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HORNBY

magazine

Issue 120 **June 2017**

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REVIEWED



- Heljan 'O' gauge Class 45
- Hornby new arrivals
- Farish sound 'Castle'

ON TEST

THE 4-4-0s



Modelling Britain's longest lived passenger locomotive design in '00' gauge

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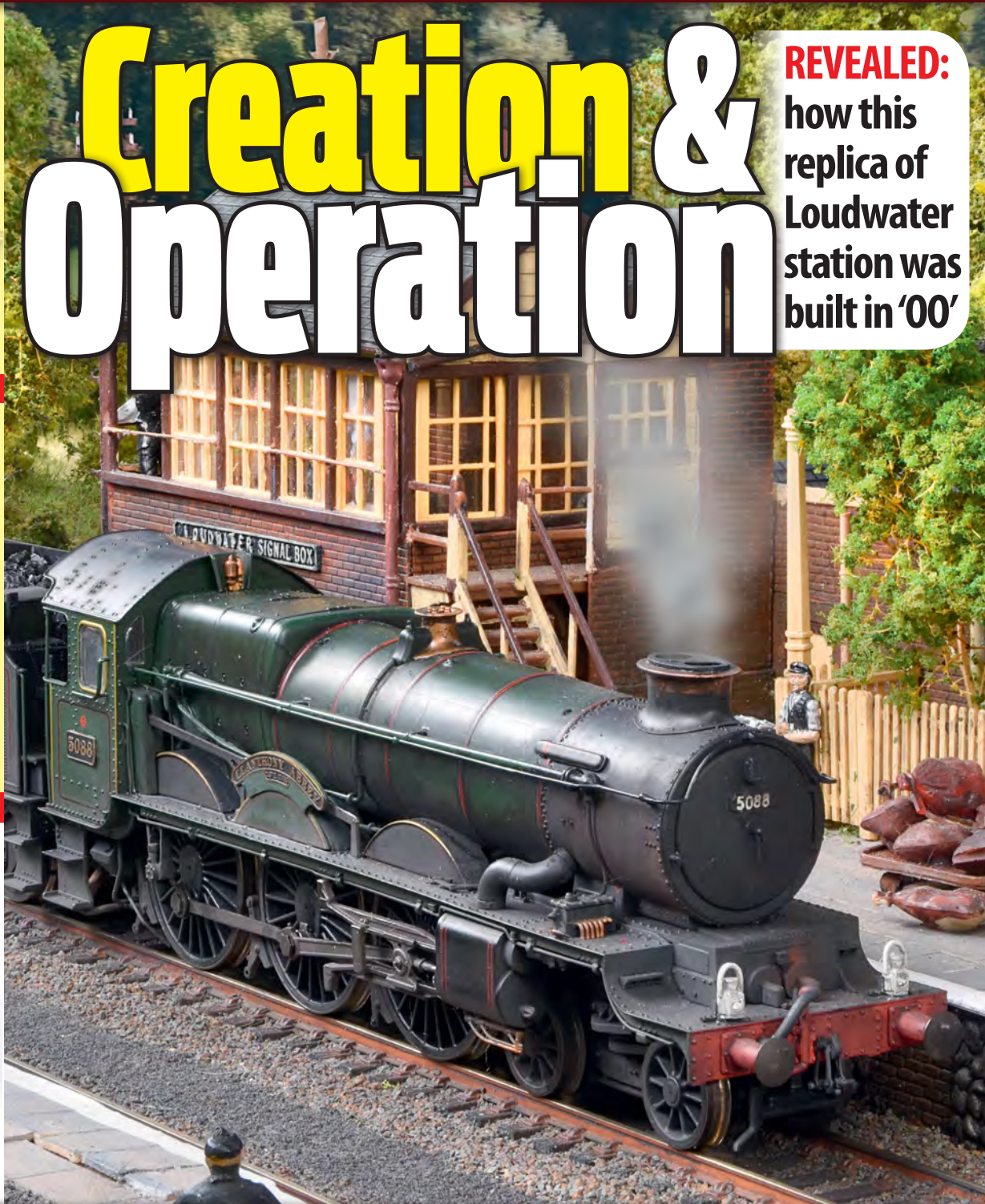
10 of the best turnout machines are put through their paces

LATEST NEWS

Creation & Operation

REVEALED:

how this replica of Loudwater station was built in '00'



- Minerva '8750'
- Locomotion GNR 'single'
- Rails dynamometer car
- Heljan 'O' Class 20

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HORNBY

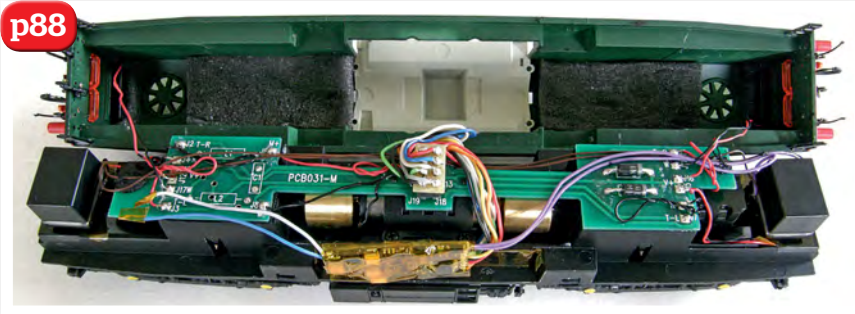
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The latest news from Hornby including an exclusive first look at the colour layouts for the Class 87, Rails of Sheffield launches a new range, a preview to the Great Central Railway's Model Event in June and much more. Plus, we've got prizes worth more than £500 to be won in our double bill of exclusive competitions.

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WE'VE GONE SOCIAL!
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The SLW Class 24 has proved a big success

Now you can play a role in future livery selection

'The Great Sulzer Sign-up'

SUTTON'S LOCOMOTIVE WORKSHOP is delighted to report that sales of its first locomotive, the BR Sulzer Type 2 (Class 24), has exceeded expectations, already requiring additional production runs. This, perhaps, is not surprising in view of the incredibly favourable reviews the model has received. With stocks starting to dwindle again, we are at the stage of scheduling further production.

Rather than produce simple 're-runs' we have decided to trial putting the final choice of this next batch of models directly into the hands of existing and potential customers. Modelling is all about nostalgia and, as a pro-active organisation, we obviously want to get you directly involved so we can try and satisfy as many people as possible.

You choose what we should produce next

All the informal requests received to date have been narrowed down to eight variants, each of which can be 'voted' for by expressing an intention to purchase. Included are two significantly more complex versions of the Class 24, in the form of a pair of Inverness-allocated headcode box equipped machines which will take us longer to produce and should be regarded separately. Selections will go into production when a target threshold (loosely based on our optimal order quantity) is reached. This will be visualized on the SLW Sulzer Type 2 website and our Facebook page by means of a bar graph for each model that will be regularly updated to show the level of commitment in percentage terms.

No money needed now

This exercise is not to be confused with the recent proliferation of speculative crowd-funding or deposit-based ventures. We are not asking for any financial commitment at all and your 'vote' (which purely requires providing contact details) does not form a obligation to purchase although we obviously hope that you will honour it! What a 'vote' does provide you with is the chance to directly influence production plans and an individual reservation (guaranteed chance to buy) if your choices are successful in reaching their production targets.

As an added incentive, subscribers for the first six options will be able to secure their models at the original 'locked-in' price - the very same price as when the model was first launched!

Vote now by e-mail or via our website

You can register your interest by clicking on the drop down 'Vote' menu of the SLW website at www.sulzertype2.com Just read through the information pages and follow the instructions. If you prefer, you can e-mail your selections and quantities to us at slw@railexclusive.com, putting 'Class 24 Vote' in the subject line, and making sure to include your name, address, e-mail and telephone number. Alternatively, you can simply write with the same information or pick up the phone and talk to us. Votes need to be accompanied by full contact information to count.

For the full story on the 'The Great Sulzer Sign-Up', prices and to download the free operating manual, please visit:

www.sulzertype2.com

Vote by telephone ☎ 01780 470086



Loco A



Loco B



Loco C



Loco D



Loco E



Loco F



Loco G



Loco H



Welcome

THE EDITOR'S PAGE



THE WHEELS OF model development never stop and this month we are proud to be able to exclusively show you the latest stage in creation of Hornby's new 'OO' gauge Class 87: the colour layouts.

This is an incredibly important part of the model's production. Get this wrong and logos will be in the wrong place, colours will be incorrect and no matter how good the base product is, if the decoration isn't up to scratch it will be a let down.

Hornby invests hundreds of hours in researching and developing the artwork of its locomotives and rolling stock and while some are easier than others there are some incredible challenges out there too. The Hitachi Class 800 test train livery, which appeared in HM119, is a case in point and a livery which requires something more than traditional tampo printing methods.

Back to the Class 87 though, and what we have this issue is a first indicator of exactly how the two locomotives will look. 87035 *Robert Burns* and 87010 *King*

Arthur are the candidates and having seen the artwork we are looking forward to seeing the first engineering samples and decoration samples even more.

The news section is packed full of the latest products and development samples with the surprise story being Rails of Sheffield's new Rails Exclusive range. This launched on April 13 at the National Railway Museum where it revealed the first model would be a 'OO' gauge ready-to-run LNER dynamometer car. This famous vehicle is an interesting choice and its history is even more fascinating.

We've also got a full preview to the Great Central Railway Model Event on June 16-18 which is *Hornby Magazine's* second exhibition of the year and our first with one of the magazine's layouts. We are taking our new Western Region terminus, Grosvenor Square, to the show for its second public outing and we hope to meet lots of *Hornby Magazine* readers during the event. See pages 14-15 for the preview to this impressive event.

In the reviews Heljan has kept us on our toes again with the arrival of another ready-to-run 'O' gauge locomotive - the Class 45 - while 'N' gauge is being treated to a sound fitted version of the new

GWR 'Castle'. Sound in 'N' gauge might sound like a gimmick, but it is anything but. The quality of the sound from the 'Castle' rivals and betters 'OO' gauge factory sound fitted locomotives and offers a tremendous amount of operational value too. Be sure to check in on the *Hornby Magazine* website during May as we will be releasing a video of this new release during the coming weeks.

Speaking of online, the *Hornby Magazine* team are always busy creating new content for our website and during each month you can read exclusive online blogs from Assistant Editor Mark Chivers and myself as well as keeping up to date with the latest model railway news. Videos are there too and don't forget we have a fully updated online Show Guide. Plus, you can enter our double bill of competitions online at www.hornbymagazine.com too.

Happy modelling.

Mike Wild
Editor, *Hornby Magazine*

IN YOUR MAGAZINE THIS JUNE

EXCLUSIVE HORNBY NEWS

08 See Hornby's colour layouts for its new 'OO' gauge Class 87 here first and much more.

REVIEWED

66 Heljan's new 'O' gauge Class 45 headlines this month's reviews with new 'OO' gauge releases from Hornby and Graham Farish's sound fitted 'Castle' for 'N'.

ON TEST

30 The 4-4-0 was Britain's longest lived passenger steam locomotive type. Trevor Jones reviews and tests all the available model 4-4-0s.

EQUIPMENT GUIDE

42 Point motors are an essential part of a reliable working model railway. We select 10 of the best and put them against one another by testing them for installation and performance.

EXCLUSIVE HORNBY CLASS 87 COLOUR LAYOUTS **WIN £500 MODEL GIVEAWAY** **FREE 32 PAGE HATTON'S CATALOGUE**

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REVIEWED **Creation & Operation** **REVEALED: how this replica of Loudwater station was built in 'OO'**

ON TEST **THE 4-4-0s**

EQUIPMENT GUIDE **POINT MOTORS**

10 of the best turnout machines are put through their paces

LATEST NEWS • Minerva '8750' • Locomotion GNR 'single' • Rails dynamometer car • Heljan 'O' Class 20

WIN £500 MODEL GIVEAWAY

Bumper competition double bill!

FEATURE LAYOUTS

20 Loudwater: This 'OO' gauge exhibition layout models a BR Western Region diversionary route in the 1960s. We reveal how it was built.

54 Glendevon: This North British Railway branch line, modelled in 'OO' gauge by the Edinburgh and Lothians Miniature Railway Club, is a stalwart of its roster.

94 Moffat Mills: The 1980s are the focus for this 'OO' gauge micro layout inspired by its owner's favourite drink which has been designed for transport in a single vehicle for exhibitions.

LATEST NEWS

All the latest news from around the model railway scene including Minerva's '8750' 0-6-0PT sample, the latest on Locomotion's GNR 'single', Rails of Sheffield's new range, Heljan's 'O' gauge Class 20 and much more.

EXCLUSIVE

HORNBY CLASS 87 COLOUR

HORNBY has revealed the colour layouts for its new 'OO' gauge Class 87 exclusively to *Hornby Magazine*. The Class 87 is due to be released in January 2018. It will have an 8-pin DCC decoder socket and space to install a speaker for upgrading to digital sound.

Two versions are planned for the November 2016 announced model (HM115) in its debut year covering 87035 in BR blue with *Robert Burns* nameplates and original diamond pantograph (Cat No. R3580) together with 87010 *King Arthur* in Intercity 'Swallow' colours with the later high speed pantograph (R3582). The models will feature tampon printed numbers, names and logos together with fully legible data panels over the top of main body colours.

● Visit www.hornby.com to find out more.



HORNBY SHOWS
NEW SAMPLES:

'8F' & '4MT'

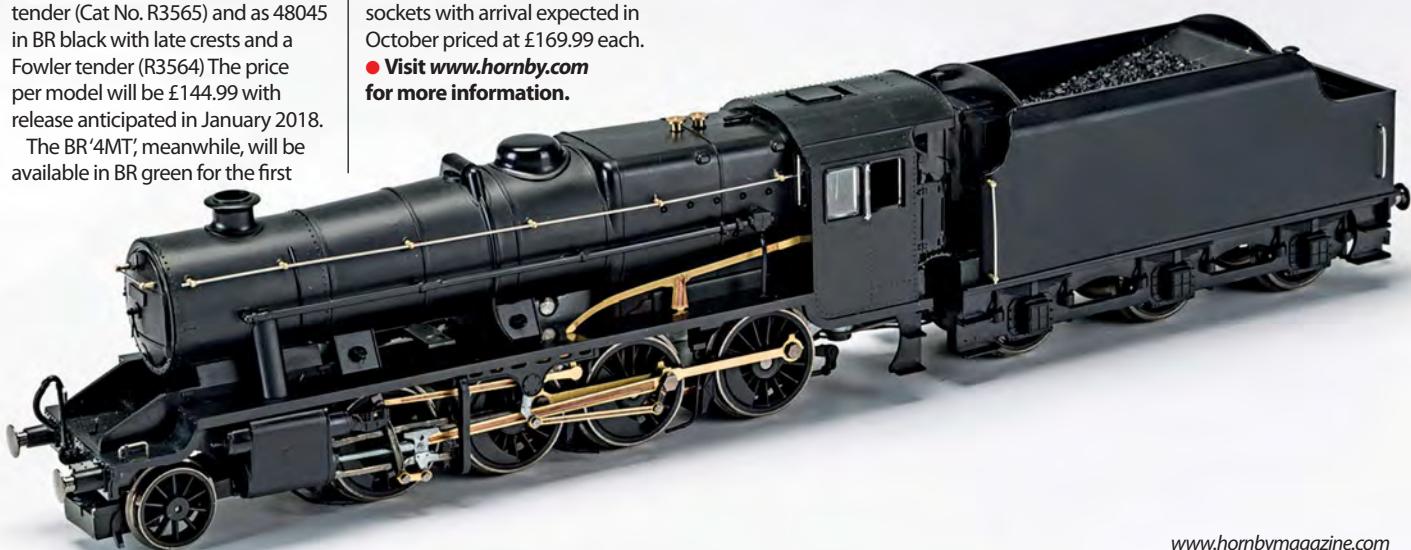
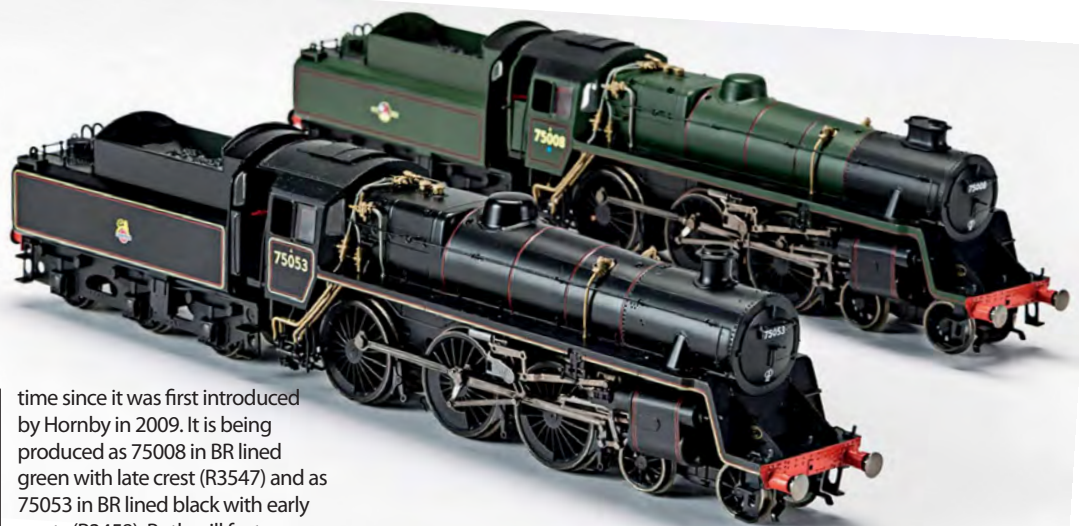
Hornby has revealed pre-production samples of its new 2017 versions of the Stanier '8F' 2-8-0 and BR '4MT' 4-6-0 which are being reintroduced to its range.

On release the '8F' will be available as 8035 in LMS black with a Stanier tender (Cat No. R3565) and as 48045 in BR black with late crests and a Fowler tender (R3564). The price per model will be £144.99 with release anticipated in January 2018.

The BR '4MT', meanwhile, will be available in BR green for the first

time since it was first introduced by Hornby in 2009. It is being produced as 75008 in BR lined green with late crest (R3547) and as 75053 in BR lined black with early crests (R3458). Both will feature tender mounted 8-pin decoder sockets with arrival expected in October priced at £169.99 each.

● Visit www.hornby.com for more information.



LAYOUTS **FIRST LOOK**



Latest Mk 1s approved



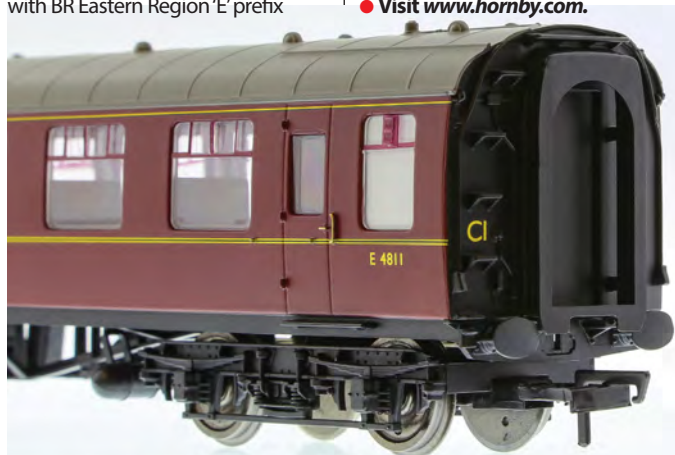
Hornby has approved final samples of its new batch of BR maroon Mk 1 carriages covering the new Brake Second Open (R4788) and First Open (R4789) together with a Second Open (R4786) and a Tourist Second Open (R4787).

All four vehicles will be released with BR Eastern Region 'E' prefix

numbers while matching Gangway Brake (R4782), Corridor Second (R4783) and Corridor Composite (R4784) are also being produced with Eastern numbers.

The coaches are due to be released in November priced at £39.99 per vehicle.

● Visit www.hornby.com.



INSIDE **HORNBY®**

The latest from Hornby HQ



DIGITAL 'DUCHESS'

■ The latest development for the new generation Hornby Stanier 'Princess Coronation' has seen completion of the box front artwork which includes highly detailed colour scheme renders. The trio of 2017 'Coronations' are available to pre-order from Hornby stockists with prices starting at £189.99 for 6231 *Duchess of Atholl* in LMS lined crimson (Cat No. R3553) and 46256 *Sir William A Stanier FRS* in BR lined maroon (R3555) and £219.99 for 46235 *City of Birmingham* in BR lined green (R3509TTS).

● Visit www.hornby.com for more information.



FIRST CLASS GWR MK 3

■ Hornby has added an additional GWR liveried Mk 3 as a First Class vehicle to allow a correct formation to be created. It joins Tourist Standard Open, Buffet and Trailer Guard Standard vehicles in the range to go with the special edition GWR power cars (HM119). The new First Class coach will be finished as 41146 in GWR's latest livery (Cat No. R4816) and is expected to be released in summer 2017 priced at £32.99.

JUNIOR ARTWORK

■ The box artwork for the new battery powered Hornby Junior set (HM119) has been revealed showcasing the attractive styling

being applied to these sets. While the train may be battery operated, it is compatible with 'OO' gauge track providing a chance for a new generation to run it both on its own circuit or on a bigger layout. Release is expected in October 2017, priced at £39.99.



'S15' SOUND DEVELOPMENT

■ The 2015 launched Maunsell 'S15' 4-6-0 is one of the new arrivals for 2017 with Twin Track Sound pre-fitted from the factory. The identity chosen for the locomotive is 30832 – a former Salisbury engine which was built at Eastleigh in 1927 and withdrawn in 1964. It will be supplied with a flared Maunsell eight-wheel bogie tender which will contain the all important TTS decoder and speaker. Priced at £179.99 the TTS 'S15' is to be released in September.

COMING UP IN...

THE ENGINE SHED

■ Keep up with the latest from the Hornby development team in the fortnightly online Engine Shed blog. The next blogs will be live on May 19 and June 2 featuring the latest progress on new products from Hornby. Visit www.hornby.com to read the latest blogs.

MINERVA DISPLAYS 'PANNIER'

MINERVA MODELS has revealed the first full engineering sample of its developing 'O' gauge model of the GWR '8750' 0-6-0PT which is due to be released during the summer.

The model is due to undergo further refinement before entering

production including revision to the fitting of the balancing pipe between the tanks (missing from this sample). Minerva says it has tested the 0-6-0PT on Peco set track curves and it is also being fitted with an 8-pin DCC decoder socket and provision for the installation of sound.

On release the '8750' will be available with and without top feed in a selection of GWR green and BR black liveries. The bunker steps, toolboxes, whistle shields, bufferbeam pipes, cab roof handrail and ATC boxes will be supplied in a detailing pack together with a bucket and fire irons.

The model is on target for release in July 2017 priced at £265 for a DCC ready version, £320 DCC fitted and £390 DCC sound fitted. It is available to order directly from Minerva Model Railways or by phoning 02920 531246.



LOCOMOTION'S STIRLING SINGLE



Rapido Trains has revealed the first engineering prototype (EP) running sample of Locomotion Models' special edition 'OO' gauge Great Northern Railway (GNR) Stirling 'single' 4-2-2 No.1.

Announced in April 2015, the first EP is subject to further modifications of the tooling and on release it will appear in GNR lined green with an original tender which the prototype was paired with in 2014. Plans to produce the locomotive with the smaller Sturrock tender have been shelved.

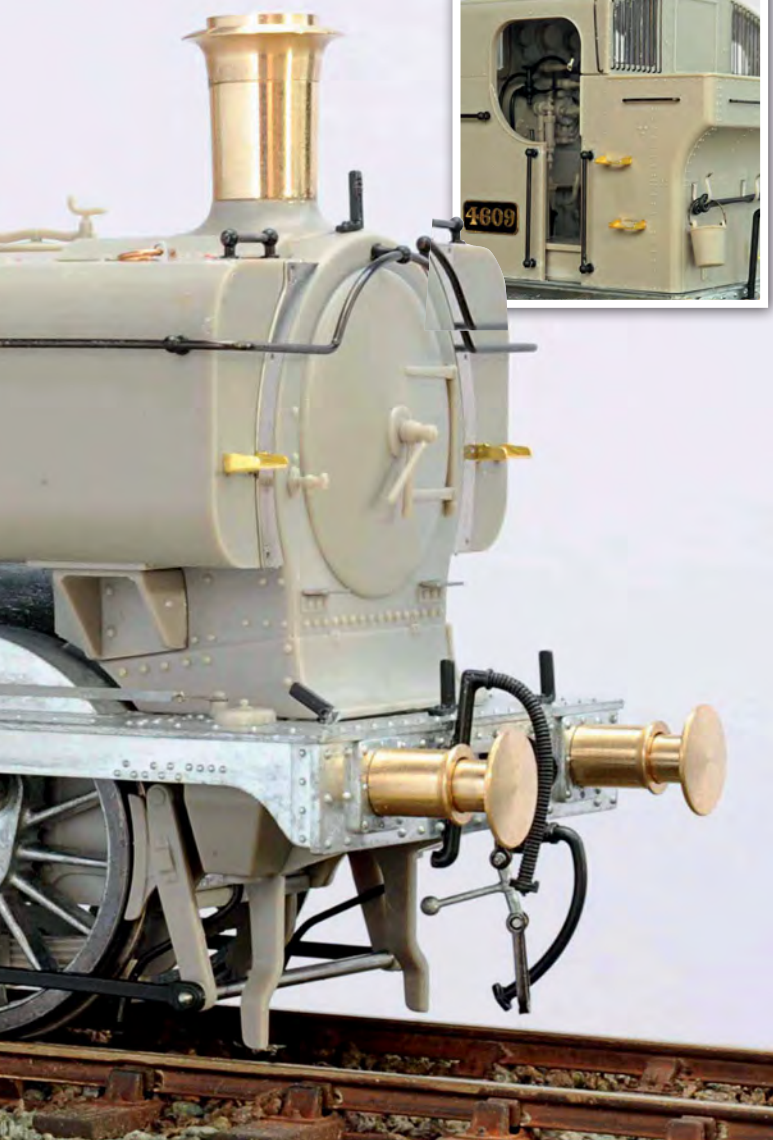
Available DCC ready (Cat No. NC002) and Digital Command Control (DCC) sound-fitted (NC002S), the models are priced £229 and £329 respectively. A delivery date has yet to be confirmed.

● Visit www.locomotionmodels.com for more details.

SAMPLE

Minerva is also developing the GWR '57XX' 0-6-0PT with welded and riveted tanks, and these are expected to be delivered between October and December 2017.

● Visit www.minervamodelrailways.co.uk for more information.



SCALESCENES GOES FISHING

Scalesscen has added a traditional wooden fishing boat (Cat No. T030a) to its range of downloadable kits. Available in 'OO' and 'N', the kit includes a choice of plastic or wooden style fish crates, board or metal hatch covers, a fully detailed wheelhouse, deck fittings, detailed winch and a selection of optional port registration codes and colours. Priced at £4.99, it is available now.

● Visit www.scalesscen.com for further information.



COMPETITION WINNERS

■ The winner of HM116's competition for a Hornby 'Merchant Navy' and six Maunsell carriages is Robert Downey from Newcastle-upon-Tyne. The winner of HM117's competition for a Hornby 'Golden Arrow' train pack is Fred Foster from Coventry. Congratulations to you both!

HATTON'S DECORATED CLASS 121s SURFACE

Hatton's has received decorated samples of its forthcoming limited edition Dapol 'OO' gauge Class 121 diesel railcars for approval.

Seven of the newly-tooled models, exclusive to the retailer, are planned in a kaleidoscope of colours including W55020 in GW150 chocolate and cream (Cat No. 4D-009-HAT1), 121032 in Arriva Trains Wales turquoise and cream (4D-009-HAT2), 960011 in

Railtrack green and blue (4D-009-HAT3), 121020 in Chiltern Railways blue (4D-009-HAT4), 55033 in revised Network SouthEast livery (4D-009-HAT5), 960010 in Railtrack maroon (4D-009-HAT6) and 55022 in original Network SouthEast livery (4D-009-HAT7).

Prices are set at £129.95 each with delivery expected during 2017.

● Visit www.hattons.co.uk for further information.



SLW moots more Class 24s

Following the success of its debut 'OO' gauge BR Class 24 Bo-Bo diesel, Sutton's Locomotive Works (SLW) is planning a further production run of models and is offering potential customers the opportunity to influence their identities.

Six different liveries with a choice of running numbers are mooted in BR blue with small yellow warning panels, BR two-tone green with small yellow warning panels, BR blue with full yellow ends and Glasgow Works' plated front doors, BR Research Department red and blue, BR green with small yellow warning panels and BR green with full yellow ends and TOPS numbers.

In a further development, SLW has revealed plans to produce newly-tooled Class 24/1 Highland examples in BR green with small yellow panels and BR blue with full yellow ends, subject to sufficient interest. These latter two models will feature twin-headlights and distinctive headcode boxes, representing those based at



Inverness in the 1960s and 1970s.

Prices for standard Class 24 models are set at £160 DCC ready, £260 DCC sound-fitted, while those for the proposed Class 24/1s have yet to be confirmed.

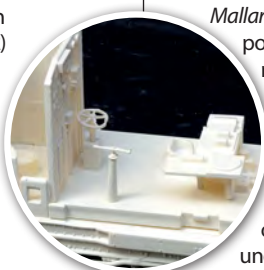
● Visit www.sulzertype2.co.uk for further information.

Rails launch LNER DYNAMOMETER

RAILS OF SHEFFIELD has launched a new Rails Exclusive product range with a model of the London and North Eastern Railway (LNER) Dynamometer car for 'OO' gauge. This is to be the first of a series of models under the Rails Exclusive brand.

The new model is being developed exclusively for Rails by Rapido Trains and with full support from the National Railway Museum which owns the unique 1906 built vehicle. The Dynamometer car achieved fame when it was hauled by Gresley 'A4' 4-6-2 4468 *Mallard* on its record breaking 126mph run on July 3 1938, but it was also used during the British Railways locomotive exchange trials in 1948 where it ventured away from its home LNER territory.

At the launch of the project, Rails showed a 3D printed version of the vehicle showing current progress



and it is due to be released either late 2017 or early 2018. It will be released in 1938 condition with number 23591 as it was during *Mallard's* record run and in post-1946 condition with number 905202 initially, with a price tag of £125 per vehicle.

The Dynamometer car is to be fully detailed inside and out with extensive underframe equipment too. It will ride on turned metal wheels, feature NEM coupling pockets at both ends and interior lighting. A decorated sample is anticipated by the time of the Warley National Model Railway Exhibition in November.

Rails has opened pre-orders for the Dynamometer car via its website where models can be secured with a £50 deposit.

● Visit www.railsofsheffield.com for full details of the LNER dynamometer car project and its current Bachmann Class 37 and 66 limited editions too.



Heljan plans headcode '20' for 'O'

Heljan will be producing the centre headcode version of the Class 20 for 'O' gauge as a follow up to its 2010 released disc headcode model.

The new Class 20 is targeted for release in September/October 2017 with a price of £599 per locomotive.

Six versions are planned on the new tooling covering BR green with small yellow warning panels (Cat No. 2010), BR green with full yellow ends (2011), BR blue with full yellow ends in pre-TOPS condition (2012), BR blue with full yellow ends in post-TOPS condition and domino headcodes (2013), BR blue with full yellow ends and weathering (2014) and BR Railfreight 'red stripe' grey (2015). All will be unnumbered.

Also announced for 'O' gauge by Heljan for release in 2018 is the Class 50, which is expected to cover only refurbished locomotives. Livery and pricing have yet to be announced for this model.

● Visit www.heljan.dk for more information.

Heljan has announced it will produce the centre headcode Class 20 for 'O' gauge. 20227 stands in the yard at Barrow Hill on July 14 2007.
Mike Wild.



CAR FOR 'OO'



Electrifying Trains revamps 'O' gauge LSWR 'Gate Stock'

Electrifying Trains has re-engineered its 'O' gauge Southern Railway (SR) Gate Stock to original London & South Western Railway (LSWR) design.

Finished in LSWR salmon and dark brown livery, these latest handbuilt ready-to-run 'O' gauge releases represent pull-push sets 363 and 372-374, as used on LSWR branch lines. Refinements include reworked front ends, revised interiors, prototypical seats and



original lighting pots along the roof, together with separate handrails, sprung buffers, screw couplings and prototypical Maunsell wheelsets.

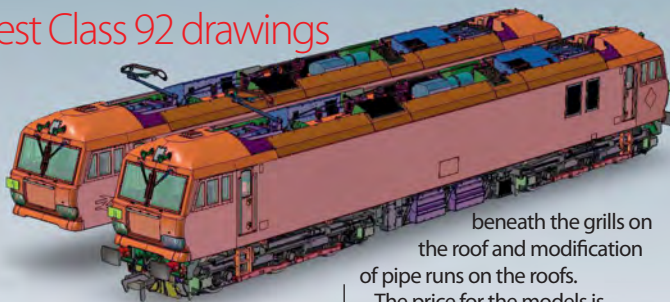
Available now, each two-car set comprises a Driving Brake Composite and Trailer Third coach, with prices set at £1,395.

● Visit www.electrifyingtrains.co.uk for more details.

DJ Models shows latest Class 92 drawings

DJ Models has revealed the latest CAD drawings for its Class 92 Co-Co electric for 'OO' gauge crowd-funded model.

The Class 92 is being produced in 'OO' and 'N' gauges by DJ Models with both featuring directional lighting. The 'OO' version has a 21-pin Digital Command Control socket and the 'N' gauge model a Next18 decoder socket. Both will have provision for installation of a speaker for digital sound.



The latest modifications to the drawings include 'do not move' boards in the accessory pack, two types of headlights, fan detail

beneath the grills on the roof and modification of pipe runs on the roofs.

The price for the models is expected to be approximately £150 in both scales.

● Visit www.djmodels.co.uk for more information.

NEWS IN BRIEF

■ Arrival of a new injection moulding machine at Dapol's Chirk factory is set to expand its UK production capabilities. The new Victor Taichung plant was installed at the factory on April 24 prior to commissioning on April 27. It was expected to enter service from April 28 working with a new UK tooling for the company.

● www.dapol.co.uk

■ DJ Models says production of its 'N' gauge Class 17 Bo-Bo diesel started in April. The model is priced at £114.50 for powered versions and £149.95 for a twin pack containing a powered and dummy locomotive. A choice of BR green and blue liveries will be available.

● www.djmodels.co.uk



■ Kernow Model Rail Centre has received the weathering master of its under development model of the GWR '1361' 0-6-0ST. The model will be finished as 1365 in heavily weathered BR black with late crests on the side tanks (Cat No. K2205). Pre orders are priced at £134.99 rising to £144.99 for orders placed after the model arrives.

● www.kernowmodelrailcentre.com



■ Hatton's has published the colour layouts for its new 'O' gauge ready-to-run Gresley 'A3' 4-6-2, offering a closer look at the research which is going into these Heljan produced locomotives. The colour layouts show the full livery artwork for each of the seven versions being produced and Hatton's has stated that both models of 4472/60103 *Flying Scotsman* have been approved by the National Railway Museum. The 'A3' is scheduled for release in mid-2018 with a price tag of £750 per locomotive. They will feature a can motor in the locomotive, LokSound L decoder socket in the tender, provision for the installation of speakers and a compensated centre driving axle.

● www.hattons.co.uk

PREVIEW The Great Central Railway MODEL EVENT

The Great Central Railway Model Event has grown quickly into a not-to-be-missed weekend exhibition. This year's event takes place on June 16-18 – *Hornby Magazine* previews the impressive and extensive line up.

SEVENTY LAYOUTS, 50 traders, 10 society stands and Britain's only preserved double track main line are coming together on the weekend of June 16-18 for the Great Central Railway (GCR) Model Event.

Now in its fourth year, the GCR Model Event is firmly established in the model railway calendar with a 35,000sq ft marquee at Quorn and Woodhouse station the central focus of the event. In addition, Loughborough and Rothley stations feature live steam and model engineering displays together with

Railwayana stands and open house at the railway's locomotive and carriage workshops.

The 70 layouts booked for the show include a broad selection of British and overseas models covering scales from 'T' to Gauge 3 and everything in between. Highlights include more than ten *Hornby Magazine* featured layouts from giants of the exhibition circuit like Bath Green Park from Taunton Model Railway Group (HM4 and HM75) and Old Elms Road from the Bodmin and District Model Railway Club (HM105) to Nigel Adams' recently featured Willowbrook Marsh

shunting layout (HM119). Plus, Bradford City Road (HM70), Burshaw North Western (HM102), Franwood TMD (HM117), Idleford Town (HM68), Kirkby Stephen West (HM5) and Leicester South GC (HM79) have also been booked for the event.

Hornby Magazine, which is sponsoring the event alongside Railways Illustrated, Steam Days, Hornby Hobbies, Bachmann Europe, Dapol and more, will be attending in full with the second public exhibition for its new Western Region terminus layout Grosvenor Square. Mike Wild commented: "Grosvenor Square is only operated

Shipley MRS' Leicester South is a highlight layout from the Quorn site. It featured in HM79.





Bassetlaw MRS' Idleford Town models the GCR in 'O' gauge. It featured in HM68.

Neil Woodbine's Franwood TMD shows the potential of a compact depot layout (HM117).



at exhibitions and we are looking forward to setting up ready for the show having learnt more of the layout's capabilities following its debut at the Warley exhibition in November 2016."

Grosvenor Square will be located between the *Hornby Magazine* and Hornby Hobbies stands in the main marquee at Quorn station alongside a further 48 trade stands offering a wide range of modelling supplies from rolling stock to paints, details and tools.

The event opens at 10am each day from Friday June 16 to Sunday June 18 and includes

an intensive timetable operating on the line between Loughborough and Leicester North. Locomotives rostered for the event will be drawn from the home fleet and an intensive timetable of passenger operations is planned for the weekend. A large car park is available at Quorn station, with limited parking at other locations on the line.

At Loughborough, the northern terminus of the line, visitors will be able to see 16mm scale live steam locomotives operating together with railwayana stalls. Loughborough shed will also be open with the Boscastle Society on hand to

show visitors around and answer questions and offering the chance to see the latest progress with locomotive restoration and overhaull projects.

Meanwhile, Rothley station will have its carriage workshop open to visitors together with the resident Charnwood Forest Railway garden railway operating, model engineering displays and more. Refreshments are also available at all stations on the line. [fura](http://fura.org.uk)

● Visit www.gcrailway.co.uk/modelevent for ticket pricing and full information about this event.



Taunton MRG's stunning Bath Green Park will be at the show (HM4 and HM75).



Hornby Magazine's Grosvenor Square will be making its second public outing. It was built for Yearbook No. 9 in 2016.

GREAT CENTRAL RAILWAY MODEL EVENT 2017

When:	June 16-18 2017
Where:	Great Central Railway, Quorn, Leicestershire LE12 8AG
Times:	Fri and Sat 10am-5pm, Sun 10am-4pm
Prices:	Adults £20, children £12, family (1+3) £32, family (2+3) £50
Highlights:	70 layouts, 50 trade stands plus demonstrations, society stands and intensive passenger service on the GCR
Facilities:	Refreshments at all stations, parking at Quorn station (£5 per vehicle).
Contact:	01509 632323
Website:	www.gcrailway.co.uk/modelevent

WIN! A Hornby 'Castle' with sound and a rake of Collett carriages

WHICH RAILWAY BUILT THE 'CASTLE' 4-6-0s

- a) Great Western Railway b) Southern Railway c) London Midland and Scottish Railway

HORNBY MAGAZINE'S latest exclusive competition with Hornby offers a stunning prize of a Western Region express comprising 'OO' gauge Twin Track Sound fitted GWR 'Castle' 4-6-0 5050 *Earl of St Germans* (Cat No. R3383TTS) and five new BR maroon liveried Collett bow end carriages (R4763-R4767) with a total value of £425. All you have to do to enter the competition is answer the simple question above by July 25 2017. Even if you don't win, the 'Castle' and carriages will be available from Hornby retailers from June.

● Visit www.hornby.com for more information.



HOW TO ENTER

● For your chance to win, simply send your name, address and telephone number to: 'Hornby Magazine Castle Express Competition', Key Publishing, PO Box 100, Stamford, Lincolnshire PE9 1XQ.

Alternatively, visit www.hornbymagazine.com and fill in the entry form or e-mail the same

information to competitions@keypublishing.com with 'Hornby Magazine Castle Express Competition' in the subject field.

Closing date for entries is July 25 2017 at 12:00 GMT and winners will be notified no later than August 1 2017. There is no cash prize alternative and the Editor's decision is final.

On occasions Key Publishing and Hornby Hobbies may make offers on products or services that we believe to be of interest to our customers.

If you do not wish to receive this information please state NO INFORMATION clearly on your entry. No purchase necessary.

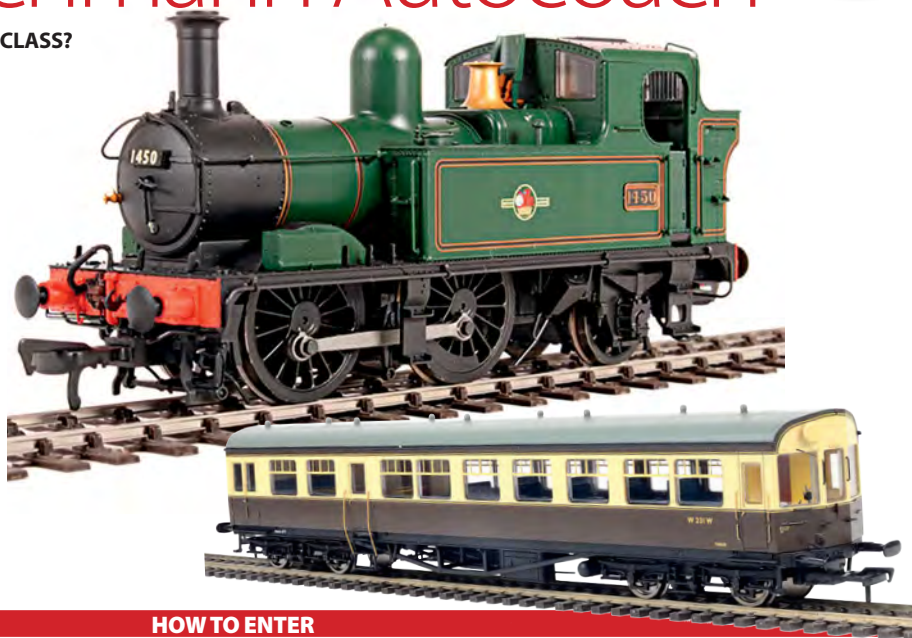
WIN! A Hatton's '14XX' and a Bachmann Autocoach

WHAT WHEEL ARRANGEMENT WERE THE '14XX' CLASS?

- a) 0-6-0T b) 0-4-2T c) 0-6-2T

HATTON'S MODEL RAILWAYS has teamed up with *Hornby Magazine* to offer a unique prize of one of its exclusive DJ Models produced 'OO' gauge GWR '14XX' 0-4-2Ts and a Bachmann GWR Hawksworth Autocoach to create a preservation era train. The prize consists of '14XX' 1450 in BR lined green with late crests and a Bachmann Hawksworth Autocoach in Western Region chocolate and cream livery. All you have to do to enter the competition is answer the simple question above by July 25 2017. Even if you don't win, the '14XX' is available direct from Hatton's now (Cat Nos. H1414) along with a variety of additional liveries and the Autocoach is available from Bachmann retailers (39-580).

● Visit www.hattons.co.uk/14xx to see the full range of models.



HOW TO ENTER

● For your chance to win, simply send your name, address and telephone number to: 'Hornby Magazine Hattons 14XX Competition', Key Publishing, PO Box 100, Stamford, Lincolnshire PE9 1XQ.

Alternatively, visit www.hornbymagazine.com and fill in the entry form or e-mail the same

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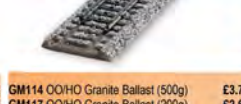
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OO SCALE LAMPS & LIGHTING

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OO SCALE VALUE PACKS LAMPS & LIGHTING

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GM867 Swan Neck Lamp SR/BR Green £32.95
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Loudwater

*A long-gone station on a once useful diversionary route is the subject for this attractive slice of the Western Region in 'OO' gauge. **DANIEL CHANDLER** describes its creation and operation for Loudwater's magazine debut.*

PHOTOGRAPHY, TREVOR JONES



A GWR 'Dukedog' 4-4-0 carrying the remains of its pre-BR livery waits in the loop with a mixed goods for the arrival of a 'Manor' with a through stopping train. The station building is scratchbuilt.

2 The station site at Loudwater included a distinctive corrugated iron goods shed behind the station building. A GWR 'Hall' 4-6-0 awaits departure with a rake of Collett bow-end carriages.



L OUDWATER is the chosen prototype for our layout project. The station was the first stop on the line from High Wycombe to Maidenhead, around three miles from High Wycombe, in Buckinghamshire. Opened in 1854, the entire route was originally broad gauge. In 1862, the line was extended to Thame and later Oxford turning it into a useful diversionary route when the Didcot-Oxford main line or the 1906 joint Great Western Railway (GWR)/Great Central Railway (GCR) line through Beaconsfield were closed.

It is under one of these scenarios that our model of Loudwater is operated, creating the opportunity to run diverted expresses and through freights to and from the capital. The station was originally built with a single platform, a goods loop was added in 1904 with a second platform being built on the loop in 1943. The section between High Wycombe and Bourne End was closed on May 4 1970 and the station site soon became derelict. The station building survived until the early 1980s when it was bulldozed away to make way for an industrial estate. No trace of it remains today. Eagle eyed visitors may notice that there is a tunnel under the M40 motorway at one end of the industrial estate. This is the only clue to what was once here. Unfortunately the line closed a year after the motorway was built so it saw very few trains.

The original plan was to model the junction station at Bourne End, but after initial assessment we discarded this as the space needed to include the junction to Marlow would have been too great. The photographs taken of the surviving buildings at Bourne End still came in useful though as they are similar to the »





ones at Loudwater. Once Loudwater was chosen as an alternative the building of it took around five years or so.

BREAKING CONVENTION

There are 16 baseboards of conventional construction with plywood tops with soft wood framing and braces all resting on trestles. On top of all the scenic boards is 2in thick polystyrene stuck down with wood glue. As these can be bought in 4ft x 2ft sheets they fitted perfectly to the baseboards, which are of the same dimensions. This was needed to be able to create the effect of the way the station nestles on a shelf cut into a steep hill that is one side of the Wycombe valley. The polystyrene was carved to create the cut into the hillside leaving a flat base at the bottom on which track was to be laid without the need for open topped baseboards. As there is no conventional wooden base for the track, this could not be pinned so all scenic track is glued directly to the polystyrene with PVA and weighted overnight to cure. Points are operated via the wire in tube method using some thin automotive vacuum hose to form the tube with the wire passed through. This was embedded into the polystyrene base before the points were glued down. All track is Peco code 100 for reliability. When ballasted and weathered well, the taller rail height is not as noticeable. The polystyrene did not hinder ballasting of the track and it has also made the running of it a lot quieter.

“All the main buildings are scratchbuilt using photographs to work out the sizes.”

DANIEL CHANDLER

It was realised when it came to constructing the storage yard that the track was going to be 2in lower because of the way the scenic track was laid to the polystyrene. This has necessitated gradients at each end on entry to the hidden yard. In hindsight, I think this could have been better engineered as it makes operation a bit tricky at times as some locomotives don't take too kindly to the gradient.

All the main buildings are scratchbuilt using photographs to work out the sizes by counting brick courses. The goods shed is a modified Ratio carriage shed which has been clad in corrugated iron instead of wood as it comes in the kit. The houses near the golf course are the old Dapol kits and the pagoda on the down platform is a Wills kit. The brick and flint effect on the station building was created by sanding down some Wills cobble building »



The signalman keeps watch as a Collett '56XX' 0-6-2T leads a train load of bogie bolster wagons loaded with logs into the loop at Loudwater to pass an auto train in the hands of a Collett '14XX' 0-4-2T.



A 'Castle' heads a diverted express away from Loudwater heading north towards London. Static grass has been used extensively to create detailed grass effects together with sea moss for small trees and bushes.



sheets and then picking out individual stones with varying shades. Both the station building and the signalbox are built from Wills building sheets with windows acquired from various kits. Woodland Scenics products and sea moss make up the trees and various static grasses and real ash in the goods yard provide the ground cover. The ballast is 'N' gauge Woodland Scenics material.

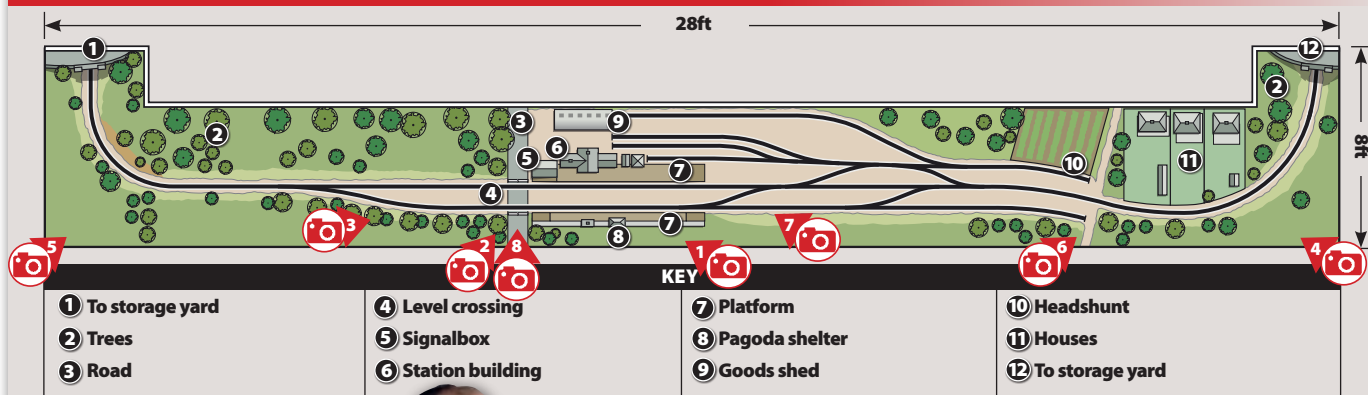
Signals are a mix of Dapol and Ratio kits. Not all are fully functioning yet but this is an area that will be developed in the future. Yellow lens paint has been added to the LEDs on the Dapol ones to dim the intensity to a more realistic glow.

OPERATION

The layout is run with a good mix of Western Region motive power ranging from '14XX' 0-4-2Ts to 'Castles' and most things in between. The line was classified 'red' under the GWR weight restrictions and the only classes banned were 'Kings' and '47XXs'. »



LOUDWATER TRACK DIAGRAM (Not to scale)



"The original plan was to model the junction station at Bourne End."

DANIEL CHANDLER

Left: Loudwater measures 28ft x 8ft and offers a single track continuous run with a generous storage yard area.

Below: While steam is king at Loudwater, diesels are arriving too. A North British Type 2 leads a mixed goods towards the station at the foot crossing.



During running sessions we aim to represent a busy day of diversions so there is plenty of variety with the big 4-6-0 classes rubbing shoulders with the more mundane on lesser duties. We have a sizeable stud of '61XX' 2-6-2Ts as these were the mainstay of the local services in the London area, but they are joined by everything from a 'Dukedog' 4-4-0 to a Collett '2251' 0-6-0, '72XX' 2-8-2Ts and ubiquitous '57XX' 0-6-0PTs.

All locomotives are renumbered where possible to individuals that we know ran on the branch. The occasional visitor

can be seen working specials to Marlow or Windsor. These daytrips were quite popular in the time depicted so they are entirely justifiable. It was quite a surprise to find things like Midland Region 'Jubilees' and Brighton 'Atlantics' turning up in photographs when researching. There is no set timetable to adhere to so it is run on a random sequence.

Building the layout has proved an enjoyable experience if a little challenging at times. It is not a 100% accurate representation as certain compression has been required in places, most notably

the goods yard. The navvies of the 1850s didn't have to worry about placement of points on baseboard joints! Hopefully the general feel and atmosphere has been captured which I feel is more important than absolute realism.

Unfortunately, the days when you could wander up the footpath near the golf course and witness 'Castle'-hailed expresses breeze past with that trademark feather of steam from the safety valves have long gone and are now replaced with the drone of a motorway. It is however still possible to briefly enter that world of half a century ago even if it is only in miniature form. Just make sure you bring your Ian Allan Combined volume, you never know what might turn up! 

"All locomotives are renumbered to those which worked the line."

DANIEL CHANDLER





Right:
In the
goods yard a
'57XX' 0-6-0PT
shunts arriving
wagons for
unloading.



Below: The
crossing
gates are
closed for the
arrival of a
workstained
'Dukedog' 4-4-0 at
Loudwater.



Loudwater then and now...



Loudwater station first opened in 1854 gaining a goods loop in 1904 and a second platform in 1943. This pre-nationalisation era image shows the layout of the station with the goods yard behind and the signalbox immediately next to the level crossing.



Today virtually nothing remains to show the location of the station. The trackbed ran through where the steel gate is located while the station site is now occupied by an industrial estate.

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 31-481 G2A No. 49106 BR Black E/E. weathered. £114.99
 31-528A 2A No. 60529 'Pearl River' BR Green UC. £144.95
 31-531 Class 2A No. 60536 'Trimbush' BR Green E/E. £144.95
 31-614 V3 Steam Tank Loco No. 67646 BR Lined Black E/E. £110.95
 31-615 V3 Steam Tank Loco No. 67690 BR Lined Black E/E. £110.95
 31-627B Class 9F No. 3520 LMS Black w/Deeley Tender. £97.99
 31-628A Class 6AX 0-6-0 Pannier Tank 6424 GWR Green. £81.95
 31-638A Class 6AX 0-6-0 Pannier Tank 6422 BR Black E/E. £81.95
 31-638 LMS Stanier Mogul No. 2955 LMS Lined BR. £135.99
 31-691 LMS Stanier Mogul No. 42969 BR Lined Black E/E. £135.99
 31-692 LMS Stanier Mogul No. 42968 BR Lined Black L/C. £135.99
 31-728 W2000 3700 Class Steam Loco No. 3708 'Kilmerly' £118.95
 31-762 Modified Hall No. 6965 'Thriestland Hall' BR UC w/ind. £114.95
31-783 Modified Hall No. 7934 'Fountain Hall' BR E/E. weathered. £99.99
 31-883 Midland Class 4F No. 3846 Midland Black Crest. £97.95
 31-931 Midland Class 4F No. 40444 BR Black UC weathered. £106.95
 31-931 Midland 4-4-0 Compound No. 1189 LMS Black. £114.99
 31-933 Midland 4-4-0 No. 41157 BR Lined Black UC. £114.99
 31-980 Standard Class 3MT No. 82020 BR Green. weathered. £118.95
 31-981 Standard Class 3MT No. 82021 BR Lined Black E/E. £110.95
 32-085 Class 56XX No. 6639 BR Black E/E. £77.95
 32-131 Class 56XX Prairie Tank No. 4539 Great Western. £93.95
 32-176 LMS Crab No. 42785 BR Lined Black E/E. £123.95
 32-178A LMS Crab No. 13174 LMS Lined Black. £123.95

LIMITED EDITION BACHMANN OO GAUGE DIESEL LOCOMOTIVES

31-650L Class 47 No. D1670 'Mammoth' BR Two Tone Green. £149.99
 31-650LDC Class 47 - DCC Fitted. £169.99
 31-650LDS Class 47 - DCC Sound Fitted. £249.99
 31-650QDC Class 47 Diesel Locomotive No. 47 829 Police. £149.99
 31-650QDC Class 47 Police - DCC Fitted. £169.99
 31-650QDC Class 47 Police - DCC Sound Fitted. £249.99
 31-651Z Class 47 Diesel No. 47879 'Midland' Counties Railway 150 1839 - 1983. £149.99
 31-651ZDC Class 47 - DCC Fitted. £169.99
 31-651ZDS Class 47 - DCC Sound Fitted. £249.99

32-066Z Class 43 Warship D845 'Sprightly' BR with small yellow panel. £164.95
 31-066ZDC Class 43 - DCC Fitted. £184.95

32-384Z Class 37 No. 37 672 'Freight Transport Association' Railfreight Distribution. £139.99
 32-384ZDC Class 37 - DCC Fitted. £164.99
 32-384ZDS Class 37 - DCC Sound Fitted. £249.99

32-762Z Class 57 No. 57 305 Network Rail known as 'Sand Castle'. £169.95
 32-362ZDC Class 57 - DCC Fitted. £189.95
 32-362ZDS Class 57 - DCC Sound Fitted. £269.95

32-777Z Class 37 No. 97 304 'John Tiley' Network Rail with weathered finish. £159.99
 32-777WDC Class 37 - DCC Fitted. £179.99
 32-777WDS Class 37 - DCC Sound Fitted. £259.99

32-780U Class 37 No. 37 261 DRS. £149.99
 32-780UDC Class 37 No. 32-780UDC DCC Sound £249.99

32-976Z Class 66 No. 66 418 debranded DRS Freightliner. weathered. £174.95
 32-976ZDC Class 66 - DCC Fitted. £194.95
 32-976ZDS Class 66 - DCC Sound Fitted. £274.95

LIMITED EDITION DJ MODELS OO GAUGE STEAM LOCOMOTIVES

K2056 2-4-0WT Beattie Well Tank Steam Loco No. 30587 BR Black L/C. £109.99
 K2056DC Beattie Well Tank - DCC Fitted. £129.99
 K2058 2-4-0WT Beattie Well Tank Steam Loco No. 30585 BR Black E/E. £109.99
 K2058DC Beattie Well Tank - DCC Fitted. £129.99
 K2101 0-4-4T O2 Steam Locomotive No. 24 'Calbourne' Black L/C. £124.99
 K2102 0-4-4T O2 Steam Locomotive No. 12 'Ventnor' BR Black L/C. £124.99
 K2103 0-4-4T O2 Steam Loco No. 30182 BR Black E/E push-pull equipment. £124.99
 K2104 0-4-4T O2 Steam Loco No. 30225 BR Black L/C. £124.99
 K2105 0-4-4T O2 Steam No. 225 Southern Black push-pull equipment. £124.99
 K2106 0-4-4T O2 Steam Loco No. 30193 BR Black E/E. £124.99

32-277B Fowler Class 3F 0-6-0 Jinty No. 7941 LMS Black. £72.95
 32-293 Fowler Class 3F 0-6-0 Jinty No. 23 'SOU BR' £62.99
 32-295 Fowler Class 3F 0-6-0 Jinty No. 47879 BR. weathered. £81.95
 32-580 Class 1A No. 60117 'BRITISH RAILWAYS' Apple Green. £152.95
 32-581 Class 1A No. 60122 'Curlew' BR Express Blue E/E. £152.95
 32-575A Ivatt Class 4MT Steam Loco No. 3000 LMS. £114.95
 32-580A Ivatt Class 4MT No. 43014 BR Black UC. weathered. £127.95
 32-858 BR Standard Class 9F No. 92189 BR. weathered. £140.95
 32-880 Fairburn 2-6-4 Tank No. 2278 LMS. weathered. £106.95
 32-881 Fairburn 2-6-4 Tank No. 42105 BR Lined Black E/E. w/ind. £114.95
35-050 LNRW Webco Coal Tank 0-6-2 No. 1054 LNRW. NEW £119.99
 35-078A Class E4 0-6-2 No. 2517 Southern Green. £101.95
35-077 Class E4 0-6-2 No. 32588 BR Black E/E. £74.95
35-078 Class E4 0-6-2 No. 32590 BR Black L/C. £74.95

BACHMANN OO DIESEL LOCOMOTIVES & MULTIPLE UNITS

30-130 Military Manoeuvres Train Set. £159.95
 31-236X Class 205 2-H4 Thunder Unit No. 1121 BR Green. £199.99
 31-238X Class 205 2-H4 Thunder Unit No. 1122 BR Blue. £199.99
 31-239Z Class 205 2-H4 Thunder unit, de-branded Network SouthEast. £199.99
 31-454 Class 47/4 No. 47 276 'Kings Lynn' Network SouthEast. £118.95
 31-455 Class 47/4 No. 47 256 BR Green. weathered. £127.95
 31-456 Class 47/4 No. 47 003 BR Blue. weathered. £127.95
 31-457 Class 47/4 No. 47 435 BR Blue. weathered. £114.95
31-459 Class 47/4 No. 47 359 BR Railfreight Grey. NEW £118.99
 32-034A Class 20 No. 20 141 BR Green. weathered. £106.95
 32-045 Class 20 No. 20 118 'Saltburn-by-the-Sea' BR Red. £93.95
 32-065 Class 43 Warship D865 'Zealous' BR Maroon. £118.95
 32-067 Class 43 Warship 842 'Royal Oak' BR Blue. £118.95
 32-067A Class 43 Warship Diesel No. 8426 'Powerful' £127.95
 32-068 Class 43 Warship Diesel No. D836 'Rapid' £127.95
 32-069 Class 43 Warship Diesel No. D841 'Robust' BR. £127.95
 32-115B Class 08 Diesel 631 'Eagle' Network SouthEast. £101.95
 32-115B Class 08 Diesel Shunter 08 818 BR Blue. weathered. £101.95
 32-119 Class 08 Diesel Shunter No. 08 907 D Schenker. £93.95
 32-120 Class 08 Diesel Shunter 13287 BR Plain Green E/E. £93.95
 32-286A Class 101 2 Car DMU BR Green. weathered. £144.95
 32-287 Class 101 2 Car DMU BR Blue & Grey. £135.95
 32-289 Class 101 2 Car DMU BR Reluctant White & Blue. £169.95
 32-321 Class 251 Diesel No. 25 043 BR Green. weathered. £123.95
32-376 Class 37/4 No. 37 422 'Robert F. Fairlie' w/ind. NEW £117.95
 32-377A Class 37/4 No. 37 401 'Mary Queen of Scots' BR. £117.95
 32-381 Class 37 No. 37 402 DRS Composite. £117.95
 32-381 Class 37 No. 37 418 EWS. £117.95
32-389 Class 37/4 No. 37 421 Colas Rail. NEW £117.95
 32-390 Class 37/4 No. 37 706 'Conidas' Trainload Petroleum. £110.95
 32-430 Class 57 No. 25 296 BR Blue. £93.95
 32-681 Class 45 Diesel No. D108 BR Green. weathered. £110.95
 32-682 Class 57/6 Diesel 57 603 'Tintagel Castle' GWR. £131.95
 32-684 Class 57/6 Diesel 57 305 'Northern Princess'. £114.99
 32-781B Class 37/0 Diesel No. 37 041 BR Blue. £107.95
 32-784 Class 37/0 No. 37 242 Mainline Blue. weathered. £116.95
 32-786 Class 37/0 No. 37 174 EWS. weathered. £106.95
 32-787 Class 37/0 Diesel No. D6714 BR Green. £117.95
 32-788 Class 37/0 Diesel No. 37 284 BR Blue. £117.95
 32-828 Class 150 2 Car Sprinter DMU No. 150 150. £161.95
 32-837 Class 150/2 2 Car Sprinter DMU No. 150 202 Centra. £139.99
 32-861 Class 96 No. 96 415 Freightliner. £131.95
 32-862 Class 96 No. 96 434 DRS. £131.95
 32-992 Wickham Type 27 Trolley Car BR Engineers Yellow. £67.99
 32-993 Wickham Type 27 Trolley Car BR Engineers Yellow. £67.99

BACHMANN OO ELECTRIC & MULTIPLE UNITS

30-430 Capital Commuter Train Pack. £189.95
 31-031 Class 350/1 Desiro 4 car EMU 350 238 London Midland. £159.95
 31-032 Class 350/1 Desiro 4 car EMU 350 102 London Midland. £159.95
 31-269 Class 419 Motor Luggage Van No. 68008 Jaffa Cake. £89.95
 31-379 2EPB 2 Car Set 5771 BR with small yellow panel. £166.99
 31-380 Class 416 2-EPB 2 Car EMU Set No. 6262 BR. £166.99
 31-426A 4 CEP 4 Car EMU 7122 BR (SR) Green. £254.99
 31-428 Class 416 2 Car EMU 7122 BR Blue & Grey. £254.99
 31-679 Class 85 AL5 Electric No. E3096 BR Blue. £114.95

BACHMANN DCC FITTED & SOUND OO LOCOMOTIVES

30-048 The Permanent Way Train Set. DCC Sound. £249.99
 31-167DC L&VR 2-4-2 Steam 50795 BR Black E/E. weathered. £98.99
 31-321DS Robinson Class J11 (GCR SJ) 9594 LNER. £203.99
 31-441DC Ivatt Class 2MT 2-6-2 No. 41243 BR Black UC. £131.99
 31-661DS Class 47/3 No. 47 346 BR Dutch. DCC Sound. NEW £203.99
 32-280DS Class 101 2 Car DMU Network SouthEast. £229.95
 32-391DS Class 37/7 No. 37 796 Trainload Coal. £203.95
32-730DS Class 57/0 No. 57 007 'Freightliner Bond' DCC Sound. NEW £203.95

BACHMANN OO WAGONS/STOCKS

33-306D 20 Ton Toad Brake Van BR Grey. NEW £15.00
 38-675 GWR Shunters Truck No. 41736 GWR Grey. £9.99
 38-676 GWR Shunters Truck No. 41734 GWR Grey. £9.99
 38-677 GWR Shunters Truck No. 41733 GWR Grey. £9.99
 38-678 GWR Shunters Truck No. 41732 GWR Grey. £9.99
 38-679 GWR Shunters Truck No. 41731 GWR Grey. £9.99

BACHMANN OO COACHES

34-386 Thompson 3rd Class Corridor Coach E1014E BR. NEW £46.95
 34-411 Thompson Composite Corridor Coach E1248E BR. NEW £46.95
 34-438 Thompson Composite Brake Coach E10172E BR. NEW £46.95
 34-461 Thompson 3rd Class Brake Corridor Coach E1922E BR. NEW £46.95
34-486 Thompson 1st Class Corridor Coach BR. NEW £46.95
 34-604C BR Mk1 Suburban Open Coach BR Lined Maroon. £34.95
 34-608B BR Mk1 Suburban Second Brake Coach BR. £34.95
 34-700C BR Mk1 Suburban Composite Coach BR Lined Maroon. £34.95
 34-803 BR Mk1 Coach Pack BR Blue & Grey HSE. weathered. £99.95
 34-804 BR Mk1 Coach Pack BR Blue & Grey ScotRail. weathered. £99.95
 34-905 5 Highlander Coach Pack. £118.99
 34-925G BR Mk1 SK Second Corridor Coach No. E2588R. £34.95
 34-926E BR Mk1 Corridor Second Coach SK No. M24922 BR. £34.99
 34-926E BR Mk1 SK Second Corridor Coach No. E24945. £34.95
 34-932 BR Mk1 SK Second Corridor Coach Sealink. £34.95
 34-950G BR Mk1 SO Second Open E5057 BR Blue & Grey. £34.95
 34-951U BR Mk1 SO Second Open E4059 BR Maroon. £34.95
 34-952 BR Mk1 SK Second Open Corridor Coach. £34.95
 34-953F BR Mk1 SK Second Open Coach. £34.95
 34-956A BR Mk1 TSO Tourist Second Open No. 4854. £46.99
 34-958 BR Mk1 SO Second Open Coach Network SouthEast. £34.95
 34-975C BR Mk1 BSK Brake Second Corridor Coach Blue & Grey. £34.95
 34-976H BR Mk1 BSK Brake 2nd Corridor Coach No. E30583. £34.95
 34-977H BR Mk1 BSK Brake 2nd Corridor Coach BR. £34.95
 34-979C BR Mk1 BSK Brake 2nd Corridor Coach BR (WR) weathered. £34.95
 34-982E BR Mk1 BSK Brake 2nd Corridor Coach No. 35329. £34.95
 34-985 BR Mk1 RU Restaurant Car. £34.95
 34-125C BR Mk1 CK Composite Corridor Coach Blue & Grey. £34.95
 34-126C BR Mk1 CK Composite Corridor Coach Maroon. £34.95
 34-127B BR Mk1 CK Composite Corridor Coach E15055 BR. £34.95
 34-127C BR Mk1 CK Composite Corridor Coach BR. £34.95
 34-129C BR Mk1 CK Composite Corridor Coach BR (WR) weathered. £34.95
 34-131 BR Mk1 CK Composite Corridor Network SouthEast. £34.95
 34-150D BR Mk1 FK First Corridor Coach Blue & Grey. £34.95
 34-152 BR Mk1 FK First Class Corridor E13103 BR Maroon. £34.95
 34-152B BR Mk1 FK Corridor 1st Corridor Coach. £34.95
 34-153D BR Mk1 FK First Corridor Coach No. S13006. £34.95
 34-154C BR Mk1 FK First Corridor Coach BR (WR) weathered. £34.95
 34-186 BR Mk1 BG Full Brake Departmental. weathered. £36.95
 34-187 BR Mk1 BG Full Brake Blue. £34.95
 34-188 BR Mk1 BG Full Brake Coach Network SouthEast. £34.95
 34-225A BR Mk1 BCK Brake Composite Corridor Blue & Grey. £34.95
 34-226C BR Mk1 BCK Brake Composite Corridor Blue & Grey. £34.95
 34-228 BR Mk1 BCK Brake Composite Corridor Maroon. weathered. £34.95
 34-228D BR Mk1 BCK Brake Composite Coach S21275. £34.95
 34-240 BR Mk1 FO First Open Coach No. M3001 BR. £34.95
 34-241 BR Mk1 FO First Open Coach No. M3002 BR. £34.95
 34-242 BR Mk1 FO First Open Coach No. M3002 BR. £34.95
 34-250A BR Mk1 RFO Restaurant Car Blue & Grey. £34.95
 34-251D BR Mk1 RFO Restaurant Car BR. £34.95
 34-264A BR Mk1 RMB Miniature Buffet Car BR Blue & Grey. £34.95

39-271D BR Mk1 GUV Coach BR Maroon. £34.95
 39-272 BR Mk1 GUV Green. £34.95
 39-274 BR Mk1 GUV Intercity Maroon Blue & Grey. £34.95
 39-274A GUV E93736 BR Blue & Grey - Intercity Maroon, w/ind. £34.95
 39-276 Class 101 2 Car DMU BR Blue. £34.95
 39-282 BR Mk1 FK Pullman First Kitchen 'Robin'. £59.95
 39-292 BR Mk1 FK Pullman First Parlour 'Pearl'. £59.95
 39-310C BR Mk1 SP Pullman 2nd Parlour Coach No. 350. £59.95
 39-312 BR Mk1 SP Pullman 2nd Parlour Blue & Grey w/lighting. £59.95
 39-363 BR Mk2A TSO Tourist 2nd Open Network SouthEast. £33.99
 39-380A Mk2A BSO Brake Second Open Coach No. E9418 BR. £36.95
 39-412A BR Mk2A BSK Brake 1st Corridor Network SouthEast. £38.95
 39-455 LMS 57H Porthole Corridor 1st Coach M122M BR. £34.95
 39-460 LMS 57H Porthole Corridor Brake Coach M13154M BR. £39.99
 39-480A LMS 57H Porthole Corridor Brake 3rd M2666M, w/ind. £38.95
 39-485 LMS 60H Porthole Corridor Composite Coach BR. £33.99
 39-470A LMS 60H Porthole Corridor Brake 1st Coach BR. £33.99
 39-470A LMS 60H Porthole Corridor Brake 1st M5077M weathered. £38.95
 39-475 LMS 60H Porthole Open Vestibule Coach M7481M BR. £33.99
 39-475A LMS 60H Porthole Open Vestibule M7481M, weathered. £38.95
 39-501 SLF 1st Class Sleeper Car No. E2054 BR Blue & Grey. £41.95
 39-502A BR Mk1 SLSTP Second Class Sleeper Car BR. £41.95
 39-503A BR Mk1 SLSTP Second Class Sleeper Car BR. £41.95
 39-570A Loco-Mat No. W234 BR Crimson & Cream. £59.95

DAPOL OO LOCOMOTIVES

4D-003-004 Class 52 D1058 'Western Nobleman' BR Blue. £129.99
 4D-003-006 Class 52 D1065 'Western Coroner' BR Maroon. £129.99
 4D-003-009 Class 52 D1021 'Western Cavalier' BR Blue. £129.99
 4D-003-010 Class 52 D1010 'Western Campaigner' BR Blue. £129.95
 4D-003-012 Class 52 D1026 'Western Centurion' BR Blue. £139.95
 4D-006-000 Class 73 Electro-Diesel No. 73 102. £119.99
 4D-006-000 DCC Fitted. £137.99 4D-006-000 DCC Sound. £257.99
 4D-006-001 Class 73 Electro-Diesel No. 73 105. £124.99
 4D-006-001 DCC Fitted. £137.99 4D-006-001 DCC Sound. £257.99
 4D-006-005 Class 731 Electro-Diesel No. E6039 BR Blue. £119.99
 4D-006-005 DCC Fitted. £137.99 4D-006-005 DCC Sound. £257.99
 4D-006-006 Class 731 Electro-Diesel No. 73 138 Dutch Civil. £119.99
 4D-006-006 DCC Fitted. £137.99 4D-006-006 DCC Sound. £257.99
 4D-006-007 Class 732 Electro-Diesel No. 73 206 'Lisa' GBR. £119.99
 4D-006-007 DCC Fitted. £137.99 4D-006-007 DCC Sound. £257.99
 4D-006-008 Class 732 Electro-Diesel No. 73 206 'Lisa' GBR. £124.99
4D-022-000 Class 68 Diesel No. 68 010 Chiltern DCC Fitted. NEW £143.95
 4D-022-000 Class 68 Diesel No. 68 014 Chiltern. £123.95
 4D-022-004 Class 68 Diesel No. 68 014 Chiltern DCC Fitted. NEW £143.95

DJ MODEL OO LOCOMOTIVES

OJ394-001 Class 94 0-6-0 Steam Loco 68023 BR Black E/E. £82.99
 OJ394-002 Class 94 0-6-0 Steam Loco 68061 BR Black. £82.99
 OJ394-003 Class 94 0-6-0 Steam Loco 8064 LNER. £82.99
 OJ394-004 Class 94 0-6-0 Steam Loco 8023 LNER. £82.99
 OJ394-005 Class 94 0-6-0 Steam Loco 80608 BR. £82.99

HELJAN OO DIESEL LOCOMOTIVES

1100 4 Wheel B Tank Wagon Heljan 60th Anniversary. £21.95
 1100 4 Wheel B Tank No. ADB999041 BR Departmental. £21.95
 1100 4 Wheel B Tank No. 32399 Regent. £21.95
 1104 4 Wheel B Tank No. 409 Regent. £21.95
 1108 4 Wheel B Tank No. 249 Mobil Charrington Fuel Oil. £21.95
 1109 4 Wheel B Tank No. 201 Mobil Charrington. £21.95
 1104 4 Wheel B Tank No. UM005 United Malasses. £21.95
 1114 4 Wheel B Tank No. 4893 United Malasses. £21.95
 1150 4 Wheel A Tank Wagon No. 2274 Esso. £21.95
 1151 4 Wheel A Tank Wagon No. 4089 Esso. £21.95
 1152 4 Wheel A Tank Wagon No. 42397 Esso. £21.95
 1154 4 Wheel A Tank Wagon No. 44230 Esso. weathered. £21.95
 1174 4 Wheel A Tank Wagon Chrimpen Weckler Pack. £78.95
 1300 1361 Steam Loco No. 1361 Works Photographic Grey. £135.99
 1301 1361 Steam Loco No. 1363 GWR GWR Shuntbrn emblem. £135.99
 1302 1361 Steam Loco No. 1364 GWR GWR lettering. £135.99
 1303 1361 Steam Loco No. 1365 BR Black E/E. £135.99
 1304 1361 Steam Loco No. 1363 BR Black L/C. £135.99
 1320 1366 Steam No. 1366 GWR w/shuntbrn emblem. £135.99
 1321 1366 Steam No. 1369 GWR w/Great Western lettering. £135.99
 1322 1366 Steam No. 1370 GWR with GWR lettering. £135.99
 1323 1366 Steam No. 1367 BR Black E/E. £135.99
 1324 1366 Steam No. 1368 BR Black L/C. £135.99
 1509 Class 15 Bo-Bo No. D8204 BR Green. £101.99
 1510 Class 15 Bo-Bo No. D8209 BR Green. £101.99
 1511 Class 15 Bo-Bo No. D8204 BR Green. £101.99
 1512 Class 15 Bo-Bo No. D8242 BR Green. £101.99
 1513 Class 15 Bo-Bo ADB9800 BR Sherwood Green. £101.99

16031 Class 16 No. D6407 BR Green with full yellow ends. £80.95
 16041 Class 16

R3276 Railroad LMS Compound No. 1072 LMS Black.	\$249.99	R4566 Gresley 611 6th Corridor Brake Composite E10116E.	\$48.99	371-330 Class 150/1 2 Car Sprinter DMU 150 128 FGW.	\$131.95	25-007-011 57xx Panier Tank No. 6746 GWR.	\$72.95
R3277 Railroad Class No. 3935 "County of Devon" GWR.	\$259.99	R4569 Gresley 611 6th Corridor Brake Composite E10116E.	\$48.99	371-350A Class 60 Diesel Loco No. 60 035 EWS.	\$106.95	25-007-012 57xx Panier Tank No. 5764 GWR Green.	\$72.95
R3278 Railroad Patrol Class No. 4551B "Broadway" BR Green.	\$249.99	R4570 Gresley 611 6th Corridor 1st Class Sleeping E12016E.	\$48.99	371-357 Class 60 Diesel Loco No. 60 057.	\$103.95	25-007-013 5750 Panier Tank No. 5744 GWR Green.	\$72.95
R3279 Railroad Class No. 92220 "Evening Star" BR.	\$287.99	R4572A LNER Thompson Non-corridor Composite Coach.	\$39.99	371-358 Class 60 Diesel Loco No. 60 021.	\$103.95	25-008-001 A4 Steam 60022 "Commonwealth of Australia" BR.	\$124.99
R3282 1940 Return from Dunkirk 75th Anniversary Pack.	\$149.99	R4574 LNER Thompson Non-corridor 3rd Class Coach.	\$39.99	371-383A Class 66 Diesel Loco No. 66 101 DB Schenker.	\$106.95	25-008-002 A4 Steam 4498 "Sir Nigel Gresley" LNER Blue.	\$124.99
R3304 Drummond 700 Class No. 30316 BR Black E/E weathered.	\$299.99	R4574A LNER Thompson Non-corridor 3rd Class Coach.	\$39.99	371-384 Class 66 No. 66 208 EWS weathered.	\$105.99	25-008-004 A4 Steam No. 60022 "Mallard" BR Blue - DCC Fitted.	\$124.99
R3305 K1 Class No. 62059 BR Black E/E weathered.	\$249.99	R4580 MK2 Buffet Coach No. 40754 Midland Mainline.	\$28.49	371-396 Class 66 No. 66 731 "Interurb" GBR.	\$103.95	25-008-005 A4 Steam No. 60022 "Mallard" BR Green.	\$124.99
R3307 K1 Class No. 2510 "Quicksilver" LNER Silver.	\$299.99	R4591 MK3 Trailer Guard Standard 44027 Midland Mainline.	\$28.49	371-397 Class 66 Diesel Loco No. 66 040 DBS Plain Blue Compas.	\$106.95	25-008-006 A4 Steam No. 60022 "Woodcock" BR Green.	\$124.99
R3310 K1 Class No. 2614 "Quicksilver" LNER Silver.	\$299.99	R4592 MK3 Trailer Guard Standard 44027 Midland Mainline.	\$28.49	371-401 Class 66 Diesel Loco No. 66 040 DBS Plain Blue Compas.	\$106.95	25-008-007 A4 Steam No. 60033 "Seagull" BR Green.	\$124.99
R3310 West Country Class No. 34006 "Duke" BR Green L/C.	\$127.99	R4597 MK3 Night Riviera Sleeping Car No. 10651 FGW.	\$28.49	371-404 Class 66 Diesel Loco No. 66 040 DBS Plain Blue Compas.	\$106.95	25-008-008 A4 Steam No. 4498 "Mallard" LNER.	\$124.99
R3311 Schools Class Steam 30908 "Westminster" BR E/E.	\$127.99	R4598 Gresley Tank 611 6th Corridor Brake Composite Coach.	\$39.99	371-405 Class 66 Diesel Loco No. 66 040 DBS Plain Blue Compas.	\$106.95	25-008-009 A4 Steam No. 4482 "Golden Eagle" LNER.	\$124.99
R3312 A4 Class No. 60062 BR Green E/E & GN Tender.	\$154.99	R4600 Gresley Tank 611 6th Corridor First Coach E11016E.	\$39.99	371-406 Class 66 Diesel Loco No. 66 040 DBS Plain Blue Compas.	\$106.95	25-008-010 A4 Steam No. 4482 "Golden Eagle" LNER.	\$124.99
R3313 A4 Class No. 4323 LMS Black.	\$299.99	R4601 Gresley Tank 611 6th Corridor First Coach E11016E.	\$39.99	371-407 Class 66 Diesel Loco No. 66 040 DBS Plain Blue Compas.	\$106.95	25-008-011 A4 Steam No. 4482 "Golden Eagle" LNER.	\$124.99
R3314 A4 Class No. 4431 BR Black E/E.	\$299.99	R4602 MK3 Buffet Coach No. 44008 BR Black & Grey.	\$28.49	371-408 Class 66 Diesel Loco No. 66 040 DBS Plain Blue Compas.	\$106.95	25-008-012 A4 Steam No. 4482 "Golden Eagle" LNER.	\$124.99
R3315 Fowler 2P Class No. 40602 BR Black L/C.	\$299.99	R4603 MK3 Buffet Coach No. 44008 BR Black & Grey.	\$28.49	371-409 Class 66 Diesel Loco No. 66 040 DBS Plain Blue Compas.	\$106.95	25-008-013 A4 Steam No. 4482 "Golden Eagle" LNER.	\$124.99
R3316 B17 Class No. 61846 "Giverny Park" BR Green.	\$131.99	R4604 MK3 Buffet Coach No. 44008 BR Black & Grey.	\$28.49	371-410 Class 66 Diesel Loco No. 66 040 DBS Plain Blue Compas.	\$106.95	25-008-014 A4 Steam No. 4482 "Golden Eagle" LNER.	\$124.99
R3317 A4 Class No. 60023 "Golden Eagle" BR Blue E/E.	\$299.99	R4605 MK2 Buffet Coach No. 44008 BR Black & Grey.	\$28.49	371-411 Class 66 Diesel Loco No. 66 040 DBS Plain Blue Compas.	\$106.95	25-008-015 A4 Steam No. 4482 "Golden Eagle" LNER.	\$124.99
R3323 A4 Class No. 44609 BR Black L/C.	\$299.99	R4606 MK2 Buffet Coach No. 44008 BR Black & Grey.	\$28.49	371-412 Class 66 Diesel Loco No. 66 040 DBS Plain Blue Compas.	\$106.95	25-008-016 A4 Steam No. 4482 "Golden Eagle" LNER.	\$124.99
R3324 J50 Class No. 635 LNER Black.	\$124.99	R4607 MK2 Buffet Coach No. 44008 BR Black & Grey.	\$28.49	371-413 Class 66 Diesel Loco No. 66 040 DBS Plain Blue Compas.	\$106.95	25-008-017 A4 Steam No. 4482 "Golden Eagle" LNER.	\$124.99
R3327 Maunsell S15 Class No. 824.	\$114.99	R4608 MK2 Buffet Coach No. 44008 BR Black & Grey.	\$28.49	371-414 Class 66 Diesel Loco No. 66 040 DBS Plain Blue Compas.	\$106.95	25-008-018 A4 Steam No. 4482 "Golden Eagle" LNER.	\$124.99
R3328 Maunsell S15 Class No. 30843 BR Black.	\$299.99	R4609 MK2 Buffet Coach No. 44008 BR Black & Grey.	\$28.49	371-415 Class 66 Diesel Loco No. 66 040 DBS Plain Blue Compas.	\$106.95	25-008-019 A4 Steam No. 4482 "Golden Eagle" LNER.	\$124.99
R3329 Maunsell S15 Class No. 30843 BR Black.	\$299.99	R4610 MK2 Buffet Coach No. 44008 BR Black & Grey.	\$28.49	371-416 Class 66 Diesel Loco No. 66 040 DBS Plain Blue Compas.	\$106.95	25-008-020 A4 Steam No. 4482 "Golden Eagle" LNER.	\$124.99
R3331 King Class No. 6011.	\$114.99	R4611 MK2 Buffet Coach No. 44008 BR Black & Grey.	\$28.49	371-417 Class 66 Diesel Loco No. 66 040 DBS Plain Blue Compas.	\$106.95	25-008-021 A4 Steam No. 4482 "Golden Eagle" LNER.	\$124.99
R3332 King Class No. 6029.	\$114.99	R4612 MK2 Buffet Coach No. 44008 BR Black & Grey.	\$28.49	371-418 Class 66 Diesel Loco No. 66 040 DBS Plain Blue Compas.	\$106.95	25-008-022 A4 Steam No. 4482 "Golden Eagle" LNER.	\$124.99
R3333 Adams Radial Steam Loco No. 30584 BR Black E/E.	\$299.99	R4613 MK2 Buffet Coach No. 44008 BR Black & Grey.	\$28.49	371-419 Class 66 Diesel Loco No. 66 040 DBS Plain Blue Compas.	\$106.95	25-008-023 A4 Steam No. 4482 "Golden Eagle" LNER.	\$124.99
R3334 Adams Radial Steam Loco No. 30584 BR Black E/E.	\$299.99	R4614 MK2 Buffet Coach No. 44008 BR Black & Grey.	\$28.49	371-420 Class 66 Diesel Loco No. 66 040 DBS Plain Blue Compas.	\$106.95	25-008-024 A4 Steam No. 4482 "Golden Eagle" LNER.	\$124.99
R3335 Adams Radial Steam Loco No. 30584 BR Black E/E.	\$299.99	R4615 MK2 Buffet Coach No. 44008 BR Black & Grey.	\$28.49	371-421 Class 66 Diesel Loco No. 66 040 DBS Plain Blue Compas.	\$106.95	25-008-025 A4 Steam No. 4482 "Golden Eagle" LNER.	\$124.99
R3336 A4 Class 4472 "Tyne Seaboard" LNER Green.	\$124.99	R4616 MK2 Buffet Coach No. 44008 BR Black & Grey.	\$28.49	371-422 Class 66 Diesel Loco No. 66 040 DBS Plain Blue Compas.	\$106.95	25-008-026 A4 Steam No. 4482 "Golden Eagle" LNER.	\$124.99
R3338 Thompson B1 Class No. 61310 LNER Green.	\$139.99	R4617 MK2 Buffet Coach No. 44008 BR Black & Grey.	\$28.49	371-423 Class 66 Diesel Loco No. 66 040 DBS Plain Blue Compas.	\$106.95	25-008-027 A4 Steam No. 4482 "Golden Eagle" LNER.	\$124.99
R3339 Princess Coronation Class 6229 "Duchess of Hamilton".	\$119.99	R4618 MK2 Buffet Coach No. 44008 BR Black & Grey.	\$28.49	371-424 Class 66 Diesel Loco No. 66 040 DBS Plain Blue Compas.	\$106.95	25-008-028 A4 Steam No. 4482 "Golden Eagle" LNER.	\$124.99
R3356 Railcraft Cross Boiler 9F Class 92021 BR weathered.	\$119.99	R4619 MK2 Buffet Coach No. 44008 BR Black & Grey.	\$28.49	371-425 Class 66 Diesel Loco No. 66 040 DBS Plain Blue Compas.	\$106.95	25-008-029 A4 Steam No. 4482 "Golden Eagle" LNER.	\$124.99
R3360 Railcraft Ex-Industrial 0-4-0 No. 087 Molybdenum.	\$229.99	R4620 MK2 Buffet Coach No. 44008 BR Black & Grey.	\$28.49	371-426 Class 66 Diesel Loco No. 66 040 DBS Plain Blue Compas.	\$106.95	25-008-030 A4 Steam No. 4482 "Golden Eagle" LNER.	\$124.99
R3361 Railcraft Ex-Industrial 0-4-0 No. 8 Hogarth Stone.	\$229.99	R4621 MK2 Buffet Coach No. 44008 BR Black & Grey.	\$28.49	371-427 Class 66 Diesel Loco No. 66 040 DBS Plain Blue Compas.	\$106.95	25-008-031 A4 Steam No. 4482 "Golden Eagle" LNER.	\$124.99
R3371 Railroad Class No. 4466 "Mallard" LNER.	\$79.99	R4622 MK2 Buffet Coach No. 44008 BR Black & Grey.	\$28.49	371-428 Class 66 Diesel Loco No. 66 040 DBS Plain Blue Compas.	\$106.95	25-008-032 A4 Steam No. 4482 "Golden Eagle" LNER.	\$124.99
R3380 Class J15 No. 7510 LNER Black.	\$299.99	R4623 MK2 Buffet Coach No. 44008 BR Black & Grey.	\$28.49	371-429 Class 66 Diesel Loco No. 66 040 DBS Plain Blue Compas.	\$106.95	25-008-033 A4 Steam No. 4482 "Golden Eagle" LNER.	\$124.99
R3381 Class J15 No. 65475 BR Black E/E.	\$299.99	R4624 MK2 Buffet Coach No. 44008 BR Black & Grey.	\$28.49	371-430 Class 66 Diesel Loco No. 66 040 DBS Plain Blue Compas.	\$106.95	25-008-034 A4 Steam No. 4482 "Golden Eagle" LNER.	\$124.99
R3382 LMS Suburban Passenger Train Pack.	\$232.99	R4625 MK2 Buffet Coach No. 44008 BR Black & Grey.	\$28.49	371-431 Class 66 Diesel Loco No. 66 040 DBS Plain Blue Compas.	\$106.95	25-008-035 A4 Steam No. 4482 "Golden Eagle" LNER.	\$124.99
R3383 LMS Suburban Passenger Train Pack.	\$232.99	R4626 MK2 Buffet Coach No. 44008 BR Black & Grey.	\$28.49	371-432 Class 66 Diesel Loco No. 66 040 DBS Plain Blue Compas.	\$106.95	25-008-036 A4 Steam No. 4482 "Golden Eagle" LNER.	\$124.99
R3384 LMS Suburban Passenger Train Pack.	\$232.99	R4627 MK2 Buffet Coach No. 44008 BR Black & Grey.	\$28.49	371-433 Class 66 Diesel Loco No. 66 040 DBS Plain Blue Compas.	\$106.95	25-008-037 A4 Steam No. 4482 "Golden Eagle" LNER.	\$124.99
R3385 LMS Suburban Passenger Train Pack.	\$232.99	R4628 MK2 Buffet Coach No. 44008 BR Black & Grey.	\$28.49	371-434 Class 66 Diesel Loco No. 66 040 DBS Plain Blue Compas.	\$106.95	25-008-038 A4 Steam No. 4482 "Golden Eagle" LNER.	\$124.99
R3386 LMS Suburban Passenger Train Pack.	\$232.99	R4629 MK2 Buffet Coach No. 44008 BR Black & Grey.	\$28.49	371-435 Class 66 Diesel Loco No. 66 040 DBS Plain Blue Compas.	\$106.95	25-008-039 A4 Steam No. 4482 "Golden Eagle" LNER.	\$124.99
R3387 LMS Suburban Passenger Train Pack.	\$232.99	R4630 MK2 Buffet Coach No. 44008 BR Black & Grey.	\$28.49	371-436 Class 66 Diesel Loco No. 66 040 DBS Plain Blue Compas.	\$106.95	25-008-040 A4 Steam No. 4482 "Golden Eagle" LNER.	\$124.99
R3388 LMS Suburban Passenger Train Pack.	\$232.99	R4631 MK2 Buffet Coach No. 44008 BR Black & Grey.	\$28.49	371-437 Class 66 Diesel Loco No. 66 040 DBS Plain Blue Compas.	\$106.95	25-008-041 A4 Steam No. 4482 "Golden Eagle" LNER.	\$124.99
R3389 LMS Suburban Passenger Train Pack.	\$232.99	R4632 MK2 Buffet Coach No. 44008 BR Black & Grey.	\$28.49	371-438 Class 66 Diesel Loco No. 66 040 DBS Plain Blue Compas.	\$106.95	25-008-042 A4 Steam No. 4482 "Golden Eagle" LNER.	\$124.99
R3390 LMS Suburban Passenger Train Pack.	\$232.99	R4633 MK2 Buffet Coach No. 44008 BR Black & Grey.	\$28.49	371-439 Class 66 Diesel Loco No. 66 040 DBS Plain Blue Compas.	\$106.95	25-008-043 A4 Steam No. 4482 "Golden Eagle" LNER.	\$124.99
R3391 LMS Suburban Passenger Train Pack.	\$232.99	R4634 MK2 Buffet Coach No. 44008 BR Black & Grey.	\$28.49	371-440 Class 66 Diesel Loco No. 66 040 DBS Plain Blue Compas.	\$106.95	25-008-044 A4 Steam No. 4482 "Golden Eagle" LNER.	\$124.99
R3392 LMS Suburban Passenger Train Pack.	\$232.99	R4635 MK2 Buffet Coach No. 44008 BR Black & Grey.	\$28.49	371-441 Class 66 Diesel Loco No. 66 040 DBS Plain Blue Compas.	\$106.95	25-008-045 A4 Steam No. 4482 "Golden Eagle" LNER.	\$124.99
R3393 LMS Suburban Passenger Train Pack.	\$232.99	R4636 MK2 Buffet Coach No. 44008 BR Black & Grey.	\$28.49	371-442 Class 66 Diesel Loco No. 66 040 DBS Plain Blue Compas.	\$106.95	25-008-046 A4 Steam No. 4482 "Golden Eagle" LNER.	\$124.99
R3394 LMS Suburban Passenger Train Pack.	\$232.99	R4637 MK2 Buffet Coach No. 44008 BR Black & Grey.	\$28.49	371-443 Class 66 Diesel Loco No. 66 040 DBS Plain Blue Compas.	\$106.95	25-008-047 A4 Steam No. 4482 "Golden Eagle" LNER.	\$124.99
R3395 LMS Suburban Passenger Train Pack.	\$232.99	R4638 MK2 Buffet Coach No. 44008 BR Black & Grey.	\$28.49	371-444 Class 66 Diesel Loco No. 66 040 DBS Plain Blue Compas.	\$106.95	25-008-048 A4 Steam No. 4482 "Golden Eagle" LNER.	\$124.99
R3396 LMS Suburban Passenger Train Pack.	\$232.99	R4639 MK2 Buffet Coach No. 44008 BR Black & Grey.	\$28.49	371-445 Class 66 Diesel Loco No. 66 040 DBS Plain Blue Compas.	\$106.95	25-008-049 A4 Steam No. 4482 "Golden Eagle" LNER.	\$124.99
R3397 LMS Suburban Passenger Train Pack.	\$232.99	R4640 MK2 Buffet Coach No. 44008 BR Black & Grey.	\$28.49	371-446 Class 66 Diesel Loco No. 66 040 DBS Plain Blue Compas.	\$106.95	25-008-050 A4 Steam No. 4482 "Golden Eagle" LNER.	\$124.99
R3398 LMS Suburban Passenger Train Pack.	\$232.99	R4641 MK2 Buffet Coach No. 44008 BR Black & Grey.	\$28.49	371-447 Class 66 Diesel Loco No. 66 040 DBS Plain Blue Compas.	\$106.95	25-008-051 A4 Steam No. 4482 "Golden Eagle" LNER.	\$124.99
R3399 LMS Suburban Passenger Train Pack.	\$232.99	R4642 MK2 Buffet Coach No. 44008 BR Black & Grey.	\$28.49	371-448 Class 66 Diesel Loco No. 66 040 DBS Plain Blue Compas.	\$106.95	25-008-052 A4 Steam No. 4482 "Golden Eagle" LNER.	\$124.99
R3400 LMS Suburban Passenger Train Pack.	\$232.99	R4643 MK2 Buffet Coach No. 44008 BR Black & Grey.	\$28.49	371-449 Class 66 Diesel Loco No. 66 040 DBS Plain Blue Compas.	\$106.95	25-008-053 A4 Steam No. 4482 "Golden Eagle" LNER.	\$124.99
R3401 The Bristolian Train Pack - Limited Edition.	\$129.99	R4644 MK2 Buffet Coach No. 44008 BR Black & Grey.	\$28.49	371-450 Class 66 Diesel Loco No. 66 040 DBS Plain Blue Compas.	\$106.95	25-008-054 A4 Steam No. 4482 "Golden Eagle" LNER.	\$124.99
R3405 J50 Class 0-6-0 No. 585 LNER Black.	\$79.99	R4645 MK2 Buffet Coach No. 44008 BR Black & Grey.	\$28.49	371-451 Class 66 Diesel Loco No. 66 040 DBS Plain Blue Compas.	\$106.95	25-008-055 A4 Steam No. 4482 "Golden Eagle" LNER.	\$124.99
R3406 J50 Class 0-6-0 No. 14 Departmental BR Black L/C.	\$79.99	R4646 MK2 Buffet Coach No. 44008 BR Black & Grey.	\$28.49	371-452 Class 66 Diesel Loco No. 66 040 DBS Plain Blue Compas.	\$106.95	25-008-056 A4 Steam No. 4482 "Golden Eagle" LNER.	\$124.99
R3407 J50 Class 0-6-0 No. 8899 BR Black E/E.	\$79.99	R4647 MK2 Buffet Coach No. 44008 BR Black & Grey.	\$28.49	371-453 Class 66 Diesel Loco No. 66 040 DBS Plain Blue Compas.	\$106.95	25-008-057 A4 Steam No. 4482 "Golden Eagle" LNER.	\$124.99
R3408 J50 Class 0-6-0 No. 8899 BR Black E/E.	\$79.99	R4648 MK2 Buffet Coach No. 44008 BR Black & Grey.	\$28.49	371-454 Class 66 Diesel Loco No. 66 040 DBS Plain Blue Compas.	\$106.95	25-008-058 A4 Steam No. 4482 "Golden Eagle" LNER.	\$124.99
R3409 J50 Class 0-6-0 No. 8899 BR Black E/E.	\$79.99	R4649 MK2 Buffet Coach No. 44008 BR Black & Grey.	\$28.49	371-455 Class 66 Diesel Loco No. 66 040 DBS Plain Blue Compas.	\$106.95	25-008-059 A4 Steam No. 4482 "Golden Eagle" LNER.	\$124.99
R3410 J50 Class 0-6-0 No. 8899 BR Black E/E.	\$79.99	R4650 MK2 Buffet Coach No. 44008 BR Black & Grey.	\$28.49	371-456 Class 66 Diesel Loco No. 66 040 DBS Plain Blue Compas.	\$106.95	25-008-060 A4 Steam No. 4482 "Golden Eagle" LNER.	\$124.99
R3411 Maunsell S15 Class No. 30843 BR Black E/E.	\$129.99	R4651 MK2 Buffet Coach No. 44008 BR Black & Grey.	\$28.49	371-457 Class 66 Diesel Loco No. 66 040 DBS Plain Blue Compas.	\$106.95	25-008-061 A4 Steam No. 4482 "Golden Eagle" LNER.	\$124.99
R3412 Maunsell S15 Class No. 30843 BR Black E/E.	\$129.99	R4652 MK2 Buffet Coach No. 44008 BR Black & Grey.	\$28.49	371-458 Class 66 Diesel Loco No. 66 040 DBS Plain Blue Compas.	\$106.95	25-008-062 A4 Steam No. 4482 "Golden Eagle" LNER.	\$124.99
R3413 Maunsell S15 Class No. 30831 BR Black L/C.	\$129.99	R4653 MK2 Buffet Coach No. 44008 BR Black & Grey.	\$28.49	371-459 Class 66 Diesel Loco No. 66 040 DBS Plain Blue Compas.	\$106.95	25-008-063 A4 Steam No. 4482 "Golden Eagle" LNER.	\$124.99
R3414 J15 Class 0-6-0 No. 5444 LNER Black.	\$106.99	R4654 MK2 Buffet Coach No. 44008 BR Black & Grey.	\$28.49	371-460 Class 66 Diesel Loco No. 66 040 DBS Plain Blue Compas.	\$106.95	25-008-064 A4 Steam No. 4482 "Golden Eagle" LNER.	\$124.99
R3415 J15 Class 0-6-0 No. 5444 LNER Black.	\$106.99	R4655 MK2 Buffet Coach No. 44008 BR Black & Grey.	\$28.49	371-461 Class 66 Diesel Loco No. 66 040 DBS Plain Blue Compas.	\$106.95	25-008-065 A4 Steam No. 4482 "Golden Eagle" LNER.	\$124.99
R3416 J15 Class 0-6-0 No. 5444 LNER Black.	\$106.99	R4656 MK2 Buffet Coach No. 44008 BR Black & Grey.	\$28.49	371-462 Class 66 Diesel Loco No. 66 040 DBS Plain Blue Compas.	\$106.95	25-008-066 A4 Steam No. 4482 "Golden Eagle" LNER.	\$124.99
R3417 K1 Class No. 62005 BR Black L/C.	\$127.99	R4657 MK2 Buffet Coach No. 44008 BR Black & Grey.	\$28.49	371-463 Class 66 Diesel Loco No. 66 040 DBS Plain Blue Compas.	\$106.95	25-008-067 A4 Steam No. 4482 "Golden Eagle" LNER.	\$124.99
R3418 K1 Class No. 62005 BR Black L/C.	\$127.99	R4658 MK2 Buffet Coach No. 44008 BR Black & Grey.	\$28.49	371-464 Class 66 Diesel Loco No. 66 040 DBS Plain Blue Compas.	\$106.95	25-008-068 A4 Steam No. 4482 "Golden Eagle" LNER.	\$124.99
R3419 K1 Class No. 62005 BR Black L/C.	\$127.99	R4659 MK2 Buffet Coach No. 44008 BR Black & Grey.	\$28.49	371-465 Class 66 Diesel Loco No. 66 040 DBS Plain Blue Compas.	\$106.95	25-008-069 A4 Steam No. 4482 "Golden Eagle" LNER.	\$124.99
R3420 K1 Class No. 62005 BR Black L/C.	\$127.99	R4660 MK2 Buffet Coach No. 44008 BR Black & Grey.	\$28.49	371-466 Class 66 Diesel Loco No. 66 040 DBS Plain Blue Compas.	\$106.95	25-008-070 A4 Steam No. 4482 "Golden Eagle" LNER.	\$124.99
R3421 K1 Class No. 62005 BR Black L/C.	\$127.99	R4661 MK2 Buffet Coach No. 44008 BR Black & Grey.	\$28.49	371-467 Class 66 Diesel Loco No. 66 040 DBS Plain Blue Compas.	\$106.95	25-008-071 A4 Steam No. 4482 "Golden Eagle" LNER.	\$124.99
R3422 K1 Class No. 62005 BR Black L/C.	\$127.99	R4662 MK2 Buffet Coach No. 44008 BR Black & Grey.	\$28.49	371-468 Class 66 Diesel Loco No. 66 040 DBS Plain Blue Compas.	\$106.95	25-008-072 A4 Steam No. 4482 "Golden Eagle" LNER.	\$124.99
R3423 K1 Class No. 62005 BR Black L/C.	\$127.99	R4663 MK2 Buffet Coach No. 44008 BR Black & Grey.	\$28.49	371-469 Class 66 Diesel Loco No. 66 040 DBS Plain Blue Compas.	\$106.95	25-008-073 A4 Steam No. 4482 "Golden Eagle" LNER.	\$124.99
R3424 K1 Class No. 62005 BR Black L/C.	\$127.99	R4664 MK2 Buffet Coach No. 44008 BR Black & Grey.</					

The 4-4-0

BRITAIN'S LONGEST LASTING PASSENGER DESIGN

The Victorian age spawned a new era of passenger locomotive designed to handle increasing loads and faster speeds and the resulting 4-4-0s could be found hauling passenger trains into the 1960s. **TREVOR JONES** reviews the available 4-4-0s in model form and rounds up the full BR fleet.

Below: At the peak of the design there were more than 140 different classes of 4-4-0 operating on Britain's railway in the 1920s, but this had shrunk to just 39 by 1948. In model form we have been treated to 14 ready-to-run 4-4-0s with more available in kit form. Here a Bachmann Great Central 'Director' 4-4-0 stands with a GWR 'City' and a Hornby Maunsell 'Schools' and LMS '2P' alongside a kit built SR 'E1' and LNER 'D21'.



Bachmann's GWR 'City' 4-4-0 has been released with several identities following its debut for the National Collection in Miniature as 3440 *City of Truro*. This is 3433 *City of Bath*.



THE 4-4-0 WAS THE VICTORIAN railway engineer's answer to the need for more power and speed to handle heavier trains. In the late 19th century, the pre-grouping railway companies sought to replace under-powered 2-2-2, 2-4-0 and 0-6-0 designs on passenger services and some of their replacements were to continue in front line service into the British Railways era.

Even by the 1920s the 4-4-0 was still the prime mover for passenger traffic, although it was being rapidly joined by a growing list of more powerful 4-6-0s and the first of the new breed of 4-6-2 'Pacifics'. However, by nationalisation the situation had changed. Those that remained had been relegated to secondary duties and cross-country routes, with the main exception being the Southern Railway's (SR) mighty Maunsell 'Schools' class which were the last 4-4-0 class to be built as well as being the most powerful in Britain.

Despite their reduction and relegation, a remarkable number of earlier classes remained part of the steam scene in the 1950s – particularly on the Eastern Region – and the last examples of the type weren't withdrawn until 1963. Looking at the history of the 4-4-0 during the grouping era in 1924, it was the most prevalent wheel arrangement for passenger locomotives with only the Great Western Railway (GWR) having started a major change to 4-6-0 designs. Table 1 compares the number of 4-4-0 classes and their quantity with 4-6-0 and 4-6-2 classes of the same era.

In 1924 we find 4-4-0s comprised 66% of tender passenger motive power with 3,069 locomotives from 137 classes. This declined by nationalisation but 4-4-0s still formed almost 50% of tender passenger motive power in 1948, with a number of pre-grouping designs continuing to give service until 1960. The Southern 'Schools' and the Midland Region's '2Ps' were amongst the last to be withdrawn with these classes finding work until 1962 and 1963 respectively. Table 2 lists all the 4-4-0 classes that were operated by BR and their final withdrawal dates.

MODEL 4-4-0s

In reviewing the available models of British 4-4-0s we find that out of 39 classes running in 1948 we currently have 13 available in ready-to-run form. These are the GWR 'Dukedog', 'City' and »

READY-TO-RUN

'County', SR 'T9' and 'Schools', London Midland & Scottish Railway (LMS) '2P' and 'Compound' and London and North Eastern Railway (LNER) 'D11/1' and 'D11/2', 'D16' and 'D49' while many other classes are available in kit form.

This is a radical improvement on the past as it wasn't until the 1960s that the 'OO' gauge market received its first proper 4-4-0 model in Tri-ang's Maunsell 'L1' 4-4-0. This was followed by the Airfix LMS '2P' 4-4-0 – a model which has since passed to Hornby – which was then followed in the 1980s by the Hornby GWR 'County', SR 'Schools' and LNER 'D49' models, all of which have now been reborn in the RailRoad range with new locomotive drive mechanisms.

However, since those 1980s arrivals there was a long wait until Hornby delivered its present day standard models of the Drummond 'T9' and Maunsell 'Schools' in 2008 and 2009 which have since been followed by an impressive range of quality 21st century standard models of sought-after classes. This includes three locomotives for the National Railway Museum – Churchward 'City' 4-4-0 3440 *City of Truro*, Midland 'Compound' 4-4-0 1000 and Great Central Railway 'Director' 4-4-0 506 *Butler Henderson*. All three have since been released by Bachmann in its main range with several versions of the 'City' being released alongside versions of the later LMS 'Compound' and both GCR and Scottish 'Director' classes. The most recent arrival is Hornby's fine model of the Gresley 'D16' 4-4-0 for the Eastern Region which landed in late 2015.

If you are modelling in 'N' gauge then there is currently only one choice – Dapol's 2016 released Maunsell 'Schools' 4-4-0 for the Southern Railway.

4-4-0 PERFORMANCE

On the full size railway, the performance of the 4-4-0 fleet ultimately became limited in its ability to keep up with increasing train weights which led to their replacement on heavy expresses by 4-6-0s and 4-6-2s and in model form the same is true. We wouldn't expect a 4-4-0 in 'OO' gauge

The Bachmann GWR 'Dukedog' has been a popular addition to its range which has been released in both GWR and BR liveries. Like all new Bachmann steam locomotives it is fitted with a 21-pin decoder socket in the tender.



Hornby's LMS Fowler '2P' 4-4-0 has had a long life span and recently it has been upgraded to have a locomotive drive mechanism. This LMS lined black version was amongst the first to feature the locomotive drive.



TABLE 1 - 4-4-0 COMPARISONS: 1924 AND 1948

	4-4-0 classes	4-4-0 total	4-6-0 classes	4-6-0 total	4-6-2 classes	4-6-2 total
GWR 1924	16	437	3	150	1	1
GWR 1948	2	36	9	735		
SR 1924	31	695	7	72		
SR 1948	16	332	6	173	2	150
LMS 1924	42	947	15	590		
LMS 1948	10	616	6	1,163	2	51
LNER 1924	48	990	21	267	2	17
LNER 1948	18	446	7	586	4	173



TABLE 2 - BRITISH RAILWAYS OPERATED 4-4-0s

Class	Introduced	Numbers (BR period)	Total built	Last withdrawn
GWR Collett 'Dukedog' 4-4-0	1936	9000-9028	30	1960
GWR Churchward 'City' 4-4-0	1902	3440	20	1931
LSWR Drummond 'L12' 4-4-0	1904	30415-30434	20	1955
LSWR Drummond 'D15' 4-4-0	1912	30463-30472	10	1956
LSWR Drummond 'S11' 4-4-0	1903	30395-30404	10	1956
LSWR Drummond 'T9' 4-4-0	1899	30113-30338 (with gaps)	66	1963
SECR Stirling 'B1' 4-4-0	1898	31005-31459 (with gaps)	29	1950
SECR Stirling 'F1' 4-4-0	1883	31002-31231 (with gaps)	76	1951
SECR Wainwright 'D' 4-4-0	1901	31067-31750 (with gaps)	30	1957
SECR Maunsell 'D1' 4-4-0s	1913 (rebuilt)	31145-31749 (with gaps)	21	1962
SECR Wainwright 'E' 4-4-0s	1905	31036-31587 (with gaps)	26	1954
SECR Maunsell 'E1' 4-4-0s	1919 (rebuilt)	31019-31511 (with gaps)	11	1961
SECR Wainwright 'L' 4-4-0s	1914	31760-31781	22	1961
SR Maunsell 'L1' 4-4-0s	1926	31753-31789 (with gaps)	15	1963
LBSCR Billinton 'B4'/'B4X' 4-4-0s	1899	32044-32073	33	1952
SR Maunsell 'Schools' 4-4-0	1930	30900-30939	40	1962
MR Johnson '2P' 4-4-0	1882	40332-40562	275	1963
MR Johnson '3P' 4-4-0	1901	40711-40762	80	1953
MR 'Compound' 4-4-0	1901	41000-41044	45	1953
LMS Fowler '2P' 4-4-0	1928	40563-40700	138	1963
LMS 'Compound' 4-4-0	1924	40900-40939 and 41045-41199	195	1961
HR 'Loch' 4-4-0	1896	54397 and 54385 (never carried)	18	1950
HR 'Small Ben' 4-4-0	1898	54397-54416 (with gaps)	20	1953
CR '139' 4-4-0	1915	54438-54460	24	1958
CR 'Pickersgill' 4-4-0s	1916	54461-54508	48	1963
GNR Ivatt 'D1' 4-4-0	1911	62203-62215 (with gaps)	15	1951
GNR Ivatt 'D2' 4-4-0	1898	62150-62256 (with gaps)	70	1951
GNR Ivatt 'D3' and 'D4' 4-4-0	1896	62000, 62116-62148 (with gaps)	51	1951
GCR Robinson 'D9' 4-4-0	1901	62300-62333 (with gaps)	40	1950
GCR Robinson 'D10' 4-4-0	1913	62650-62659	10	1955
GCR Robinson 'D11' 4-4-0	1920	62660-62694	35	1961
GER Holden 'D15'/'D16' 4-4-0	1910	62501-62538/62510-62620	111	1960
NE Worsdell 'D20' 4-4-0	1899	62340-62397	60	1957
NBR Reid 'D29' 4-4-0	1909	62400-62413 (with gaps)	16	1952
NBR Reid 'D30' 4-4-0	1912	62417-62422 (with gaps)	27	1960
NBR Holmes 'D31' 4-4-0	1884	62059-62072 and 62281-62283 (with gaps)	48	1952
NBR Holmes 'D32'/'D33' 4-4-0	1906	62443-62454 and 62455-62466 (with gaps)	24	1953
NBR Reid 'Glen' 4-4-0	1913	62467-62498 (with gaps)	32	1961
GNSR Pickersgill 'D40' 4-4-0	1893	62260-62279 (with gaps)	21	1958
GNSR Johnson 'D41' 4-4-0	1893	62225-62256 (with gaps)	32	1953
LNER Gresley 'D49' 4-4-0	1927	62700-62775	76	1961

RAILWAY OPERATORS

GWR	Great Western Railway
LSWR	London and South Western Railway
SECR	South Eastern and Chatham Railway
SR	Southern Railway
MR	Midland Railway
LMS	London, Midland & Scottish Railway
HR	Highland Railway
CR	Caledonian Railway
GNR	Great Northern Railway
GCR	Great Central Railway
GER	Great Eastern Railway
NE	North Eastern Railway
NBR	North British Railway
GNSR	Great North of Scotland Railway
LNER	London and North Eastern Railway

to be able to match performance of a larger 'Pacific' as, except in the case of the Maunsell 'Schools', it would be a rare duty for a single 4-4-0.

One of the great challenges in developing 4-4-0 models is a balance of weight to ensure maximum adhesion for the driving wheels. All current models, including those in Hornby's RailRoad range, employ a locomotive drive mechanism and similarly all are equipped with a Digital Command Control (DCC) decoder socket located in the tender. The difference here is that Bachmann models are fitted with a 21-pin decoder socket while Hornby products feature an 8-pin socket.

There are choices from a price point too. Hornby's RailRoad range contains the GWR 'County', SR 'Schools' and LNER 'D49' all of which are priced between £90 and £95 compared to £155 for a full detail latest generation model of the 'Schools'. Bachmann's 4-4-0s are priced between £132 and £175 with the most expensive being the elaborately decorated Great Central Railway lined green version of the 'D11' 4-6-0 planned for release during 2017.

To establish the models' performance figures we set up a test with a rake of free >>

The Maunsell 'Schools' was the most powerful of Britain's 4-4-0s and one of the last of the breed to be withdrawn.

On Twelve Trees Junction a Hornby model of 30901 Winchester heads a van train and passes a Bachmann Billinton 'E4' 0-6-2T.



4-4-0s IN SERVICE

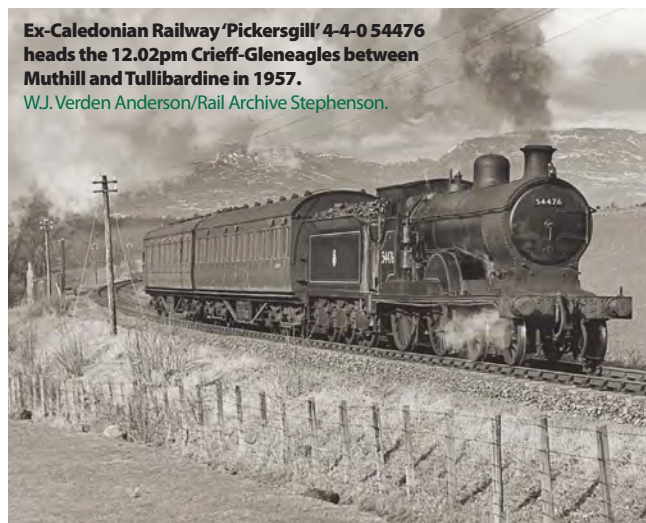
GWR 'Dukedog' 4-4-0 9004 pauses at Portmadoc with an up slow in September 1958. These 1938 introduced 4-4-0s were synonymous with the Cambrian Coast route.
Stephen Summerson/Rail Archive Stephenson.



Midland '2P' 4-4-0 40420 leaves Hose Tunnel with a Northampton-Nottingham London Road (low level) train on June 6 1951.
John P. Wilson/Rail Archive Stephenson



On uncharted territory for the class, Drummond 'T9' 4-4-0 30304 pauses at Welshpool with a Tallylyn Railway Preservation Society AGM special on September 24 1955. It was assisted by 'Dukedog' 9027 from Welshpool forward to Tywyn. Dave Cobbe Collection/Railphotoprints.co.uk.



Ex-Caledonian Railway 'Pickersgill' 4-4-0 54476 heads the 12.02pm Crieff-Gleneagles between Muthill and Tullibardine in 1957.
W.J. Verden Anderson/Rail Archive Stephenson.



TABLE 3 – 'OO' GAUGE MODEL 4-4-0s

Class	Manufacturer	Decoder socket	Availability	Drive	Traction tyres	Max. capacity	Current draw	RRP
GWR 'Dukedog' 4-4-0	Bachmann	21-pin	Current	Locomotive	No	Six carriages	0.1amps	£139.95
GWR 'City' 4-4-0	Bachmann	21-pin	Current	Locomotive	No	Ten carriages	0.175amps	£139.95
GWR 'County' 4-4-0*	Hornby	8-pin	Current	Locomotive	Yes	Six carriages	0.1amps	£89.99
LSWR 'T9' 4-4-0	Hornby	8-pin	Current	Locomotive	Yes	Seven carriages	0.2amps	£149.99
SR 'Schools' 4-4-0*	Hornby	8-pin	Current	Locomotive	Yes	Ten carriages	0.1amps	£94.99
SR 'Schools' 4-4-0	Hornby	8-pin	Current	Locomotive	Yes	Ten carriages	0.25amps	£154.99
LMS '2P' 4-4-0**	Hornby	8-pin	Current	Locomotive	Yes	Eight carriages	0.1amps	£99.99
LMS Compound 4-4-0*	Hornby	8-pin	Current	Locomotive	Yes	Six carriages	0.1amps	£84.99
LMS Compound 4-4-0**	Bachmann	21-pin	Current	Locomotive	No	Eight carriages	0.175amps	£132.95
GCR 'Director' 4-4-0	Bachmann	21-pin	Current	Locomotive	No	Eight carriages	0.15amps	£174.95
LNER 'Scottish Director' 4-4-0	Bachmann	21-pin	Current	Locomotive	No	Eight carriages	0.15amps	£169.95
LNER 'D16/3' 4-4-0	Hornby	8-pin	Current	Locomotive	No	Six carriages	0.1amps	£139.99
LNER 'D49' 4-4-0*	Hornby	8-pin	Current	Locomotive	Yes	Six carriages	0.1amps	£84.99

* These models are part of Hornby's RailRoad range which are older models revived with new mechanisms and a DCC decoder socket in the tender.

** Prices are taken from current (2017) price lists and are based on currently available or planned new releases for the year. The exceptions are the Bachmann LMS 'Compound' which is not listed in its 2017 catalogue and the Hornby Fowler '2P' 4-4-0 which was last released in 2016 with a Twin Track Sound (TTS) decoder for £154.99. Previous versions were priced from £99.99 without a TTS decoder.

running Hornby Maunsell carriages running on a level layout. We set a maximum train length of 10 vehicles which Hornby's 'Schools' and Bachmann's 'City' models were able to accomplish. Each locomotive had to be able to restart the train with its full weight on a second radius curve in order to qualify for its train weight. We also measured the current draw for each locomotive from the controller whilst hauling the test train. This level playing field for all the models showed that Hornby's full detail version of the Maunsell 'Schools' was the most powerful, following in the footsteps of

real locomotives. The 'D16' was a close second with its die-cast boiler adding impressive tractive weight over the driving wheels.

THE FUTURE

While there are no 4-4-0 models currently planned for release, those that have been produced offer great value for developing a realistic fleet of locomotives. Some are essential components and, for example, no main line Southern Region layout could be without one of the formidable 'Schools'. For the collector, the National Collection in Miniature series is

highly appealing - and who knows, maybe one day we will see such delightful Victorian 4-4-0s as the Worsdell 'D17/1', Adams 'T3' or even the Wainwright 'D' appear as models.

For the mainstream market, one of the North British Railway 4-4-0s could be an option with the Reid 'D30' 4-4-0 remaining in traffic until 1960 having been introduced 50 years earlier. Plus, Southern modellers could certainly benefit from a new standard model of the Maunsell 'L1' 4-4-0. There is plenty to choose from and whatever is selected will allow us to model an even more accurate picture of the steam era railway. 

Below: Bachmann first produced a Midland Compound for the National Collection in Miniature and later followed it with this LMS Compound which has been released in LMS and BR black liveries. 41157 departs Topley Dale with a rake of Stanier 57ft corridor stock.



Great Central 'Director' 506 Butler Henderson was produced exclusively for the National Collection in Miniature series, but the model has since been released with further identities in Bachmann's main range. The 'Scottish Director' ('D11/2') has also been produced by Bachmann.



The Great Eastern 'D16/3' 4-4-0 is the most recent addition to the 4-4-0 portfolio. It was released in late 2015 by Hornby and joins the 'J15' and 'B12' for Great Eastern section layouts.



Spring GREENS

Weathering garden railway locomotives

TIM SHACKLETON puts his skills to work on a couple of large-scale locomotives destined for a working life in the great outdoors.

MOST OF MY MODELLING is in 4mm:1ft scale – encompassing ‘P4’, ‘EM’ and ‘OO’ gauges – but I also model American-outline ‘HO’ and I’ve also done a bit of work for friends in both 2mm:1ft and 3mm:1ft scales. The same basic skills come into play regardless of scale and it’s easy to move from one to the other. Once in a while, though, it’s interesting to step outside my comfort zone and take a look at the really big stuff.

I have a couple of friends who have garden railways and, with the summer operating season fast approaching, I was asked if I could ‘blow some paint’ over a couple of locomotives while they busied themselves sweeping the track clear of leaves and other garden detritus.

One model is an exquisite 7mm scale ‘Deltic’ from L.H. Loveless – basically a pre-assembled etched brass kit, craftsman-built to the highest possible standards. The other – bigger still but in relative terms a lot more affordable – is the popular Aristocraft G scale (1:24) model of a Freightliner Class 66.

I painted these models as demonstration pieces at one of my recent Missenden Abbey weathering workshops (www.missendenrailwaymodellers.org.uk) and, not surprisingly, their owners wanted their expensive purchases finished in a ‘lightly weathered’, almost-new condition.

That wasn’t a problem – as you’ll have seen in these pages, my weathering spectrum runs the full gamut from absolutely immaculate to utterly decrepit – so the real challenge, to me, was to use my techniques to breathe life into models that, because of the vagaries of the British climate, would spend a lot more of their time on display than in hauling trains. Subtlety would be the keynote but so was the use of simple, straightforward techniques and readily available materials. At this degree of magnification, anything heavy handed or inappropriate really stands out! In the end, both owners were very happy with what I did for them and I’m hoping they’ll get the barbecue lit in time for my next visit! 

WHAT WE USED		
Product	Manufacturer	Cat No.
Fuel stains	AK Interactive	AK025
Rust set	Lifecolor	CS10
Track Dirt	Lifecolor	UA720
Sleeper Grime	Lifecolor	UA721
Roof Dirt	Lifecolor	UA722
Burned Black	Lifecolor	UA736
Oil and Grease Stain	MIG	P410
Matt Black	Tamiya	X1



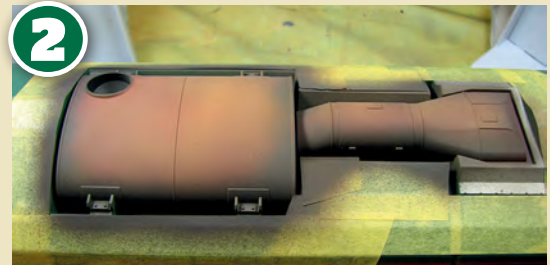
The Loveless ‘Deltic’ is an imposing model which we reviewed back in HM84. This example is finished as D9003 *Meld* in original BR two-tone green without warning panels. The final weathering is nothing but subtle – understatement being the key on this 2ft long Co-Co.

STEP BY STEP LARGE SCALE WEATHERING PROJECTS

Beginner **SKILL LEVEL** Intermediate Advanced



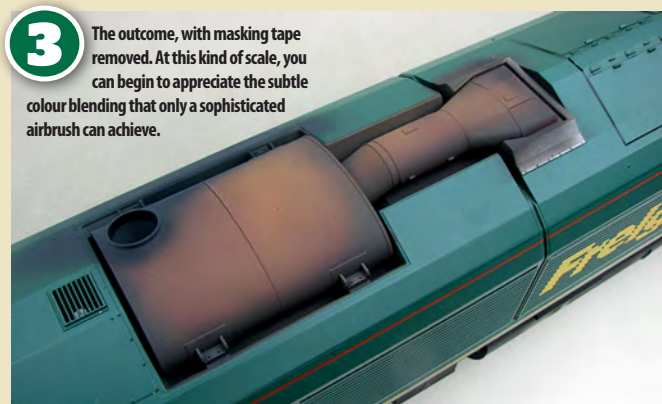
Left: Starting with the Class 66, this 'G' scale model looks pretty big on my friend's garden railway and on my workbench it's simply enormous. Even moving it around presents quite a challenge. Here it's balanced on one of my painting turntables – I've taken great care to ensure all the lids are back on the paint bottles in case I knock one over while spinning the model round.



Above: The key weathering feature on a '66' is the silencer area. Here I used a variety of acrylic colours from Lifecolor's Rust set, applied with an Iwata Revolution CR airbrush. The 0.5mm nozzle enables you to get a lot of paint on swiftly, without compromising the brand's legendary delicate handling. I've masked off the surrounding area with Tamiya tape to avoid getting overspray on the bodywork.



STEP BY STEP LARGE SCALE WEATHERING PROJECTS



3 The outcome, with masking tape removed. At this kind of scale, you can begin to appreciate the subtle colour blending that only a sophisticated airbrush can achieve.

Right: Understated but effective, I feel. Freightliner tends to keep its locomotives cleaner than most but 66610 is still every inch a working locomotive. It was surprising, all the same, just how much paint I got through weathering something this size.



4 The next stage was to airbrush the bogies and air dam area with Lifecolor's Track Dirt (UA720). This is only the start of things, though, as several other colours will subsequently be applied to create a subtle variety of tone.

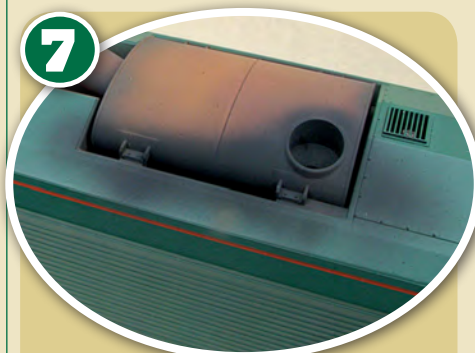


5 A mist of Lifecolor Burned Black (UA736) deepens the tone in shadow areas, helping to emphasise the three-dimensionality of those massive bogies. I added a light coat of the same colour to the ventilation grilles, which always show a matt finish. Once again, masking tape kept spray off the bodysides.



6

Finally, I added a hint of Sleeper Grime (UA721) and Roof Dirt (UA722) from the same Lifecolor Rail Weathering set. Although the bodywork may be clean, as here, the underpinnings of any locomotive rapidly pick up road dirt.



7

There is always a lot of sooting around a Class 66's exhaust and here I used an airbrushed coat of Tamiya Matt Black acrylic (X1), which is as dead a matt black as you'll find.



8

The fuel tank area always shows spills. Here I used streaks of AK Interactive's Fuel Stains (AK025) and MIG Oil and Grease Stain (P410) applied by brush. At this scale, gloss varnish fails to give the distinct brown tinge of real oil spillages.



9

With 'Deltic' D9003 Meld, the brief was for a locomotive that was both weathered and immaculate at the same time. I decided to focus on key dirt-collecting areas such as the bogies, cab steps and doorways and especially the grilles.



USEFUL LINKS

AK Interactive	www.ak-interactive.com
Lifecolor	www.airbrushes.com
MIG	www.migproductions.com
Tamiya	www.tamiya.com



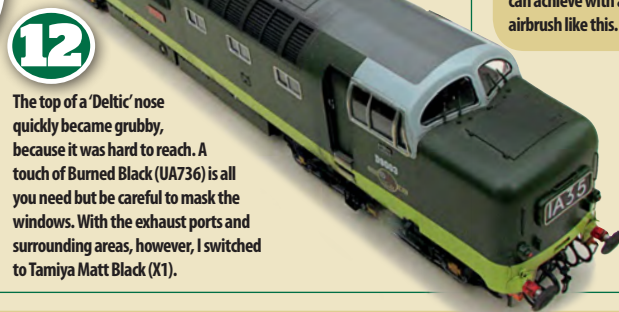
10 Using the same Iwata Revolution airbrush I lightly airbrushed the finest possible mist of Track Dirt on to the tumblehome area and then immediately took it off with a broad brush well moistened with Lifecolor's own-brand thinners. This is how to create the subtle streaking effects you see on an otherwise spotless locomotive. You have to be quick, though, because acrylic paint dries in minutes – enamels give you a lot more time to create intricate effects.



13 Some very subtle discoloration is just about visible on the bodysides and in the door recesses, where I airbrushed a waft or two of Burned Black into the corners using my Iwata HP-SB Plus, an airbrush capable of extraordinarily delicate work. The large size of these models serves to emphasise the restrained weathering effects you can achieve with a high-end airbrush like this.



See how subtle the streaking effects are – weathering like this is all about restraint. Once again, I simulated the oil spills on the fuel tank with AK Interactive's Fuel Stains (AK025) and MIG Oil and Grease Stain applied with a No 3 candle-flame brush.



12 The top of a 'Deltic' nose quickly became grubby, because it was hard to reach. A touch of Burned Black (UA736) is all you need but be careful to mask the windows. With the exhaust ports and surrounding areas, however, I switched to Tamiya Matt Black (X1).

14 With a touch of matt black around the roof exhausts and around the cantrail-level grilles, the work is complete. This is how many of us will remember the 'Deltics' – dassy-looking locomotives with performance to match.





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We can weather any model in any gauge, whether you are buying it direct from us, or one you already have in your collection. Weathering can take on many different guises, whether you want a heavy in-service finish or perhaps a light preservation weathering or anything in between. We can do the hard work for you. We also offer a custom deluxe weathering service that can be modelled from photographs of real locomotives. The custom finish can be interpreted with dirt, rust, grime, soot, water, limescale and oil deposits and much more. Of course, weathering isn't for everyone - our high gloss finish is a great way to give your model that extra special feel whilst keeping it clean. Just ask for our ex-works high gloss finish.



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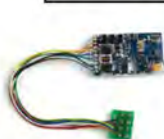
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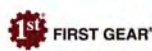
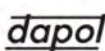


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Point motors

Fitting point motors can make a real difference to a model railway by offering hands free operation of turnout direction – but which are the best? **MARK CHIVERS** assesses the options covering both solenoid and stall motor designs.

REMOTE OPERATION OF POINTS (or turnouts – the terms can be used interchangeably) is an essential ingredient for reliable operating sessions.

This issue we focus on electrically-operated point motors encompassing solenoid and slow-action types. Solenoid motors incorporate two electromagnetic coils which fire a metal drive pin from one side of the mechanism to the other as a pulse of power is applied, while slow-action types employ a geared motor which slowly eases the drive pin across. Sometimes referred to as stall motors, they are usually continuously powered but stall out as they detect the turnout throw bar has reached the extent of its travel.

Solenoid quick-action motors can be mounted either above or below the baseboard, depending on the product, and even direct to the turnout. They are suited to points that have a spring within the switch mechanism as they are non-latching motors, so the spring helps keep the turnout in place once thrown. Slow-action

motors can also be used with sprung points, but the slow-motion movement is best appreciated if the spring has been removed. The gearing and forces associated with these motors are sufficient to hold the point blades in place.

For solenoid point motors to operate effectively, a Capacitor Discharge Unit (CDU) is recommended to provide sufficient 'kick' to fire the motor. For analogue DC use this can be wired into the layout separately while for Digital Command Control (DCC) use, some digital accessory decoders feature a built-in CDU for solenoid motors. Stall motors don't require a CDU to operate.

When installing turnout motors, it is important to check the fit and orientation is correct and that the drive pin is true to the throw bar. If fixing a motor from below the baseboard, the drive pin is usually eased through a corresponding hole in the turnout throw bar above.

Options include drilling a hole for the drive pin travel in the baseboard and mounting from below (8-10mm will suffice in all cases),

creating a larger hole the size of the motor and mounting it directly to the point or fixing the motor above the baseboard and utilising an adaptor to fire the point. A selection of surface mounted solenoid point motors is also available which can be mounted parallel to the turnout, which fire a drawbar rather than a metal pin to switch the throw bar.

Some point motors, such as slow-action examples, allow you to centre the drive pin before installation. Placing the turnout throw bar to a central position can be a little more difficult if it has an integral spring, but as previously mentioned this can be removed if necessary for operation with stall motors.

Each of the point motors below was connected to the same Peco 'OO' gauge Code 75 point initially and rated according to installation time and ease of setup using Digital Command Control (DCC) operation. The following selection represents a snapshot of ten of the more popular examples of solenoid and slow-action point motors, currently available.

There is plenty of choice when it comes to point motors, but for *Hornby Magazine* there is a clear winner for quality, simplicity of installation and versatility and that is DCC Concepts Cobalt IP digital motor. We have used them on five of *Hornby Magazine's* layouts with great success including *Axe Regis* – the branch line extension for *Topley Dale*. A Class 205 'Thumper' departs crossing a point controlled by a DCC Concepts Cobalt motor.

DCC CONCEPTS COBALT



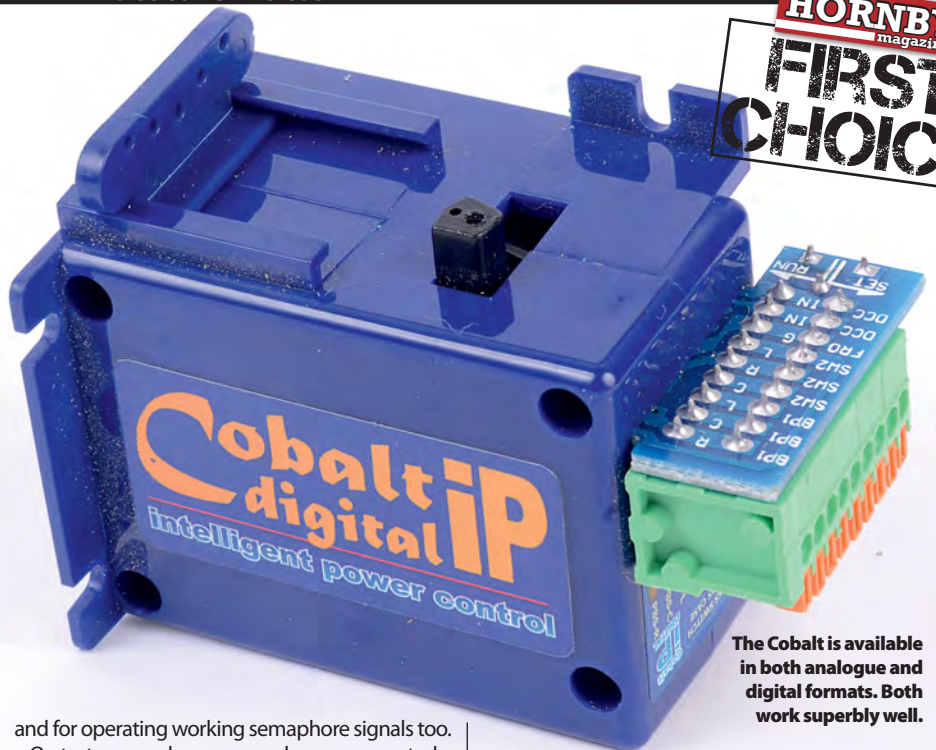
The DCC Concepts Cobalt was the quickest and simplest to install from the motors we tested for this guide. The adjustable fulcrum makes set up simple.

DCC Concepts' range of Cobalt slow-action point motors first appeared

in 2010 and most recently consists of the Cobalt iP Analogue (Cat No. DCP-CB1IP) and Cobalt iP Digital (DCP-CB1DIP) brands.

The latest Cobalt iP models were issued in 2014 and incorporate low current draw between uses, three integrated single-pole, double throw (SPDT) switches for use with frog switching and panel indicators, come pre-centred for quick installation and can be programmed to self-centre and reverse the direction using digital commands within the DCC decoder-fitted example or a DCC accessory decoder for the analogue version. In addition, the Cobalt iP Digital model also includes a useful 'learn' mode for quick addressing.

Suitable for use from 'Z' to 'G' scales, each is supplied with a 0.8mm spring steel wire drive pin, fittings and an adhesive mounting pad to help during the installation process. All wiring connections are made to solder-free connections on the base of the unit. Measuring 55mm x 40mm x 68mm when fully assembled, it has a robust blue plastic outer casing which can be mounted below or above the baseboard in a choice of orientations, enabling it to be used for turnouts



HORNBY
magazine
FIRST CHOICE

The Cobalt is available in both analogue and digital formats. Both work superbly well.

and for operating working semaphore signals too.

On test, our analogue example was connected to a DCC Concepts accessory decoder (Cat No. AD-2FX) and addressed within a matter of seconds – digital versions, which we also tested, can be addressed straight from the decoder and are compatible with analogue control. Setting up proved straightforward, working on the first attempt without issue, the slow-action stall motor offering remarkable performance with quiet, slow positive throw in both directions. An adjustable fulcrum allows the drive pin

to be fine-tuned, if necessary. Our sample was up and running in just nine minutes.

Simplicity of installation, setup and reliable operation are just some of the reasons the Cobalt iP point motor has been adopted as the product of choice for *Hornby Magazine's* exhibition layout fleet incorporating Twelve Trees Junction, Grosvenor Square and Shortley Bridge and Felton Cement Works in 'OO' and West Riding Power and Barrenthorpe in 'N'.

GAUGEMASTER SEEP PM10

Introduced in 2015, Gaugemaster's SEEP GMC-PM-10 solenoid point motor certainly packs a lot into its 37mm x 32mm x 23mm footprint.

Whilst initially appearing similar to other brands, the PM-10 offers both direct fitting to turnouts and beneath baseboard mounting without the need for a separate mounting plate, thanks to its six-prong metal fitting at one end and metal baseplate mounting at the other. The latter also features one hole and one slot each side to enable finer adjustment when installing the motor from beneath the baseboard. Between the mountings, two solenoid electromagnetic coils sit within the metal chassis, together with a 1.2mm diameter metal drive pin. A 30mm extension pin and sleeve are also supplied together with mounting screws.

Designed for use on 'N' to 'O' scale turnouts, its low power consumption and screw terminal connections for easy wiring offer additional benefits, while on test it demonstrated a powerful kick in each direction. Installation proved uncomplicated and there is no soldering required. This model could also be installed above a baseboard with a suitable adaptor base.

In addition to the standard analogue DC model, a digital version is also available (Cat No. GMC-PM10D), and comes with a removable DCC accessory decoder, built-in Capacitor Discharge Unit (CDU) and connections for switches and Light Emitting Diodes (LEDs). This model also offers two-wire connection and is DC compatible.

"The PM-10 offers both direct fitting and beneath baseboard mounting."



Above: Gaugemaster's new solenoid point motor is a reliable and simple to install device. It is available DCC fitted too.

Left: The point motor is supplied with a short pin and an extension bar for use in underboard installations.

GAUGEMASTER GMC-PM20

"The GM-20 fired each way with a strong positive force."



The Gaugemaster surface mount motor is designed to use screws to hold it firmly in place.

Gaugemaster also offers a side-mounted surface solenoid point motor (Cat No. GMC-PM20) in its portfolio.

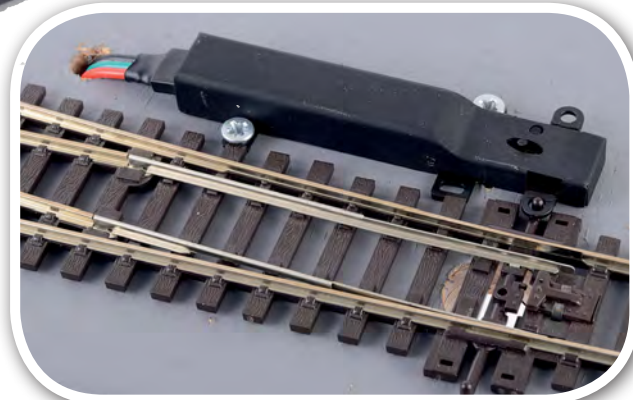
Suitable for use with 'N' and 'OO' turnouts, at 68mm x 21mm (over mountings) x 9mm, its shape roughly resembles a full-size point machine with a blackened metal body housing the motor's magnetic coils and comes with a three-wire plug-in socket and mounting screws.

Four holes are moulded into the base of the unit for fixing parallel to a turnout, with the drive bar

hooking over the tab of the corresponding turnout tie bar.

A pre-wired push-fit three-pin socket is provided with each of the 1.7mm diameter sleeved red, green and black wires measuring 140mm in length. The green wire is the common return.

In use, the GM-20 fired each way with strong positive force, although on our sample we noticed that the holes on the drive bar are



quite large in relation to the throw bar tabs on some points which resulted in a little sideplay, particularly when married up to a recent Hornby turnout. However, the unit worked reliably with each throw and can be used in conjunction with DC and DCC systems.

HATTON'S HAT-PM-01

HORNBY magazine
BEST SOLENOID



Developed exclusively for Hattons this motor allow for above and below baseboard mounting.

A recent addition to the Hatton's range of model railway accessories is its exclusive HAT-PM-01 solenoid point motor.

This model differs in appearance to similar point motors as it also features a crank mechanism fitted to the baseplate which can be utilised on top of the baseboard to change points using a wire-in-tube method or semaphore signals – the crank is removable, too.

Suitable for most scales, this point motor measures 50mm x 39mm (over crank) x 22mm, comes pre-wired and is supplied with an extension pin and sleeve for below baseboard use together with four motor fixing screws. It can be secured in place to the underside of the baseboard using the four holes in the metal baseplate.



The Hatton's motor installs neatly under a baseboard.

Of all the solenoid motors tested, this turned out to be the simplest to install and delivered a powerful snap when throwing direction, plus its neat wiring provides for a tidy appearance. In common with most solenoid motors, the common return wire is green on this model, with each of the 1.7mm diameter sleeved wires measuring 144mm in length. Also suitable for DC and DCC use. We have been highly impressed by this solenoid motor throughout our tests.

HORNBY R8014

Hornby's R8014 solenoid point motor has been developed to work with its current style of 'OO' gauge turnouts with fine tie bar tabs.

Primarily designed to fit direct from below, the metal base plate comes with four prongs which correspond with moulded holes in the turnout's plastic sleepers

simply clipping in place, ready to go. An adaptor base and housing (Cat No. R8015) is also available to enable the point motor to be housed on top of the baseboard. It will also fit Peco's point motor mounting plate (PL-9) to enable it to be fitted below the baseboard. The point motor comes with a 1.2mm diameter 30mm metal drive pin, while an additional extension pin and sleeve are also supplied.

Measuring 37mm x 21mm x 23mm, construction is fairly simple, consisting of an elongated 'M' shaped metal shell housing two electromagnetic coils fixed between two strips of Printed Circuit Board (PCB) material. All wiring connections are made to one side of the PCB, while the other side of the housing is purely to provide rigidity.

Three 145mm lengths of black, green and red 1.4mm sleeved wire are pre-soldered to the point motor PCB ready for connecting to switches or digital accessory decoders. It is worth noting that on Hornby's point motors, the common return wire is black. On test, our example was quick to set up and exhibited strong throw characteristics in each direction when operated with a CDU and CDU powered accessory decoder. It is simple and solid and it can be operated with analogue or digital systems.

Hornby's solenoid will fit into a Peco mounting plate for underboard installation.

"The motor comes with a 1.2mm diameter, 30mm metal drive pin."

HORNBY R8243

Hornby's surface mounted is best suited to its own range of track components and comes pre-wired with the three-colour harness.

Hornby's range of model railway accessories also includes the R8243 surface mounted solenoid point motor.

Offering a compact design, the unit comprises a vented plastic shell and metal baseplate which houses two small solenoid motor coils, Printed Circuit Board (PCB) and a small plastic crank which houses the internal drive pin and provides a discreet swivelling throw arm which hooks over the tab on Hornby 'OO' gauge turnout throw bars. This provides just enough movement to throw the point in each direction.

Each unit measures 48mm x 18mm x 8mm and is pre-wired with three fine 150mm black, green and red 0.7mm diameter sleeved wires, ready for use. Again, the common return wire is coloured black.

On test, as expected, this surface mounted motor worked well with a Hornby point but it did struggle a little when trialled with a Peco product – possibly a combination of spring resistance and throw bar clearance. Accessing the small throw bar arm on our example was quite fiddly and it had a habit of disappearing within the housing.

Setup was quick on DCC, with the motor connected, wired and programmed in less than six minutes. A pair of small crosshead screws is supplied to mount the motor alongside the turnout.

The size of the hole in the crank is designed around Hornby's point range making it a difficult fit on Peco points which have a larger diameter pin on the tie bar ends.

PECO PL-10

Peco's PL-10 solenoid point motor has long been a part of the manufacturer's Peco Lectrics range of model railway accessories and remains a popular choice for modellers.

As standard, the PL-10's tried and tested design comes with a 47mm long, 1.2mm diameter metal drive pin, but is also available in other guises with an extended pin and sleeve (Cat No. PL-10E), low circuit coils for limited output transformers (PL-10W) and with low circuit coils and extended pin (PL-10WE).

Each point motor measures 37mm x 21mm x 24mm and features two separate electromagnetic coils within metal housings secured with Printed Circuit Board (PCB) material either side. Metal solder connections are included on each PCB ready for attaching wires from switches or digital accessory decoders - the PL-10 is supplied without wires and ideally requires these connections to be made before fixing in place. A useful point motor wiring loom (PL-34) with connectors is available separately.

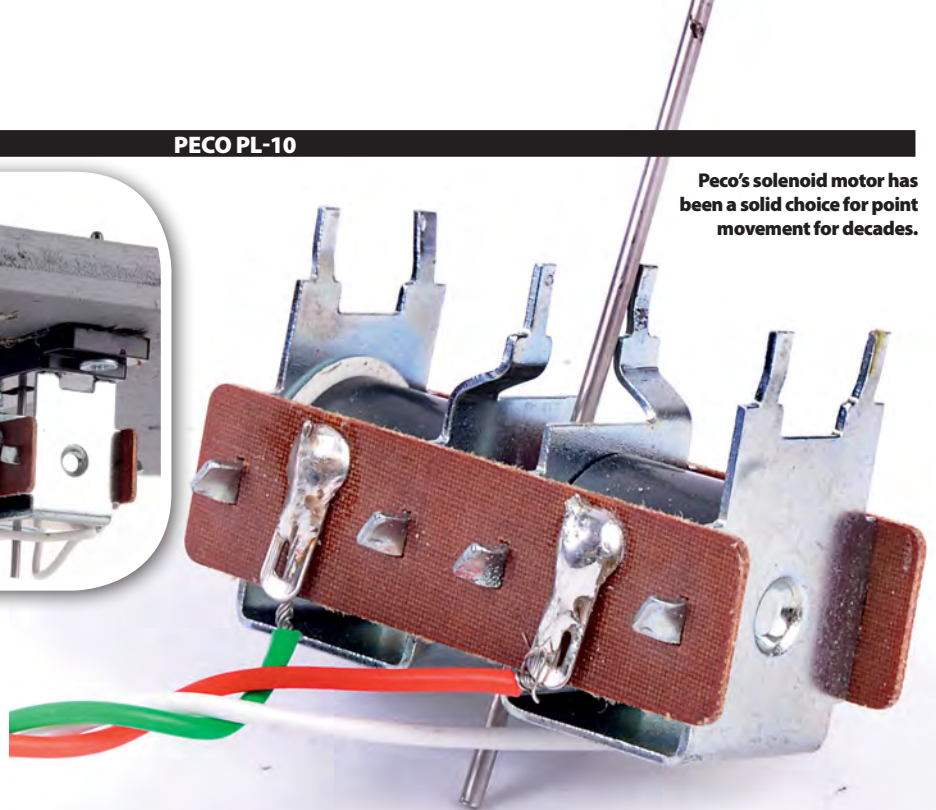
Six pre-formed metal securing prongs are provided - one at each corner for connecting directly to the manufacturer's turnouts, and two central prongs which can be used with its point motor mounting plates (PL-9) for use



beneath the baseboard. These latter two fixings can be bent out of the way if not needed.

Fitting the motor underneath the baseboard was straightforward using a mounting plate, while it is also possible to mount the motor above the baseboard with Peco's point motor adaptor base (PL-12X).

Peco's solenoid motor has been a solid choice for point movement for decades.



Suitable for analogue and digital use with 'N' to 'O' gauge turnouts, the PL-10 is showing its age when compared with recent additions to the market with their pre-wired connections and additional features, yet it still operated as anticipated with a decisive kick and click in both directions proving robust and reliable.

PECO PL-11

The surface mounted motor is a neat fit alongside Peco trackwork, but best suited to non-scenic areas.

Peco's surface mounted motor has been designed to reflect the style of real side mounted motors on the big railway. It has a plastic housing and crank.

Peco's side-mounted solenoid point motor (Cat No. PL-11) offers an alternative take from the manufacturer for remotely operating turnouts and has been designed to loosely resemble the prototype point machines from the full-size railway.

Measuring 61mm x 23mm (over fixings) x 9mm, it is designed for use with many of the manufacturer's turnouts including its 'N' and 'OO'

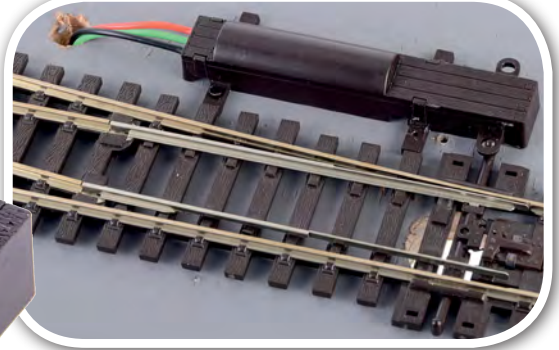
gauge ranges. It can be fitted directly alongside most 'OO' Setrack and Code 100 Streamline turnouts which have locating gaps, while Code 75 Streamline and some other turnouts may need to use the supplied locating arms before fitting.

Installation is straightforward - the plastic drive link from the unit hooking over the turnout throw bar tab.

On test, our sample performed very

well. Results may differ if using with other manufacturers' turnouts. For example, a little play was noticeable between the drive bar hoop and the smaller tabs on a Hornby point.

Each unit is supplied pre-wired with three 300mm lengths of black, green and red 1.2mm sleeved wire and can be used with analogue DC and digital DCC systems. Green is the common return wire on this motor.



POINT MOTOR COMPARISON TABLE

	OUR PICK			BEST SOLENOID						
Point motor	DCP-CB11P	GMC-PM10	GMC-PM20	HAT-PM-01	R8014	R8243	PL-10	PL-11	800-6000	TT300
Power input	7v-23v	16v-24v	16v-24v	15v-24v	12v-16v	12-16v	16v	16v	12v	9v-18v
Power type	AC/DC	AC/DC	AC/DC	AC/DC	AC/DC	AC/DC	AC	AC	DC	DC
Solenoid	✗	✓	✓	✓	✓	✓	✓	✓	✗	✗
Slow-action	✓	✗	✗	✗	✗	✗	✗	✗	✓	✓
Surface mount	✓	✓	✓	✓	✓	✓	✓	✓	✗	✗
Below baseboard mount	✓	✓	✗	✓	✓	✗	✓	✗	✓	✓
DCC compatible	✓	✓	✓	✓	✓	✓	✓	✓	✓	-
DCC fitted	✗	✗	✗	✗	✗	✗	✗	✗	✗	✓
Size (mm)	55 x 40 x 68	37 x 32 x 23	68 x 21 x 8	50 x 38 x 22	37 x 21 x 23	48 x 18 x 8	37 x 21 x 24	61 x 23 x 8	57 x 50 x 82	82 x 32 x 40
Frog switching	✓	✗	✗	✗	✗	✗	✗	✗	✓	✓
Installation rating	10/10	8/10	8/10	9/10	8/10	6/10	8/10	7/10	7/10	8/10
Price	£17.95	£6.95	£9.95	£6.50	£8.99	£8.99	£7.45	£9.25	£17.50	£22.50

TORTOISE 800-6000

Developed in the mid-1980s by US manufacturer Circuitron, the Tortoise 800-6000 is another popular slow-action stall motor design.

Low current draw is a key element of the Tortoise point motor, together with two internal single-pole, double throw switches. Supplied with a 0.6mm diameter spring wire drive pin, adjustable fulcrum and small fittings, assembly is straightforward although it requires the drive pin to be bent to shape prior to assembly. A full-size template is included with the instructions to ensure you bend the wire to the correct shape, but it can be tricky to get this perfect initially as the wire has a high degree of spring to it. Suitable for most gauges, heavier duty wire is recommended for 'O' gauge and above.

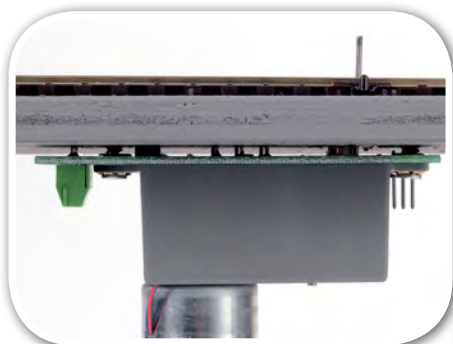
All electrical connections are made to solder tabs extending from the base of the unit and for our DCC installation two wires from the accessory decoder were soldered to terminals 1 and 8. Encased in durable green plastic and measuring 57mm x 50mm x 82mm, it is designed to be installed below the baseboard, but you will need to consider clearances in this area due to its overall depth – it is the deepest of all the motors tested here.

On test, our sample took a few attempts to align the drawbar and fire the turnout throw bar reliably in each direction with sufficient force, which resulted in a longer than anticipated installation process. However, once the drive pin position had been adjusted and fine tuned, the Tortoise motor settled down and worked smoothly and quietly, typically taking a couple of seconds to throw from one side to the other.



The Tortoise is a reliable design, but it isn't as simple to install as the DCC Concepts Cobalt motor. It also requires soldering or the power connections for installation.

TRAINTRONICS TT300

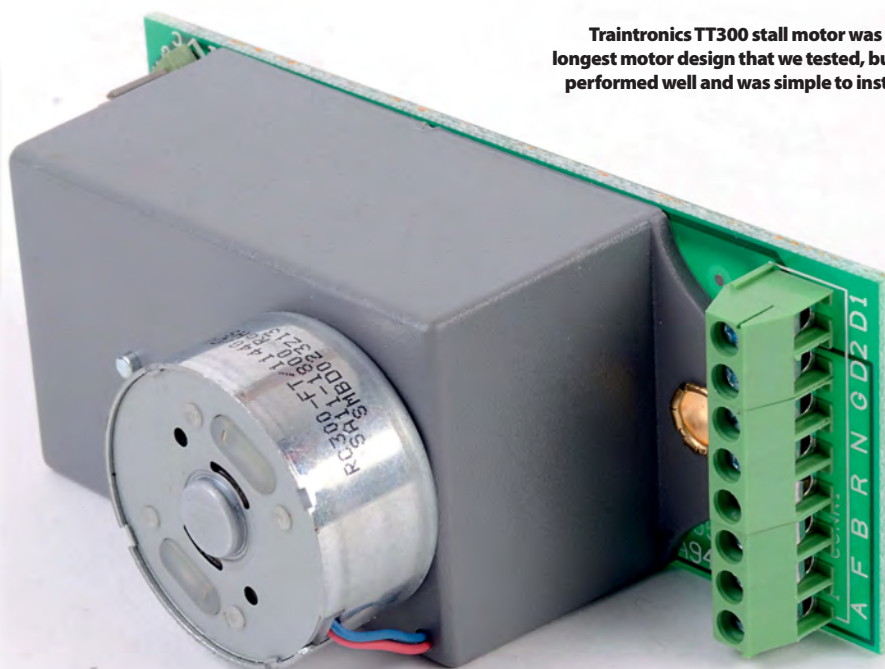


Traintronics' range of electronic accessories includes its own-brand TT300 DCC-fitted slow-action point motor which is intended for below baseboard installation.

Suitable for use up to Gauge 1 and measuring 82mm x 32mm x 40mm, the unit is formed of a Printed Circuit Board (PCB) with screw terminal connections, gearbox and motor and also comes with a pre-fitted strong 1.2mm drive pin. A pair of small plastic spacers are also included which are intended to be placed between the baseboard and the unit during installation to prevent damage to the PCB. Live frog switching and outputs for Light Emitting Diode (LED) indicators are also supported and the unit offers low current draw when idle and in operation.

Fitting the motor was fairly straightforward – in fact, the most complicated part was keeping the spacers in place while securing the motor below the baseboard. It is important not to overtighten the screws.

With the drive pin centred and checked for clearance, our example was up and running in just 12 minutes, displaying a satisfying gentle slow-action motion. Whilst the motor is designed to detect when to stop as the turnout throw bar



Traintronics TT300 stall motor was the longest motor design that we tested, but it performed well and was simple to install.

reaches the end of its travel, it is also important to check that turnouts are secured properly, as the pressure exerted on our sample was enough to visibly shift the track formation.

With a built-in DCC accessory decoder, the TT300's Configuration Variables (CVs) can be programmed and the unit's operating sense can be reversed with a change to CV2. It can also be operated on analogue DC control, provided this CV has not been changed under DCC programming. Details are included with the supplied instructions.

A robust and impressive package, although

this was the longest motor design in our tests which will require consideration for multiple motor installations on complex track formations.

LINKS

Circuitron	www.circuitron.com
DCC Concepts	www.dccconcepts.com
Gaugemaster	www.gaugemaster.com
Hatton's	www.hattons.co.uk
Hornby	www.hornby.com
Peco	www.peco-uk.com
Traintronics	www.traintronics.co.uk

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BR era ISN'T at saturation point

I FEEL I MUST DISAGREE WITH A STATEMENT made in the superb article on the Bachmann Webb 'Coal Tank' (HM119). The author says: "We're almost at saturation point for 1955-1968 era subjects." I really don't believe this is accurate if applied across the board of locomotive subjects. It may well be applicable up to a point in respect of BR(W) and BR(LM) motive power, but is not applicable to BR(E) and BR(S) locomotives.

**£50
STAR
LETTER**

For example, in respect of BR Eastern (in which I include Scottish designs) and selecting items that were around at least into 1958, there are four 'Pacific' express classes ('A1/1'; 'A2/1'; 'A2/2'; 'A2/3'), two 'Pacific' tanks ('A5' and 'A8'), the 'B16'; 'K2'; 'D49'; 'D30'; 'D34'; 'D16'; ten 'J' classes and a number of other tank engines which are still to be modelled. Several of the list include named examples too. I am sure that the

BR(S) muster would be at least as extensive.

Perhaps there is a case for more in-depth market research into what models are really of interest to potential modellers, rather than the over reliance (in my view) on 'wish lists', which are often a small snapshot of what modellers actually want.

On a positive note, I did receive a market research questionnaire e-mail direct from Hornby a few months ago and definitely feel that this is the way forward.

Keith Bryant, by e-mail.



A barred room with a view

I enjoyed the trackplan 'Bulk Handling' (HM119) and particularly the photograph on page 39 of Bulleid's 10202 at Exeter Central station in August 1952, taken from a vantage point in Northernhay Gardens. My father used to take me here to watch trains as a young boy. However, the town houses mentioned in the caption aren't what you think, but I'm sure their occupants would have been flattered: it's Exeter Prison.

Peter Travers, by e-mail.

HORNBY JUNIOR SPARKS INTEREST

I was very interested in the Hornby Junior range that is about to be released (HM119, Inside Hornby). I have felt that there could be a good market for something like this. I tried to buy something similar for a child of a relative many years ago for a Christmas present and in the end I had to admit defeat although I did consider buying a second-hand Hornby clockwork set until I came to the conclusion this was not acceptable.

Yes, you can buy very cheap train sets but these can't be extended and will last no longer than it takes to open the box. I think Hornby could be onto a winner with its new Junior range as I have often watched small children at model railway exhibitions totally enthralled watching the trains go round. I don't know how many items are going to be in the range but I feel if you add things like open wagons in which you

can put Play-Doh loads and simple working accessories like a crossing barrier going up and down Hornby will be onto a winner.

With the Hornby name for quality and reliability, I wish the new Hornby range well and come Christmas there will be a new base of model railway fans as, as *Hornby Magazine* readers know, once you are hooked on the hobby you are hooked for life.

Robert Holmson, Ammanford.

MAIL FROM THE...

HORNBY FORUM

Tornado hits the 'ton'

Read more at: www.hornby.com/uk-en/forum/tornado-tops-the-ton/
Congratulations to the A1 Trust, as some of you may now know, *Tornado* has topped 100mph on a special test on April 12.

Hornby forum user The son of Triangman

In response:

■ It was apparently to prove it could keep pace with modern main line schedules. How many of the other mainline steamers can match it? *Flying Scotsman*, *Duchess of Sutherland* and one of the 'Merchant Navy' 4-6-2s maybe?

Hornby forum user RAF96



Above: New build 'A1' *Tornado* achieved 100mph on April 12. Here it passes Badminton on March 1 2010.
John Chalcraft/Railphotoprints.co.uk.

■ The others are probably capable, but would not be safe. It would be interesting to see what the other new-builds could do. However, I doubt if it would be wise to try the GWR ones or *Beachy Head* as they use significant amounts of old components.

Hornby forum user 81F

■ The new build 'Patriot' *The Unknown Warrior* was mentioned, but it has some old parts. The Caprotti 'Black Five' could be one, but as it's not even on the drawing board I won't hold my breath. Look for 'new build steam locomotives' website - there is a 'Saint', 'Night Owl', 'G5', 'F5', BR 'Clan' and others. Plus there are plans for a Class 22, 'Baby Deltic', LMS 10000 and a SR 'Merchant Navy' 4-6-2 to be rebuilt in as built condition.

Hornby forum user fazy

'Coal Tank' could herald a railway revolution

Well done to Bachmann for its excellent LNWR 'Coal Tank' locomotive and to *Hornby Magazine* for its great review of it (HM119). As a young modeller, I am delighted at the release of a late Victorian era locomotive which really catches the sense of the industrial Victorian era and the part that railways played in it.

I hope, like you said in your review, now that the transition era is saturated by locomotives, that more model railway companies will follow in Bachmann's footsteps and release earlier locomotives so that modellers can model the Industrial Revolution which railways and the steam engine helped create and played a major part in.

This has been overlooked by most manufacturers, despite the fact that it could easily be argued that it is the most important thing railways have ever done, especially in Britain.

Daniel Emery (Age 13), Tyne and Wear



WANTED: OPERATING DETAIL FOR TUNBRIDGE WELLS WEST

I am building a full-size replica of Tunbridge Wells West station in 'N' gauge. This is my first attempt at a model railway in 50 years and I am two years in. There is much to do yet and I was hoping to finish it in less time than it took to build the real thing in the 1860s but this is looking more and more unlikely!

As the site is now largely occupied by Sainsbury and Homebase research is difficult to say the least but I have had great help from the Spa Valley archivist. Now that the trains are running I am interested in the kind of operational detail that ex-professionals would know. Do any readers have access to details of train workings or can someone point me in the right direction so that I can get the details of this project right?

Bernie Oliver, by e-mail.

WHERE IS THE CREW?

I have a question, if not an idea that I think would come in useful for the model locomotive collector.

Now that the detail has improved greatly over

Bristol's short sidings had a purpose

The sidings visible in the background of the photograph referred to by Tony Long (HM119) were used by British Rail and latterly EWS for stabling and remarshalling of parcels vans and TPO vehicles. After this traffic was lost to rail, parcels vans and Travelling Post Office vehicles were stored there until disposed of.

Essentially, since then the sidings have not been used with the exception of the connection to the up relief line to enable Diesel Multiple Units and infrastructure trains, and occasional light engines to access the

currently unused Platform 2 and adjacent siding at Bristol Temple Meads to be stabled, (both of which were also used for parcel and mail train loading and marshalling in the past in conjunction with the sidings in question).

The sidings are actually longer than they appear in the picture due to the effect of perspective, their true length only really being apparent from a passing train. The only locomotives seen in those sidings in the past by myself were Class 08 diesel shunters attached to a BR 20ton brake van.

Peter Jones, by e-mail.

the last few years on 'OO' gauge locomotives, I've also noticed that the accessories have also become a new thing to put on the locomotives.

However, with the attachments of fire-irons, vacuum, steam heat and air brake pipes and so on, the one thing I've never understood is why the newer locomotives don't also come with a driver and fireman that can become a vital piece of detailing

to any model with a fairly open cab?

I could see this being a brilliant extra to the accessories that come with the newer locomotives and would really add to the realism of a detailed model. We've seen passengers in some carriages, but the footplate is even more obvious place for a miniature person.

Steve Chandler, by e-mail.

How does one 'play trains'?

Read more at: www.hornby.com/uk-en/forum/playing-trains/

Hi all, what I need to know is how does one 'play' trains? My layout renovation is almost complete so the time is drawing closer when I will have to think about what I want to do with it. As a kid I would play trains but as an adult I have no idea. I've forgotten how to 'play'. I need a point to what I'm doing. I have spent a lot of time and money on this layout and worried that it'll be left unused unless I can think of how to interact with it in some way.

Hornby forum user Jeff Mennell

In response:

■ Here are a couple of ideas. Depending on the complexity of your layout, you can act out scenarios and try different things. For example, match up a locomotive with rolling

stock (maybe one that isn't normally attached to it), with a second locomotive involved in shunting. Then you can put them all back to where they started. Also, depending on what you have rolling stock wise you could have other scenarios to enact like a breakdown crane/train attending a derailment, a freight locomotive on a passenger train as a railtour special and much more. You could also explore video and photographic opportunities including ones from interesting angles you wouldn't normally watch the trains from.

Hornby forum user Timbo M

■ I usually set up three trains and watch them go round a bit then change those over. I have three loops and an A to B branch line so have to keep an eye on the branch train. I like the branch line trains as it can have all sorts of cargos - passengers, livestock, coal, milk, post and so on. All require different wagons so I can shunt them all into position. My younger sister

enjoys transporting the figures and animals behind her own engine and taking them to other places. I think it's important to have lots of different rolling stock for different purposes, especially on a made-up layout so you don't get tired of the same formations.

Hornby forum user GWR & LNER fan 4472

■ Shunting has already been mentioned and you say you use analogue control, so one train at a time on each track, although that doesn't have to be the case. Why not look at options to improve what you already have, like providing more flexibility using insulated rail joiners and additional controllers, auto stopping at platforms, provide a reversing loop or a turntable if you have the money.

Hornby forum user tyneside emu

● See more online at the Hornby Forum and the Engine Shed blog.

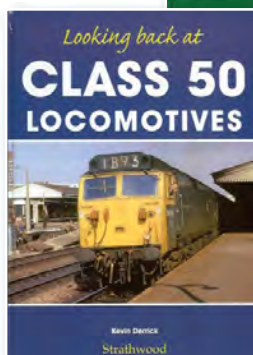
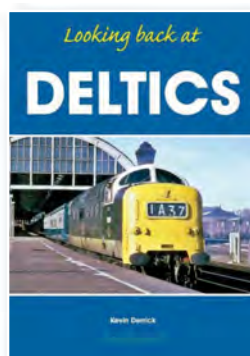
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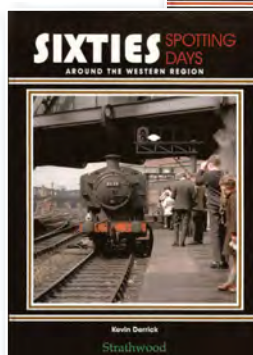
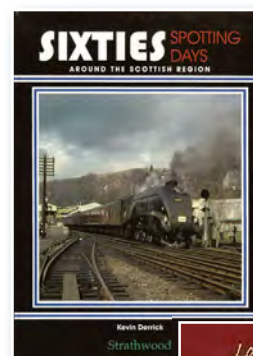
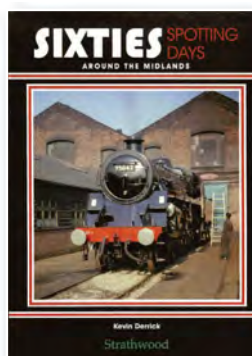
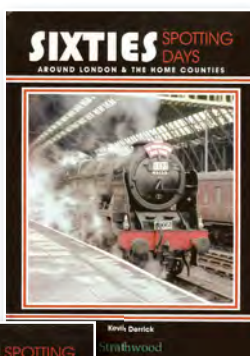
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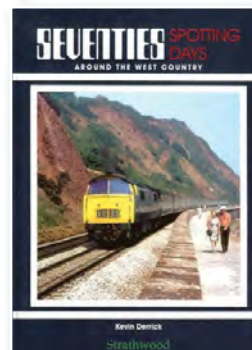


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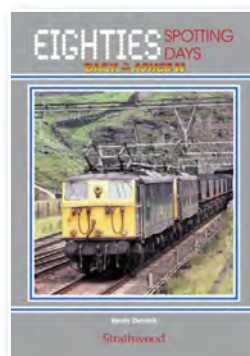
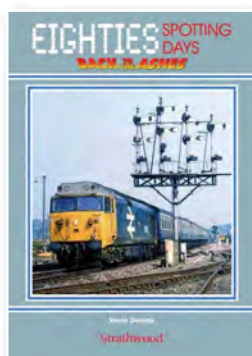
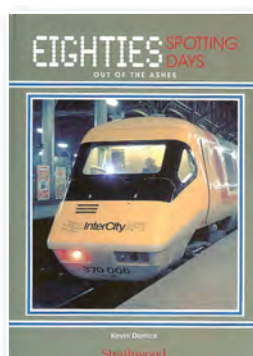
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Glendevon

*By now considered a veteran, the Edinburgh and Lothians Miniature Railway Club's North British 'OO' exhibition layout remains a standout classic, as **JEREMY CHRISTIE** explains.*

PHOTOGRAPHY, NIGEL BURKIN

GLENDEVON is a model of a North British Railway (NBR) branch line supposedly built off the Devon Valley line that ran between Stirling and Kinross in central Scotland. Like most of the Edinburgh and Lothians Miniature

Railway Club's layouts, the era modelled is the late 1950s/early '60s steam to diesel transition era. There is a village called Glendevon in the area, but it never had a railway. The name was actually taken from a warehouse business in west Edinburgh and the story made up to fit the name. The halt at Carrick Knowe takes its name from

a district in the same part of Edinburgh.

Glendevon is the oldest of the Edinburgh & Lothians Miniature Railway Club's layouts and its origins date back to the early 1980s. The layout was started by a club member as a model of Moffat, the terminus of a Caledonian Railway branch off the West Coast Main Line at



**Reid 'D34' 4-4-0 62497
Glen Mallie rumbles
along the single track
route towards Carrick
Knowe Halt on the
Glendevon branch.**



 The brewery dominates the background as a 'J35' leads a pick up goods back along the branch.



Beattock. The layout then passed to a second member who donated it to the club which at the time was finding it necessary to move from permanent layouts built into the clubroom to portable ones suitable for exhibition use. As received, the layout consisted of just the two station baseboards with track laid on them.

Being based in Edinburgh, our layouts have a London and North Eastern Railway (LNER) and NBR bias so it was decided to make the layout into a fictional North British Railway branch. To complete the layout, a third scenic baseboard and a storage yard were built and these boards are now the only parts of the original layout in use. The club has a habit of extending layouts rather than building new ones so the next stage was to add three baseboards between the station and off scene yard as a separate section with a small halt, Carrick Knowe, and Murray's brewery with its associated siding. Around the same time separate scenic side boards were added in front of Glendevon station and two further baseboards extended the layout beyond the buffer stops and onto these was built Glendevon village.

Following experience at exhibitions the original track plan was found to have limitations, so it was decided to replace the station boards. The new boards incorporated the extra scenic width of the originals and the track plan was changed to make the layout operation more flexible. There matters rested – until last year. We are presently working on another section which will depict a »

“Glendevon is the oldest of the Edinburgh & Lothians Miniature Railway Club's layouts”

JEREMY CHRISTIE



3 A 'J35' 0-6-0 ambles towards Glendevon as it passes through Carrick Knowe with a mixed goods.



4 McIntosh '2P' 0-4-4T 55227 departs Carrick Knowe Halt with the brewery in the background.



5 Right: A Gresley 'V4' 2-6-2, a rare visitor to Glendevon, prepares to take water after arriving with a terminating train.

passing station and industrial branch.

The design of the layout is modular and it can be assembled with or without the brewery and, eventually, with or without the passing station, giving different options for exhibition managers. The possibility of building a second storage yard to allow the passing station to be used as a separate layout has also been discussed.

CONSTRUCTION

Construction of the baseboards is traditional - a timber frame with either chipboard or plywood surfaces depending on the age of the board. This may be 'old hat', but it has stood the test of time and it is our newer layouts with baseboards that use more modern ideas which are having problems.

The scenery is built up either from a card weave or polystyrene blocks cut to shape. This sub-structure is covered with net of the type used in dresses coated with plaster. Originally the scenic cover was the traditional flock scatter, but recent renovations have been undertaken

using static grass and this has greatly enhanced the appearance of the layout. The trees were made from twisted wire covered with plaster and Woodland Scenics foliage, but many of these are now showing their age and consideration is being given to replacing them.

With the exception of the sector plate storage yard which uses Peco products, all the plain track is SMP laid on a cork sub-base. The points are of copper-clad soldered construction and are driven by Fulgurex point motors. The track is ballasted using the usual methods of granite ballast secured by diluted PVA glue.

Like all our layouts, Glendevon is wired for conventional DC cab control. Digital Command Control (DCC) has not made a great impact in the club, partially because of the conservatism of many members, but mainly because of the large number of locomotives owned by the membership that would

need converting. However, there are a number now showing a serious interest in DCC so things may change. The wiring was designed by a member who was a signal engineer in the real world so the signals and points are all interlocked.

OPERATION

There are three control positions, two at Glendevon station and one at the storage yard. The layout controls are designed on the principle that the two main operators, the one at the storage yard and one at the

station, drive the trains coming to them while the third person shunts the goods yard. In reality, at a station like Glendevon, shunting would be done by the train engine, but to keep the interest of

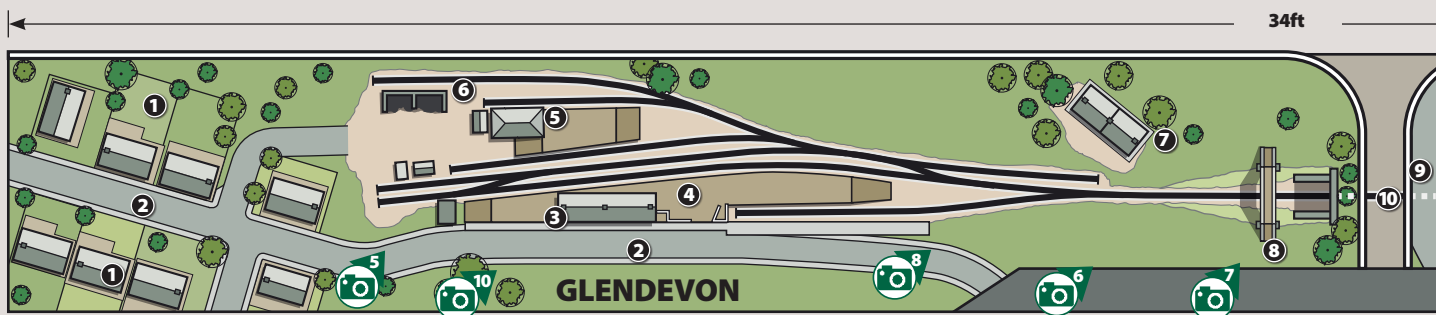
"Digital control has not made a great impact in the club."

JEREMY CHRISTIE

audiences at exhibitions we use a pilot engine for this purpose. This is normally a 'J88' 0-6-0T, but one of Dapol's Sentinels which has been renumbered and modified to represent the locomotive that was »



GLENDDEVON TRACK DIAGRAM (Not to scale)



KEY

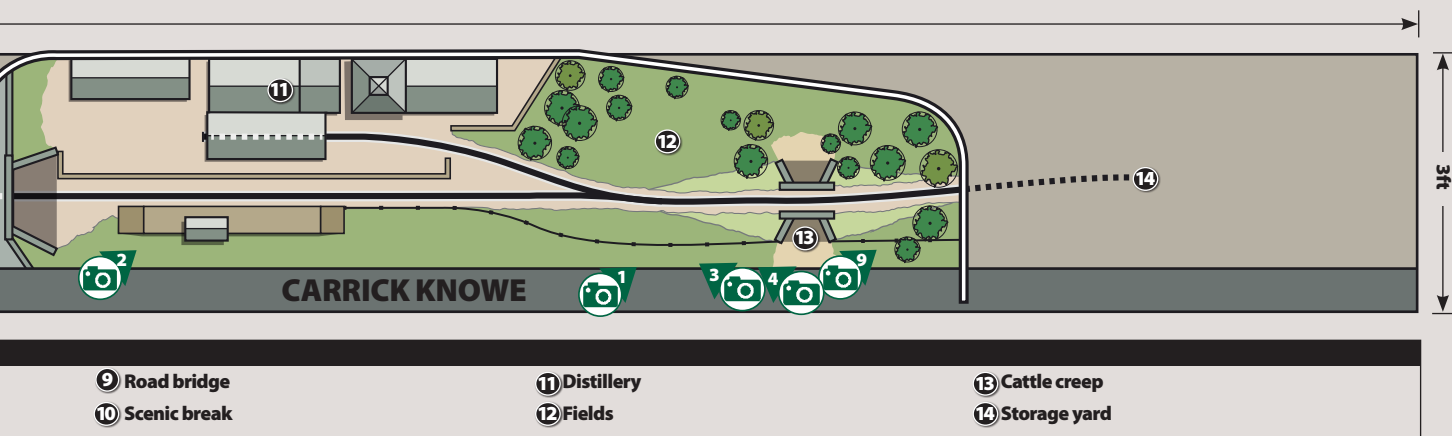
- 1 Village
- 2 Road

- 3 Station building
- 4 Platform

- 5 Goods shed
- 6 Coal staithes

- 7 Cottages
- 8 Farm bridge





 The bracket signal on the approach to Glendevon frames Reid 'C16' 4-4-2T 67492 as it arrives with a terminating branch train.

allocated to Kelso may be used as it has excellent slow running capabilities.

The layout is not run to a sequence or timetable. The main station operator acts as the 'Operations Controller' and he decides which trains will run. This decision, however, is almost always dictated by the progress the third operator has made on shunting the last goods train because a recently arrived goods train prevents a passenger engine running round. To work around these circumstances we added a bay platform so that a Diesel Multiple Unit or railbus can be run along the layout. As well as sending and receiving trains, the storage yard operator makes up goods trains from a pool of wagons kept on a stock tray. While this means the stock is handled a lot, it does give a wide diversity in the goods train formations.

BUILDINGS AND STRUCTURES

The main buildings are all scratchbuilt. Non-railway buildings are modelled on prototypes found in the East Lothian or Fife areas and the station building, goods shed and signalbox are based on typical North British Railway designs.

The shells are constructed from plywood or laminated mounting board, plywood having the advantage that it is less liable to

warp. Where plywood is used, this is then covered with a layer of mounting board. The final surface depends on the finish of the building. On rendered buildings, the top layer of mounting board is

"The layout is not run to a sequence or timetable."

JEREMY CHRISTIE

used, whereas for brick, stone or timber buildings embossed plastic sheet was added. In both cases the surface is finished by painting and shading as required.

Some of the smaller outbuildings are built from kits and the overall roof for >>



 The local farmer rounds up his sheep aided by his trusty Land Rover.



8 Above: Holmes 'J88' 0-6-OT 68338 simmers in the headshunt as 'J37' 64624 arrives with a pick up goods.

9 Left: A Gresley 'J39' 0-6-0 heads along the branch with a mixed goods.

10 Right: A Reid 'J37' 0-6-0 shunts in the goods yard at Glendevon while the DMU ticks over in the bay platform.



the loading bay in the brewery was converted from an Airfix station canopy.

Glendevon was the first club layout to have operating semaphore signals. These are built from the Ratio plastic kits and they have lasted well. It was only earlier this year, while preparing the layout for Model Rail Scotland, that it was found necessary to renew one of them. The single arm signals are driven by coils manufactured by one of the club's members. They are powered to the clear position whilst relying on the weight of the mechanism to return them to danger. The bracketed home signal uses modified relays and finding space for the five relays needed under this signal proved an interesting exercise. The ground signals do not work as it was decided their movement would not be apparent to any audience and as they have frequently fallen victim to track rubbers this has proved to be a wise choice.

ROLLING STOCK

One problem with modelling Scottish railways of the steam era is that there is limited support from the major

manufacturers. The later LNER or London Midland & Scottish Railway (LMS) classes such as 'V3' 2-6-2T, 'B1' or 'Black Fives' 4-6-0s are available as are most of the BR 'Standard' or diesel classes, but when it comes to the earlier North British or Caledonian Railway locomotives there is nothing available. Models of these classes are needed to round out the picture as

engines such as the 'J36' lasted right to the end of steam in 1967.

Over the years, the various kit manufacturers have produced suitable models and for this reason the locomotive stud on Glendevon includes a high proportion of kit built locomotives and one member in particular is very good at converting various off the shelf models into Scottish prototypes. Unfortunately, many of the Scottish outline kits are no longer available so at exhibitions time is often spent searching through the stock of second-hand dealers. There are, however, some suitable kits

currently available from DJH, PDK, 52F Models and Lytchett Manor Models which makes the old GEM range.

Until recently suitable coaching stock also meant kit building. Many of the coaches originally used on Glendevon were Ian Kirk kits, but Hornby now manufactures suitable Gresley and Thompson non-corridor carriages. Wagons

are a mix of ready-to-run and kits from manufacturers such as Parkside Dundas.

Glendevon has been exhibited many times in Scotland, but only twice south of the

border, at Carlisle in 2003 and Doncaster in 2015. In spite of its age, it still gets many favourable comments from the audience. There are still things we need to finish - for example, point rodding for which we bought the parts at Doncaster two years ago, but still haven't got round to fitting. One day it will be completed, but as a club we all still enjoy adding more to this veteran of our society. 

"Glendevon was the first club layout to have working signals."

JEREMY CHRISTIE



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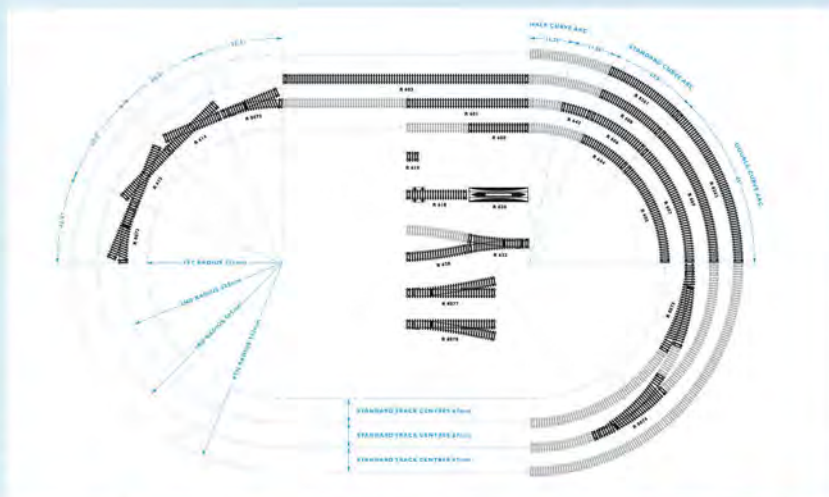
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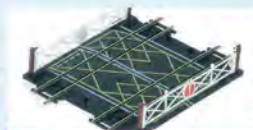
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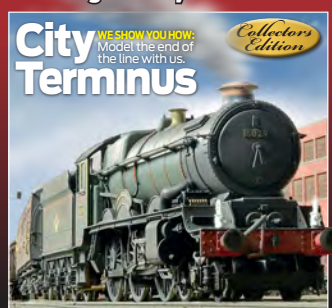
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'Peak' PRACTICE

The Class 45 diesels were giants of the early diesel era with gigantic weight and an eight-axle chassis. **MIKE WILD** inspects Heljan's latest 'O' gauge ready-to-run model of the second series 'Peak'.

**FIRST
REVIEW**





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Cat No:	4501
Description:	BR Class 45 1-Co-Co-1, BR green
Scale:	'O'
Price:	£699
Era:	5
DCC:	DCC compatible
Couplings:	Working screw links

The substantial size of the 1-Co-Co-1 Class 45 suits 'O' gauge. Heljan's model is available in a selection of BR green and blue liveries.

The 'O' gauge Class 45 is big and heavy too. It looks superb.

IN DIESEL LOCOMOTIVE design the 1-Co-Co-1 wheel arrangement is borderline pre-historic – rather like single driving wheel steam locomotives. Drive styles, weight saving, body design and engine management and power output have all been continuously improved over the last 57 years since the first of the class entered traffic. In fact, the BR Sulzer Type 4s of the Class 45 and Class 46 fleets were the final diesel locomotives for British Railways to employ the 1-Co-Co-1 wheel arrangement, following in the footsteps of the 1950 built Bulleid diesels, the 1958 introduced English Electric Class 40 and the first series of 'Peaks' – the 1959 introduced Class 44s. From the early 1960s forward even the largest diesel locomotives have only required a Co-Co six-wheel chassis while the very latest in engine and body design for the Class 68 means that four fewer axles and almost 50tons



less this new diesel class produces 1,300hp more than the once impressive 2,500hp developed by the Class 45.

While in real railway terms the Class 45 is ancient technology, for modellers it is a highly appealing recipe – and especially in 'O' gauge where you really get to appreciate the dominating size of the 'Peak'. Heljan first announced this model in 2015 and has worked relatively swiftly through the process to deliver a batch of four different production locomotives in BR green and blue liveries together with a limited edition for Tower Models.

Significantly for 'O' gauge, this is the sixth new ready-to-run locomotive to be delivered for the scale in six months which is great news on one hand, but bad for the bank balance on the other!

THE MODEL

Heljan has elected to model only one of the five bonnet front designs employed by the Class 45 fleet consisting of a twin panel centre headcode box which is suitable for a large number of the fleet. Other versions included split headcodes with and without communication doors, a single panel central headcode box and the final refurbished design with flush fronts and twin lights.

Our sample was delivered in BR green with small yellow warning panels, a grey roof and lower bodyside stripe (Cat No. 4501), but there are also economy green and BR blue versions available

on the same bodyside. Heljan has revised its packaging for this model and the »





Detailed bogies with drive to the second and fourth axles

Heavy die-cast chassis for maximum haulage capacity

Central PCB for light and motor control

Heljan has modelled the size of the '45' well.



Below: Up close the Class 45 shows its detail qualities.



LIKE THIS, TRY THESE...

Motive Power: Heljan Class 37 (HM119), Little Loco Company Class 15 (HM117), Dapol Class 08 (HM116).

Rolling Stock: Heljan/Tower Models BR Mk 1 BG and GUV, Dapol 12ton vent vans.

common foam packaging has been replaced by the model being bolted to a strip of 12mm thick MDF and surrounded by foam packing pieces to allow it to travel safely. This is a good thing in our book as these are heavy 4kg models which could easily shift in transit when not handled carefully during the posting process. Removing it from the new packing piece was a two-minute job to release the screws from the baseplate and the loose brackets which keep the bogies in line. Once extracted you will also find a detailing pack which contains sandboxes to fit to the rear of the bogies, boiler filler hatch covers for



“Heljan has done itself proud with the exterior detailing.”

the roof, step covers, boiler side vent covers and alternative bodyside grille blanks to allow further customisation of the model.

All this goes on top of what has to be said is a very good looking model. Heljan has done itself proud with the exterior detailing and finish which captures the looks and style of the ‘Peak’ to a tee. This is everything from the fully detailed bufferbeams to the cab handrails, windscreen wipers (although in early condition they should only have one not two), windscreen roof details and bodyside grille. The bogies, once fitted with the rear sandboxes, are superb and enhanced further by pipe runs immediately below the bodysides and around the fuel tanks. The etched bodyside grilles even have the bracing which was so characteristic of the prototypes.

Decoration matches our expectations for a Heljan product with crisp edges between all colours, accurate shades and neat printing of the BR totems and builder’s plates. The white cab handrails are perhaps a little stark, although accurate, while we are also impressed that Heljan has correctly followed the masking of the yellow warning panel to include the tail light casings.

Like all Heljan diesels, the Class 45 is delivered

without numbers leaving the owner free to select their own choice and even one of the named examples. Tower Models has put together a useful list of all the Class 45s in this format and their original and later numbers – visit www.tower-models.com for the full list.

PERFORMANCE

The ‘45’ is powered by twin motors with the same drive format as the new Class 37 (HM119). This consists of vertically mounted motors on each bogie with large brass flywheels on top. However, on the up side, it is simpler to add a digital decoder to this model as the central Printed Circuit Board (PCB) features a set of screw terminals positioned at one end so, while care is still needed, at least it is only a case of undoing screws, removing the original PCB and installing a large scale decoder with screw terminal fittings.

Directional lighting is provided as standard and we found under analogue control that this was hesitant at low speed while at high speeds there was light bleed from the headcode panel lights into the tail lights. Cab interior lighting is provided too and through a suitable decoder

this could be operated by a separate function. The roof fan is powered by its own motor too which is connected back to the central PCB.

On the track our sample ran smoothly and quietly straight from the box. After running in for 30 minutes in each direction, we subjected the model to load testing in which it proved perfectly capable of handling a seven coach train of Heljan Mk 1 carriages and also at negotiating down to second radius Peco set track curves.

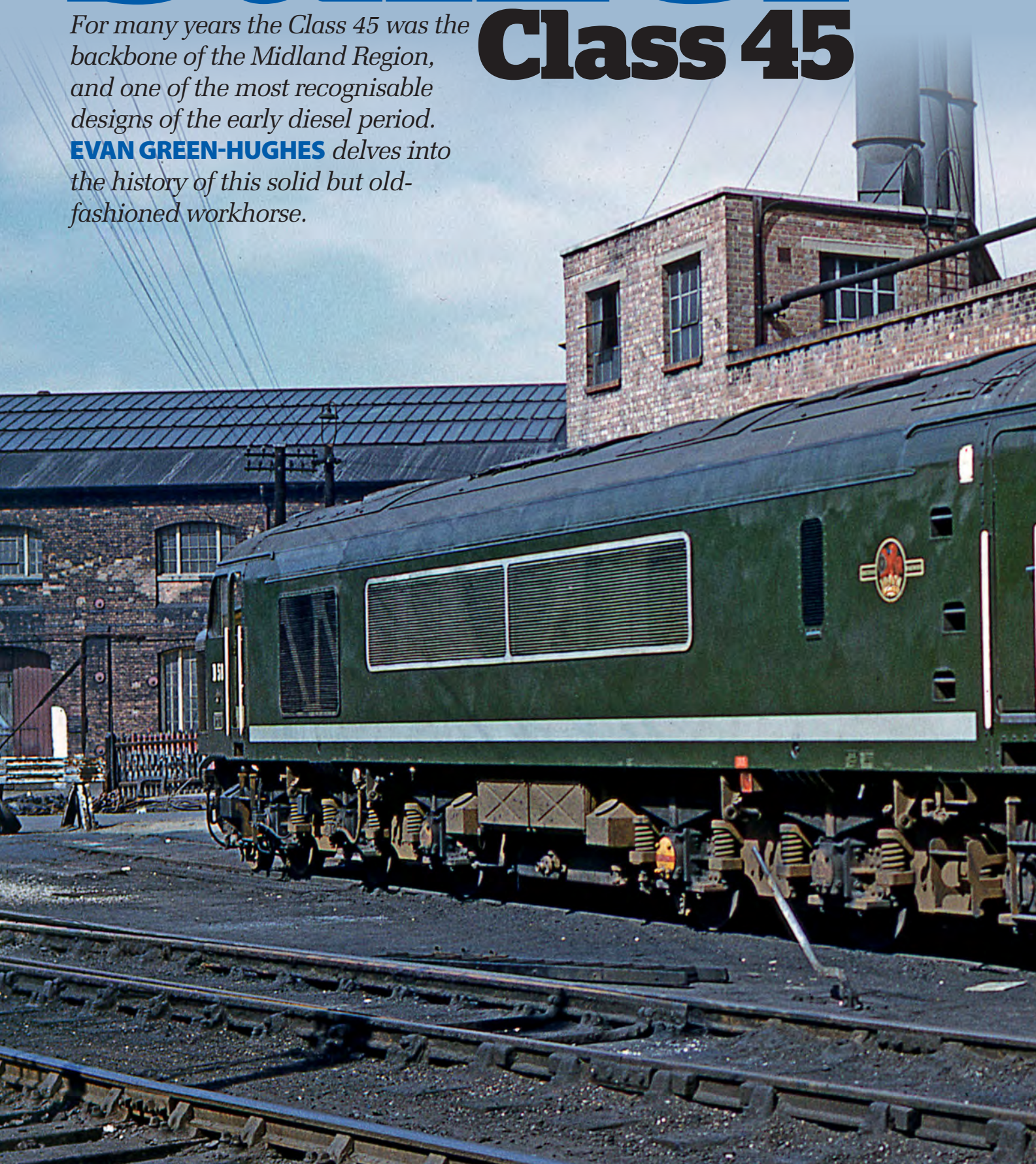
OVERALL

Heljan has a strong reputation for the performance of its ‘O’ gauge models both on the track and for rapid sales and the new Class 45 is certain to back up that trend. My only concern (and I accept that it might seem ungrateful) is that it has followed too quickly after the Class 37 and perhaps would have been better arriving in a couple of months’ time. That’s open to individual preferences, but either way we now have a stunning model of the ‘Peak’ which has the weight and poise of the real thing in model form. A great model for sure. (MW)

The BR Switzer Class 45

For many years the Class 45 was the backbone of the Midland Region, and one of the most recognisable designs of the early diesel period.

EVAN GREEN-HUGHES *delves into the history of this solid but old-fashioned workhorse.*



Right: Class 45/0 45057 passes through Manton Junction with empty HAA coal hoppers from the Peterborough direction on April 28 1983. This locomotive lasted two more years in traffic before withdrawal in 1985. John Chalcraft/Railphotoprints.co.uk.

Below: Just over a year old and still resplendent in BR green with small yellow warning panels, D58 (later 45043) stands at Saltley Depot in April 1963. In 1973, by then in BR blue livery, it was named *The Kings Own Royal Border Regiment* and was withdrawn from service in 1984. Railphotoprints.co.uk.



WHEN the decision was taken in 1955 that the country's railways were to drop the steam engine in favour of more modern traction

it was natural that British Railways itself would get involved in diesel locomotive construction. Derby Works subsequently built one design in the highest Class C (later Type 4) power category which became better known as the Class 44. Ten of these were built as a pilot batch and even before the paint was dry and they were fully evaluated, thoughts had turned to mass production.

In January 1959, orders were placed for a further 137 locomotives but these were to have several upgrades designed to eliminate issues that had been discovered with the pilot batch and were therefore to become the Class 45s. The principal difference between the new locomotives and the originals was that the power unit, a Sulzer 12-cylinder, now incorporated some charge air-cooling which increased the horsepower from 2,300hp to 2,500hp and there were also some changes to the traction motor gearing. Close attention was paid to the weight of the overall package as the pilot scheme engines had come out somewhat heavier than had originally been intended.

Electrical equipment was to come from Crompton Parkinson, as with the earlier engines, and the new locomotives were to be numbered D11-D147, although the final ten were later deleted from the order being turned out to a different specification as Class 46s. Construction was to be shared between the works at Derby and Crewe.

The new fleet was allocated in its entirety to the Midland Region, mainly for use on the Midland Main Line. When D11 became the first to emerge from Derby Works in October 1960 it was immediately sent to Willesden shed. D68 followed from Crewe shortly afterwards. The pioneers of the class were then put to work on newly-created diagrams between London St Pancras and Manchester Central starting in January 1961. Additional turns between the two cities were then added as further deliveries arrived with the sphere of operation then being extended to Leeds. »

It had been intended that the Class 45s would quickly be introduced further afield, with the cross-country route from Bristol to Newcastle being one target and trains from Leeds to Carlisle being another, but progress was hampered by crew training delays and by the civil engineers who were slow in accepting them for some routes. However, by the summer of 1961 they were being used beyond Derby as far as Sheffield and York and later in the year began to appear on Leeds to Glasgow and Edinburgh trains. Through Bristol to Newcastle workings began with the introduction of the winter timetable while sufficient numbers were also available to enable use on fitted freights from Bristol to the Midland Region and along the Midland Main Line.

THRILLING RUNNING

The Class 45s quickly established a reputation for being powerful machines. Contemporary railway magazines reported that their running was 'exhilarating' especially on the Settle to Carlisle where long stretches of 1-in-100 were climbed at speeds twice those of the steam engines that they had replaced.

With loads of nine coaches, the new diesels could achieve a steady 60mph up the grades while the best that had ever been managed by the previous 'Jubilee' 4-6-0s was in the region of 30-35mph. The class also proved capable of tackling the formidable Lickey Incline near Bromsgrove unassisted, taking 325ton trains up the 1-in-37 at speeds of around 26mph and without the delays usually associated with the use of banking engines. The locomotives also proved to have good utilisation and range with some workings, such as the famous 'Condor' fitted container train using the same machine to haul a train for its entire journey between London and Scotland. In tests freight trains weighing as much as 1,528tons were hauled, while D108 excelled at the head of a 1,300ton train of steel ingots between Darlington and Severn Tunnel Junction during 1962.

As deliveries progressed, some differences between various locomotives were incorporated. D11-D31 and D68-D107 were built with split headcode boxes, with the first batch having central communication doors between the 'boxes'. These were followed by D32-D67 and D108-D137 which were built with a centrally located twin aspect four-character headcode box. Further variations came from the mid 1960s when the central headcode box was turned into a single aperture while during the 1980s a number were rebuilt with flush fronts.

Unfortunately, the Class 45s ran into reliability issues and by 1962 availability levels for the whole fleet were down to 64%. The harsh winter of 1962-1963 reduced the number available for duty to below half the fleet total but services were maintained largely due to the Midland Region having almost twice the number of engines it needed at that time, due to the massive number being delivered.

As was the case with other classes fitted with the 1-Co-Co-1 style of bogie, fires and fractures became a recurring theme and there were also problems with the



45106 was the last of the class to remain in service and wasn't withdrawn finally until 1989. It gained a celebrity status for its BR green livery which it displays here at London St Pancras with the 5.50pm to Derby on October 26 1988. John Chalcraft/Railphotoprints.co.uk.

traction motors which took some years to fully iron out. Engine seizures affected the class during their early years, later followed by fatigue cracking of the engine blocks - but these issues were successfully worked through, allowing the class to settle down and to give useful service.

British Railways began naming locomotives in the early 1960s after famous regiments, with those in the programme seemingly being selected in random fashion. Those which did receive names had them added at various times between 1962-1965.

Although primarily considered to be associated with the Midland Main Line, the Class 45s were the first large diesel-electrics to work on the Western Region, reaching Devon and Cornwall when undertaking duties on the South West-North East route. The class also worked into Bath with expresses destined for the Somerset & Dorset line, originating in either Manchester or York. However, it is for passenger and freight duties between London, Derby, Sheffield and Leeds and between Leeds and Carlisle that the class is best known. In the late 1960s a start was made on equipping them with train air brake equipment - while in the early 1970s, 50 were upgraded so that they could provide electric train heating for use with the new generation of air conditioned Mk 2 carriages then being introduced. Locomotives equipped with electric heating were then designated as Class 45/1 when the TOPs computerised numbering system was introduced and no-heat or steam-heat locomotives became Class 45/0.

THE END NEARS

The Class 45s, along with their newer sisters the Class 46s, remained the staple motive power for the Midland Main Line until 1982 when they were displaced by HSTs. Many were relegated to secondary duties while others were transferred to the Trans-Pennine Newcastle-Liverpool corridor where they worked successfully until replaced by Class 47s. Others were extensively used on newspaper and parcels traffic but the loss of most of this work to road further reduced the opportunities for

the use of the class. The Settle-Carlisle, meanwhile, was a shadow of its former self with many of its principal expresses transferred away and in due course the type also disappeared from this route. By this time all those that remained in traffic had lost their headcode boxes in favour of two white marker lights and all were painted in BR blue with full yellow ends.

Inevitably withdrawals began, starting in 1980 with Class 45/0s 45008/021/030/032/039/047 all being condemned towards the end of the year and with others of both types following over the next eight years. During this period many received unofficial names, particularly those that had gravitated to Tinsley depot in Sheffield while some achieved fame when used for enthusiast specials particularly 45106 (D106) unofficially named *Vulcan* which hung on until 1988 - it was finally withdrawn in February 1989 after catching fire on a Derby-St Pancras working. 45128 (D113) *Centaur* was then hurriedly reinstated to haul two final railtours before it, too, made the journey to MC Metals for scrapping.

PRESERVATION BECKONS

By this time, the heritage railway movement was in full swing and this led to 12 of the class surviving the cutter's torch with today's examples being located at several preservation sites where they continue to prove to be popular. Two sites that are particularly involved with the Class 45 are the Midland Railway-Butterley and Barrow Hill Roundhouse, both of which have a number of examples based there. One, 45112, has even had a spell of operation on the main line during its preservation career, although it is not currently certified to work on the National Network.

None of these distinctive locomotives have now been on the main line in normal service for almost 30 years, but they have amassed a considerable following. Although at least one of those saved is under threat of scrapping, there are sufficient left in working order for this enthusiasm to continue for many years to come. 



Split headcode Class 45 D77 Royal Irish Fusilier crosses Plawsworth Viaduct southbound with 3M27 on September 7 1968. Note the Gresley full brake at the head of the train, along with BR blue and grey and maroon Mk 1 stock.
Chris Davies/Railphotoprints.co.uk.



The early 1980s were the final years of 'Peak' haulage on Cross-Country workings. On July 30 1982 45125 bursts into the sunlight between the Tunnels at Fiveways, Birmingham, with a Glasgow - Bristol service. This locomotive is now preserved at the Great Central Railway with its original number D123 and *Leicestershire and Derbyshire Yeomanry* name. Brian Robbins/Railphotoprints.co.uk.

Wartime black Hornby 'Schools'

● Price: £154.99 ● Cat No: R3458 ● Site: www.hornby.com ● DCC: 8-pin socket ● Era: 3

RIGHTLY regarded as one of Hornby's finest models, the Maunsell 'Schools' 4-4-0 is now available in another of the many livery/detail variations available to the company. 921 *Shrewsbury* carries Southern Railway unlined wartime black with 1940s 'Sunshine' lettering and numerals, topped off with a wide diameter chimney for the Lemaitre blastpipe.

921 was an Eastern Section machine, based at Ramsgate until July 1946, and then Bricklayers Arms in south London to March 1951. As such it would have been a regular on trains to the Kent Coast.

Compared to many liveries on this class, it's a fairly sombre look, but not unattractive and it should appeal to those modelling the final few years of the Southern and the birth of British Railways. It will look very much at home on a set of Hornby's excellent SR green Maunsell coaches.

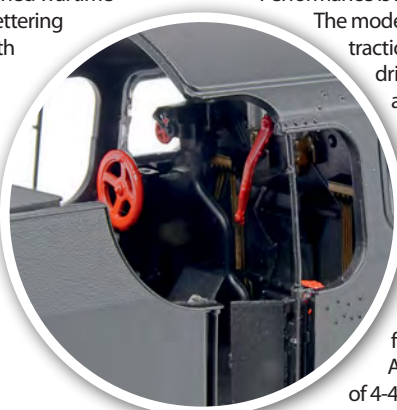
Hornby's model is also impressive – in looks, detail and performance. In this guise it is neatly

and accurately decorated, with crisp printing of the shaded numerals and lettering on a satin black base. Correctly, the locomotive's number is repeated on the bufferbeam and, unusually, the rear of the tender tank.

Performance is smooth, quiet and reliable.

The model is locomotive-drive with traction tyres on the leading driving wheels giving additional power for hauling scale length trains, although the die-cast boiler ensures that the model has substantial weight. An 8-pin DCC socket is located in the tender together with space for a 28mm round speaker for sound installations.

As well as being the last class of 4-4-0 locomotives built for a British railway, Richard Maunsell's blend of components from his 'King Arthur' and 'Lord Nelson' 4-6-0s proved to be among the finest express machines built by any 'Big Four' company, providing more than three decades of superb service. Hornby's model is a fitting tribute to a classic express passenger machine. (BJ)



Hornby Collett 'bow end' stock – now in BR maroon

● Price: £44.99 each ● Cat No: R4763-R4767 ● Site: www.hornby.com ● Era: 5

Hornby's excellent Great Western Railway (GWR) Collett 'bow end' coaches are now available for the first time in post-1956 BR lined maroon. As with previous GWR and BR crimson/cream releases, five models have been produced, allowing modellers to assemble authentic sets with left- and right-handed corridor vehicles.

Brake Third Corridor (left and right-hand), Composite Corridor (left and right-hand) and Third Corridor vehicles provide much of what you'll need to build a convincing train, although there's no suitable catering vehicle to match. Another factor to bear in mind is that by the late-1950s, when these coaches were being painted in maroon, many had been relegated



from front-line service and were operating in sets of mixed origin, or in two- or three-coach sets on secondary and branch line trains.

However you choose to employ them, there's no question that these are superb models of a classic GWR coach design, bristling with

fine detail and capturing the character of the prototype perfectly. Ideal for use with Hornby's 'Castle', 'King' and 'Hall' 4-6-0s, as well as many smaller types and even Western Region diesel-hydraulics such as the Dapol NBL Type 2, Bachmann 'Warship' and Heljan 'Hymek'. (BJ)





HORNBY '90' RETURNS WITH RAILROAD

It's almost 30 years since Hornby first released its Class 90 25kV AC electric, along with the East Coast Main Line Class 91. They were very different times for British 'OO' gauge and standards (and our expectations) have shifted significantly since they first appeared.

However, that didn't stop Hornby releasing the '90' in many liveries over the years, and even giving it a makeover a couple of years

ago, adding Digital Command Control (DCC) capability at the same time. But, even with those improvements, the '90' was much better suited to Railroad rather than the 'red box' range.

That switch has now occurred and the '90' has been released in early- to mid-1990s guise. Depicting one of the 11 Class 90s delivered in 'Mainline' livery for general purpose locomotives that might be employed on InterCity passenger

work, 90135 is modelled in post-1991 condition, after it was renumbered from 90035 to denote its status as a freight-only machine.

Mechanically, the '90' retains the smooth-running power bogie with five-pole motor and two traction tyres, plus an 8-pin DCC interface. Detachable couplings in NEM pockets moulded into the streamlined valances are also a useful feature. (BJ)

- **Price:** £89.99
- **Cat No:** R3585
- **DCC:** 8-pin socket
- **Site:** www.hornby.com
- **Era:** 8



Hornby *Coeur-De-Lion*



- Price: £179.99
- Cat No: R3520
- Site: www.hornby.com
- Era: 5
- DCC: 8-pin socket

HORNBY'S 'OO' gauge BR 'Britannia' Class 4-6-2 makes a welcome return to the range as 70007 *Coeur-De-Lion* in BR lined green with late crests.

Built at Crewe Works in 1951, 70007 spent much of its career operating on former Great Eastern metals based at Norwich Thorpe (32A) depot until it was reallocated to March (31B) shed in 1961. Following a short spell here it was subsequently reallocated to the London Midland Region's Carlisle Kingmoor (12A) motive power depot in 1963 where the class saw out its final years. With just over 14 years in revenue service, *Coeur-De-Lion* was the first 'Britannia' to be withdrawn in June 1965 and was scrapped at Crewe Works a month later.

This latest Hornby release carries a 32A shed plate together with late crests, which places it in the late 1950s/early 1960s period under the auspices of BR's Eastern Region.

Teeming with detail, the model comes with sprung metal buffers, metal screw-link coupling, separate smokebox door dart, fine wire handrails, sliding cab roof ventilator and more.

The intricately detailed cab interior features flush-glazed spectacles and deflector glass and is neatly decorated throughout, as is the semi-permanently coupled BR1 tender with removable coal load, ladder, lamp irons and first-rate rivet detail.

Decoration is up to Hornby's trademark

specification with a high-quality paint finish, neat orange and black boiler bands and lining together with crisply printed numbers, shed plates, nameplates and exquisite BR crests.

An 8-pin Digital Command Control (DCC) decoder socket is situated within the tender, connected to Hornby's four-pin plug and socket arrangement between locomotive and tender. NEM pockets feature small tension lock couplings while a separate detailing pack contains brake rodding, cylinder drain cocks, buffer beam pipes, chain guard and a flanged pony truck wheel, to replace the factory-fitted flangeless example.

Another outstanding release which is sure to prove popular. (MC)

Hornby GWR 'Star' returns





Master Piece launches tank engine crews

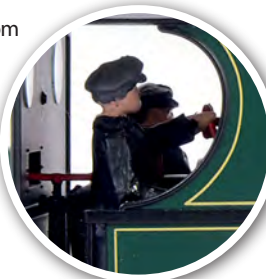
● **Price:** £10 (painted) ● **Contact:** 01428 727341 ● **Era:** 3-6

Master Piece Figures has issued three new packs of 'OO' gauge cast figures suitable for placement on the footplate of Hornby's diminutive 'OO' gauge Peckett 'W4' 0-4-0ST (Cat No. FF108), Hatton's Great Western Railway (GWR) '14XX' 0-4-2T (FF119) and Bauer Media's Bachmann-produced Southern Railway (SR) 'USA' 0-6-0T (FF120).

Cast in lead-free pewter, each pack contains a driver and fireman in a selection of subtle poses – our '14XX' and 'USA' tank crews were decorated in weathered railway denim blue uniforms while the 'W4' crew are finished in civilian attire suitable for an industrial setting.

With limited space on their intended footplates, consideration has been given to positioning. The

three packs are custom designed to fit in the specific locomotive classes with the crew members are suitably posed to fit the cabs. The Peckett 'W4' pairing are intended for placing from the left-hand side of the cab due to the delicate nature of fittings on the other side and once installed they add greatly to the already high level of detail on the locomotives. Available now - no footplate should be without them. (MC)



GVH helps check wheels

● **Price:** £4.99
● **Cat No:** GVB2BOO
● **Site:** www.goldenvalleyhobbies.com

New to Golden Valley Hobbies' range of model railway accessories is this 'OO' gauge back-to-back wheel gauge. Developed to help overcome issues with 'OO' gauge wheel alignment, it consists of a small 44mm x 70mm 'T' shaped section of 3.1mm light green plastic sheet. The top edge features a small cut away area which is useful for handling and hanging on a hook about the layout, while the lower section is set for a 14.4mm back-to-back wheel width. This section can be placed between a pair of 'OO' gauge wheels for fine tuning to ensure they are correctly spaced. Simple to use and available now. (MC)



● **Price:** £149.99 ● **Cat No:** R3455 ● **Site:** www.hornby.com ● **DCC:** 8-pin socket ● **Era:** 3

George Jackson Churchward's 'Star' 4-6-0s were a four-cylinder development of the 'Saint' 4-6-0s and the forerunner of the legendary GWR 'Castles' and 'Kings'. Seventy-two were built in seven batches between 1907 and 1923, before production moved onto the 'Castles'.

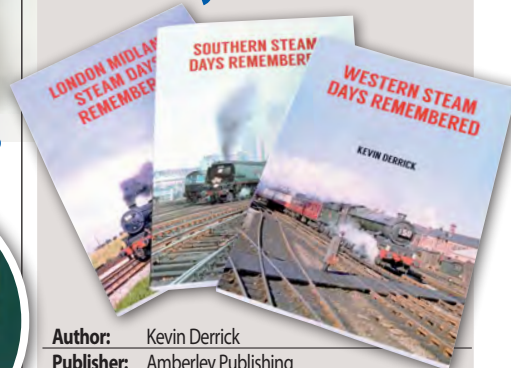
Hornby's latest edition of the Edwardian express passenger 4-6-0 features 4013 *Knight of St Patrick* in Hawksworth's late GWR livery, with G-Coat of Arms-W decoration on the tender. 4013 was built in 1908 as part of the second batch of 'Stars' and withdrawn from Chester shed in May 1950. This livery probably represents 4013 in its final condition, between 1945 and 1950.

The elegant 4-6-0 carries neatly applied lined green with a pleasing satin finish, crisp lining and perfectly applied number and nameplates, not to mention various other parts printed to represent polished brass.

Our sample featured excellent fit and finish and was a smooth, competent performer on a lightweight express train of six bogie coaches. Pick-ups are fitted on all but the front bogie wheels. An 8-pin Digital Command Control (DCC) decoder socket is housed in the tender together with space for a 28mm round speaker. Pair it with Hornby Collett 'bow end' stock or 'Centenary' coaches in GWR chocolate/cream for a late-1940s look. (BJ)

RECOMMENDED READING

Steam Days Remembered



Author:	Kevin Derrick
Publisher:	Amberley Publishing
Title:	Western Steam Days Remembered
ISBN:	978-1-4456-6981-6
Title:	Southern Steam Days Remembered
ISBN:	978-1-4456-6977-9
Title:	London Midland Steam Days Remembered
ISBN:	978-1-4456-6979-3
Price:	£14.99 each
Spec:	96 pages, paperback

RECENT ARRIVALS from Amberley Publishing include this trio of picture volumes in Kevin Derrick's *Steam Days Remembered* series covering British Railways' Western, Southern and London Midland Regions.

Now available in paperback, each follows a similar format with an entertaining scene-setting introduction from an enthusiast or footplateman perspective, together with a varied selection of evocative images of steam locomotives at work in the 1950s and 1960s.

Western Steam Days Remembered covers everyday main line and branch line workings, with a focus on London, the West Country and Cambrian section operations, as well as depot shots and a visit to Swindon and the all-too familiar sight of long-withdrawn GWR locomotives awaiting their fate. Inter-regional and special workings also feature together with a small section on the developing preservation scene in the 1960s.

The author's Southern Steam Days Remembered volume mainly concentrates on South Western services out of London Waterloo to the South Coast and West Country, with sections on the Isle of Wight and Hayling Island branch included too. Depots at Nine Elms and Eastleigh are visited, while everyday passenger services and special trains are noted, along with a glimpse at freight locations such as Southampton Docks.

London Midland Steam Remembered begins on the Settle and Carlisle line with stunning shots of lengthy BR '9F' 2-10-0 hauled freights, lineside visits to Tebay, Lancaster, the Great Central and North Wales Coast routes, trips to Crewe and Carnforth and much more.

Each volume also acts as a useful reference guide for modellers who wish to replicate the atmosphere from this period in miniature. Much detail is evident from semaphore signals, point-rodding and platelayers' huts to depots, locomotives and rolling stock during the 1950s and 1960s. (MC)

DRS '37/0' from Kernow

- **Price:** £149.99
- **Cat No:** 32-780U
- **Site:** www.kernowmodelrailcentre.com
- **DCC:** 21-pin socket
- **Era:** 9

DIRECT RAIL SERVICES (DRS) is always a popular subject with modellers of the privatisation era. Combine that with the huge enthusiasm for Class 37s and you're likely to have a successful model on your hands.

Kernow Model Rail Centre's latest exclusive 'OO' gauge model from Bachmann depicts former Inverness machine 37261 in original DRS colours, as carried from 2005, when it was acquired from West Coast Railways, until its 2012 repaint into 'Compass' livery. Unlike many DRS Class 37s, this locomotive received relatively few external modifications and is therefore well-suited to Bachmann's late centre-headcode '37/0' tooling.

Execution of the attractive DRS blue livery is superb throughout with crisp printing and convincing colours – it's an excellent choice by KMRC that should prove popular with collectors and modellers of the 2005-2012 period.



Just 512 have been produced, all supplied with a numbered certificate and information sheet detailing

the history of 37261, which was withdrawn in 2014 and stripped of many components before being rescued by the Scottish Class 37 Group for restoration at Bo'ness.

Decoration aside, it's a standard Bachmann

NSE '47' launches from KMRC



After being replaced on ScotRail Express duties by Class 158s in 1990/1991, some of the 100mph push-pull Class 47/7s were transferred south to replace Class 50s on the Waterloo-Exeter route. Having been worked extremely hard on the intensive Edinburgh-Glasgow-Aberdeen services by ScotRail, the newcomers were hardly the best example of Network SouthEast's (NSE) smart corporate image, but they provided welcome relief for the increasingly unreliable '50s' on the tough West of England route.

Kernow Model Rail Centre has taken Bachmann's Class 47/7 and given it an unusual twist, depicting 47706 in shabby, pockmarked and faded ScotRail livery with NSE 'flashes' on the cabside, as well as Haymarket and Eastfield depot emblems as a reminder of its previous employment. The model is probably the most heavily distressed locomotive ever produced by Bachmann, but is superbly executed, giving a convincing impression of a locomotive desperately in need of works attention.

The model depicts 47706 in 1992/1993 condition, after the painting over of its ScotRail lettering and application of NSE logos. Pair it with Bachmann NSE Mk 2a air-braked stock or, if you prefer, with Rail Express Systems (RES) parcels vans, as seen after it was released by NSE in mid-1993.

Limited to 512 pieces, KMRC can supply them with a Digital Command Control (DCC) decoder fitted or with DCC sound installed for £179.99 or £259.99 respectively. (BJ)

- **Price:** £159.99
- **Cat No:** 31-635Z
- **Site:** www.kernowmodelrailcentre.com
- **DCC:** 21-pin socket ● **Era:** 8



Class 37/0 with all-wheel drive and pick-up, 21-pin DCC socket, directional LED marker, tail and headlights and switchable cab interior lights. Three-piece miniature snowploughs are included in the detailing pack, and were

carried by 37261 in this livery together with a full set of bufferbeam pipework. KMRC can supply the model DCC ready, with a decoder fitted (£169.99) or with DCC sound for £249.99. (BJ)

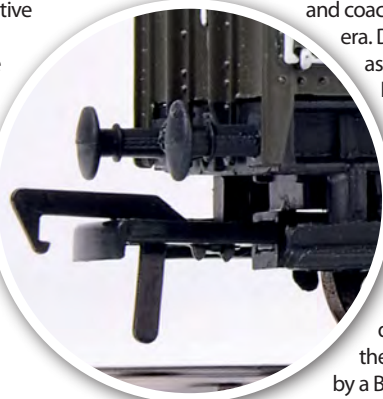


Kernow exclusive BR olive 'Toad'

● Price: £16.99 ● Cat No: 33-300W ● Site: www.kernowmodelrailcentre.com ● Era: 7

Great Western Railway 'Toad' brake vans are one of the most distinctive and recognisable pre-BR goods vehicles, but they're not limited to steam era layouts. A good number survived throughout the 1970s and 1980s in departmental service with BR – often heavily modified for new roles.

This latest edition from Kernow Model Rail Centre takes the Bachmann GWR 'Toad' as the basis of a 1970s BR vehicle, painted in the drab olive



green used for departmental wagons and coaches in the BR blue era. DW35377 is labelled as allocated to the Civil Engineers Department, based at Worcester and carries the TOPS computer code ZTO, denoting its lack of train braking equipment. 512 have been produced. It's an ideal vehicle for use in Western Region departmental trains of the 1970s, perhaps hauled by a BR blue 'Hymek', NBL Type 2 or a WR Class 37. (BJ)

RECOMMENDED READING

New volumes on RAILWAY SIGNALLING



Publisher: Amberley Publishing

Author: Allen Jackson

Title: Signalling and Signal Boxes along the SECR routes

ISBN: 978-1-4456-6936-6

Title: Signalling and Signal Boxes along the LBSCR and Isle of Wight routes

ISBN: 978-1-4456-6930-4

Author: Gordon D. Webster

Title: Signal Boxes and Semaphores – The Decline

ISBN: 978-1-4456-5617-5

Price: £14.99 each

Spec: 96 pages, paperback

These latest volumes from Amberley Publishing shine the spotlight on traditional methods with two books dedicated to signalling on former South Eastern and Chatham Railway (SECR) and London, Brighton and South Coast Railway (LBSCR) lines while a third covers the decline of traditional signalboxes and signalling countryside.

Compiled by Allen Jackson, *Signalling and Signal Boxes along the SECR routes* and the similarly titled LBSCR and Isle of Wight volume provide area surveys of traditional signalboxes in the South East with the operational status (up to 2016) of each.

They offer a contrasting view of time-honoured and modern systems working together, there's a rich variety of signalbox designs depicted from humble crossing huts and traditional boxes to distinctive East Kent electrification and art-deco brick structures, together with elevated and suspended examples.

Gordon D. Webster's *Signal Boxes and Semaphores – The Decline*, covers England, Scotland and Wales with a good selection of interior images too – those of Severn Bridge Junction 'box' in Shrewsbury demonstrate the sheer size of its immense operating floor, while the image of the 'box' at Penzance offers possibly one of the best views from 'the office'!

Signalling methods and terms are explained in some detail ensuring these titles also present a great research tool. (MC)

Sound 'Castle' is

- **Price:** £219.95
- **Cat No:** 372-033DS
- **Site:** www.bachmann.co.uk
- **DCC:** Next18 socket (sound fitted)
- **Era:** 9



THE first of the new Graham Farish 'N' gauge Great Western Railway (GWR) 'Castle' 4-6-0s arrived last month (HM119), but now the follow up version that we've been waiting for has landed – with digital sound fitted.

Sound for 'N' gauge is very much a recent phenomenon for ready-to-run products which has come about through the availability of suitable technology and Bachmann's decision to begin equipping its new tool models with the more capable Next18 decoder socket.

This fourth version of the new 'Castle' is delivered in Great Western lined green livery as preserved example 5029 *Nunny Castle*. This popular locomotive has been a regular on the main line hauling railtours and carried the livery applied to this model version in the early 2000s. It gave way to early British Railways livery in 2011. For modellers, this makes this model ideal for railtour specials where it can operate alongside everything from Class 66s to HSTs and Diesel Multiple Units.

Externally, 5029 is identical to the model of

5041 *Tiverton Castle* which we reviewed in HM119, apart from a GWR period smokebox door without numberplate and a more embellished preservation era livery.

What sets it apart though is the equipment inside. It is fitted with a Zimo MX649 decoder with Next18 plug in the tender together with a Zimo cube speaker to handle the audio output. Zimo's decoders are well respected – and well known and tested in the *Hornby Magazine* office too – and offer fine motor control, extensive programming abilities and an impressive

Express Dairies Southern vent vans ● **Price:** £48.95 ● **Cat No:** 377-440 ● **Site:** www.bachmann.co.uk ● **Era:** 3

The Express Dairies livery is instantly recognisable for its striking blue base colour. Bachmann's Graham Farish arm has released this triple pack of Southern Railway 12ton vent vans bearing the company colours which will make

a colourful addition to a 1940s era goods train.

The three vans use the highly regarded and detailed 'N' gauge model of the Southern vent van with even planks. Each comes with turned metal wheels, rapido coupling in NEM pockets

and a full complement of dummy screw link couplings for optional fitting to the bufferbeams.

Each has a unique running number making them ready to insert into a goods train straight from the box. (MW)

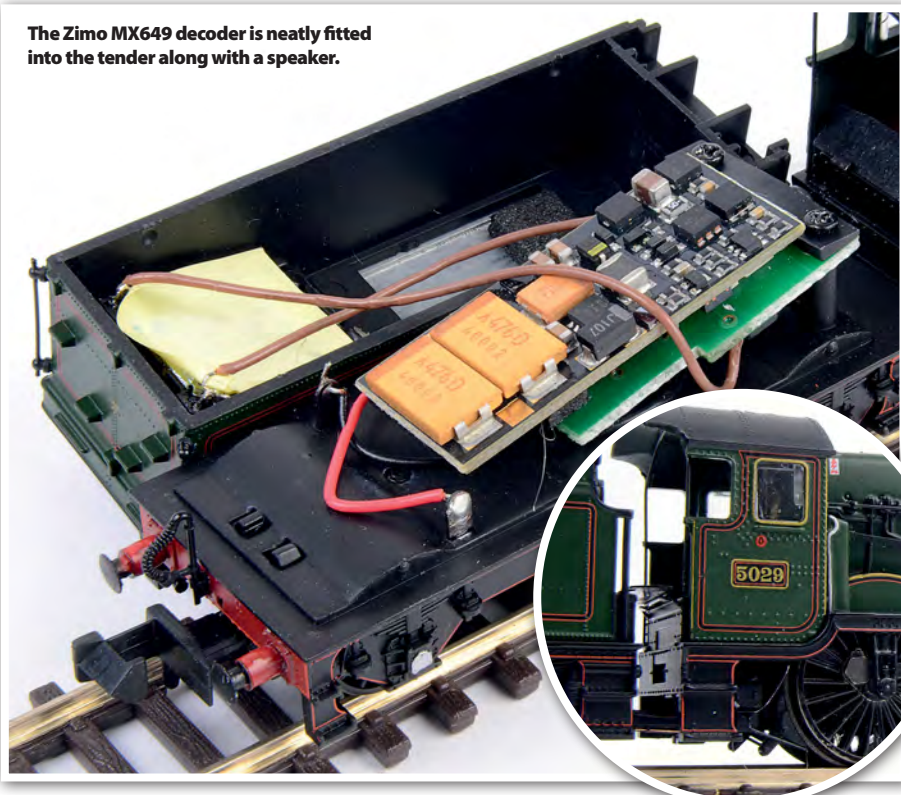


worth waiting for

5029 Nunney Castle is resplendent in its Great Western green livery - and it sounds brilliant too.



The Zimo MX649 decoder is neatly fitted into the tender along with a speaker.



catalogue of locomotive control options.

The 'Castle' comes with a selection of unique Zimo decoder control features which are available on aftermarket chips, but haven't been used in mainstream models on a regular basis previously. These consist of its braking feature and second sound set which combined with the quality sound recording offers a highly realistic driving experience.

The main sounds are operated by Function 1 (F1) while braking is handled by F2 as a trigger function. This has been developed to mimic

the operation of real vacuum brakes and does so superbly by 'dabbing' F2 on little by little to slow the train down. It makes shunting and coupling up more akin to the real thing too. Only one whistle sound is included within the first 10 functions, which is odd, but there are very useful features in the first 10 too include F5 which controls the second sound set to soften the exhaust which replicates the effect of the reverser being moved by the driver for cruising once the locomotive is up to speed.

There are many more functions – 28 in

total. The long whistles on F21 and F22 are particularly effective for a fast moving train, while you also have the usual user controlled sounds such as flange squeal, coal shovelling, injector, blower, coupling and more.

There are lots of subtle details which make this sound model stand out including the fading of the exhaust sound into the coasting 'clank' which mirrors how the real locomotive would sound more accurately. It is as enthralling to drive as it is watch and we hope this model is just the beginning for factory sound in 'N'. (MW)

Departmental 'Toad'

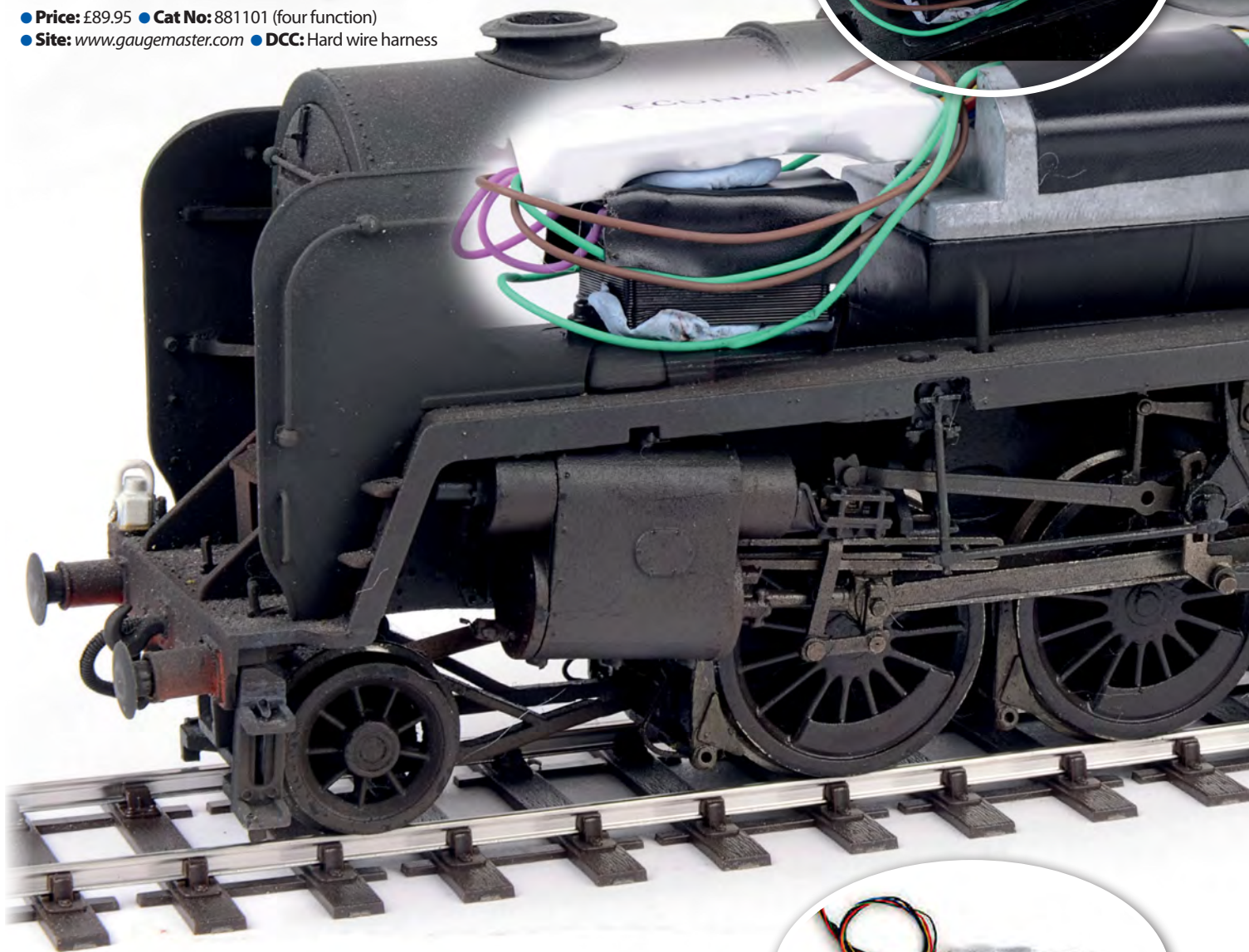
The humble Great Western Railway 'Toad' brake van has been a staple of model railways for decades and the Graham Farish 'N' gauge model has been released in one of the fleet's more unusual liveries – departmental yellow as ZXO DW68983. Picture references are few and far between for this particular vehicle, although Bachmann notes that it was used in the West Yorkshire area in the 1980s. The model itself is the standard issue 'Toad' featuring turned metal wheels, NEM coupling pockets with standard 'N' gauge couplings and a neatly detailed body. The bright yellow livery of the wagon is immaculately presented and detailed with black painted moulded handrails, a grey roof and black underframe. Unusual, attractive and available now. (MW)



- Price: £18.95
- Cat No: 377-379
- Site: www.bachmann.co.uk
- Era: 7/8

Soundtraxx steam decoder

● Price: £89.95 ● Cat No: 881101 (four function)
● Site: www.gaugemaster.com ● DCC: Hard wire harness



THE Soundtraxx series of Econami sound decoders includes this modestly priced (for its abilities) steam sound decoder which contains six different locomotive sound sets, whistles and a host of programming potential way beyond what most will want to use.

Like the Econami diesel decoder (HM118), the steam decoder uses recordings from real British locomotives which have been drawn together to recreate a usable repertoire. They include the GWR 'Prairie' 2-6-2T, LMS Stanier '8F' 2-8-0, BR '4MT' and '5MT' 4-6-0 and LNER 'A4' 4-6-2 amongst others.

The decoder is available in four and six function formats and, in each case, the steam version is supplied as a wire harness decoder which will require hardwiring into a locomotive using a soldering iron. An 8-pin plug version would have been useful too, but for those looking to equip Bachmann locomotives there is a 21-pin version available.

Our sample was of the wire harness type we installed into a Bachmann '9F' 2-10-0 with

an 8-pin decoder socket. Installation took around 25 minutes as it required removal of the original socket, disconnection of the motor and track pick ups, connection to the correct wires on the decoder and then sourcing and connection of a suitable speaker. The speaker chosen for our tests was a Zimo 15mm x 11mm cube type. The Econami also offers the option to add a 'stay alive' capacitor as it has onboard circuits to manage this power when required.

This is a clever decoder and we have been wholly impressed by its capabilities. With the multiple sound files the overall sound output isn't as good as bespoke, top end decoders, but equally in all cases it makes a solid representation of the prototype and with the all important option to introduce coasting sounds through Function buttons 5 and 6.

To make the most of this decoder, the manual is well worth reading through – or at least selecting highlights from its 90 pages – as there is so much that it can do. It can programme the exhaust beat to match wheel revolutions, reflect different fuel



types between coal, oil and wood, articulated locomotives (not applicable here unless you are looking towards at Hatton's Beyer-Garratt), two and three cylinder exhaust beats, whistle selections, programming of individual sound effects, adjust the number of carriage door closing sounds that are played with the relevant function button and much more. It even has a quiet mode timeout feature which can be set to start following a period of inactivity.

At a shade under £90, this decoder represents good value for money – not least because it has six separate sound sets – and especially for its outstanding array of programming options. A good value production and an excellent mid-level entry to digital sound. (MW)

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COMPACT 'Clayton'

The distinctive shape of the 'OO' gauge Heljan Class 17 sets it apart from any other diesel on a layout. **PAUL CHETTER** describes the installation of DCC sound and 'stay alive' capability to bring the model to life and run more reliably than the real thing.



Heljan's Class 17 has been a popular model since it first arrived on the scene in 2009 (HM24). D8600 shunts the yard at Shortley Bridge as a Thompson 'L1' 2-6-4T arrives with a passenger working.

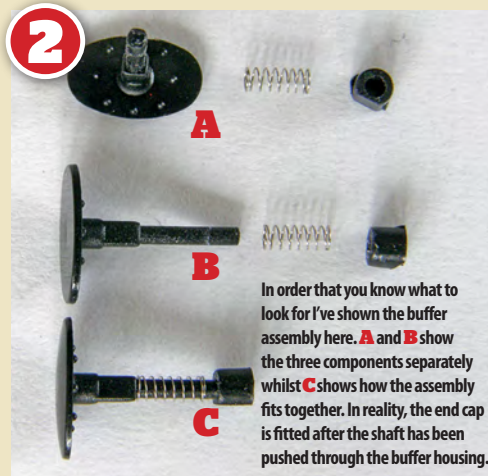
STEP BY STEP INSTALLING DCC SOUND AND 'STAY ALIVE' IN A HELJAN '17'



1

The first section of this guide is common to both installation variations. The buffer shafts will prevent the body from being removed from the chassis so will need to be removed. Release the end cap (red arrow) from each buffer shaft (yellow arrow).

2



In order that you know what to look for I've shown the buffer assembly here. **A** and **B** show the three components separately whilst **C** shows how the assembly fits together. In reality, the end cap is fitted after the shaft has been pushed through the buffer housing.

3



After removing the buffer shaft end caps, the buffer can be pulled from the buffer housing. Note the tiny spring. Repeat for all buffers and put the parts aside for safety. I removed these with the model inside a large plastic bag to retain any flying parts.



DESIGNED at a time when fitting an 8-pin socket was enough to qualify a model as 'DCC ready' there was certainly no consideration of dedicated provision for Digital Command Control (DCC) sound in the 'OO' gauge Heljan Class 17 'Clayton' diesel. This is a pity as conversion could have been made very simple with planning from the outset of the model's design.

Unfortunately, some idiosyncratic design features make opening the locomotive far more difficult than necessary which has potentially put some owners off sound installation. I'll highlight the problems and show you how these can be overcome with a little care and some dexterity. The model requires no modification and apart from soldering some wires, no special skills are required.

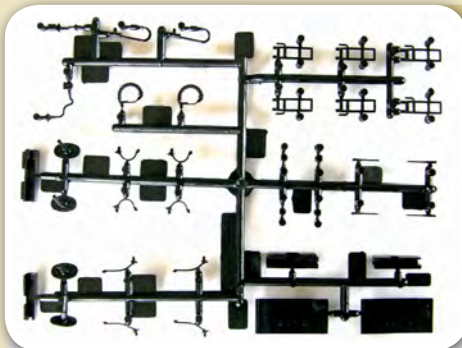
I think this is a largely straightforward and wholly worthwhile project as the twin Paxman engines produce a sound like no other, giving variety amongst other locomotive sounds. I have created a sound project for Zimo decoders from recordings of the sole surviving Class 17 preserved on the charming Chinnor and Princes Risborough Railway.

GAINING ACCESS

The body separates from the chassis in sections. The centrally located cab can be lifted vertically to remove it. The moulding is held by tabs only so there are no screws to remove. I found it easier to carefully insert a thin blade at the base of the cab, gently prising outwards and upwards to release the tabs on one side then the other of the model. Note the inset doors and the tablet catcher panel cut-out - these may interfere with the decoder installation so it's important to plan the installation correctly to avoid this.

To gain access to the 8-pin DCC socket and the space available for speaker accommodation, it is necessary to remove the rest of the body. As there are no fixing screws this should be a simple task but the shanks of the buffers extend behind the buffer beam sufficiently to prevent the body from being removed. Each buffer consists of three parts: the buffer and shaft moulding, a tiny spring and a small cap which serves to retain the assembly within the buffer housing. »

STEP BY STEP INSTALLING DCC SOUND AND 'STAY ALIVE' IN A HELJAN '17'



4 If you should mislay any of the buffers or end caps they can be obtained as part of a sprue of parts. Visit www.howesmodels.com for the full range of Heljan spares.

TIP

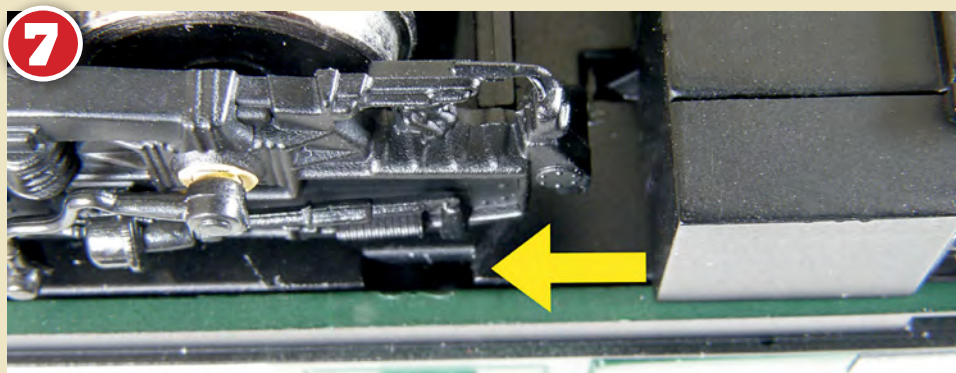
● Ensure any metal surface is fully insulated with a suitable medium for reassembling the model. This can be as simple as using Kapton or electrical insulating tape to protect wiring from coming into contact with bare metal surfaces. Simple, but effective.



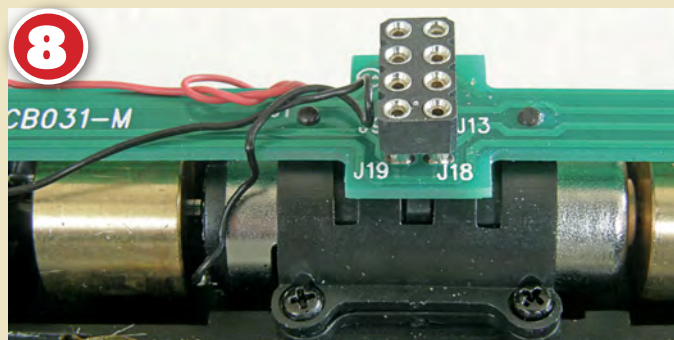
5 To remove the cab moulding, insert a flat blade into the joint with the solebar and ease the cab sides outwards and upwards.



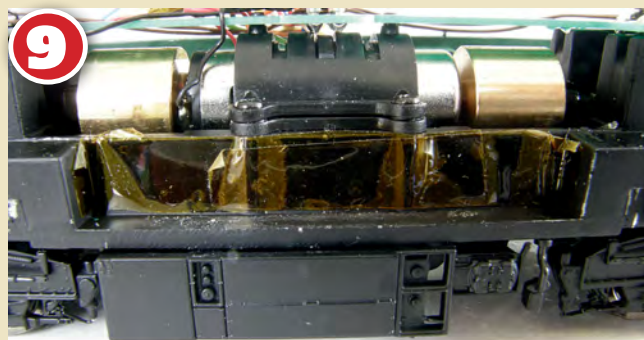
The cab is fixed in place by clips at the centre front and back of the cab below the exhaust. Corresponding slots are located in the engine room roof panels.



With the cab removed, the rest of the body can be released from the chassis. Four fixing tabs are used to secure the body in place. Slots in the chassis casting (arrowed) identify their location. Using a small flat bladed screwdriver in these slots to prise the body sides apart slightly will facilitate the separation.



With the body removed, the central motor and 8-pin connector can be seen clearly. Here the blanking plug has been removed.



The MX645R will be installed in this space at the lower side of the cab. I insulated the chassis in places where solder pads or components may make contact in use.

The buffers must be removed before attempting to release the body from the chassis. Please note that these are very small parts, easily launched onto the floor during disassembly and very difficult to see when searching.

I removed the end caps from each buffer shaft with the whole model inside a large plastic bag so that any flying parts would be retained. It's not the most convenient

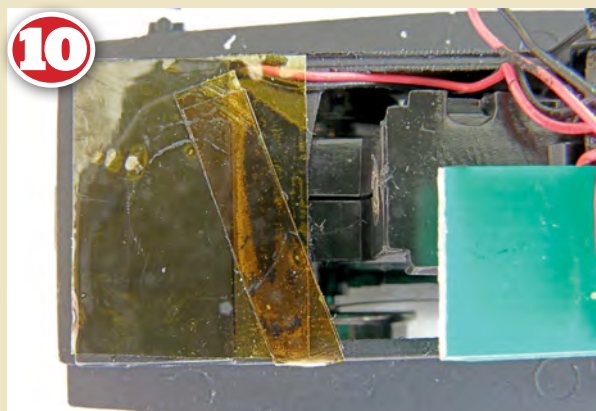
way of working, perhaps, but a lot better than risking lost parts. There is a sprue of parts available which includes four buffer and four end cap mouldings, but not the springs, through Heljan UK via the Howes Models website at www.howesmodels.co.uk.

With the buffers removed and the parts stored safely away, removal of the body is effected by releasing the four tabs and sliding the body upwards. Conveniently,

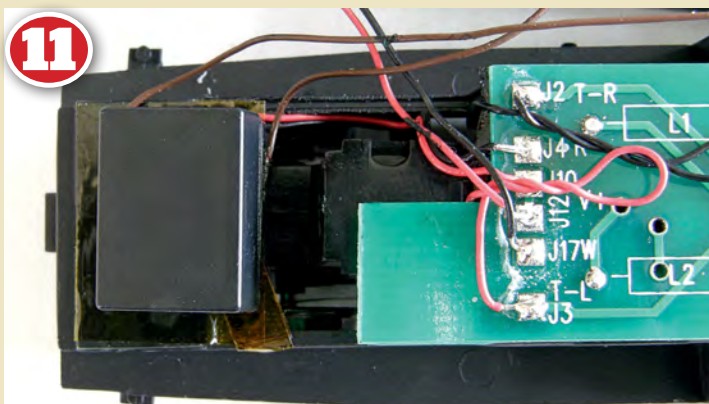
Heljan has provided small cut-outs in the chassis at the location of these tabs which makes identification easier. Use a flat blade to gently spread the body sides, releasing the tabs allowing the body to be removed.

FREE SPACES

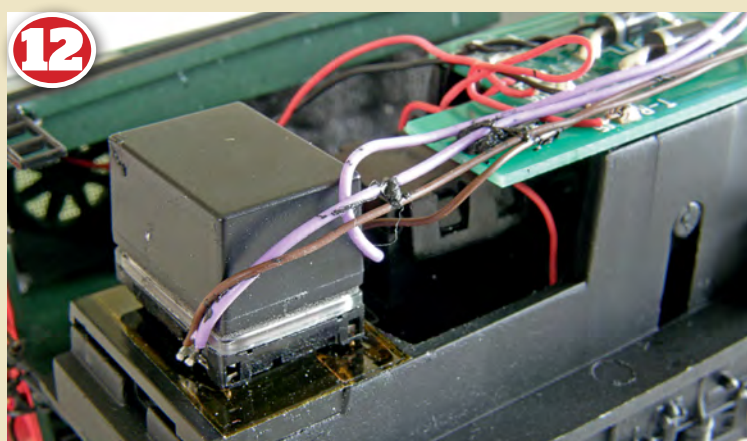
The Zimo MX645R sound decoder will fit in the general area briefly described in the model's instruction leaflet at the lower cab



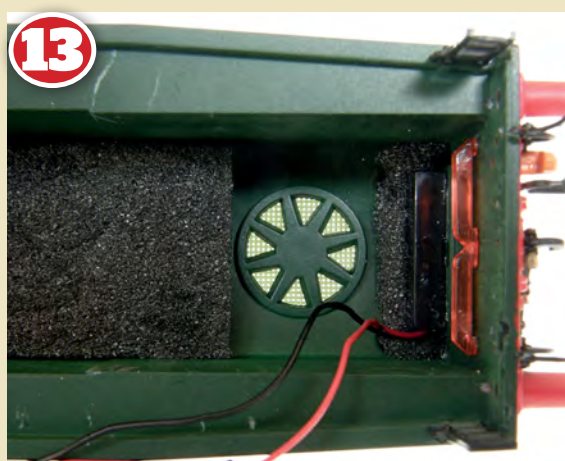
10 I also use Kapton tape to insulate the chassis where the speaker terminals would come into contact with the chassis at each end.



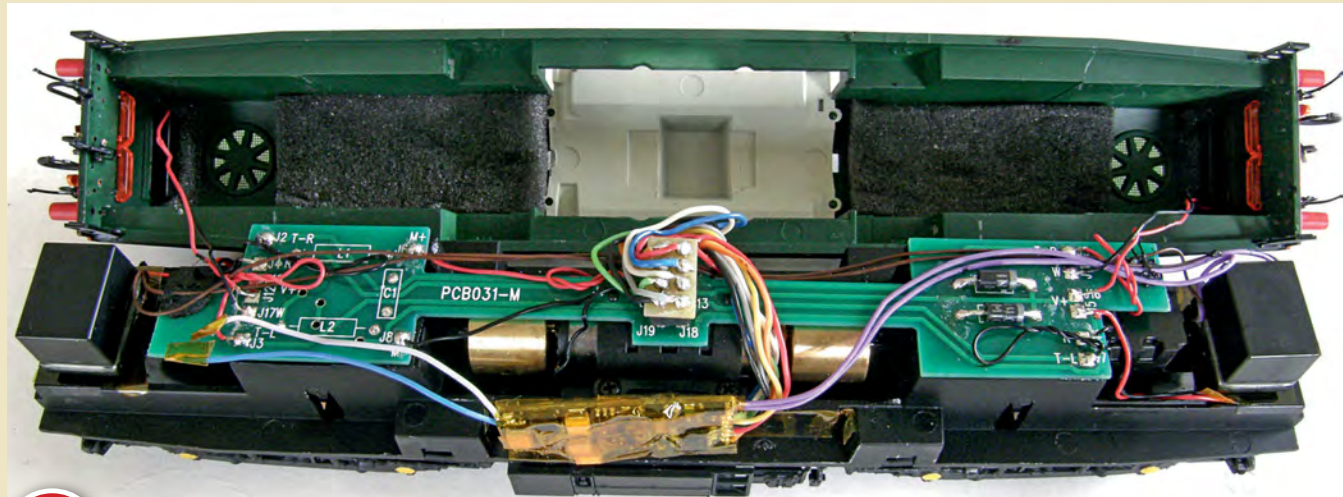
11 In the first variation I installed a Zimo cube speaker at each end fixed in place with black mastic. Blu Tack would work too – each providing a semi-permanent adhesive.



12 The purple speaker wires from the decoder were soldered to the connections on one speaker. Additional (brown) wires were also attached to link the other speaker in parallel and in phase. I routed these wires above the locomotive PCB to avoid contact with the flywheels, cardan shafts and bogie towers.



13 I cut off a portion of the foam inside each engine room to expose the radiator fan grille and create clearance for each speaker.



14 This photograph shows the general deployment of the decoder and speakers ready for the model to be reassembled. Note the orientation of the decoder in the socket – the orange wire connection marks Pin 1 on the 8-pin plug from the decoder to allow correct alignment with the 8-pin socket.

side, avoiding the door inset. The decoder comes with a thick insulating heatshrink sleeve. I removed this since it interferes with the correct fitment of the cab moulding. I re-insulated the decoder with Kapton tape, which is effective but very thin, thus allowing the cab to fit as it should. On the more recent versions of the MX645R this sleeve is thinner than in the past, so if using a recent decoder (the sleeve is transparent rather than

translucent) this step may not be necessary.

The body has an identical small free space at each end of the body. These are not large enough for typical paper cone speakers, but the Zimo 12mm x 15mm x 11mm cube speaker is a comfortable fit. I removed part of the foam lining to the engine room roof to reveal the perforated representation of the radiator fan grille. In one version, I fitted a cube speaker at each end, electrically joined

in parallel to give 40ohms' impedance.

For a second option I created a high capacitance 'stay alive' pack by joining six 2.7v 1 farad supercapacitors together in series to achieve just over 16v dielectric strength. The MX645R has on-board circuitry to manage external capacitors, including a 16v regulated power supply. These particular supercapacitors are small enough that the pack of six is only marginally longer than »

STEP BY STEP INSTALLING DCC SOUND AND 'STAY ALIVE' IN A HELJAN '17'



15 As an alternative to the twin speaker installation, I created a 166,666 μF capacitor pack by connecting six 2.7 volt 1F supercapacitors in series. This raises the voltage to 16.2v, perfect for the dedicated 16v regulated supply from the MX645 decoder.



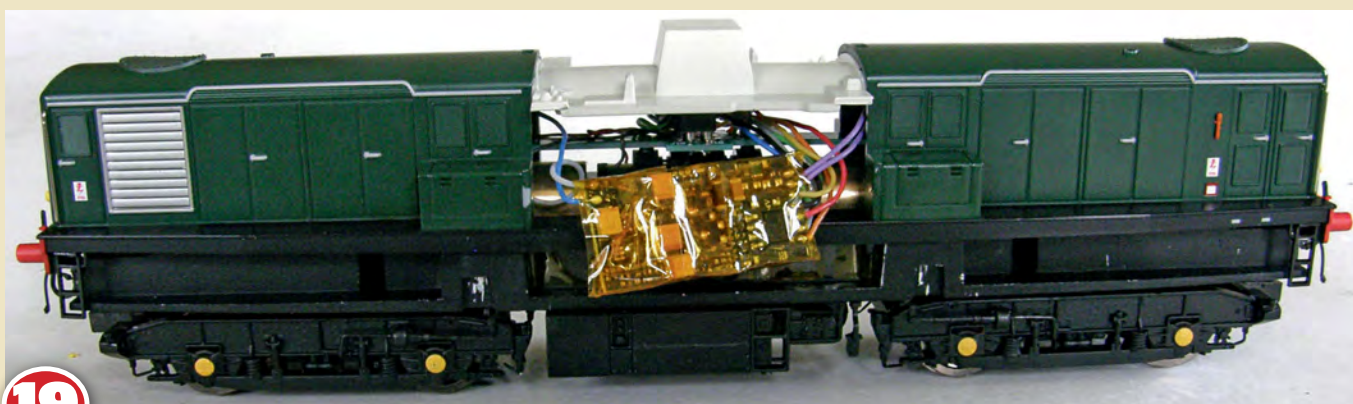
16 The pack is very potent, providing several seconds of running with sound, though compact enough to fit in a nose of the Clayton if one of the two speakers is removed. Here's a comparison shot with a cube speaker.



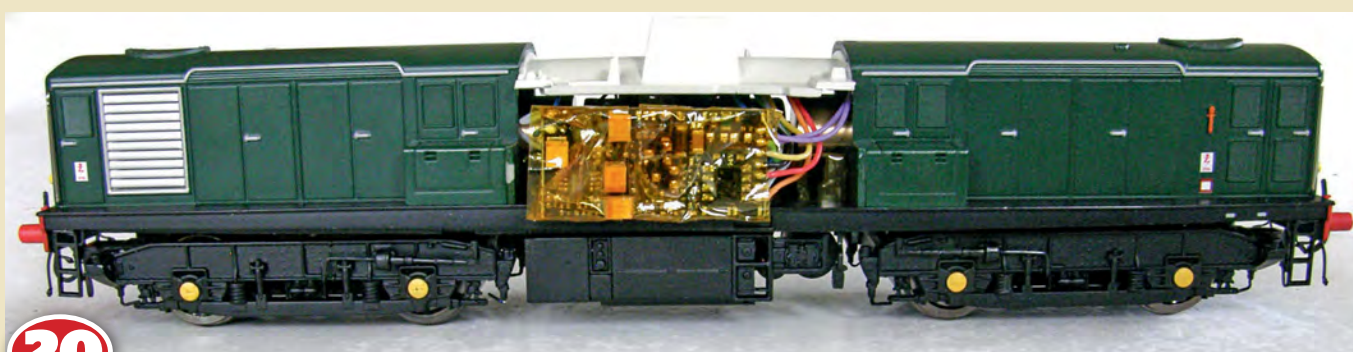
17 The pack fits snugly in the space available, but to ensure it doesn't move around I used a little mastic to hold it in position.



18 When the body is lowered into position, the very strong magnet in the speaker attracts the three link coupling (arrowed) which prevents the body from sliding into its correct position, so take precautions to avoid this.



19 As the body is being lowered into place, feed the decoder up past the soleplate and out through the side of the model.



20 Push the body fully home, checking that no wires have been trapped, until all four fixing tabs have positively clicked into place.

the speaker, and a little lower. In my second version, therefore, I fitted a cube speaker in the nose at one end whilst at the other I installed my homemade 'stay alive' pack, connected to the dedicated wires from the decoder.

The subjective difference in sound volume between single or paired speakers did not seem very large to my ears but the increased smoothness and reliability of running with the 'stay alive' pack fitted is a very real benefit if the track is dirty, uneven or has any dead

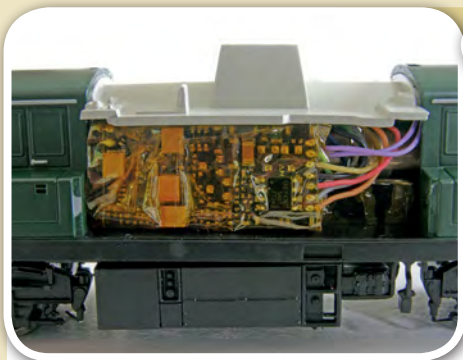
sections. As a consequence of the central motor position and the raised section required to clear the 8-pin socket the cab interior moulding contains little in the way of realistic detailing, so I elected to not fit a cab light as I felt this would highlight this deficiency.

PUSH, CLICK, COMPLETE

With the decoder loosely in place, your choice of components fitted and the connecting wires fixed out of harm's way,

refitting the body to the chassis is a simple push and click affair. The decoder's final position is above the solebar level, so it needs to be threaded through the cab space during the reassembly process and fitted in the appropriate space afterwards.

The cab moulding should be refitted ensuring that no wires are trapped or pinched. I found it easier to spread the lower sides a little with some gentle outwards pressure, though the fixing tabs are



21 The decoder can then be placed into the correct position, sandwiched between the cab interior moulding and the soleplate, offset to the left to avoid fouling the door inset.

TIP

The sound file for the Class 17 (Cat No. ZS17A) includes a number of useful features including simulated braking on Function 2, manual power notching, manual coasting, volume control through Functions 27 and 28 and more. See www.digitrains.co.uk for the full list.

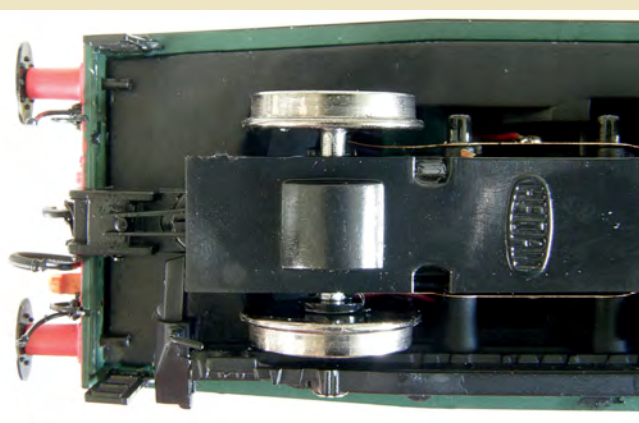
22 Lower the cab moulding into place and gently tease the decoder into the correct position to avoid the door inset. In this shot, the decoder needs to be moved further to the left.



23 When the decoder has been correctly positioned, push the cab moulding fully home ensuring the lower edges of the cab sides are flush with the solebar.



24 The final step is to refit the buffer assemblies. It is important to note that the shaft of each buffer has a square section to ensure correct orientation of the oval buffer head and each end cap has a single flat side which should be fitted adjacent to the chassis for proper clearance.



25 I found that access to fit the end caps was dramatically improved by temporarily removing the bogie side mouldings. Here one side is fitted and the other removed, illustrating the two push fit fixings on each side. This completes reassembly of the locomotive ready for it to return to service.

actually located centrally at the base of the exhausts. These engage with corresponding slots on top of each engine room.

The final task is to re-fit the buffers, which is very tricky and is when you are most likely to inadvertently flick small parts into oblivion so great care is required.

This model is transformed by the characterful sound project which was made possible with the help of Jamie Goodman of the Chinnor and Princes Risborough Railway. www.chinnor-railway.co.uk

WHAT WE USED

Product	Supplier	Price
Zimo MX645R sound decoder	www.digitrains.co.uk	£95.00
Zimo 11mm x 15mm x 11mm cube speaker	www.digitrains.co.uk	£9.00
6 x 2.7v 1farad supercapacitors	www.digitrains.co.uk	£6.00

THE SURVIVOR

● The sole surviving Class 17 D8568 is kept and maintained at the Chinnor and Princes Risborough Railway, but makes occasional forays to other preserved lines. Visit www.chinnor-railway.co.uk to find out more about the railway and D8568.

Moffat Mills

*A taste for the 'water of life' inspired **CHRIS PRIOR** to base his 'OO' gauge micro layout in a distillery setting. The result is a compact but enthralling exhibition layout.*

PHOTOGRAPHY, TREVOR JONES



A Class 156 on an Edinburgh to Airdrie train passes the Associated British Maltsters Class 08 shunting a Grainflow wagon into the grain unloading siding.



WHISKY GALORE! I admit part of the inspiration for Moffat Mills is my liking of single malt Scotch whisky. However, this micro layout has more of a story to it. Despite being based in Kent I have always been interested in the Scottish Region and collected a number of books and magazines over the years as well as spending a number of holidays and weekends away in Scotland. One picture in *Modern Railways* of a Class 08 privately owned by Associated British Maltsters hauling some new Grainflow wagons across a viaduct stands out as another inspiration. Also

some unusual whisky tank containers, pictures of the rail served distillery at Kennethmont, near Inch on the Aberdeen to Inverness line and the distillery at Cambus all made me think that it would be nice to build a small distillery layout.

At the time I was thinking this, Bachmann released its Class 08 0-6-0 diesel shunter. I found this model met my expectations for a shunting layout through being able to run very slowly. One was acquired and duly dispatched to the workshops of a friend for lining out in ABM livery. It was then full steam ahead to build the layout.

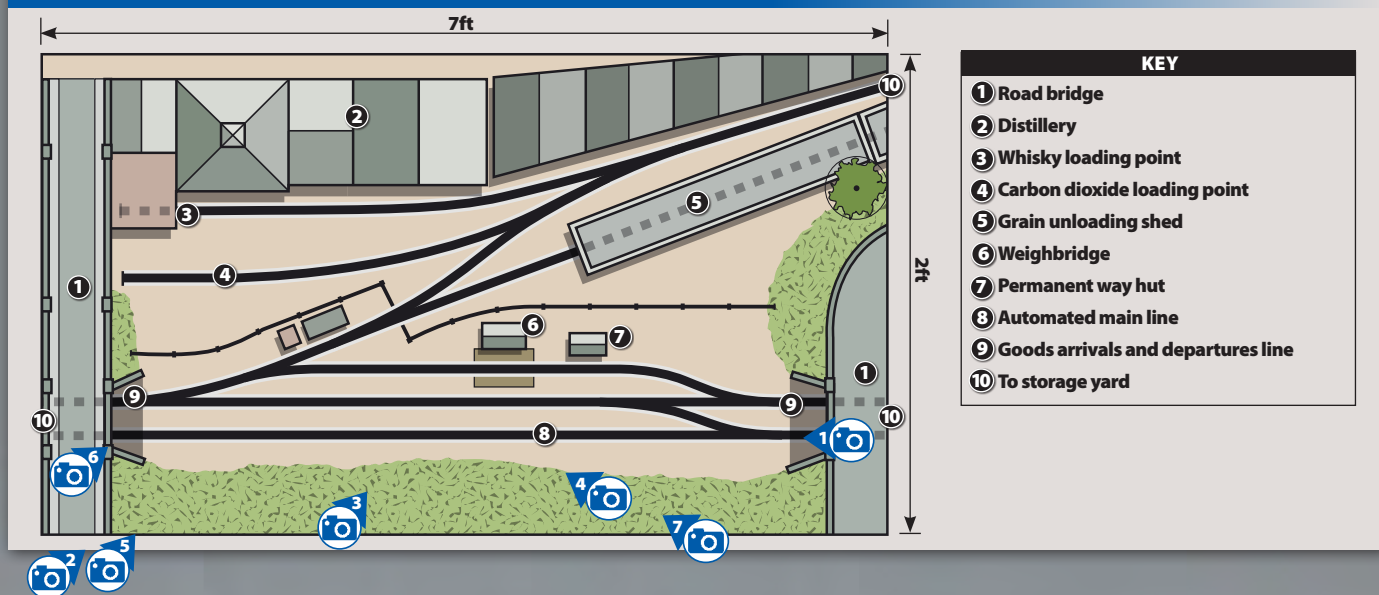
A bit of research on the internet and discussions with friends had revealed

the ABM Class 08 worked from the exchange sidings at Moffat Mills on the main line from Airdrie to Bathgate to the east of Glasgow. The branch served the Inverhouse distillery. The sidings were served by a local trip working from Mossend Yard, near Motherwell.

To model this I decided that an exchange siding combined with a fictional distillery would be excellent for a small layout. I would also be able to capture some distinctive distillery buildings. It just so happened to be a good name for a layout – Moffat Mills. I opted for a micro layout as I already had a single 3ft 6in x 2ft board in the garage which had been built by my father Dennis. This is >>



MOFFAT MILLS TRACK DIAGRAM (Not to scale)



a simple plywood top with a hardwood frame - the storage yards which were built later follow the same principle.

One of the advantages of a small layout is that it will fit in a small car for transport to exhibitions. It is also possible to put the layout up in the spare room to operate or work on. Finally, a small layout can be built quickly. In the case of Moffat Mills, it took about six months from initial planning to completion.

THE TRACKPLAN

With any small layout the challenge is how to get all your ideas on the board without it looking too cluttered whilst making the layout interesting to watch and operate too.

I decided that the features of a distillery I wanted to incorporate in the design were whisky loading, carbon dioxide loading (CO₂ is a by-product of distillation and is captured and was shipped by

rail for use in fizzy drinks) and a grain discharge facility. Ideally the sidings needed to accommodate two or three wagons. Another criteria I applied was that the shunting locomotive would not be off scene that often and there would be a train frequently moving on the main line to keep spectators interested.

After setting the criteria I set to work on design. Small layouts are a challenge. You have to think about track and point geometry with the wagons you plan to use. I decided to use Peco code 75 points for the layout. I printed the templates and then laid them out on the board to determine where the points should be located. I also aimed to keep track curvature to a radius of no less than 24in. I used a locomotive

and some wagons on the proposed track layout to maximise the siding lengths. Today you can use computer software to test the design and operation of the layout. You can then print the full size track layout and place it on the board.

I decided the whisky loading would be next to the main distillery building (both immature spirit and barrelled spirit) with CO₂ loading slightly further away. The grain discharge building would have

been a new feature when modern high capacity wagons were introduced which would have been located away from the distillery, linked by an overhead conveyor. As a consequence of this grain unloading, the siding was the opposite way round to the other two. For this to be shunted I would need to »

“Part of the inspiration is my liking for single malt Scotch whisky.”

CHRIS PRIOR



A Class 116 on an Airdrie to Edinburgh via Bathgate train passes Moffat Mills distillery. A Class 27 on a local freight trip shunts the exchange sidings.



have a run-round loop on the layout. To accommodate this meant that the main line could only be a single track. There would also have to be connection between the main line and the sidings.

To give headroom for shunting at either end and for wagon storage off scene, I planned to use three separate storage yards. The hidden yards at each end of the layout are 2ft x 1ft with a smaller 18in x 9in board to act as a headshunt in the distillery. After a little tweaking I produced the final track layout.

CONSTRUCTION

I had already decided to use Peco code 75 points and SMP bullhead track in the yard. On the main line I used Peco code 100 track on concrete sleepers. I also used Exactoscale plastic fishplates between the track joints to make the joints more realistic. Just before I started track laying, I found a model of a rail weighbridge in my local model shop. I thought that this would be a good feature to model. I decided that the best place for this would be on the run-round loop.



Above: A BR owned Class 08 shunts two HEA wagons whilst the Associated British Maltsters Class 08 shunts a tank container conveying spirit to be barrelled and matured.

Left: A Railfreight liveried Class 26 shunts two HEA wagons with coal for the distillery boilers.

Right: A Class 20 propels a Grainflow wagon off the weighbridge ready to depart Moffat Mills with a trip working to Mossend Yard near Motherwell. A Class 131 parcels DMU heads toward Edinburgh on the main line.

With track laying completed, I wired the layout. Moffat Mills is standard analogue control with two zones - the yard and main line. To allow the operator of the layout to concentrate on shunting the yard, I bought an automatic shuttle unit for the single track main line. This enables a Diesel Multiple Unit to shuttle backwards and forwards at predetermined intervals without intervention. This achieved my objective of having a train moving at all times.

SCENERY

Whilst I had been designing the layout, I had determined the location and footprint of all the buildings as well as the typical railway features I wanted to model.

To hide the entrances to the hidden yards I decided to use bridges from the Wills range over the main line/shunt leads. I also added Ratio security fencing (essential for a bonded area), huts for the permanent way team, the weighbridge building and yard lights. I laid pipework from the distillery to the CO2 loading sidings. A colour light distant signal was sited on the main line to mark the approach to Airdrie station. The points from the main line into the yard are controlled by a dummy ground frame.

The buildings were made at the same time as I was laying the track. I used photographs of prototype buildings as the basis for their designs. The main distillery buildings were based on buildings at Kennethmont using Wills stone sheets and window frames. The traditional Scottish whisky distillery cupola is the signature part of this building. The black whisky warehouse was made from Wills corrugated iron whilst the grain discharge facility is made from Wills box girder sections.

The final touch was to add the embankments using chicken wire to save weight. They were then covered in plaster of Paris bandage and then covered in coarse scenic material.

ROLLING STOCK

A distillery was also an opportunity to build some unusual wagons which are not available from the main manufacturers. Distilleries were served by a remarkable number of wagon types and I decided to have as many of the wagons typically used as possible.

The Grainflow wagons brought in malted barley from East Anglia. These were modified shorter Jouef 'HO' wagon bodies. I cut up two wagons to create a single longer wagon. I also built examples of the different types of wagons used - Grainflow and Distillers wagons - with blue and white stripes. The Distillers wagons were re-bogied using Appleby Model Engineering (AME) bogies. I repainted the wagons and used Fox transfers to finish off. Although the bodies are 'HO' scale, they look the part in my view.

The white and orange CO2 tanks are also kits from AME. There is always one in the

yard for loading the gas. The red whisky tank wagons are based on Dapol oil tank barrels mounted on a plasticard base. I also found some 'OO' scale tank containers

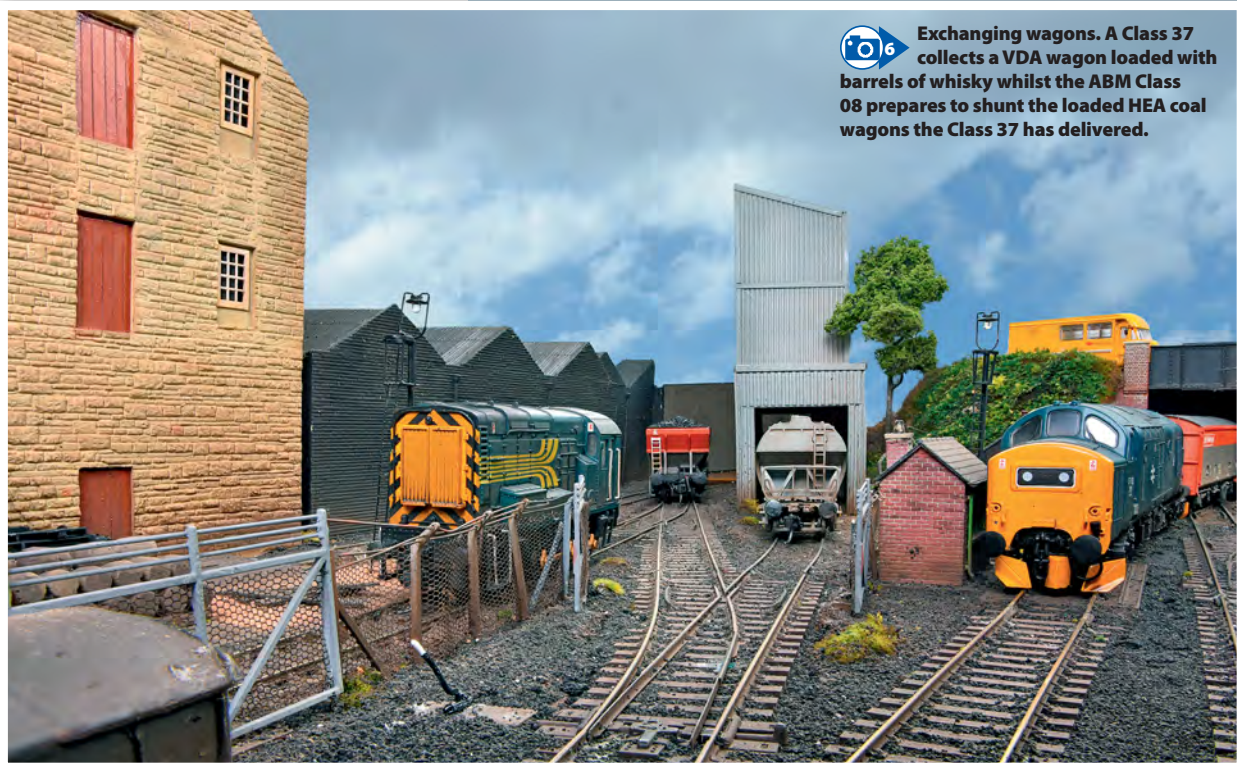
"It will fit in a small car for transport to exhibitions."

CHRIS PRIOR

which I modified using photographs from a book for guidance, and painted them red oxide. The tank containers are mounted on BR long wheelbase container flats which are either AME kits or modified Hornby wagon chassis.

Finally I used proprietary Bachmann VAA/VDA vans for transport of barrelled whisky. I also bought some Bachmann HEA coal wagons to deliver the coal for the distillery boilers and >>





Exchanging wagons. A Class 37 collects a VDA wagon loaded with barrels of whisky whilst the ABM Class 08 prepares to shunt the loaded HEA coal wagons the Class 37 has delivered.

there are some Hornby PCA cement wagons to shuttle up and down the main line on local trip workings.

LOCOMOTIVES

To shunt the yard, I have the Bachmann Class 08 in ABM livery and a Hornby Class 08 which is used as a standby locomotive. This is still owned by BR and has an Eastfield West Highland terrier on the battery box.

For the trip workings from Mossend Yard to Moffat Mills, I use a Heljan Class 26 in Railfreight grey livery and a Heljan Class 27 in blue. I also have a pair of Bachmann Class 20s and pair of Class 37s. It does add some variety on these workings. The mainline locomotives also shunt the yard as required.

The Diesel Multiple Units (DMUs) used on the main line shuttle from Airdrie to Edinburgh via Bathgate represent those used in Scotland in the 1980s. In the fleet there is a single car Class 131 parcels DMU with its distinctive windows blanked out in white paint. This was converted from a Hornby Class 121. Additionally, there is a blue Class 116 converted from a Lima Class 117 with accurate Driving Motor Second and Trailer, a Lima Class 101 in blue and grey, a Bachmann Class 107 and a Lima Class 156, the latter two in Strathclyde Passenger Transport Executive livery.

OPERATION

With a single board and three storage yards, the layout is very straightforward to put up. It takes approximately 15 minutes to put up and take down.

The operation of the layout is not to a sequence. I tend to shunt each of the sidings in turn with the loaded wagons hauled out of the CO2 and whisky loading sidings and replaced with empty ones.



These are then filled when the distillery is working, being used to store product until the wagons are full. Loaded wagons are then weighed and pushed clear to await the local trip working to arrive.

Loaded grain wagons arrive and are weighed before being placed for discharge. These new high capacity wagons are discharged immediately so they can return south to East Anglia for reloading.

All wagons and locomotives are fitted with Kadee couplers. I prefer to use Kadees as they are easier to couple and uncouple. There are no magnets installed on the layout so uncoupling

is undertaken using a skewer.

Shunting of all the sidings can take up to an hour. Having operated the layout all day at exhibitions, I can honestly say that I haven't got tired of it. I am always finding different shunting permutations.

The layout is based in Canterbury and has been shown at Ashford, Tonbridge, Broadstairs and Canterbury exhibitions. It is available for shows in the South East and Midlands.

I really enjoyed building Moffat Mills. With a small layout it doesn't take that much time or effort to design and build a layout you can enjoy operating at home

and at an exhibition. The main lesson I learnt is that it is best to get the track plan right at the start before you commit to track laying. It also guides the footprint of the buildings. It helps to have some photographs of your favourite locations to inspire you - Moffat Mills is a pastiche of a number of places and features.

As for next layouts, well, when I am not building small US outline layouts, I have two British layouts in progress - one based on Basen Bridge in Somerset - and another on Chilmark in Wiltshire - they were both inspired by photographs and are micro layouts too. [Telran](#)

 **The Associated British Maltsters Class 08 shunts a Grainflow wagon as a Strathclyde Class 107 passes by on a Glasgow bound train. A pair of whisky tank wagons await loading with spirit from the distillery.**



DISCOUNT 'O' GAUGE

TOWER BRASS LOCOMOTIVES

R.T.R in unpainted brass/factory painted	
GWR/BR King	£900.00
GWR/BR Railcar 19-33	£550.00
GWR/BR Parcels Railcar No 34	£550.00
GWR 1361 Early black chassis	£525.00
GWR/BR 1361 Late black chassis	£525.00
LYLMS/BR Pug black	£450.00
LNER/BR J39 0-6-0 black	£925.00
GWR/BR 8750 Pannier black chassis	£525.00

TOWER BRASS COACHES

Fully assembled in unpainted brass	
GWR/BR Collett D127 brake 3rd	£235.00
FULLY FINISHED R-T R LOCOS	
L&Y/MS/BR Pug 0-4-0T	from £525.00
GWR/BR 1361 0-6-0ST	from £695.00
GWR/BR 8750 Pannier tank	from £895.00
GWR/BR King 4-6-0	from £1260.00
GWR/BR Razor Edge railcar	£835.00
GWR/BR Parcels railcar	£810.00
LNER/BR J39 0-6-0	£1075.00
LMS/BR Original Patriot	£1650.00
B.R. V2 2-6-2	£1640.00

GLADIATOR LOCO KITS

GTR18 LMS/BR de-streamlined Duchess	£395.00
GTR19 LMS/BR non-streamlined Duchess	£395.00
GTR20 LMS/BR Princess	£395.00
GTR21 LMS/BR Rebuilt Royal Scot	£345.00
GTR24 LMS/BR Original Patriot	£345.00
GTR25 LMS/BR Rebuilt Patriot	£345.00
GTR28 LMS/BR 2P 4-4-0	£315.00
GTR31 LMS/BR Lemon 0-4-4T	£235.00
GTR44 LMS/BR Crane Tank	£225.00
GTR50 LNER/BR Beyer Garratt 2-8-8-2	£595.00
GTR53 LMS/BR 8F 2-8-0 & hatched tender	£345.00

JAVELIN LOCOMOTIVE KITS

JKX3 GWR/BR Dukedog 4-4-0	£325.00
JKX5 SECR/BR D Class 4-4-0	£305.00
JKX6 G.W.R. Dean Goods 0-6-0	£295.00
JKX7 SECR/BR C Class 0-6-0	£295.00
JKX11 LMS/BR Long Fire Box Black Five	£345.00

MERCIAN LOCO KITS

S65 LNER/BR J94 Austereity 0-6-0ST	£180.00
GWZ GWR/BR 4-0 Autolink	£175.00
ML11 M.R. Spinner 4-2-2	£295.00

TOWER COLLECTION (D.J.H.) BEGINNERS KITS

Includes wheels, gears and motor	
TC1 Class 02 0-4-0 Diesel Shunter	£240.00
TC3 Andrew Barclay 0-4-0 Steam Shunter	£240.00

TOWER COLLECTION LOCO KITS

Require wheels, gears and motor	
TC2 LMS streamlined Coronation	£525.00
TC4 LMS/BR non-streamlined Duchess	£525.00
TC5 LMS/BR de-streamlined Duchess	£525.00
TC6 LMS/BR Sir William Stainer	£525.00
TC7 LMS/BR Black Five 4-6-0	£525.00
TC14 LMS/BR Stainer 8F 2-8-0	£525.00
TC16 LMS/BR Duchess with sloping firebox	£525.00

D.J.H. LOCO KITS

K300 B.R. Standard 84xx 2-6-2T	£345.00
K301 B.R. Standard 2MT 2-6-0	£395.00
K302 LMS/B.R. Ivatt 2-6-2T	£345.00
K303 LMS/BR Fairburn 2-6-4 T	£345.00
K310A LNER/BR A3 with Corridor tender	£575.00
K317B BR Britannia with BR1/A tender	£575.00
K324B B.R. 9F 2-10-0 BR1B/BR1C	£575.00
K326 B.R. Class 03 complete kit	£395.00
K336 LNER/BR J Peppercorn A2	£335.00
K338 LNER/BR J 65 0-4-0T	£395.00
K340 B.R. Class 14 complete kit	£395.00
K344 NEW LNER/BR Hunt Class 4-4-0E475	£556.00
K345 NEW LNER/BR Thompson A2/1	£556.00

PECO LINESIDE KITS

LK704 Wooden lineside hut kit	£19.00
LK705 Brick lineside hut	£19.00
LK709 Ground Level Signal Box	£27.25
LK735 GWR Yard Crane	£20.50
LK741 GWR spear fencing	£10.50
LK742 GWR spear fencing ramps	£10.50
LK743 Field fencing and gates	£9.45
LK745 Telegraph Poles (4)	£6.00
LK749 Loading Gauges (2)	£11.85
LK750 Single track level crossing gates	£19.25
LK758 Platelayers tools	£6.10
LK759 Platform lamps (4)	£8.35
LK760 Telephone boxes (2)	£9.35
LK761 GWR Station seats (4)	£7.80
LK762 MR/NER station seats (4)	£7.80
LK763 SR/BR station seats	£7.80
LK764 Bicycles (8)	£7.90
LK790 GWR home or distant signal	£17.75

SLATERS BR WAGONS AND VANS

7062 B.R. 12ton Vanwide	£37.50
7063 B.R. Standard Van	£37.50
7064 B.R. 12ton Standard/Flat Van	£37.50
7065 B.R. Meat Van	£37.50
7066 B.R. Insulated Van	£37.50
7067 B.R. 13 ton flatbed 'A'	£33.75
7069 B.R. Lowfit Wagon	£33.25
7070 B.R. 12 ton Palvan	£37.50
7071 B.R. 13 ton High Goods Wagon	£33.25

PECO WAGON KITS

W601 GWR Tard brake can	£38.75
W602 GWR Permanent Way brake	£38.75
W603 GWR 6 wheel brake	£40.50
W604 GWR 4 plank open	£32.50
W605 GWR Steel Open	£32.50
W606 GWR 10 ton Van	£39.75
W607 BR 16 ton Mineral wagon	£40.50
W608 BR 27 ton Iron Ore wagon	£39.75
W609 BR 20 ton Pig Iron wagon	£39.75

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SLE786BH Curved R/H Point	£52.25
SLE787BH Curved L/H Point	£52.25
SL700BH 12 yards flexitrack	£76.95
SLE791BH Right Hand Point	£41.95
SLE792BH Left Hand Point	£41.95
SLE797BH Y Point	£41.95
SLE790BH Double Slip	£87.95
SL10 24 metal railjoiners	£2.65
SL11 12 insulated railjoiners	£2.65
SL740BH Buffer stop	£2.65
TP1 Long Track pins (15mm)	£3.25
ST700 Box (6) 393mm straight	£43.25
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NEW Setrack R/H Point	TBA
NEW Setrack L/H Point	TBA

HELMSMAN CONTROLLERS

CFS4 Sump Single Controller	£155.00
RM5 Remote handset for above	£40.00

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H2 L.M.S. yellow loco and coach	£20.00
H2A L.M.S. black style/Crewe loco	£20.00
H3 L.M.S. loco lining	£20.00
H3A L.M.S. coach lining	£20.00
H4 L.N.E.R. green loco and coach	£20.00
H4A L.N.E.R. black loco and Gill Sands	£20.00
H5 L.N.E.R. loco lining	£20.00
H6 L.M.S. goods wagon lettering	£18.50
H7 G.W.R. loco and coach lettering	£20.00
H8 G.W.R. loco and coach lining	£20.00
H9 S.R. Maunsell loco and coach lettering	£20.00
H10 S.R. Bulleid loco and coach lettering	£20.00
H11 G.W.R. goods wagon lettering	£18.50
H12 L.N.E.R. goods wagon lettering	£18.50
H13 S.R. goods wagon lettering	£18.50
H14 BR steam loco and coach lettering	£20.00
H15 BR blue diesel and coach lettering	£18.50
H16 LNW/R/W.C.S. loco coach & wgn	£21.00
H17 LTR/MR/SD/LY/MOR gds lettering	£20.00
H18 N.E.R. loco and coach lettering	£21.00
H20 CB/NB/GSWR/HV/GNSR wgn lettering	£20.00
H22 B.R. mixed traffic L.N.W.R. loco lining	£20.00
H24 MR/SD/JALTSR/MGN loco & coach	£21.00
H25 B.R. pre-TOPS wagon numbers etc.	£18.50
H26 B.R. pre-TOPS wgn instructions etc.	£18.50
H31 Pullman crests, names and numbers	£21.00
H32 Pullman lining	£18.50
H40 G.N.R. coach lettering	£21.00

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PS16 LNER Loco Coal wagon	£32.85
PS17 BR 12 ton Pipe wagon	£32.85
PS23 GWR/BR 13 ton open wagon	£32.85
PS24 GWR/BR 12 ton unfitted van	£32.85
PS25 BR 24.5 ton mineral wagon	£32.85
PS26 GWR/BR 12 ton fitted van	£32.85
PS27 GWR/BR 12 ton open with tarp bar	£32.85
PS28 GWR/BR 12 ton plywood van	£32.85
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THE GREAT CENTRAL MAIN LINE

*The Great Central main line was one of Britain's finest railways, yet it had a scandalously short life before becoming a casualty of the Beeching era. **EVAN GREEN-HUGHES** examines why this superbly-engineered express route is no longer with us.*



The Great Central crossed other routes, including the Midland Main Line, on its way south to London. On August 10 1963 BR '5MT' 4-6-0 73010 steams over the Midland Main Line as it departs Loughborough Central with a holiday express from Portsmouth-Nottingham Victoria formed of Southern Region Maunsell carriages. *Gordon Hepburn/Rail Archive Stephenson.*



THE PROPOSED High Speed 2 (HS2) route from London to the north is offering a high-speed line that will link the capital with the Midlands and beyond more efficiently

than previously and provide benefits to the economy. This offer comes only 50 years after the closure of a route that was set up, with eminent forethought, more than a century ago with very similar ideals to HS2 - but it was one where on that occasion the impetus for the new line came from the north, rather than from the nation's capital.

By the end of the 19th century the Great Central Railway (GCR) was a formidable company. It owned the spectacular and strategically important Woodhead route between Manchester and Sheffield, it had extensive interests serving the docks and industries around Grimsby and North Lincolnshire, served areas of Derbyshire and, most importantly, had access to much of the Yorkshire coalfield. The company's tentacles even extended as far as North Wales. Formed by a succession of amalgamations and driven forward by General Managers James Allport and Edward Watkin, the Great Central had become a very big player in the railway scene, but it was one which did not have its own access to the country's capital of London.

Passengers travelling by the Great Central were well provided for when making a journey from east to west but if the intention was to travel south then Nottingham was about as far as the company could take you. There were arrangements for through working of the company's coaches to the capital using the lines of other railways but, as might have been expected, these were not the most convenient.

A bigger problem was the movement of coal, for while the GCR had access to some of the best mines in the country, it wasn't able to supply the area of biggest demand without passing its traffic over to

another company for part of its journey. The same was true of commodities such as fish, which were landed in great quantities in the company's docks but which again could not be taken directly to the customer without relying on someone else.

By this time Sir Edward Watkin had been elevated to the position of chairman of the company. The son of a wealthy cotton merchant, he had worked his way through the ranks of business and had been knighted in 1868. He had a remarkable career having been involved in railway projects both at home and abroad in countries such as Canada, India, Greece and the Belgian Congo. By 1881 he was a director of nine UK railways including the Great Western Railway and he had also been heavily involved in a scheme to create the first Channel Tunnel which had been vetoed by the Government on security grounds, although not before quite a bit of digging had taken place. Sir Edward was not the kind of man to let difficulties stand in the way of what he thought were viable projects.

THE LONDON EXTENSION

He formed a vision for the GCR to have its own line to London and therefore save it having to hand over its most lucrative traffic to its rivals. In planning it he adopted some revolutionary ideas. No significant areas of population would be served south of the Midlands as the route was intended as an express line linking two parts of the country, rather than a facility serving towns and cities on the way. On the face of it, this seems a little odd but by this time most sizeable towns already had a rail connection so whatever the GCR provided would have duplicated other lines and, of course, the cost of land in the country was far more reasonable than it was in urban areas. The line was also to be built to a generous loading gauge, often quoted as 'continental' but in fact somewhat smaller than was the norm over the Channel, and it was to be provided with gentle curves >>

The GCR was famed for its 'windcutter' mineral trains in the British Railways era which were formed of BR 16ton mineral wagons. BR '9F' 2-10-0 92069 passes Ruddington with an Annesley-Woodford 'windcutter' on September 20 1963. Note the island platform arrangement of the station in the distance, a typical feature of the GCR. *Gordon Hepburn/Rail Archive Stephenson.*



and slight gradients so that average train speeds could be kept high and journey times reduced to the minimum possible.

Parliamentary approval for the new line was gained in March 1893. It was to be 92 miles long and would start at Annesley in Nottinghamshire and run to Quainton Road in Buckinghamshire where it would utilise the tracks of the Metropolitan Railway as far as Harrow where the GCR's own tracks recommenced to run into London Marylebone station. Heavy earthworks were involved in the project which included three new large stations at Nottingham, Leicester and Marylebone as well as many viaducts and tunnels. The ruling gradient was a maximum of 1-in-176 and there was only one level crossing on the whole route.

From the outset the GCR provided higher-end facilities for the business traveller as a way of attracting business and ran its trains at timings that were comparable with rivals. Passenger levels were disappointing at first but gradually grew to a point at which the line could support several return expresses each day. Many of the trains were worked through to destinations such as Manchester and Liverpool by crack express locomotives. Freight traffic proved to be very buoyant from the outset with coal becoming one of the staple traffics for the line as anticipated, as well as goods imported through Grimsby and Immingham.

However, relations with the Metropolitan Railway were strained and consequently by 1906 the GCR had arranged for a bypass line to be constructed. Known as the 'Alternative Route', the line was a joint effort with the Great Western Railway and ran from slightly north of the junction with the Metropolitan to Northolt Junction. This railway was made by upgrading and doubling an existing GWR line between High Wycombe and Princes Risborough and constructing other parts new. The result was that the GCR gained access to Marylebone without having to use any of the Metropolitan's tracks.



Captured from Weekday Cross signalbox 'K2' 2-6-0 61770 takes the Grantham line as 'B1' 4-6-0 61157 heads north with a Marylebone to Manchester express on May 31 1949. John P. Wilson/Rail Archive Stephenson.

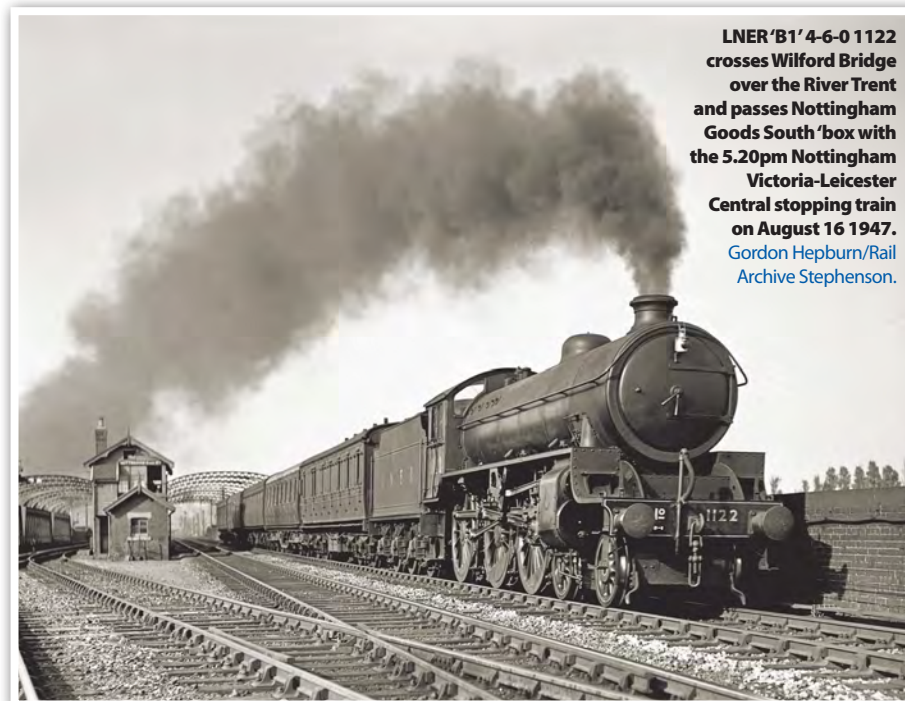
The line enjoyed prominence throughout the remaining years of the GCR's existence and the company even moved its headquarters from Manchester to Marylebone. At the grouping of 1923 the GCR was absorbed into the London and North Eastern Railway (LNER), but the route to London continued to thrive, particularly as a corridor for freight which reached epic proportions in the period between the two world wars. Of particular prominence were the fast fish and produce trains which ran each night to supply the London wholesale markets.

A SAD DECLINE

Unfortunately, the traditional traffic that had financed the line ever since it was built began to decline during the 1950s. Road haulage took away much of the perishable goods traffic while

successive clean air initiatives reduced the amount of coal required in the south.

In 1958 the line was transferred from the Eastern Region to the London Midland, at which point it was designated as a duplicate route. Two years later, express services from Manchester and Sheffield to London were discontinued and passengers were encouraged to use alternative services running either from Euston or St Pancras. Only three stopping services



LNER 'B1' 4-6-0 1122 crosses Wilford Bridge over the River Trent and passes Nottingham Goods South 'box' with the 5.20pm Nottingham Victoria-Leicester Central stopping train on August 16 1947. Gordon Hepburn/Rail Archive Stephenson.



per day were retained and many of the intermediate stations were closed.

Against this background it was inevitable that Dr Beeching's axe would fall during the 1960s rationalisation of the country's railway network and consequently the Aylesbury to Rugby and Nottingham to Sheffield sections closed completely. The piece in the middle, from Rugby to Nottingham, survived a little longer but that, too, closed in 1969.

A MISSED CHANCE?

Closure attracted a great deal of criticism, not least because the generous loading gauge of the GCR would have been ideal for promoting freight use - but as with many other lines pleas for its retention fell on deaf ears. However that hasn't stopped proposals popping up from time to time to reinstate the route which would, if ever brought back into service, allow the easier transport of containers and other goods coming into the country from the Channel Tunnel. Today's Chiltern Railways services from Marylebone follow the former GCR route as far as Aylesbury and just beyond this the trackbed is utilised by trains serving the Calvert waste disposal site. North of Nottingham, part of the route is used by the new tram system while in South Yorkshire some small sections are still open for freight use.

The current heritage Great Central Railway began its operation in 1969 on part of the line based at Loughborough and now runs between that town and Leicester. A scheme to connect it with the Ruddington-based GC (North) has just begun and when completed will give a line

Great Western motive power made several recorded forays along the Great Central including in the summer of 1964 when Collett 'Hall' 4-6-0 6911 *Holker Hall* headed a Poole-Bradford summer Saturday express. Here the 4-6-0 pauses at Loughborough Central with its rake of ex-LMS Stanier 57ft corridor carriages. This station is the current northern terminus of the preserved Great Central Railway.

Gordon Hepburn/Rail Archive Stephenson



about 18 miles long which will be unique in preservation as some of it is double-track and run to full main line standards.

Ironically in view of the history of the development of the Great Central Main Line, around 12 miles of it in Buckinghamshire is earmarked for use by the new HS2. Some politicians have suggested that the whole route would have been a better alternative than that which has been chosen for the new line, which must surely vindicate those who criticised Sir Edward Watkin

and his visionary plans to connect the north and south all those years ago.

Just think – had our politicians not been so short-sighted in the 1960s, the billions being spent on HS2 could instead have supported other initiatives, such as reopenings or further electrification. The Great Central Railway's London Extension was a route far ahead of its time whose retention would have solved the current north-south capacity problems at a stroke. Its untimely closure must go down as one of the most misguided railway closures of all time. [1969](#)

The Great Central had its own Chief Mechanical Engineer in John G Robinson who created several well known classes including the 'Director' 4-4-0s and the 'O4' 2-8-0s (originally classified '8K'). Pioneer Robinson 'O4' 2-8-0 5966 passes through Nottingham Victoria with an up goods on March 23 1940, now operated by the London North Eastern Railway. *John P. Wilson/Rail Archive Stephenson.*



STAFF PROJECTS

Back at the BENCH

Preparation is everything when it comes to an exhibition layout, and **MIKE WILD** has started early by taking the chance to get prepare new motive power for Twelve Trees Junction.



Lifecolor Dirty Grease Effect finishes off the bufferheads. The main body of the locomotive has been kept in a relatively clean state.



The '700' is the most advanced of the two steam locomotives currently on the workbench. Highlights include Lifecolor Worn Black for the smokebox and Wilder Grease for the motion.



All the colouring blends together. The boiler will benefit from further detailing with light streaking.

IT MADE A GREAT CHANGE OVER THE EASTER weekend to find a couple of hours to sit down at my workbench and get stuck into some modelling. I haven't had chance to do anything directly for myself of late, so I grabbed the chance with both hands – the only problem was deciding what to do.

I'm a serial 'projectist' – there are always a few things on the go, and there are still wagons that need finishing with painting or detailing. However, I needed an instant fix of modelling

medication – so I decided to think ahead to what I wanted to accomplish for the return of Twelve Trees Junction at the Great Electric Train Show in October and some of the purchases that I'd made to expand the layout's roster.

Now, there is a big project in this layout's resurrection as it will be having a brand new storage yard built, but for the short term I decided it was high time I started preparing some of the new locomotives and rolling stock that I'd acquired over the two years since it was last out

in public. This includes an Adams 'Radial' 4-4-2T, Drummond '700' 0-6-0, Maunsell 'S15' 4-6-0 and BR Class 71 Bo-Bo electric while the very latest arrival for preparation is a Hornby air-smoothed 'Merchant Navy' as 35028 *Clan Line*. There's also a Dapol Class 73 awaiting attention.

To get the ball rolling, I picked out the 'S15', '700' and '71' and set to work on giving them that all-important workaday look. I found pictures of all three classes in the liveries I had them which made replicating their final finish straightforward,



The *Hornby Magazine* team is always busy behind the scenes. This is what they've been up to.



MIKE WILD

As well as working on locomotives Mike has laid the rest of the track for the depot area on the 'O' gauge test track working towards new video locations.



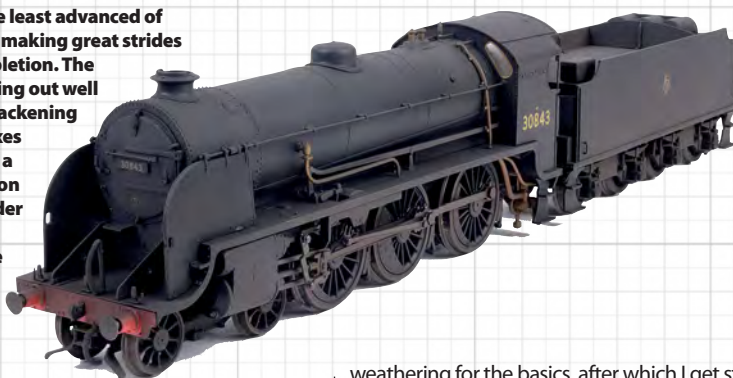
MARK CHIVERS

Mark has turned his attention to 1960s era Southern Region stock too by renumbering more of his 2-BIL and 2-HAL fleet to operate on Twelve Trees Junction.

The Class 71 has turned out well with a combination of Lifecolor acrylics for the underframe and roof colouring together with Wilder Dark Shadow wash for the bodyside grilles.



The 'S15' is the least advanced of the three, but making great strides towards completion. The tender is turning out well with subtle blackening of the axleboxes together with a dust staining on the lower tender side, just as in the picture we found of this locomotive.



Three different blacks (Burned, Worn, Matt) together with Frame Dirt make up the layers of colour on the tender body and coal space. A real coal load will finish off this area concealing the sound decoder which will be fitted inside the tender body.

although not necessarily easy.

All three were given the same basic colouring for chassis weathering – Lifecolor's Frame Dirt (UA719) – before moving on to a variety of black and grey shades including Burned Black (UA736), Worn Black (UA734) which I find perfect for smokeboxes, Roof Dirt (UA722) and my all time favourite – Dirty Grease Effect (UA262). This subtle palette combination results in a varied but similar styling for each locomotive's

weathering for the basics, after which I get stuck into the details adding features such as panel line washes, rainmarks, brake dust, grease, grime and paint chips around small details such as steps.

The list of paints I use for these is drawn from the Lifecolor range, including Grease, Brake Dust, Rust pigment and Metallic pigment together with Dark Shadow Wash and Rainmarks Wash from the Adam Wilder range. For the 'S15' and '700' motion I also added touches of the new Adam Wilder Grease and Old

Grease effect washes (HM119) which really bring life to these areas of the models.

There is probably more to do on each of these, but for now I'm happy to set them aside, let the paint harden and think about what I want to tackle next. There is a box of 2-BIL and 2-HAL units for a start, all of which want a subtle modulation of their underframe and roof colours, while I'd also like to give my Pullman rakes a little tickle with the airbrush too, just to take off that 'model' sheen.

I've also been planning the next steps for these and other locomotives. All the new additions, I intend, will be sound fitted by the time of the show – plus locomotives like the '700' really shouldn't be going into service without a crew on the open footplate. Then there are the small matters of route indicator discs, coal loads, fire irons and finally cleaning and checking. On that note, the rest of the Twelve Trees fleet will need dusting down, cleaning and inspecting before we pack up for the show.

However, before then we've also got Grosvenor Square heading out to the Great Central Railway Model Event on June 16-18 so the fleet for that (which handily is still packed from its debut at the Warley National Model Railway Exhibition in November) needs checking over and preparing too along with any new additions.

All of our team are looking forward to taking Grosvenor Square and Twelve Trees out on show again. We hope to see you at one of these events and that you enjoy our latest creations. [Hanna](#)

Preparations for Twelve Trees Junction are underway. These are three of the new additions for the locomotive fleet – a Hornby Class 71, Drummond '700' and Maunsell 'S15' which are making their way through the weathering process.





► The stunning Bluebell Railway was the inspiration for Matt Wickham's 'OO' home layout which models its famous Horsted Keynes station. Hornby Adams '0415' 4-4-2T 488, a Bluebell resident, meets kit built Wainwright 'H' 0-4-4T 263.

OUR PICK!



► 'OO' gauge 1960s diesels are the premier diet on Colin Edwards' Bovingdon Goods which is set in Hertfordshire.



► Roger Giles has been working with Hornby's Skaledale buildings to create realistic cameos for his home 'OO' model.



► Andrew Lickley has made extensive use of Hornby buildings for his home layout with one of the recent additions being this Twin Track Sound fitted Fowler '2P' 4-4-0 as 40626 in BR lined black with early crests.

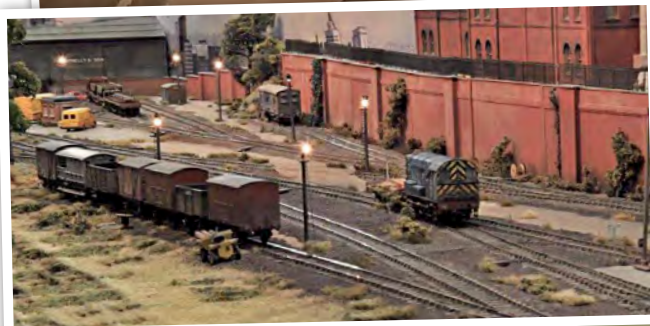


► Daniel Stanbridge has begun work to rebuild his layout Peakdale with a modern diesel theme in 'OO' scale.

▼ Daniel Foster is working hard to develop his 'OO' project layout which features Hornby sectional track and a number of Metcalfe and Hornby buildings.



▲ Tom Gray's layout pays tribute to the unique Woodhead route which operated with 1,500v DC overhead electric locomotives between Manchester and Sheffield across the Pennines. The line closed in 1981, but lives on in 'OO' gauge.



▲ There is atmosphere aplenty at Simon Howard's Thorne Yard which models the 1980s in 'OO' gauge with digital sound.



▼ Hornby's recently released plain BR green Class 08 diesel shunter is the latest addition to Chris Kite's roster.



► Michael Doyle's Grimsby Town captures the atmosphere of the 1980s railway with this pair of Class 20s heading a string of 20ton coal hoppers, all built in 'OO'.

SHOW GUIDE

Welcome to the *Hornby Magazine* Show Guide – your guide to the exhibitions that are taking place throughout the country every weekend. This listing is a guide to events planned by model railway clubs and societies, and is updated each issue. Entries marked in blue are new shows to the listing. We recommend checking the society website or using the contact details provided to check a show or event is on before travelling. All information is provided in good faith, and *Hornby Magazine* cannot be held responsible for any changes that may take place following publication.

MAY

13 HEYWOOD MODEL RAILWAY GROUP OPEN DAY

Hosts: Heywood Model Railway Group
Location: Club Rooms, Unit 3, Park Works, River Street, Heywood, Lancashire OL10 4AB
Times: 10am-4pm
Prices: Free (donation to club appreciated)
Website: www.hmrg.co.uk
Features: Layouts, refreshments and parking.

13 LUTTERWORTH MODEL RAILWAY EXHIBITION

Hosts: Lutterworth Railway Society
Location: The Wycliffe Rooms, George Street, Lutterworth, Leicestershire LE17 4ED
Times: 10am-4.30pm
Prices: Adults £5, children £2, family £9
Website: www.lutterworthrailwaysociety.co.uk
Contact: 01788 310354
Features: Layouts, trade support, societies, refreshments and disabled access.

13/14 EXPO EM SPRING 2017

Hosts: EM Gauge Society
Location: Bracknell Leisure Centre, Bagshot Road, Bracknell, Berkshire RG12 9SE
Times: Sat 10.30am-5.30pm, Sun 10am-4.30pm
Prices: Adults £8, members £6, children £2, family £16
Website: www.emgs.org
Features: 12 layouts, trade support, demonstrations, societies, lectures, test tracks, refreshments, parking and disabled access.

13/14 GLENROTHES MODEL RAILWAY CLUB EXHIBITION

Hosts: Glenrothes Model Railway Club
Location: The Lomond Centre, Woodside Way, Glenrothes, Fife KY7 5RE
Times: Sat 10am-4pm, Sun 10.30am-4.30pm
Prices: Adults £4, concessions £3, child £2, family (2+2) £11
Website: www.glenrothesmrc.org.uk
Contact: 01334 475311
Features: Layouts, trade support, refreshments, parking and disabled access.

13/14 SALISBURY MODEL RAILWAY EXHIBITION

Hosts: Salisbury and South Wilts Railway Society
Location: Michael Herbert Hall, South Street, Wilton, Salisbury SP2 0JS
Times: Sat 10.30am-4.30pm, Sun 10.30am-4.30pm
Prices: Adults £4, children £2
Website: www.sswrs.org.uk
Contact: 07768 448369
Features: 12 layouts, trade support, garden railway, refreshments, parking and disabled access.

13/14 SOMPTING MODEL RAILWAY EXHIBITION

Hosts: Sompting and District Model Railway Club
Location: Sompting Village Hall, West Street, Sompting, West Sussex BN15 0BE
Times: Sat 10am-5pm, Sun 10am-4.30pm
Prices: Adults £3, children £1.50
Website: www.somptingdistrictmrc.co.uk
Features: Layouts, trade support and refreshments.

13/14 YEovil RAILWAY CENTRE MODEL RAILWAY SHOW

Hosts: Yeovil Railway Centre
Location: GWR Transfer Shed, Yeovil Railway Centre, Yeovil Junction Station, Stoford, Yeovil BA22 9UU
Times: Sat 10am-4pm, Sun 10am-4pm
Prices: Adults £3, children £1
Website: www.yeovilrailway.freeservers.com
Contact: 01935 410420
Features: 13 layouts, trade support, refreshments and parking.

20 BLOXWICH (ST JOHN'S) MODEL RAILWAY EXHIBITION

Hosts: Bloxwich (St John's) Model Railway Club
Location: St John's Methodist Church, Victoria Avenue, Bloxwich, Walsall WS3 3HS
Times: 10am-4.30pm
Prices: Adults £4, children £2
Contact: 07970 390258
Features: 15 layouts, trade support, demonstrations, refreshments and disabled access.

20 ELY MODEL RAILWAY EXHIBITION

Hosts: Ely and District Model Railway Club
Location: City of Ely Community College, Downham Road, Ely CB6 2SH
Times: 10.30am-4.30pm
Prices: Adults £5, children £3
Website: www.elymrc.org.uk
Contact: 01480 454857
Features: 16 layouts, trade support, societies, demonstrations, loco clinic, outdoor rides, refreshments, parking and disabled access.

20 MIRFIELD MODEL RAILWAY EXHIBITION

Hosts: Mirfield Team Parish Music Guild
Location: St Mary's Community Centre, Church Lane, Mirfield, West Yorkshire WF14 9HU
Times: 10am-4pm
Prices: Adults £4, children £2
Contact: 01924 495929
Features: 20 layouts, trade support, refreshments and parking.

20 ST MARY'S MODEL RAILWAY CLUB (BENFLEET) EXHIBITION

Hosts: St Mary's Model Railway Club
Location: St Mary's Church Hall, High Road, Benfleet SS7 5HL
Times: 10am-4pm
Prices: Adults £3, accompanied children free
Contact: 01277 225206
Features: Eight layouts, trade support and refreshments.

20 TUNBRIDGE WELLS MODEL RAILWAY EXHIBITION

Hosts: Dakota Dibben
Location: The Great Hall, Southborough Primary School, Broomhill Park Road, Southborough, Tunbridge Wells TN4 0JY
Times: 10am-4.30pm
Prices: Adults £5, children £2, family (2+2) £12
Contact: 07595 255150
Features: Layouts and trade support.

20/21 FOUR MARKS MODEL RAILWAY EXHIBITION

Hosts: Four Marks and Ropley Scout Group
Location: Four Marks Village Hall, Lymington Bottom, Four Marks, Alton, Hampshire GU34 5AA
Times: Sat 10am-5pm, Sun 10am-4pm
Prices: Adults £4, children £2, family £10
Contact: 01420 563829
Features: Layouts, trade support and refreshments.

20/21 MIDDLESBROUGH MODEL RAILWAY CLUB EXHIBITION

Hosts: Middlesbrough Model Railway Club
Location: Newport Settlement Community Centre, Union Street, Middlesbrough TS1 6NQ
Times: Sat 10am-5pm, Sun 10am-4pm
Prices: Adults £6, concessions £5, children £4, family (2+2) £12
Website: www.mboromrc.com
Contact: 01642 802892
Features: Ten layouts, trade support, refreshments, parking and disabled access.

20/21 MRX 2017

Hosts: Lancashire and Yorkshire DCC Model Railway Group
Location: Museum of Transport Manchester, Boyle Street, Cheetham Hill, Manchester M8 8UW

Times: Sat 10am-4.30pm, Sun 10am-4.30pm
Prices: Adults £7, concessions £6, accompanied children free
Website: www.lydcc.org.uk
Contact: 07561 179117
Features: Layouts, trade support, demonstrations, seminars and refreshments. Free heritage bus shuttle between venue and Manchester Victoria railway station.

26/27 FIRST BANGOR MODEL RAILWAY AND HOBBIES EXHIBITION

Hosts: First Bangor Model Railway Club
Location: First Bangor Presbyterian Church Halls, Upper Main Street, Bangor, Co. Down, Northern Ireland BT20 4AG
Times: Fri 7pm-9.30pm, Sat 10am-4.30pm
Prices: Adults £5, concessions £3, children £2, family (2+2) £10
Website: www.firstbangormrc.co.uk
Contact: 02891 457740
Features: 20 layouts, trade support, displays, refreshments and disabled access.

27 BRIDLINGTON MODEL RAILWAY SHOW

Hosts: Bridlington (Area) Railway Modellers and Train Enthusiasts Society
Location: Christ Church Hall, Quay Road, Bridlington, East Yorkshire YO15 2AP
Times: 10am-4pm
Prices: Adults £3, concessions £2.50, children £2
Contact: 07811 254080
Features: Ten layouts, trade support and refreshments.

27 NORTHOLT MODEL RAILWAY EXHIBITION

Hosts: Northolt Model Railway Club
Location: Northolt Village Community Centre, Ealing Road, Northolt, Middlesex UB5 6AD
Times: 10.30am-5pm
Prices: Adults £3, concessions £2, children £2, family (2+2) £5
Contact: 07713 242756
Features: Eight layouts, trade support, displays, live steam rides, refreshments, parking and disabled access.

27/28 BALA MODEL RAILWAY SHOW

Hosts: Bala Lake Railway
Location: Ysgol Y Berwyn Secondary School, Bala, Gwynedd LL23 7RL
Times: Sat 10.30am-5pm, Sun 10.30am-4.30pm
Prices: Adults £4, concessions £3.50, accompanied children free (max. two)
Website: www.bala-lake-railway.co.uk
Features: 15 layouts, trade support, refreshments, parking and disabled access. Free heritage bus operating between venue and Bala Lake Railway.

27/28 BROCKENHURST MODEL RAILWAY EXHIBITION

Hosts: New Forest Model Railway Society
Location: Brockenhurst Village Hall, Highwood Road, Brockenhurst, Hampshire SO42 7RY
Times: Sat 10am-5pm, Sun 10am-4.30pm
Prices: Adults £4.50, children £3, family (2+2) £12
Website: www.nfmrms.org
Contact: 01425 673668
Features: Layouts, trade support, displays, refreshments, parking and disabled access.

27/28 RAILEX 2017

Hosts: Risborough and District Model Railway Club
Location: Stoke Mandeville Stadium, Stadium Approach, Aylesbury, Buckinghamshire HP21 9PP
Times: Sat 10.30am-5.30pm, Sun 10am-5pm
Prices: Adults £9, children £5
Website: www.railex.org.uk
Features: Layouts, trade support, demonstrations, refreshments, parking and disabled access. Free vintage bus link between venue and Aylesbury railway station.

27-29 ROBERTSBRIDGE MODEL RAILWAY EXHIBITION

Hosts: Rother Valley Railway Supporters' Association
Location: Robertsbridge Village Hall, Station Road, Robertsbridge TN32 5DA
Times: Sat 10am-5pm, Sun 10am-5pm, Mon 10am-5pm
Prices: Adults £3.50, accompanied children free
Website: www.rvr.org.uk
Features: 12 layouts, trade support, refreshments, parking and disabled access.

28 THIRSK MINI EXHIBITION

Hosts: CM3 Models
Location: Three Tuns Hotel, Market Place, Thirsk YO7 1LH
Times: 10am-4pm
Prices: Free (charity donation welcome)
Contact: 07766 697708
Features: Layouts and trade support.

29 FARNHAM AND DISTRICT MODEL RAILWAY CLUB OPEN DAY

Hosts: Farnham and District Model Railway Club 'OO' Gauge Group
Location: Wrecclesham Community Centre, Greenfield Road, Wrecclesham, Farnham, Surrey GU9 8TJ
Times: 10am-4pm
Prices: £1.50
Website: www.farnhammrc.org.uk
Features: Club layouts, members' layouts, trade support, 'OO' running track, refreshments, parking and disabled access.

JUNE

3 GAUGE 'O' GUILD SUMMER SHOW

Hosts: Gauge 'O' Guild
Location: Dome Leisure Centre, Doncaster Lakeside, Bawtry Road, Doncaster, South Yorkshire DN4 7PD
Times: 10.30am-4pm
Prices: Members £5, non-members £10
Website: www.gaugeOguild.com
Features: 20+ layouts, trade support and demonstrations.

3 HULL MODEL RAILWAY SOCIETY SUMMER SHOW

Hosts: Hull Model Railway Society
Location: Walton Street Leisure Centre, Goathland Close, Hull HU3 6JB
Times: 10.30am-4.30pm
Prices: Adults £2, children £1
Website: www.hullmrs.org
Features: Ten layouts, trade support, demonstrations and refreshments.

3 SLEAFORD MODEL RAILWAY EXHIBITION

Hosts: Sleaford and District Model Railway Club
Location: St George's Academy, Westgate, Sleaford NG34 7PP
Times: 10am-4pm
Prices: Adults £4, children £3, family (2+2) £10
Contact: 01529 307041
Features: 12 layouts, trade support, refreshments, parking and disabled access.

3 WEST CAMEL MODEL RAILWAY SOCIETY OPEN DAY

Hosts: West Camel Model Railway Society
Location: Davis Hall, West Camel, Yeovil, Somerset BA22 7QX
Times: 10am-3.30pm
Prices: Adults £3, children £1
Contact: charliebishop@hotmail.co.uk
Features: Ten club layouts, trade support and refreshments.

3/4 CHATHAM MODEL RAILWAY EXHIBITION

Hosts: Chatham and District Model Railway Club
Location: Victory Academy, Magpie Hall Road, Chatham, Kent ME4 5JB
Times: Sat 10am-5pm, Sun 10am-4pm
Prices: Adults £6, accompanied children free
Website: www.chatham-mrc.com
Contact: 07552 777718
Features: 15 layouts, trade support, demos, societies, refreshments, parking and disabled access.

3/4 DEMU SHOWCASE 2017

Hosts: Diesel and Electric Modellers United (DEMU)
Location: Burton Town Hall, King Edward Place, Burton upon Trent, DE14 2EB
Times: Sat 10am-5pm, Sun 10am-4pm
Prices: Adults £8, members £5, children £5, family £20
Website: www.demu.org.uk
Features: Layouts, trade support, demonstrations and refreshments.

3/4 EAST LANCASHIRE SUMMER MODEL RAILWAY EXHIBITION

Hosts: East Lancashire Model Railway Charitable Organisation
Location: Accrington Road Community Centre, Accrington Road, Blackburn, Lancashire BB1 2AF
Times: Sat 10am-4pm, Sun 10am-4pm
Prices: Adults £5, concessions £3, children £3, family (2+2) £12
Contact: 07767 682802
Features: Layouts and trade support.

3/4 SHILDON MODEL RAILWAY CLUB EXHIBITION

Hosts: Shildon Model Railway Club
Location: Locomotion, The National Railway Museum at Shildon, Shildon, County Durham DL4 2RE
Times: Sat 10am-5pm, Sun 10am-5pm
Prices: Free
Website: www.shildonmrc.com
Features: 20 layouts, trade support, displays, steam locomotive rides (small charge), refreshments, parking and disabled access.

10 7mm NARROW GAUGE ASSOCIATION EXHIBITION

Hosts: 7mm Narrow Gauge Association
Location: Burton upon Trent Town Hall, King Edward Place, Burton upon Trent, Staffordshire DE14 2EB
Times: 10.30am-4.30pm
Prices: Adults £5, members £3, children free
Website: www.7mmnga.org.uk
Features: Layouts, trade support, demonstrations and refreshments.

10 HEYWOOD MODEL RAILWAY GROUP OPEN DAY

Hosts: Heywood Model Railway Group
Location: Club Rooms, Unit 3, Park Works, River Street, Heywood, Lancashire OL10 4AB
Times: 10am-4pm
Prices: Free (donation to club appreciated)
Website: www.hmrg.co.uk
Features: Layouts, refreshments and parking.

10 HILLINGDON RAILWAY MODELLERS TEST TRACK OPEN DAY

Hosts: Hillingdon Railway Modellers
Location: Yiewsley Baptist Church Hall (side entrance), 74 Colham Avenue, Yiewsley, Hillingdon, London UB7 8HF
Times: 10am-4pm
Prices: £4
Website: www.hillingdonrailwaymodellers.co.uk
Features: Three club test tracks in 'O', 'OO' and 'N' available, DC and DCC, club sales, meet club members and refreshments.

10 KNOWL HILL 2017 MODEL RAILWAY EXHIBITION

Hosts: Marlow, Maidenhead and District Model Railway Club
Location: Knowl Hill Village Hall, Bath Road, Knowl Hill, Berkshire RG10 9XB
Times: 10am-4.30pm
Prices: Adults £4, children £2, family (2+2) £10
Website: www.mmdmrc.org.uk
Features: Layouts, trade support, demos and refreshments.

10 MERSEYSIDE HOBBIES AND MODEL RAILWAY EXHIBITION

Hosts: World of Motion
Location: Hulme Hall, Bolton Road, Port Sunlight, Wirral CH62 5DH
Times: 10.30am-3.30pm
Prices: Adults £4.50, children £1
Website: www.worldofmotion.co.uk
Contact: 0151 638 3915
Features: Layouts, trade support, diecast displays and societies.

10/11 GLASGOW 'O' GAUGE MODEL RAILWAY EXHIBITION

Hosts: Strathclyde 'O' Gauge Group
Location: Pollokshaws Burgh Halls, 2025 Pollokshaws Road, Glasgow G43 1NE
Times: Sat 10am-4pm, Sun 11am-4pm
Prices: Adults £6, accompanied children free
Contact: 0141 637 4189
Features: Layouts, trade support, demonstrations, test track and refreshments.

10/11 NORTH EAST OF ENGLAND 'N' GAUGE GROUP MODEL RAILWAY EXHIBITION

Hosts: North East of England 'N' Gauge Group
Location: Gateshead Masonic Hall, Alexandra Road, Gateshead NE8 1RB

Times: Sat 10am-5pm, Sun 10am-4pm
Prices: Adults £3, children £1.50, family £5
Contact: neil.walker64@btinternet.com
Features: Layouts, trade support, refreshments, parking and disabled access.

10/11 PEAK MODEL RAILWAY EXHIBITION

Hosts: Chesterfield Railway Modellers
Location: The Agricultural Centre, Bakewell, Derbyshire DE45 1AH
Times: Sat 10am-5pm, Sun 10am-5pm
Prices: Adults £5, concessions £4, family £12
Contact: 01246 271099
Features: 15 layouts, trade support, refreshments and parking.

10/11 PONTYPOOL AND BLAENAVON RAILWAY MODEL RAIL OPEN WEEKEND

Hosts: Blaenavon Model Railway Club
Location: The Railway Station, Furnace Sidings, Garn yr Erw, Blaenavon, NP4 9SF
Times: Sat 11am-4pm, Sun 11am-4pm
Prices: Adults £3, concessions £2, children £2
Contact: 07980 816224
Features: Ten layouts. Free entry on production of return ticket for Pontypool and Blaenavon Heritage Railway.

10/11 SHEPTON AND DISTRICT MODEL RAILWAY SOCIETY EXHIBITION

Hosts: Shepton and District Model Railway Society
Location: Douling Village Hall, Near Shepton Mallet, Somerset BA4 4PL
Times: Sat 10.30am-4.30pm, Sun 10am-4pm
Prices: Adults £4, children 12-16 £2, accompanied children under 12 free
Contact: 01761 232950
Features: Layouts, trade support, demonstrations, societies, refreshments, parking and disabled access.

11 WILBARSTON MODEL RAILWAY EXHIBITION

Hosts: Corby and District Model Railway Society
Location: Wilbarston Village Hall, Carlton Road, Wilbarston, Market Harborough LE16 8QD
Times: 10am-4pm
Prices: Adults £4, concessions £3, children £2, family £10
Website: www.cdms.co.uk
Contact: 07505 377956
Features: Layouts and trade support.

DON'T MISS...

16-18 GREAT CENTRAL RAILWAY MODEL EVENT

Hosts: Great Central Railway and Soar Valley MRC
Location: Quorn and Woodhouse Station (main venue), Woodhouse Road, Quorn, Leicestershire LE12 8AG
Times: Fri 10am-5pm, Sat 10am-5pm, Sun 10am-4pm
Prices: Adults £20, children £12, family (1+3) £32, family (2+3) £50.
Website: www.gcrailway.co.uk
Features: 70+ layouts, trade support, demonstrations, displays, locomotive and carriage shed tours, railwayana, refreshments and parking. Sponsored by *Hornby Magazine*, *Railways Illustrated* and *Steam Days*. All-inclusive ticket covers unlimited travel on the heritage railway all day between exhibition sites. Intensive timetable on the GCR.

17 ALRESFORD FESTIVAL OF TOY TRAINS

Hosts: Bob Leggett
Location: Perins Community School, Pound Hill, New Alresford, Hampshire SO24 9BS
Times: 10.30am-4.30pm
Prices: Adults £6, children £2, family £14
Website: www.alresford-toy-trains.org.uk
Contact: 01962 733475
Features: Layouts, trade support and refreshments.

17 HUCCLECOTE MODEL RAILWAY EXHIBITION

Hosts: Hucclecote Methodist Church
Location: Hucclecote Methodist Church, Carisbrooke Road, Hucclecote, Gloucester GL3 3QP
Times: 10am-5pm
Prices: Adults £4, children free
Contact: 01452 617357
Features: Layouts, trade support and refreshments.

17/18 EXHIBITION OF COAL AND LIMESTONE CARRYING MODEL RAILWAYS
Hosts: North of England Institute of Mining and Mechanical Engineers (NEIMME)
Location: NEIMME, Neville Hall, Westgate Road, Newcastle upon Tyne NE1 1SE
Times: Sat 10am-5pm, Sun 10am-4pm
Prices: Free (donations welcome)
Website: www.mininginstitute.org.uk
Features: Layouts and displays.

17/18 GAINSBOROUGH MODEL RAILWAY SOCIETY - OPEN DAYS
Hosts: Gainsborough Model Railway Society
Location: Florence Terrace, Gainsborough, Lincolnshire DN21 1BE
Times: Sat 1.30pm-6pm, Sun 1.30pm-6pm
Prices: Adults £4, concessions £3, children £3, family (2+2) £10
Website: www.gainsboroughmodelrailway.co.uk
Contact: 01427 610475
Features: Showcasing the LNER in the heyday of steam, featuring dozens of 'O' gauge trains on the club's extensive East Coast layout.

17/18 MERE MODEL RAILWAY EXHIBITION
Hosts: Mere and District Railway Modellers
Location: Mere Lecture Halls, Salisbury Street, Mere, Warrminster BA12 6HA
Times: Sat 10am-4pm, Sun 10am-4pm
Prices: Adults £4, accompanied children free
Website: www.meremodellers.co.uk
Features: Layouts, trade support, refreshments, parking and disabled access.

17/18 MIDDLETON RAILWAY (LEEDS) MODEL RAILWAY EXHIBITION
Hosts: Middleton Railway Trust
Location: The Station, Moor Road, Hunslet, Leeds LS10 2JQ
Times: Sat 10am-5pm, Sun 10am-5pm
Prices: Adults £4 (£7), children £2 (£3), family £10 (£18) - price including train rides shown in brackets
Website: www.middletonrailway.org.uk
Features: 11 layouts, trade support, prototype 'driver for a fiver' opportunities, refreshments and disabled access.

24 BRAINTREE AND HALSTEAD MODEL RAILWAY CLUB EXHIBITION
Hosts: Braintree and Halstead Model Railway Club
Location: Bocking Arts Theatre, Bocking End, Braintree, Essex CM7 9AE
Times: 10am-4pm
Prices: Adults £4, accompanied children £2, family (2+2) £10
Website: www.braintree-halsteadmrc.co.uk
Features: 18 layouts, trade support, demonstrations and refreshments.

24 ENFIELD TOWN MODEL RAILWAY EXHIBITION
Hosts: Enfield Town Model Railway Club
Location: St Paul's Centre, Church Street, Enfield Town EN2 6PR
Times: 10.30am-5pm
Prices: Adults £3, accompanied children free
Website: www.enfield-town-mrc.org.uk
Contact: 01992 639361
Features: Layouts, trade support and refreshments.

24 KING'S LYNN MODEL RAILWAY SHOW
Hosts: King's Lynn Model Railway Club
Location: Gaywood Community Centre, Gayton Road, King's Lynn PE30 4EL
Times: TBC
Prices: Adults £5, children £2
Website: www.klmclub.simplesite.com
Features: Layouts, trade support and refreshments.

24 MINSTEAD MODEL RAILWAY EXHIBITION
Hosts: Minstead Modellers
Location: Minstead Village Hall, Minstead, Nr Lyndhurst, Hampshire SO43 7FX
Times: 10am-4.30pm
Prices: Adults £4, concessions £3, children £3, family (2+2) £11
Contact: 02380 332609
Features: 12 layouts, trade support, refreshments, parking and disabled access.

24 PLYMOUTH MODEL RAILWAY EXHIBITION
Hosts: Plymouth and South East Cornwall Model Railway Club
Location: Abbey Hall, Catherine Street, Plymouth, Devon PL1 2AD
Times: 10am-4pm
Prices: Adults £3, children £1.50, family (2+2) £8

Website: www.pandsecmrc.co.uk
Features: Layouts, trade support, refreshments and disabled access.

24/25 PERTH MODEL RAILWAY EXHIBITION
Hosts: Perth and District Model Railway Club
Location: Dewars Centre, Glover Street, Perth PH2 0TH
Times: Sat 10am-5.30pm, Sun 10am-5pm
Prices: Adults £7, children £3.50, family (2+2) £16
Website: www.perthmrc.com
Contact: 07588 754959
Features: 42 layouts, trade support, demos, societies, seminars, refreshments and disabled access.

JULY

1 BEACONSFIELD MODEL RAILWAY EXHIBITION
Hosts: Beaconsfield and District Model Railway Club
Location: The Beaconsfield School, Wattleton Road, Beaconsfield, Buckinghamshire HP9 1SJ
Times: 10.30am-5pm
Prices: Adults £5, children £2.50
Website: www.beaconsfieldmrc.org
Contact: 01753 643724
Features: 18 layouts, trade support, refreshments, parking and disabled access.

1/2 NORTH WALES 'N' GAUGE SHOW
Hosts: North Wales 'N' Gauge Area Group
Location: Ysgol Porth Y Felin, Llanwrst Road, Conwy LL32 8FZ
Times: Sat 10am-5pm, Sun 10am-4pm
Prices: Adults £4, children £2
Contact: 07703 393900
Features: 10 layouts, trade support, refreshments, parking and disabled access.

1/2 WORTH VALLEY MODEL RAILWAY EVENT
Hosts: Keighley and Worth Valley Railway and Keighley Model Railway Club
Location: Oxenhope and Ingrow West stations, Keighley and Worth Valley Railway, West Yorkshire
Times: Sat 10am-4.30pm, Sun 10am-4.30pm
Prices: TBC
Website: www.kwvr.co.uk
Features: 20 layouts, trade support, demonstrations, refreshments, parking and disabled access.

8 HEYWOOD MODEL RAILWAY GROUP OPEN DAY
Hosts: Heywood Model Railway Group
Location: Club Rooms, Unit 3, Park Works, River Street, Heywood, Lancashire OL10 4AB
Times: 10am-4pm
Prices: Free (donations welcome)
Website: www.hmrg.co.uk
Features: Layouts, refreshments and parking.

8 STOCKPORT AND DISTRICT RAILWAY MODELLERS OPEN DAY
Hosts: Stockport and District Railway Modellers
Location: Scout Hut, Cartwright Street, Newton, Hyde SK14 4FH
Times: 10.30am-4pm
Prices: Free (donations welcome)
Website: www.sdrm.co.uk
Contact: 07895 838029
Features: Club layouts, trade support and refreshments.

9 WEST CORNWALL MODEL RAILWAY GROUP EXHIBITION
Hosts: West Cornwall Model Railway Group
Location: Carn Brea Leisure Centre, Station Road, Pool, Redruth, Cornwall TR15 3QS
Times: 10am-4.30pm
Prices: Adults £4.50, concessions £4, accompanied children free
Contact: 01209 211331
Features: Layouts, trade support, refreshments, parking and disabled access.

15 EXBURY MODEL RAILWAY EXHIBITION
Hosts: Exbury Club
Location: Exbury Club, Summer Lane, Exbury, Nr Beaulieu, Southampton, Hampshire SO45 1AH
Times: 10.30am-5pm
Prices: Adults £3.50, children free
Contact: 02380 891345
Features: Layouts, refreshments, parking and disabled access.

22/23 GOATHLAND MODEL RAILWAY SHOW
Hosts: Whitby and District Model Railway Club
Location: Goathland Village Hall, Goathland, North Yorkshire YO22 5LN

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Times: Sat 10am-4.30pm, Sun 10am-4.30pm
Prices: Admission £1
Contact: 07870 480925
Features: Layouts, trade support, refreshments, parking and disabled access.

23 GAINSBOROUGH MODEL RAILWAY SOCIETY - OPEN DAY
Hosts: Gainsborough Model Railway Society
Location: Florence Terrace, Gainsborough, Lincolnshire DN21 1BE
Times: 1.30pm-6pm
Prices: Adults £4, concessions £3, children £3, family (2+2) £10
Website: www.gainsboroughmodelrailway.co.uk
Contact: 01427 610475
Features: Showcasing the LNER in the heyday of steam, featuring dozens of 'O' gauge trains on the club's extensive East Coast layout.

29 BRIDPORT MODEL RAILWAY EXHIBITION
Hosts: Bridport and District Model Railway Club
Location: Bridport United Church Hall, East Street, Bridport, Dorset DT6 3LJ
Times: 10am-4.30pm
Prices: Adults £3.50, children £1
Contact: 01308 861754
Features: Layouts, trade support and refreshments.

29/30 COLWYN MODEL RAILWAY CLUB EXHIBITION
Hosts: Colwyn Model Railway Club
Location: Craig y Don Community Centre, Queen's Road, Craig y Don, Llandudno, LL30 1TF
Times: Sat 10am-4pm, Sun 10am-4pm
Prices: Adults £4, children £2
Website: www.colwynmodelrailwayclub.co.uk
Contact: 01766 890842
Features: Layouts, trade support, refreshments and parking.

29/30 RAILEXNE
Hosts: Blyth and Tyne Model Railway Society
Location: John Spence Community High School, Preston Grange, North Shields, Tyne and Wear NE29 9PU
Times: Sat 10am-5pm, Sun 10am-4pm
Prices: Adults £7, children £3, family (2+2) £16
Website: www.railexne.com
Features: 40 layouts, trade support, demos and societies.

29/30 SOUTH COAST MODEL RAILWAY CLUB EXHIBITION
Hosts: South Coast Model Railway Club
Location: Arnewood School, Gore Road, New Milton, Hampshire BH25 6RS
Times: Sat 10am-5pm, Sun 10am-4pm
Prices: Adults £5, children £3.50, family (2+2) £15
Website: www.southcoastmodelrailwayclub.co.uk
Contact: 01425 616646
Features: 17 layouts, trade support, refreshments, parking and disabled access.

AUGUST

5/6 REDCAR MODEL RAILWAY EXHIBITION
Hosts: Cleveland Model Railway Club
Location: Redcar and Cleveland College, Corporation Road, Redcar, Cleveland, TS10 1EZ
Times: Sat 10am-5pm, Sun 10am-4pm
Prices: Adults £4.50, concessions £3.50, children £3.50, family (2+2) £12.50
Website: www.cmrc.club
Contact: 07864 880242
Features: 13 layouts, trade support, demos, displays, refreshments, parking and disabled access.

PLANNING AN EXHIBITION?

● Hornby Magazine's Show Guide is a free listing which allows you to promote a forthcoming model railway show. Contact Hornby Magazine by calling 01780 755131 or e-mail: hornbymagazine@keypublishing.com. Please ensure you include appropriate contact details for the public as we are unable to publish the listing without this.

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N GAUGE
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SL-384	Catch Point Right Hand	£5.63
SL-385	Catch Point Left Hand	£5.63

PECO N Gauge Streamline Code 80 Insulfrog

SL-386	Curved Turnout Right Hand	£9.87
SL-387	Curved Turnout Left Hand	£9.87
SL-388	Large Radius Turnout Right Hand	£9.87
SL-389	Large Radius Turnout Left Hand	£9.87
SL-393	Short Crossing	£8.25
SL-394	Long Crossing	£9.00
SL-395	Medium Radius Turnout Right Hand	£8.82
SL-396	Medium Radius Turnout Left Hand	£8.82
SL-397	Medium Radius Y Turnout	£8.82

PECO N Gauge Streamline Code 80 Electrofrog

SL-E386	Curved Turnout Right Hand	£9.94
SL-E387	Curved Turnout Left Hand	£9.94
SL-E388	Large Radius Turnout Right Hand	£10.60
SL-E389	Large Radius Turnout Left Hand	£10.60
SL-E395	Medium Radius Turnout Right Hand	£8.89
SL-E396	Medium Radius Turnout Left Hand	£8.89
SL-E397	Medium Radius Y Turnout	£8.89

N GAUGE
Code 55 Rail



PECO N Gauge Streamline Code 55 Fine

SL-300F	Flexible Track® Wooden Sleeper Nickle Silver	£3.00
SL-300F(30)	Flexible Track® Wooden Sleeper Nickle Silver Pk 30	£84.60
SL-302F	Flexible Track® Concrete Sleeper Nickle Silver	£3.20
SL-302F(30)	Flexible Track® Concrete Sleeper Nickle Silver Pk 30	£90.00

PECO N Gauge Streamline Code 55 Fine Insulfrog

SL-380F	Single Slip	£32.25
SL-390F	Double Slip	£33.75
SL-394F	Long Crossing	£10.00

N GAUGE

PECO N Gauge Streamline Code 55 Fine Electrofrog

SL-E386F	Curved Turnout Right Hand	£10.69
SL-E387F	Curved Turnout Left Hand	£10.69
SL-E388F	Large Radius Turnout Right Hand	£10.69
SL-E389F	Large Radius Turnout Left Hand	£10.69
SL-E380F	Single Slip	£33.38
SL-E383F	Scissors Crossing	£57.75
SL-E390F	Double Slip	£34.88
SL-E391F	Small Radius Turnout Right Hand	£8.63
SL-E392F	Small Radius Turnout Left Hand	£8.63
SL-E393F	Short Crossing	£8.82
SL-E394F	Long Crossing	£9.57
SL-E395F	Medium Radius Turnout Right Hand	£9.64
SL-E396F	Medium Radius Turnout Left Hand	£9.64
SL-E397F	Medium Radius Y Turnout	£9.75
SL-E399F	Asymmetric Three Way Turnout	£28.20

OO GAUGE

OO / HO
Code 100 Rail



PECO OO / HO Streamline Code 100

SL-100	Flexible Track® Wooden Sleeper Nickle Silver	£2.96
SL-100(25)	Flexible Track® Wooden Sleeper Nickle Silver Pk 25	£69.50
SL-102	Flexible Track® Concrete Sleeper Nickle Silver	£2.92
SL-102(25)	Flexible Track® Concrete Sleeper Nickle Silver Pk 25	£68.50
SL-184	Catch Point Right Hand	£7.84
SL-185	Catch Point Left Hand	£7.84

PECO OO / HO Streamline Code 100 Insulfrog

SL-80	Single Slip	£28.32
SL-86	Large Radius Curved Turnout Right Hand	£11.93
SL-87	Large Radius Curved Turnout Left Hand	£11.93
SL-88	Large Radius Turnout Right Hand	£11.18
SL-89	Large Radius Turnout Left Hand	£11.18
SL-90	Double Slip	£30.75
SL-91	Small Radius Turnout Right Hand	£8.89
SL-92	Small Radius Turnout Left Hand	£8.89
SL-93	Short Crossing	£8.14
SL-94	Long Crossing	£9.49
SL-95	Medium Radius Turnout Right Hand	£9.83
SL-96	Medium Radius Turnout Left Hand	£9.83
SL-97	Small Radius Y Turnout	£9.00
SL-98	Large Radius Y Turnout	£10.47
SL-99	Medium Radius 3 Way Turnout	£24.38

OO GAUGE

PECO OO / HO Streamline Code 100 Electrofrog

SL-E86	Large Radius Curved Turnout Right Hand	£12.00
SL-E87	Large Radius Curved Turnout Left Hand	£12.00
SL-E88	Large Radius Turnout Right Hand	£11.25
SL-E89	Large Radius Turnout Left Hand	£11.25
SL-E91	Small Radius Turnout Right Hand	£8.97
SL-E92	Small Radius Turnout Left Hand	£8.97
SL-E95	Medium Radius Turnout Right Hand	£9.90
SL-E96	Medium Radius Turnout Left Hand	£9.90
SL-E97	Small Radius Y Turnout	£9.08
SL-E98	Large Radius Y Turnout	£10.54
SL-E99	Medium Radius 3 Way Turnout	£24.45

OO / HO
Code 75 Rail



PECO OO / HO Streamline Code 75 Fine

SL-100F	Flexible Track® Wooden Sleeper Nickle Silver	£3.00
SL-100F(25)	Flexible Track® Wooden Sleeper Nickle Silver Pk 25	£70.50
SL-102F	Flexible Track® Concrete Sleeper Nickle Silver	£3.12
SL-102F(25)	Flexible Track® Concrete Sleeper Nickle Silver Pk 25	£73.25
SL-104F	Flexible Track® Steel Sleeper Nickle Silver	£3.12
SL-104F(25)	Flexible Track® Steel Sleeper Nickle Silver Pk 25	£73.25
SL-106F	Flexible Track® Concrete Bi-Block Sleeper	£3.36
SL-106F(25)	Flexible Track® Concrete Bi-Block Sleeper Pk 25	£78.75
SL-184	Catch Point Right Hand	£8.07
SL-185	Catch Point Left Hand	£8.07

PECO OO / HO Streamline Code 75 Fine Insulfrog

SL-180	Single Slip	£32.07
SL-190	Double Slip	£34.50
SL-193	Short Crossing	£8.85
SL-194	Long Crossing	£9.72

PECO OO / HO Streamline Code 75 Fine Electrofrog

SL-E1095	Medium Radius Turnout RH with Concrete Sleepers	£12.00
SL-E1096	Medium Radius Turnout LH with Concrete Sleepers	£12.00
SL-E180	Single Slip	£32.44
SL-E186	Curved Turnout Right Hand	£12.19
SL-E187	Curved Turnout Left Hand	£12.19
SL-E188	Large Radius Turnout Right Hand	£11.82
SL-E189	Large Radius Turnout Left Hand	£11.82
SL-E190	Double Slip	£34.88
SL-E191	Small Radius Turnout Right Hand	£10.48
SL-E192	Small Radius Turnout Left Hand	£10.48
SL-E193	Short Crossing	£9.68
SL-E194	Long Crossing	£10.47
SL-E195	Medium Radius Turnout Right Hand	£10.77
SL-E196	Medium Radius Turnout Left Hand	£10.77
SL-E197	Small Radius Y Turnout	£10.37
SL-E198	Large Radius Y Turnout	£11.52
SL-E199	Asymmetric Three Way Turnout	£26.82

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A3005 60035 "Windsor Lad" in BR green with early crest and unstreamlined non-corridor tender
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A4001 2509 "Silver Link" in LNER silver with streamlined corridor tender
A4002 4468 "Mallard" in LNER Garter blue with streamlined non-corridor tender (1938 condition)
A4003 4468 "Mallard" in LNER Garter blue with streamlined non-corridor tender (as preserved)
A4004 4489 "Dominion of Canada" in LNER Garter blue with steel numbers/letters and unstreamlined corridor tender
A4005 4464 "Bittern" in LNER Garter blue with streamlined corridor tender
A4006 60007 "Sir Nigel Gresley" in BR express blue with unstreamlined corridor tender
A4007 60012 "Commonwealth of Australia" in BR green with early crest
A4008 60009 "Union of South Africa" in BR green with late crest and unstreamlined corridor tender
A4009 60008 "Dwight D Eisenhower" in BR green with late crest and streamlined non-corridor tender

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TC11501 Diag. 115 Corridor Third in LNER Teak
TC11502 Diag. 115 Corridor Third in LNER Teak
TC11503 Diag. 115 Corridor Third in BR carmine & cream
TC11504 Diag. 115 Corridor Third in BR carmine & cream
TC11505 Diag. 115 Corridor Third in BR maroon
TC11506 Diag. 115 Corridor Third in BR maroon
TC17501 Diag. 175 Brake Corridor Comp. in LNER Teak
TC17502 Diag. 175 Brake Corridor Comp. in LNER Teak
TC17503 Diag. 175 Brake Corridor Comp. in BR carmine & cream
TC17504 Diag. 175 Brake Corridor Comp. in BR carmine & cream
TC17505 Diag. 175 Brake Corridor Comp. in BR maroon
TC17506 Diag. 175 Brake Corridor Comp. in BR maroon
TC18601 Diag. 186 Open Third in LNER Teak
TC18602 Diag. 186 Open Third in LNER Teak
TC18603 Diag. 186 Open Third in BR carmine & cream
TC18604 Diag. 186 Open Third in BR carmine & cream
TC18605 Diag. 186 Open Third in BR maroon
TC18606 Diag. 186 Open Third in BR maroon

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AA15 'Toad' 20T Brake Van Pre-order for £19



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- R3553 6231 "Duchess of Atholl" in LMS Crimson Lake
- R3555 46256 "Sir William Stanier F.R.S." in BR Maroon

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- R3539 31518 in BR black with late crest
- R3540 1324 in Southern Railway olive green

Hitachi IEP Class 800 Pre-order from £229.50



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- R3579 800002 in Hitachi Test livery (SOLD OUT)

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- R3582 87010 'King Arthur' in Intercity Swallow livery

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- H1406 14xx 1420 in GWR unlined green G W R
- H1407 58xx 5802 in GWR unlined green G W R
- H1408 58xx 5816 in BR lined black BRITISH RAILWAYS
- H1409 14xx 1470 in BR lined black early emblem
- H1410 58xx 5819 in BR unlined black early emblem
- H1411 58xx 5801 in BR unlined green G W R
- H1412 14xx 1474 in BR unlined black early emblem
- H1413 14xx 1444 in BR lined green early emblem
- H1414 14xx 1450 BR lined green late crest
- H1415 14xx 1432 BR lined green late crest
- H1416 14xx 1409 BR unlined green late crest

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- 4D-009-HAT04 121020 in Chiltern blue livery
- 4D-009-HAT05 55033 in Revised Network South East livery
- 4D-009-HAT06 960010 in Railtrack "coaching stock" maroon
- 4D-009-HAT07 55022 in Original Network South East livery
- 4D-015-HAT01 TDB975023 in Route Learning BR blue

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	Link	Price	Date announced	CAD done	In Tooling	Seen 1st EP	Decorated samples	In production	On Board Ship	Released
Stanier Mogul 2-6-0	hattons.co.uk/5p4f	£135.96	Mar 2013							
LNWR Webb coal tank 0-6-2T	hattons.co.uk/wct	£101.96	Sep 2014							
Class 450	hattons.co.uk/cl450	from £271.96	Mar 2015							
SECR Birdcage Coaches	hattons.co.uk/bc	£55.21	Mar 2014							
Warflat Bogie Flat wagon	hattons.co.uk/warflat	£42.46	Mar 2013							
Class H2 Atlantic 4-4-2	hattons.co.uk/h2atlantic	£152.96	Mar 2013							
Baldwin Class 10-12-D 4-6-0	hattons.co.uk/baldwin460	£123.21	Jul 2014							

	Link	Price	Date announced	CAD done	In Tooling	Seen 1st EP	Decorated samples	In production	On Board Ship	Released
Class 68	hattons.co.uk/c68	£123.72	April 2014							
Class 121/122	hattons.co.uk/dapolbubble	£123.25	Dec 2012							
GWR Streamlined Railcar	hattons.co.uk/gwrrc	from £119.43	Jul 2014							

	Link	Price	Date announced	CAD done	In Tooling	Seen 1st EP	Decorated samples	In production	On Board Ship	Released
Class 14xx 0-4-2T	hattons.co.uk/14xx	£99	Sep 2014							
50t Warwell Wagon	hattons.co.uk/warwell	from £33	Jun 2016							
O Gauge Class A3/A4	hattons.co.uk/recordbreakers	£750	Aug 2016							

	Link	Price	Date announced	CAD done	In Tooling	Seen 1st EP	Decorated samples	In production	On Board Ship	Released
Class 1366 0-6-0PT	hattons.co.uk/1361	£124	Nov 2013							
O Gauge Class 45 'Peak'	hattons.co.uk/hel45	£550	Jun 2013							
Class 47xx 'Night Owl' 2-8-0	hattons.co.uk/47xx	£154	Nov 2014							
Class 07 Shunter	hattons.co.uk/cl07	£99 (EST)	Jan 2016							

	Link	Price	Date announced	CAD done	In Tooling	Seen 1st EP	Decorated samples	In production	On Board Ship	Released
W4 Peckett 0-4-0ST	hattons.co.uk/peckett	£81	Oct 2015							
Merchant Navy 4-6-2	hattons.co.uk/mn	from £153	Mar 2015							
Class H Wainwright 0-4-4T	hattons.co.uk/hclass	from £90	Sep 2016							
Mk1 FO & BSO	hattons.co.uk/hornbymk1	£31.50	Oct 2016							
Class 8P Princess Coronation 4-6-2	hattons.co.uk/duchess	from £171	Nov 2016							
Hitachi IEP Class 800	hattons.co.uk/IEP800	from £229.50	Nov 2016							

	Link	Price	Date announced	CAD done	In Tooling	Seen 1st EP	Decorated samples	In production	On Board Ship	Released
Class 2301 Dean Goods 0-6-0	hattons.co.uk/oxdgc	£95	Jan 2016							
YEC Janus 0-6-0 Shunter	hattons.co.uk/janus	£74	Nov 2015							
60' Carflat Car Carrying Wagon	hattons.co.uk/oxcarflat	£25	May 2016							
Mk3 Coaches	hattons.co.uk/oxmk3	£29	Jan 2016							

 Shows the stage the project is at based on the information available to us. CAD: Computer Aided Design. 1st EP: First Engineering Prototype. TBC: Price is yet To Be Confirmed (EST): Price is estimated.

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Information correct at the time of going to press on 21/04/17.



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J9405 Austenly 0-6-OST "Hurricane" in NCB Bickershaw Colliery lined green - lightly weathered - Ltd Ed of 200 (DJ) £99
J9404 Austenly 0-6-OST 1763 in NCB Peckfield Colliery lined maroon chevrons - very heavily weathered - Ltd Ed of 200 (DJ) £99
J9402 Austenly 0-6-OST 71515 Mech Navvies maroon - Ltd Ed of 200 (DJ) £99
J9409 Austenly 0-6-OST No 7 in NCB Littleton Colliery lined blue - lightly weathered - Ltd Ed of 200 (DJ) £99
OOJ94-SP1 Austenly 0-6-OST No 65 NCB yellow - Ltd Ed for RMweb (DJ) **NEW** £99
R3292 Class OF Pug 0-4-OST 56011 in BR black - Hornby 2014 Collectors Club special edition (Hor) £26
31-932DC Class 1000 Midland Compound 4-4-0 40934 in BR lined black early emblem - DCC Fitted (Bac) (list £159.95) **BARGAIN** £89



31-933 Class 1000 Midland Compound 4-4-0 41157 in BR lined black late crest (Bac) (list £139.95) **BARGAIN** £79



1300 Class 1361 0-6-OST 1361 in GWR photographic grey - Limited edition of 250 (Hel) £124
1304 Class 1361 0-6-OST 1363 in BR black late crest (Hel) £124



1301 Class 1361 0-6-OST 1363 in GWR green shirtbutton early emblem (Hel) £124



1302 Class 1361 0-6-OST 1364 in GWR green (Hel) £124



1303 Class 1361 0-6-OST 1365 in BR black early emblem (Hel) £124



1320 Class 1366 0-6-OST 1366 in GWR green shirtbutton (Hel) £124



1323 Class 1366 0-6-OST 1367 in BR black early emblem (Hel) £124



1324 Class 1366 0-6-OST 1368 in BR black late crest (Hel) £124



1321 Class 1366 0-6-OST 1369 in Great Western green - as preserved (Hel) £124
1322 Class 1366 0-6-OST 1370 in GWR green (Hel) £124



H1416 Class 14xx 0-4-2T 1409 in BR Unlined green late crest (DJ) £99



H1406 Class 14xx 0-4-2T 1420 in GWR Unlined green G W R lettering (DJ) £99

NEW



H1415 Class 14xx 0-4-2T 1432 in BR Lined green late crest - Heavily weathered (DJ) **NEW** £99



H1413 Class 14xx 0-4-2T 1444 in BR Lined green early emblem (DJ) £99



H1409 Class 14xx 0-4-2T 1470 in BR Lined black early emblem (DJ) £99
31-440 Class 2MT Nall 2-6-2T 41243 BR lined black early emblem (Bac) £110.46



R3459TTS Class 2P Fowler 4-4-0 40626 in BR Black early emblem - TTS sound fitted (Hor) (list £154.99) **BARGAIN** £105
31-127 Class 30xx 2-8-0 ROD 3023 in BR black early emblem (Bac) (list £129.95) **BARGAIN** £80



31-728 Class 3700 City 4-4-0 3708 'Killarney' in Great Western green (Bac) £118.95



R3277 Class 38xx 4-4-0 'County Of Devon' in Great Western Railway range - Railroad range (Hor) (list £89.99) **BARGAIN** £60
32-227B Class 3F Fowler Jinty 0-6-0 tank 7341 in LMS black (Bac) £72.21



R3498 Class 3F Jinty 0-6-0T 19 in S&DJR Blue - Railroad Range (Hor) (list £44.99) **BARGAIN** £25



R3455 Class 4000 'Star' 4-6-0 4013 'Knight of St Patrick' in GWR Green (Hor) **NEW** £127



R3334 Class 415 Adams Radial 4-4-2T 30582 in BR black late crest (Hor) (list £119.99) **BARGAIN** £82



R3333 Class 415 Adams Radial 4-4-2T 30584 in BR black early emblem (Hor) (list £119.99) **BARGAIN** £82
R3462 Class 42xx 2-8-0 4287 BR Black early emblem (Hor) (list £139.99) **BARGAIN** £83
32-131 Class 45xx 2-6-2 Prairie tank 4539 in Great Western green (Bac) £84.96



H1405 Class 48xx 0-4-2T 4807 in GWR Wartime black G W R lettering - Lightly weathered (DJ) **NEW** £99



H1401 Class 48xx 0-4-2T 4825 in GWR Unlined green Great Western lettering (DJ) £99

NEW



H1403 Class 48xx 0-4-2T 4871 in GWR Unlined green Shirtbutton logo - Lightly weathered (DJ) **NEW** £99



R3499 Class 49xx 4-6-0 6947 'Helmingsham Hall' in BR Green late crest - Railroad Range (Hor) (list £94.99) **BARGAIN** £57



R3313 Class 4F 0-6-0 4323 in LMS Black (Hor) (list £99.99) **BARGAIN** £58



R3460TTS Class 4F 0-6-0 44198 in BR Black late crest - TTS sound fitted (Hor) (list £139.99) **BARGAIN** £100



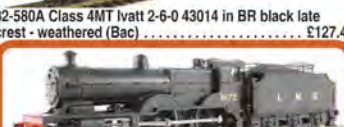
R3314 Class 4F 0-6-0 44341 in BR Black early crest (Hor) (list £99.99) **BARGAIN** £58



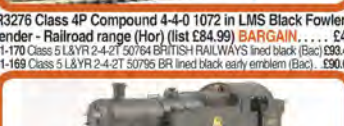
31-884 Class 4F Midland 0-6-0 44044 BR black late crest - weathered (Bac) £108.21



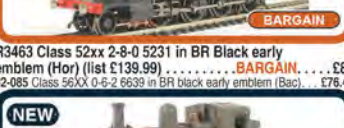
32-881 Class 4MT Fairburn 2-6-4 tank 42105 BR lined black early emblem - weathered (Bac) £110.46



32-575A Class 4MT Ivatt 2-6-0 3000 in LMS black (Bac) £114.71



32-580A Class 4MT Ivatt 2-6-0 43014 in BR black late crest - weathered (Bac) £127.46



R3276 Class 4P Compound 4-4-0 1072 in LMS Black Fowler tender - Railroad range (Hor) (list £84.99) **BARGAIN** £45



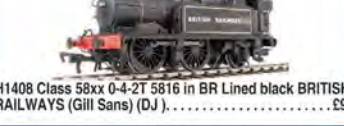
31-170 Class 5 L&YR 2-4-2T 50764 BRITISH RAILWAYS lined black (Bac) £93.45
31-169 Class 5 L&YR 2-4-2T 50795 BR lined black early emblem (Bac) £90.06



H1411 Class 58xx 0-4-2T 5801 in BR Unlined green G W R lettering - Lightly weathered (DJ) **NEW** £99



H1402 Class 58xx 0-4-2T 5814 in GWR Unlined green Great Western lettering - Lightly weathered (DJ) £99



H1408 Class 58xx 0-4-2T 5816 in BR Lined black BRITISH RAILWAYS (Gill Sans) (DJ) £99



H1410 Class 58xx 0-4-2T 5819 in BR Unlined black early emblem (DJ) £99



32-178A Class 5MT Crab 2-6-0 13174 in LMS lined black (Bac) £123.21



31-690 Class 5P4F Stanier Mogul 2-6-0 2965 in LMS lined black (Bac) £135.96



31-692 Class 5P4F Stanier Mogul 2-6-0 42968 in BR lined black late crest (Bac) **NEW** £135.96



31-691 Class 5P4F Stanier Mogul 2-6-0 42969 in BR lined black early emblem (Bac) £135.96



R3409 Class 6000 King 4-6-0 6002 'King William IV' in BR Green late crest (Hor) (list £181.99) **BARGAIN** £109



31-638 Class 64xx 0-6-0PT pannier tank 6419 in BR lined green late crest - weathered (Bac) £90.05



31-636A Class 64xx 0-6-0PT pannier tank 6422 BR black early emblem (Bac) £81.55



31-635A Class 64xx 0-6-0PT pannier tank 6424 in GWR green (Bac) £81.55



R3278 Class 6P Patriot 4-6-0 45518 'Bradshaw' in BR Green early crest - Railroad range (Hor) £64.80



31-204 Class 6P Patriot 4-6-0 5530 'Sir Frank Rees' LMS crimson (Bac) £140.21



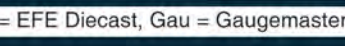
R3420 Class 700 'Black Motor' 0-6-0 30346 in BR Black late crest (Hor) (list £124.99) **BARGAIN** £69



R3421 Class 700 'Black Motor' 0-6-0 30698 in BR Black early emblem (Hor) (list £124.99) **BARGAIN** £69



31-015 Class 7F 2-8-0 13810 in LMS black (Bac) £125.76



31-014 Class 7F 2-8-0 89 in Somerset & Dorset Railway black (Bac) £125.76

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R3468 Class 7P6F Rebuilt Battle of Britain 4-6-2 34077 '603 Squadron' in BR Lined Green late crest (Hor). £144.50



R3288 Class 9F 2-10-0 92220 'Evening Star' in BR Green late crest (Hor). £89



R3086 Class A1 4-6-2 4472 'Flying Scotsman' in LNER apple green - Railroad Range (Hor) (list £94.99) **BARGAIN** £55



R3284TTS Class A1 4-6-2 4472 'Flying Scotsman' in LNER Green TTS Sound - Railroad range (Hor) (list £119.99) **BARGAIN** £85



R3060 Class A1 4-6-2 60163 'Tomado' in British Railways Apple Green (Railroad Range) (Hor) (list £99.99) **BARGAIN** £68
 31-528A Class A2 4-6-2 60529 'Pearl Diver' BR lined green late crest (Bac) £144.45



R3336 Class A3 4-6-2 4472 'Flying Scotsman' in LNER Green - NRM Special Edition (Hor) (list £169.99). **BARGAIN** £124



R3312 Class A3 4-6-2 60062 'Minoru' in BR Green early emblem (Hor) (list £154.99). **BARGAIN** £94



R3371 Class A4 4-6-2 4458 'Mallard' in LNER garter blue - Railroad range (Hor). £74.06



R3395TTS Class A4 4-6-2 4458 'Mallard' in LNER Garter Blue - TTS sound fitted - Railroad Range (Hor) (list £132.99) **BARGAIN** £85



R3285TTS Class A4 4-6-2 4469 'Gadwall' in LNER Garter Blue TTS Sound - Railroad range (Hor) (list £99.99) **BARGAIN** £70



R3441 Class A4 4-6-2 4499 'Sir Marmaduke Wilson' LNER wartime black (Hor). £131



R3338 Class B1 4-6-0 61310 in BR Apple Green (Hor) (list £155.99). **BARGAIN** £87



R3431 Class B12/3 4-6-0 61533 in BR black early emblem (Hor). £136



R3430 Class B12/3 4-6-0 8573 in LNER apple green (Hor). £136



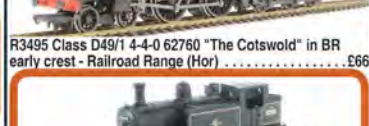
R3447 Class B17 4-6-0 2842 'Kilvestone Hall' in LNER Lined Apple Green (Hor) (list £159.99) **BARGAIN** £99



R3004 Class B17 4-6-0 61631 'Sentry Hall' in BR Green early emblem - weathered (Hor) (list £131.99). **BARGAIN** £79



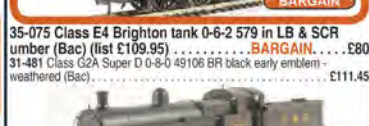
R3318 Class B17/6 4-6-0 61646 'Gilwell Park' in BR Green early emblem (Hor) (list £131.99) **BARGAIN** £74



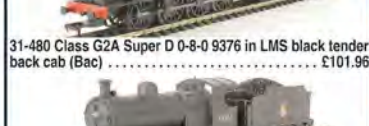
R3433 Class D16/3 4-4-0 'Claud Hamilton' 8900 in LNER Lined Apple Green (Hor) (list £139.99). **BARGAIN** £99



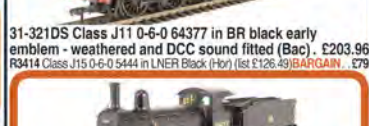
R3495 Class D49/1 4-4-0 62760 'The Cotswold' in BR early crest - Railroad Range (Hor). £66



35-078 Class E4 Brighton tank 0-6-2 32500 in BR black late crest (Bac) (list £109.95). **BARGAIN** £80



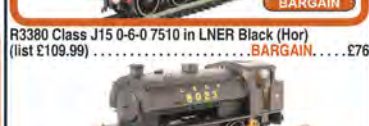
31-077 Class E4 Brighton tank 0-6-2 32556 in BR black early emblem (Bac) (list £109.95). **BARGAIN** £80



31-481 Class G2A Super D 0-8-0 49106 BR black early emblem - weathered (Bac). £111.45



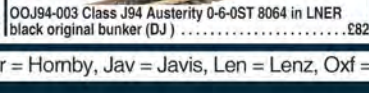
31-480 Class G2A Super D 0-8-0 9376 in LMS black tender back cab (Bac). £101.96



31-321DS Class J11 0-6-0 64377 in BR black early emblem - weathered and DCC sound fitted (Bac). £203.96



R3414 Class J15 0-6-0 5444 in LNER Black (Hor) (list £126.49) **BARGAIN** £79



R3380 Class J15 0-6-0 7510 in LNER Black (Hor) (list £109.99). **BARGAIN** £76



OOJ94-004 Class J94 Austerity 0-6-0ST 8023 in LNER black original bunker (DJ). £82



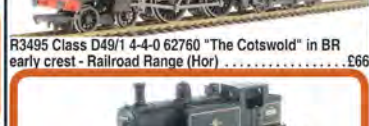
OOJ94-003 Class J94 Austerity 0-6-0ST 8064 in LNER black original bunker (DJ). £82



R3242A Class K1 2-6-0 62032 in BR Black early emblem (Hor) (list £129.99). **BARGAIN** £82



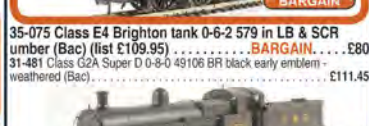
R3243B Class K1 2-6-0 62064 in BR Black late crest (Hor) (list £129.99). **BARGAIN** £82



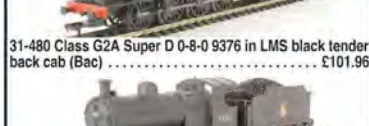
R3461 Class L1 Thompson 2-6-4T 67702 in LNER apple green BR number (Hor) (list £154.99). **BARGAIN** £89



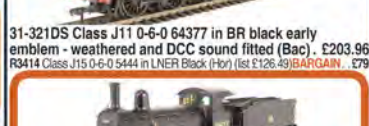
3913 Class O2/3 Tango 2-8-0 63862 BR black late crest slatted tender (Hel) £148



R3440 Class P2 2-6-2 2001 'Cock O' The North' in LNER apple green - gloss finish (Hor). £122.50



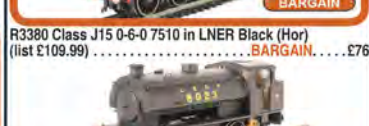
R3171 Class P2 2-8-2 2001 'Cock O' The North' in LNER Green (Railroad range) (Hor) (list £94.99) **BARGAIN** £68



R3424 Class Q6 Raven 0-8-0 3418 in LNER Black Gill Sans lettering (Hor) (list £154.99). **BARGAIN** £105



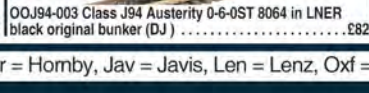
R3426 Class Q6 Raven 0-8-0 63429 in BR Black late crest (Hor) (list £154.99). **BARGAIN** £105



R3425 Class Q6 Raven 0-8-0 63443 in BR Black early crest (Hor) (list £154.99). **BARGAIN** £105



R3329 Class S15 4-6-0 30830 in BR Black late crest (Hor). £124.99



R3411 Class S15 4-6-0 827 in Southern Railway wartime black (Hor) (list £154.99). **BARGAIN** £88



R3457 Class T9 4-4-0 116 in Southern Railway olive green (Hor) (list £149.99). **BARGAIN** £104



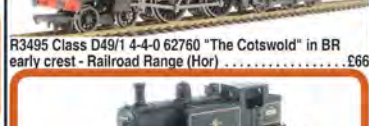
R3311 Class V Schools 4-4-0 30908 'Westminster' in BR Green early crest (Hor) (list £134.99). **BARGAIN** £74



R3279 County Class 4-6-0 1016 'County Of Hants' in BR Green early crest - Railroad range (Hor). £69.50



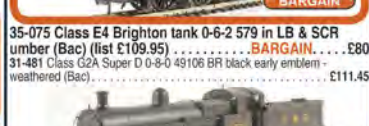
R3584 Ex-Industrial 0-4-0 'Godfrey & Mitchell Coal Merchants' No.9 (Hor). £28



35-050 LNWR 0-6-2T Webb Coal tank 1054 in LNWR plain black (Bac) **NEW** £101.96



31-980 Standard Class 3MT tank 82020 BR green late crest - weathered (Bac). £118.96



32-359A Standard Class 4MT 2-6-4T 80092 in BR black early emblem (Bac). £110.46



32-380A Standard Class 4MT 2-6-4T 80104 BR lined black late crest (Bac). £110.46



32-353 Standard Class 4MT 2-6-4T 80135 BR green late crest (As Preserved) (Bac). £110.46



31-119 Standard Class 4MT 4-6-0 75035 BR black late crest - weathered (Bac). £135.96



32-509 Standard class 5MT 73109 in BR lined black early emblem and BR1B tender (Bac) (list £129.99) **BARGAIN** £89



32-858 Standard Class 9F 2-10-0 92189 in BR black late crest & BR1F tender - weathered (Bac). £140.21



R3500 The Sir Nigel Gresley Collection (Hor). £480



R9289 Thomas & Friends - 4-4-0 No.2 Edward the blue engine (Hor) (list £87.99). **BARGAIN** £60



R9288 Thomas & Friends - 0-4-0ST No.6 Percy the small engine (Hor) (list £39.99). **BARGAIN** £29



R9287 Thomas & Friends - 0-6-0T No.1 Thomas the Tank Engine (Hor) (list £43.99). **BARGAIN** £31



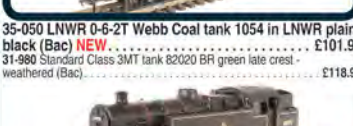
R9290 Thomas & Friends - 2-6-0 No.5 James the red engine (Hor) (list £82.49). **BARGAIN** £55



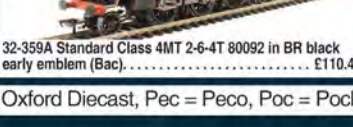
R9292 Thomas & Friends - 4-6-0 No.3 Henry the green engine (Hor) (list £98.99). **BARGAIN** £65



R9291 Thomas & Friends - 4-6-2 No.4 Gordon the big blue engine (Hor) (list £109.99). **BARGAIN** £72



R3299 'Going Home' train pack - 70th Anniversary of the end of WWII Black 5 4-6-0 5156 in LMS Black and 3 x LMS Period 3 Coaches - Ltd Ed (Hor) (list £289.99). **BARGAIN** £150



30-325 Ambulance Train No.40 Train Pack GWR Class 3700 No.3711 'City of Birmingham' in WWI khaki, 3 x coaches in olive green & 6 x WWI figures (Bac). £140.20



30-425 Class 251 Midland Pullman train pack in Pullman livery blue - Collectors Edition (Bac). £490



R3400 Golden Arrow Last Steam Run Train Pack Rebuilt 'West Country' 4-6-2 34100 'Appledore' in BR green and three Pullman coaches - Ltd Ed (Hor). £253



R2670 GWR Freight Train Pack Class 101 steam loco and three wagons - Railroad Range (Hor) (list £44.49). **BARGAIN** £30



R3489 GWR Freight train pack GWR Class 101 tank 109 and 3 wagons - Railroad Range (Hor) (list £54.99). **BARGAIN** £35



R3401 The Bristolian Train Pack - Ltd Ed (Hor) (list £304.99). **BARGAIN** £195



30-575 The Railway Children Train Pack GWR 57xx Pannier in GNSR, 2 x GNSR Coaches & Scenecraft Oakworth Station Building (Bac). £14.71

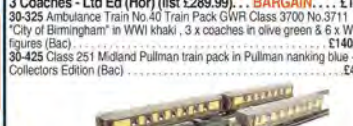


R3501 Virgin Trains East Coast train pack Class 91 91124 & Mk4 DVT 82219 in VTEC - Ltd Ed of 1000 (Hor) (list £229.99). **BARGAIN** £145

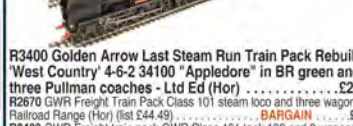
Train packs



R3299 'Going Home' train pack - 70th Anniversary of the end of WWII Black 5 4-6-0 5156 in LMS Black and 3 x LMS Period 3 Coaches - Ltd Ed (Hor) (list £289.99). **BARGAIN** £150



30-325 Ambulance Train No.40 Train Pack GWR Class 3700 No.3711 'City of Birmingham' in WWI khaki, 3 x coaches in olive green & 6 x WWI figures (Bac). £140.20



30-425 Class 251 Midland Pullman train pack in Pullman livery blue - Collectors Edition (Bac). £490



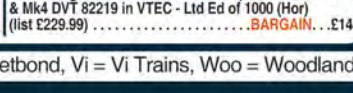
R3400 Golden Arrow Last Steam Run Train Pack Rebuilt 'West Country' 4-6-2 34100 'Appledore' in BR green and three Pullman coaches - Ltd Ed (Hor). £253



R2670 GWR Freight Train Pack Class 101 steam loco and three wagons - Railroad Range (Hor) (list £44.49). **BARGAIN** £30



R3489 GWR Freight train pack GWR Class 101 tank 109 and 3 wagons - Railroad Range (Hor) (list £54.99). **BARGAIN** £35



R3401 The Bristolian Train Pack - Ltd Ed (Hor) (list £304.99). **BARGAIN** £195

Visit

www.hattons.co.uk/new

for all new releases



R3300 Winston Churchill's Funeral Train Pack Battle of Britain class 4-6-2 34051 "Winston Churchill" in BR Green Late crest, 2 Pullman coaches & SR Baggage car - Ltd Ed (Hor) £222.21

Diesel locos



R3065 Class 06 Shunter 06008 in BR blue (Railroad Range) (Hor) (list £32.99) **BARGAIN** £19



R3490 Class 08 08673 in InterCity - Railroad range (Hor) (list £44.99) **BARGAIN** £28
R3342 Class 08 shunter 06489 in BR blue (Hor) (list £19.99) **BARGAIN** £85



32-120 Class 08 Shunter 13287 in BR Plain Green Early Emblem (Bac) £84.96



R3484 Class 08 shunter 13363 in BR green red con rods (Hor) £118
1510 Class 15 D8208 in green small yellow panels & additional yellow panel on 'B' end (Hel) £94



1603 Class 16 North British Type 1 D8407 in BR green with full yellow ends - Ltd Ed of 750 (Hel) (list £134.95) **BARGAIN** £72



1604 Class 16 North British Type 1 D8409 in BR green grey roof - Gloss finish - Ltd Ed of 750 (Hel) (list £134.95) **BARGAIN** £72
32-038DS Class 20 20124 in BR Blue with Indicator Discs (Weathered & DCC Sound Fitted) (Bac) £195.46



32-044 Class 20 D8028 in BR Green Indicator Discs & Tablet Catcher (Bac) £93.46



32-331 Class 25/1 25043 in BR Green full yellow ends - weathered (Bac) £89.21
32-408 Class 25/3 25296 in BR Blue Domino Headcode (Bac) £93.46



2660 Class 26/0 diesel D5300 in BR green semi gloss finish (Hel) (list £119.95) **BARGAIN** £59



2661 Class 26/0 diesel D5301 in BR green (Hel) (list £119.95) **BARGAIN** £61



2664 Class 26/0 diesel D5302 in BR green small yellow panels (Hel) (list £119.95) **BARGAIN** £61



2665 Class 26/0 diesel D5312 in BR green - weathered (Hel) (list £129.95) **BARGAIN** £65



2663 Class 26/0 diesel D5317 in BR green small yellow panels (Hel) (list £119.95) **BARGAIN** £61
3416 Class 33/0 D6551 in BR green small yellow panels (Hel) £94
3348 Class 33/1 D6511 in BR Blue full yellow ends (Hel) £94
3336 Class 33/2 33202 The Burma Star BR engineers' dutch grey & yellow (Hel) £94
3329 Class 33/2 33206 in BR Blue full yellow ends (Hel) £94
3522 Class 35 Hymek D7012 in BR two-tone green no yellow ends (Hel) £101



3523 Class 35 Hymek D7054 in BR two tone green yellow warning panels (Hel) £101



32-781B Class 37/0 37041 in BR blue - split headcode (Bac) £117.26
32-788 Class 37/0 37284 in BR blue (Bac) £117.26



32-787 Class 37/0 D6714 in BR green no yellow ends (Bac) £117.26



32-377A Class 37/4 37401 "Mary Queen Of Scots" in BR large logo blue (Bac) £117.26



32-389 Class 37/4 37421 in Colas Rail (Bac) £117.26



32-376A Class 37/4 37422 "Robert F. Fairlie" in Regional Railways (Bac) **NEW** £123.21



32-390 Class 37/7 37706 "Conidae" in Railfreight Petroleum (Bac) £101.96



32-391DS Class 37/7 37796 in Railfreight coal sector (DCC Sound Fitted) (Bac) £203.96



R3392TTS Class 40 40164 in BR blue - TTS sound fitted - Railroad Range (Hor) (list £99.99) **BARGAIN** £74



32-483 Class 40 D338 in BR Green small yellow panel (Bac) £118.96



R3491 Class 42 Warship D805 "Benbow" in BR green - Railroad Range (Hor) (list £64.99) **BARGAIN** £39
32-069 Class 43 Warship D841 "Roebuck" in BR green (Bac) £127.46
31-656 Class 47/0 47256 BR Green Full Yellow Ends - weathered (Bac) £127.46



31-661DS Class 47/3 47346 in BR Civil Engineers 'Dutch' - DCC sound fitted (Bac) £203.95



31-662 Class 47/3 47359 in BR Railfreight Metals sector triple grey (Bac) **NEW** £114.71



R3482 Class 4DH Sentinel DH16 in MSC (Manchester Ship Canal) (Hor) (list £65.99) **BARGAIN** £40



R3483 Class 4DH Sentinel in Crossley and Evans (Hor) (list £65.99) **BARGAIN** £40
4D-003-004 Class 52 D1058 "Western Nobleman" BR blue full yellow panel (Dap) £109



4D-003-012 Class 52 diesel loco D1026 "Western Centurion" in BR blue full yellow ends - weathered (Dap) £113
5310 Class 53 D0280 "Falcon" original lime green and brown - Ltd Ed (Hel) £125



32-534DS Class 55 Deltic 55004 "Queen's Own Highlander" in BR blue - DCC sound fitted (Bac) £212.46
32-533 Class 55 Deltic D9001 "St. Paddy" in BR green full yellow ends - weathered (Bac) £135.96



R3497 Class 55 Deltic D9016 in BR green - Railroad Range (Hor) (list £65.99) **BARGAIN** £41



32-753DS Class 57/0 57007 "Freightliner Bond" in Freightliner green - DCC sound fitted (Bac) £203.96



32-764 Class 57/3 57305 "Northern Princess" in DRS Northern Belle (Bac) £131.71



32-756 Class 57/6 57603 "Tintagel Castle" in GWR (2015) green (Bac) £131.71
R3479 Class 60 60006 DB Schenker/Dax Powering Tomorrow silver (Hor) £149.50



R3486 Class 66 66185 "DP World London Gateway" in DB Schenker (Hor) (list £98.99) **BARGAIN** £59
R3268 Class 67 67003 in Arriva Trains Wales (Hor) (list £139.99) **BARGAIN** £99



R3388TTS Class 67 67004 "Cairn Gorm" in Caledonian Sleeper - TTS sound fitted (Hor) (list £184.99) **BARGAIN** £104



4D-022-003 Class 68 68010 in Chiltern Railways (Dap) £123.72



4D-022-004 Class 68 68014 in Chiltern Railways (Dap) £123.72
4000 Hawker Siddeley Brush HS4000 "Kestrel" prototype diesel electric loco (Hel) £150

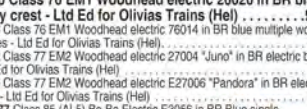


32-991 Type 27 Wickham Trolley and trailer B30W in BR Maroon (Bac) £67.96
32-993 Type 27 Wickham Trolley and trailer MPP007 in BR engineers yellow wasp stripes (Bac) £67.96

Electric locos



7605 Class 76 EM1 Woodhead electric 26020 in BR black early crest - gloss finish as preserved - Ltd Ed for Olivias Trains (Hel) £160



7603 Class 76 EM1 Woodhead electric 76014 in BR blue multiple working cables - Ltd Ed for Olivias Trains (Hel) £160
7702 Class 77 EM2 Woodhead electric 27004 "Juno" in BR electric blue - Ltd Ed for Olivias Trains (Hel) £165
7705 Class 77 EM2 Woodhead electric E27006 "Pandora" in BR electric blue - Ltd Ed for Olivias Trains (Hel) £165
31-677 Class 85 (AL5) Bo-Bo Electric E3056 in BR blue single pantograph (Bac) (list £139.95) **BARGAIN** £79
R3350 Class 90 90029 in DB Schenker (Hor) (list £69.99) **BARGAIN** £49
R3480 Class 92 92016 "Brahms" in Railfreight grey EWS "Beastie" vinyls (Hor) (list £99.99) **BARGAIN** £52



9007 Metropolitan Bo-Bo electric 11 "George Romney" in London Transport maroon (Hel) £108
9009 Metropolitan Bo-Bo electric 12 "Sarah Siddons" in London Transport/Metropolitan (1990s preserved condition) (Hel) £108
9008 Metropolitan Bo-Bo electric 12 "Sarah Siddons" in Metropolitan (As currently preserved) (Hel) £108

DMUs

32-286 Class 101 2 Car DMU in BR green small yellow warning panel "Shrewsbury/Abensyth" (Bac) £135.96
32-285 Class 101 2 Car DMU in BR green speed whiskers "Newcastle/Middlesbrough" (Bac) £135.96



32-905 Class 108 2-car DMU in BR blue & grey full yellow ends (Bac) (list £139.95) **BARGAIN** £72.50
8920 Class 128 DPU 55991 in BR blue yellow ends Parcels Service (Hel) (list £119.95) **BARGAIN** £59



8923 Class 128 DPU 55991 in Royal Mail Letters red (Hel) (list £119.95) **BARGAIN** £59
8921 Class 128 DPU 55992 Royal Mail Letters red (Hel) (list £119.95) **BARGAIN** £59



8992 Class 128 DPU in BR Blue small yellow panels and Midland style fronts M55990 (Hel) (list £119.95) **BARGAIN** £52



8991 Class 128 DPU in BR green small yellow panels & Midland style fronts M55989 (Hel) (list £119.95) **BARGAIN** £69



8990 Class 128 DPU in BR green speed whiskers and Midland style fronts M55987 (Hel) (list £119.95) **BARGAIN** £69



8922 Class 128 DPU W55992 in BR blue yellow ends & no branding Scooby Doo - weathered (Hel) (list £129.95) £59
R3477 Class 153 153321 in Regional Railways (Hor) £88

Prices valid until 07/06/17

All prices correct
when going to press.
Errors excepted.



R3476 Class 153 15327 in Arriva Trains Wales (Hor) £88
8750 Park Royal Railbus SC79570 in BR green speed whiskers (Hel) £97
8801 Railcar W79976 in BR light green speed whiskers. Matt finish (Hel) £94

EMUs



R3340 Class 2-HAL 2 Car EMU 2603 in BR green full yellow ends (Hor) (list £130.25) BARGAIN £62



R3341 Class 2-HAL 2 Car EMU 2677 in BR blue (Hor) (list £130.25) BARGAIN £62



R3341A Class 2-HAL 2623 2 car EMU in BR blue (Hor) (list £149.99) BARGAIN £62



R3215 Class 373 Eurostar 4 car EMU in new (post-2014) Eurostar (Hor) (list £169.99) BARGAIN £94

DEMUS

31-238A Class 205 'Thumper' in BR blue - weathered (Bac) NEW £203.96

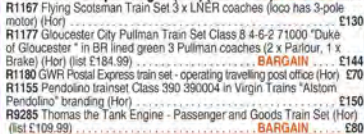
Train sets - analogue



R1183 'Master of the Glens' Train Set Class P2 2-8-2 'Cock O' The North' in LNER green and three LNER teak coaches (Hor) (list £184.99) BARGAIN £110



R1151 Caledonian Belle trainset 0-4-0 steam loco in blue 4 wheel coach & open wagon (Hor) (list £49.99) BARGAIN £35



R1167 Flying Scotsman Train Set 3 x LNER coaches (loco has 3-pole motor) (Hor) (list £184.99) BARGAIN £144



R1155 Pendolino Express train set - operating travelling post office (Hor) (list £109.99) BARGAIN £80



R1172 e-Link Majestic train set A1 Pacific Peppercorn Class in Experimental blue & BR Class 47 (Hor) (list £299.99) BARGAIN £230



R1126 Mixed Freight DCC digital train set Class 08 0-6-0 BR diesel electric loco, steam loco & 4 wagons (Hor) £165



R1125 Somerset Belle train set Class 3F 0-6-0 S&DJR 0-6-0 steam loco & 3 wagons - DCC control (Hor) (list £199.99) BARGAIN £115



30-049 The Permanent Way DCC train set Digital Sound (Bac) £233.70



R1184 Western Express digital train set eLink TTS sound Hall steam loco (Hor) (list £329.99) BARGAIN £199

Coaches



39-576 BR Haworth Auto Trailer Maroon (Bac) £58.61



39-029E BR Mk1 SK Second Corridor chocolate & cream (Bac) £28.01



R4765 Collett corridor brake third (left hand) W4936W in BR maroon (Hor) NEW £38



R4764 Collett corridor brake third (right hand) W4935W in BR maroon (Hor) NEW £38



R4766 Collett corridor composite (left hand) W6138W in BR maroon (Hor) NEW £38



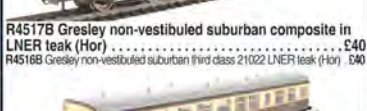
R4767 Collett corridor composite (right hand) W6137W in BR maroon (Hor) NEW £38



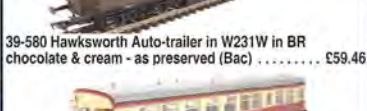
R4763 Collett corridor third class W5147W in BR maroon (Hor) NEW £38



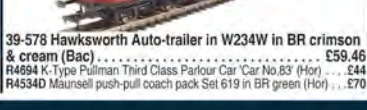
39-779 ex-LMS 50' inspection saloon M45035M in BR maroon (Bac) £50.96



R4517B Gresley non-vestibled suburban composite in LNER teak (Hor) £40



39-580 Haworth Auto-trailer in W231W in BR chocolate & cream - as preserved (Bac) £59.46



39-578 Haworth Auto-trailer in W234W in BR crimson & cream (Bac) £59.46



39-175E Mk1 BG full brake in BR blue & grey (Bac) £33.96



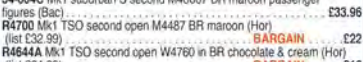
R4814 Mk1 BSK brake second corridor E34734 in BR crimson and cream - Railroad Range (Hor) NEW £19



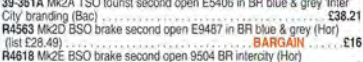
R4812 Mk1 CK composite corridor E15303 in BR crimson and cream - Railroad Range (Hor) NEW £19



39-277 Mk1 GUV general utility van E86380 in BR blue (Bac) £33.96



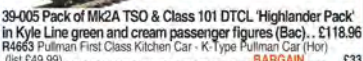
39-271D Mk1 GUV general utility van M86223 in BR Maroon (Bac) £33.96



39-273 Mk1 GUV General Utility Van S86724 in BR green (Bac) £33.96



39-282 Mk1 Pullman FK first kitchen 'Robin' timber & cream - lights (Bac) £59.46



R4813 Mk1 SK second corridor E25002 in BR crimson and cream - Railroad Range (Hor) NEW £19



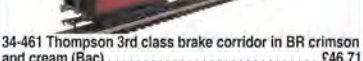
39-500 Mk1 SLF Sleeper Car M2002 in BR Maroon (Bac) £36.50



34-630B Mk1 suburban BS brake second M43301 in BR maroon passenger figures passenger figures (Bac) £33.96



34-604C Mk1 suburban S second M46067 BR maroon passenger figures (Bac) £33.96



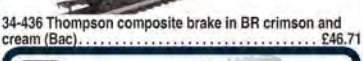
R4700 Mk1 TSO second open W4760 in BR chocolate & cream (Hor) (list £32.99) BARGAIN £22



R4644A Mk1 TSO second open W4760 in BR chocolate & cream (Hor) (list £24.99) BARGAIN £16



39-363A Mk2A TSO tourist second open 5354 Network SouthEast blue (Bac) £38.21



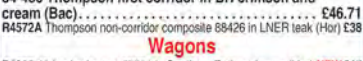
39-361A Mk2A TSO tourist second open E5406 in BR blue & grey Vinter City branding (Bac) £38.21



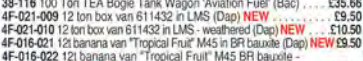
R4563 Mk2D BSO brake second open E9487 in BR blue & grey (Hor) (list £28.49) BARGAIN £16



R4618 Mk2E BSO brake second open 9504 BR integrity (Hor) (list £24.99) BARGAIN £17



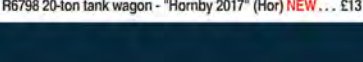
R4655 Mk3 DVT driving van trailer 82146 in DB Schenker silver (Hor) (list £42.99) BARGAIN £26



39-005 Pack of Mk2A TSO & Class 101 DTCL 'Highlander Pack' in Kyle Line green and cream passenger figures (Bac) £118.96



R4663 Pullman First Class Kitchen Car - K-Type Pullman Car (Hor) (list £49.99) BARGAIN £33

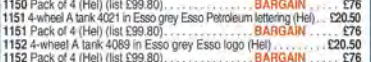


R4664 Pullman First Class Parlor Car - K-Type Pullman Car (Hor) (list £49.99) BARGAIN £33

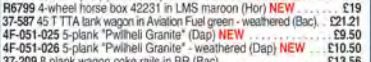
4F-033-108 24-ton steel ore hopper 'Camforth Hematite' (Dap) £10
4F-040-023 4-plank open wagon 'Robert Stark' (Dap) NEW £9.50
4F-040-024 4-plank open wagon 'Robert Stark' - weathered (Dap) NEW £10.50



1150 4-wheel A tank 3274 in Esso silver Esso Petroleum lettering (Hel) £20.50



1151 4-wheel A tank 4021 in Esso grey Esso Petroleum lettering (Hel) £20.50



1152 4-wheel A tank 4089 in Esso grey Esso logo (Hel) £20.50



1152 Pack of 4 (Hel) (list £99.80) BARGAIN £76



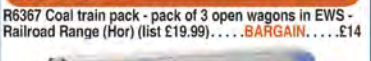
1154 4-wheel A tank 44290 Esso grey 1980s Hazchem symbols - weathered (Hel) £20.50



1154 Pack of 4 (Hel) (list £99.80) BARGAIN £76



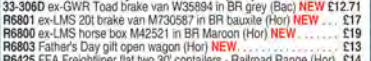
R6798 4-wheel horse box 42231 in LMS maroon (Hor) NEW £19



19-587 45 TTA tank wagon in Avation Fuel green - weathered (Bac) £21.21



4F-051-025 5-plank 'Pwllhel Granite' (Dap) NEW £9.50



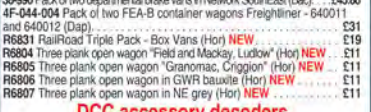
4F-051-026 5-plank 'Pwllhel Granite' - weathered (Dap) NEW £10.50



37-209 8 plank wagon coke rails in BR (Bac) £13.56



R6783 BR 20 Ton Coke Hopper Wagons - Three Wagon Pack (Hor) £46.50



R6773 BR Ferry Van VIX 2380 251.5 in BR Railfreight (Hor) £19



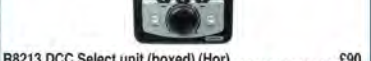
R6797 Breakdown Crane and match wagon BR red - Railroad Range (Hor) NEW £24



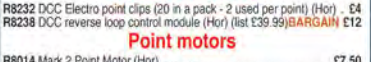
R6367 Coal train pack - pack of 3 open wagons in EWS - Railroad Range (Hor) (list £19.99) BARGAIN £14



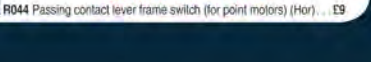
R6724 Drax 102t biomass hopper in Drax 'powering tomorrow' - Produced for Drax power station - Limited to 1000 - Available only from Hatton's (Hor) £83



33-306D ex-GWR Toad brake van W35894 in BR grey (Bac) NEW £12.71



R6801 ex-LMS 20t brake van M730587 in BR bauxite (Hor) NEW £17



R6800 ex-LMS horse box M42521 in BR Maroon (Hor) NEW £19

R6803 Father's Day gift open wagon (Hor) NEW £13

R6825 FFA Freightliner flat bed 3D containers - Railroad Range (Hor) £14

34-347A FMA nuclear flask wagon sloping floor & oval buffers in standard Buff - Flak 43 (Bac) (list £29.95) BARGAIN £24

4F-045-005 IOA Wagon 3170 5992 118-7 (Dap) £19.38

4F-010-004 JAL Falcon Network Rail NLU29239 (Dap) £20

4F-025-004 MJA mineral & aggregates twin bogie box wagon 502055 and 502056 in Freightliner green (Dap) £47

R6791 OTA timber wagon in blue parallel stanchions (Hor) NEW £22

R6792 OTA timber wagon in EWS maroon tapered stanchions (Hor) NEW £22

38-287 Pack of 3 22 ton Prestlios in BR bauxite - weathered (Bac) £66.73

1170 Pack of four 4-wheel A tanks in Nornix-Chipman weekender train (Hel) £75

33-090 Pack of three 5-plank china clay wagons GWR grey flat canvas hoods (Bac) £31.41

36-990 Pack of two departmental brake vans in Network SouthEast (Bac) £45.86

4F-044-004 Pack of two FEAB container wagons Freightliner - 640011 and 640012 (Dap) £31

R6831 Railroad Triple Pack - Box Vans (Hor) NEW £19

R6804 Three plank open wagon 'Tield and Mackay Ludlow' (Hor) NEW £11

R6805 Three plank open wagon 'Gronamack, Crofton' (Hor) NEW £11

R6806 Three plank open wagon in GWR bauxite (Hor) NEW £11

R6807 Three plank open wagon in NE grey (Hor) NEW £11

DCC accessory decoders



R8247 DCC accessory decoder (for points and motors) (Hor) £40

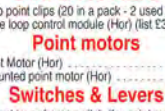


R8214 DCC Elite unit digital controller (Hor) £205



R8213 DCC Select unit (boxed) (Hor) £90

R8235 DCC Select Walkabout additional controller unit (Hor) £63



R8232 DCC Electro point clips (20 in a pack - 2 used per point) (Hor) £4

R8238 DCC reverse loop control module (Hor) (list £39.99) BARGAIN £12

DCC accessories

Point motors

R8014 Mark 2 Point Motor (Hor) £7.50

R8243 Surface Mounted point motor (Hor) £8

Switches & Levers

R044 Passing contact lever frame switch (for point motors) (Hor) £9

Visit

www.hattons.co.uk/preorder

for all forthcoming releases



Lighting equipment

CL2 Standard Coach Lighting Strips - Warm White (Tra) £17

Spare

SL-110 Finescale rail joiners/splatters (for code 70, 75 & 83) for OO & HO gauge - Pack of 24 (Pec) £2
SL-111 Insulated rail joiners/splatters (for OO, HO & O gauge code 100 rails incl. Hornby, Peco & Peco Streamline) - Pack of 12 (Pec) £2
SL-10 Metal rail joiners/splatters (for code 100 rails incl. Hornby, Peco & Peco Streamline) - For OO, HO & O gauge - Pack of 24 (Pec) £2.20
R8100 Pack of 10 Split Spoked wheels (Hor) **NEW** £13

Man-made scenic structure - railway-related

89121 21.5 metre (90ft) Motorised turntable - ready for installation. Upgraded 89111. For HO/OO scales. DCC ready (Hel) £199

LK-55 76ft Well type turntable (Pec) £39

R083 Box of 6 Buffer Stop (Hor) £9.50
R083 Single (Hor) £1.80
R636 Double track level crossing (Hor) £18
R334 Double-track station platform canopy (Hor) £19

R070 Electrically Operated Turntable (Hor) £64
R514 Platform Canopy x2 (Hor) £12
44-0053 Servicing Point (Bac) £49.26
R460 Straight Platform (Hor) £5

Signals

AL-003-003 Signal - motorised, SR ladder home (Dap) £22

Buildings - general

44-004 Diesel fueling point - Scenecraft range (162 x 37 x 56mm) (Bac) £13
44-081 Portable Offices (Bac) £31.41
44-0021 Rural Workers Cottages (Bac) £38.21

Man-made scenic structure - non-railway

44-505 Security fences x 10 - Scenecraft range (Bac) £5

Bridges, Tunnels & Walls

R8008 Grand suspension bridge (Hor) £39

44-225 Low Relief Retaining Walls (168 x 10 x 85mm) (Bac) £14.41
R8744 Straight walls x3 - Skaledale "Gasworks" range (Hor) £11
R8744 Straight walls x3 - Skaledale "Gasworks" range (Hor) £11

Grass, Ground, Lichen, Hedges & Foliage
JCWEED3 Pack of climbing wall weeds - Autumn leaves (Jav) **NEW** £3

People - civil

36-408 12 x Seated Coach Passengers (Bac) £10.16
36-404 1940/50s Station Staff (Bac) £8.46
36-407 1950s Train Crew x 6 (Bac) £6.21
36-047 Locomotive staff x 6 (Bac) £6.21

Track - Code 100 Setrack

ST-245 Setrack curved double radius left handed point insulfrog (Pec) £14
ST-244 Setrack curved double radius right handed point insulfrog (Pec) £14
ST-241 Setrack No.2 radius left handed point insulfrog (Pec) £9
ST-240 Setrack No.2 radius right handed point insulfrog (Pec) £9
ST-204 Setrack Quad Straight (670mm) (Pec) £3.50
ST-204 Box of 24 (Pec) £76

Track - Code 100 Streamline

SL-100 Pack of 25 1 yard (91.5cm) length of Code 100 Wooden-sleeper nickel silver flexible track (Pec) £66
SL-100 Single (Pec) £3

SL-102 Pack of 25 1 yard (91.5cm) length of Nickel Silver concrete-sleeper flexible track (Pec) £70
SL-102 Single (Pec) £3
SL-E99 3 way medium radius point electrofrog (Pec) £26

SL-99 3 way medium radius point insulfrog (Pec) £26
SL-90 Double slip insulfrog (Pec) £32
SL-87 Left hand curved point (Pec) £12.50

SL-E87 Left hand curved point electrofrog (Pec) £12.50

SL-E89 Left hand large point electrofrog (Pec) £12
SL-89 Left hand large point insulfrog (Pec) £10
SL-96 Left hand medium point (Pec) £10

SL-E95 Left hand medium point electrofrog (Pec) £10
SL-92 Left hand small point (Pec) £9.50

SL-E92 Left hand small point electrofrog (Pec) £9.50
SL-86 Right hand curved point (Pec) £12.50
SL-E86 Right hand curved point electrofrog (Pec) £12.50

SL-E88 Right hand large point electrofrog (Pec) £12
SL-88 Right hand large point insulfrog (Pec) £10
SL-95 Right hand medium point (Pec) £10

SL-E95 Right hand medium point electrofrog (Pec) £10
SL-91 Right hand small point (Pec) £9.50
SL-E91 Right hand small point electrofrog (Pec) £9.50

Track - Code 75 Finescale

SL-108F 1 yard (91.5cm) length of Code 75 Wooden-sleeper nickel silver bullhead rail flexible track (Pec) £4.50
SL-108F Box of 25 (Pec) £100

SL-100F Pack of 25 1 yard (91.5cm) length of Nickel Silver Finescale flexible track (Pec) £72
SL-100F Single (Pec) £3

SL-E199 3 way finescale medium radius point electrofrog (Pec) £28
SL-E1096 Code 75 Medium Radius Concrete sleeper turnout L/H (Pec) £12.50

SL-E190 Finescale double slip electrofrog (code 75 Rail) (Pec) £37
SL-E187 Finescale left hand curved point electrofrog (Pec) £13
SL-E189 Finescale left hand large point electrofrog (Pec) £12.50
SL-E196 Finescale left hand medium point electrofrog (Pec) £11.50

SL-E192 Finescale left hand small point electrofrog (Pec) £10
SL-E186 Finescale right hand curved point electrofrog (Pec) £13

SL-E188 Finescale right hand large point electrofrog (Pec) £12.50
SL-E195 Finescale right hand medium point electrofrog (Pec) £11.50
SL-E191 Finescale right hand small point electrofrog (Pec) £10
SL-114 Pack of 24 finescale rail joiners for Peco SL-108F bullhead track (Pec) **NEW** £5

Track & Points

R8090 1 single yard length of Semi-Flexible Track (Hor) £3.50
R8090 Pack of 24 (Hor) £79
R605 1st radius double curve (8 make a circle) (Hor) £15
R605 Circle of 8 (Hor) £15
R607 2nd radius double curve track (8 make a circle) (Hor) £2.25
R607 Circle of 8 (Hor) £18
R609 3rd radius double curve track (8 make a circle) (Hor) £2.60
R609 Circle of 8 (Hor) £20
ST-2035 4th radius Standard Curve Track (ST-205 x 8) (Pec) £3
R602 Double 4th radius curve (8 make a circle) (Hor) £2.10
R601 Box of 24 (Hor) £47
R601 Double Straight (Hor) £22.50
R6222 Extension Pack B. Contains 1 x R6073, 2 x R600, 4 x R607, 1 x R605, 1 x R603 (Hor) £24
R6223 Extension Pack C. Contains 1 x R6073, 2 x R600, 4 x R607, 1 x R605 (Hor) £22.50
R6224 Extension Pack D. 1 x R6072, 3 x R605, 1 x R608, 1 x R636, 1 x R603 (Hor) £36
R6074 Left hand curved point (Hor) £14
R6077 Left hand Express point (Hor) £14.50
R6072 Left hand Standard Point (Hor) £9
R6-872 Left-hand non-isolating standard point (Bac) £7.52
R603 Long Straight (Hor) £3
R6-603 Long straight track nickel silver (same as R603) (Bac) £2.76
R6-603 Box of 10 (Bac) (list £34) **BARGAIN** £24.80
R6075 Right hand curved point (Hor) £14
R6078 Right hand Express point (Hor) £14.50
R6073 Right hand Standard Point (Hor) £9
R6-873 Right-hand non-isolating standard point (Bac) £7.52
ST-101 Setrack Starter Track Set - Third Radius (Pec) £57
R610 Short Straight (Hor) £10
R621 Single 970mm length of flexible track (Hor) £3
R621 Pack of 24 (Hor) £66
R600 Standard Straight (Hor) £1.35
R600 Box of 24 (Hor) £31

Track underlay

GM200 5 metres of realistic grey ballasted OO gauge underlay (Gau) £19.50
SL-50 Roll of foam track underlay sleeper indentation. Suitable for Setrack and Streamline 5m long (16' 4") (Pec) £9.50
R638 Roll of track foam underlay Approx. 4880mm (16ft) (Hor) £9

Railway publications

36-2017 Bachmann Branchline 2017 Catalogue (Bac) £6.80

Buses

76MW6001 Bristol MW6G Royal Blue (Oxf) £16
NEW
12122 Harrington Cavalier 'Southdown' (EFE) **NEW** £29.33
12311 Harrington Grenadier 'Maidstone and District' - 'Er, Boumemouth' (EFE) £29.71

Commercial vehicles

DB09 Commer QX low loader 'Pickfords' - packing case load (Bac) **NEW** £12
76FT006 Ford Transit high top LWB van in plain white (Oxf) £4.50
76FB001 Fowler BB1 16hp Ploughing Engine No.15145 Rusty Dorset (Oxf) £14.50
DB10 Guy Warriner articulated lorry 'Wynns Heavy Haulage' (Bac) **NEW** £30
76MB003 Mercedes Actros GSC Flatbed Trailer J.R. Adams (Oxf) £21.50
76SHL01ST Scania Highline Noteboom 3 Axis Semi Low Loader Stobart Rail (Oxf) £21.50
76SHP002 Sherpa Minibus British Rail (Oxf) £5.50

Military ground vehicles

76DT002 Diamond T960 Tank Transporter 1st Canadian Army - Italy 1943 (Oxf) £21.50
76TA003 TACR2 RAF Pink Panther (Oxf) £9

N Gauge

Steam locos

372-311 Class 21C1 Merchant Navy 4-6-2 35023 'Holland-Afrika Line' BR green early emblem (Gra) £135.96
372-310 Class 21C1 Merchant Navy 4-6-2 35024 'East Asiatic Company' BR blue early emblem (Gra) £135.96

372-312 Class 21C1 Merchant Navy 4-6-2 35028 'Clan Line' BR green late crest (Gra) £135.96

372-031 Class 4073 Castle 4-6-0 5041 'Tiverton Castle' in BR green early emblem (Gra) **NEW** £118.96
25-007-010D Class 57xx Pannier 0-6-0 5700 in GWR green shunt pattern emblem - DCC Fitted (Dap) £82

371-987 Class 64xx 0-6-0 Pannier Tank 6412 in BR Lined Green late crest (Gra) £80.71

371-986 Class 64xx 0-6-0 Pannier Tank 6417 in BR Black early emblem (Gra) £80.71
25-001-004D Class 7800 Manor 4-6-0 7821 'Dilcheal Manor' in BR Mixed Traffic Black Early Crest. DCC Fitted (Dap) £119

372-800B Class A1 4-6-2 60163 'Tornado' in BR Express blue (as preserved) (Gra) £135.96

372-388 Class A2 4-6-2 60532 'Blue Peter' BR lined green late crest (Gra) £135.96
25-011-003 Class A3 4-6-2 60103 'Flying Scotsman' BR blue early emblem (Dap) £124.38
25-011-008 Class A3 4-6-2 60103 'Flying Scotsman' BR green late crest (Dap) £124.38
25-011-008D Class A3 4-6-2 60103 'Flying Scotsman' in BR green late crest - DCC fitted (Dap) £146.12

372-079 Class B1 4-6-0 1040 'Roedeer' in LNER lined black (Gra) £110.46

372-401 Class J39 0-6-0T 64960 in BR black early emblem & flat sided tender (Gra) £80.71

25-016-004 Class M7 0-4-4 30 Southern Railway green - weathered (Dap) £57
25-002-002D Class V Schools 4-4-0 30921 'Shrewsbury' in BR Black early emblem - DCC fitted (Dap) £142.50

Train packs

370-430 'Capital Connection' Network SouthEast train pack (Gra) £178.46
25-011-001D Class A1 4-6-2 4472 'Flying Scotsman' in LNER apple green four Gresley leak coaches - DCC and light bars fitted (Dap) £220.64

25-011-005 Class A3 4-6-2 4472 'Flying Scotsman' in LNER apple green (as preserved) four Gresley leak coaches in maroon - light bar fitted (Dap) £198.90
25-011-004 Class A1 4-6-2 60103 'Flying Scotsman' in BR green early emblem four Gresley leak coaches in crimson & cream liver (Dap) £198.90

370-400 Longmoor Military Railway Train Pack WD Austery 2-8-0 No.400 'Sir Guy Williams' & 3 x Mk1 suburban brake end coaches in LMR blue (Gra) £118.96

Diesel locos

372-980 Class 24 97201 'Experiment' in BR Research RTC red & blue - weathered (Gra) **NEW** £110.46
20-013-000D Class 27 diesel loco 27108 in BR blue. DCC Fitted (Dap) £110
20-013-001D Class 27 diesel loco D5401 in BR green small yellow panels. DCC Fitted (Dap) £110
20-001-001 Class 330 D6571 in BR green no yellow panel (Dap) £106.82
20-018-004D Class 35 Hymek D7024 BR green - weathered. DCC Fitted (Dap) £103
371-166 Class 374 37406 'The Salfire Society' Railfreight Distribution (Gra) £99.21
371-168 Class 37/5 37506 Railfreight Red Stripe Livery (Gra) £89.21
371-287 Class 55 Deltic 55005 'The Prince of Wales' Own Regiment of Yorkshire' in BR Blue (Gra) £93.46
371-286 Class 55 Deltic D9002 'The King's Own Yorkshire Light Infantry' in BR Green Half Yellow Ends (Gra) £93.46
20-007-002D Class 66 diesel loco 66504 in Freightliner powerhaul green. DCC Fitted (Dap) £95
371-396 Class 69 66731 'InterhubGB' in BR Livery (Gra) £89.21
371-636 Class 70 PowerHaul 70003 Freightliner (Gra) (list £119.95) **BARGAIN** £82.50

371-635 Class 70 PowerHaul 70006 Freightliner (Gra) (list £119.95) **BARGAIN** £82.50

DMUs

371-504 Class 101 2-car DMU in BR green small yellow panel (Gra) £144.46

371-876DS Class 108 2 Car DMU in BR blue - DCC sound fitted (Gra) £229.46

371-702 Class 350D1 Desiro 4 Car EMU 350 101 in London Midland (Gra) (list £169.95) **BARGAIN** £99
371-701 Class 350D2 Desiro 4-car EMU 350 238 in London Midland (Gra) (list £169.95) **BARGAIN** £140

Train sets - analogue

370-130 'The Night Mail' train set Class 47 and Mk1 post coaches (Gra) £169.96

Coaches

374-044 BR Mark 1 BG in Royal Mail Letters (Gra) £25.46

374-193 BR Mark 1 BSK in Network SouthEast (Gra) **NEW** £25.46
374-194 BR Mark 1 BSK in Regional Railways (Gra) **NEW** £25.46

374-166 BR Mark 1 FK in Network SouthEast (Gra) £25.46
374-167 BR Mark 1 FK in Regional Railways (Gra) £25.46
374-053G BR Mk1 SK Second Corridor E24945 in BR Maroon (Gra) £25.46
374-991 Bullied 3 Coach Set BR (SH) Green (Gra) £76.46
374-610 Hawksworth Auto Trailer in BR crimson and cream (Gra) £29.71
374-611 Hawksworth Auto-Trailer in BR maroon (Gra) £29.71

Want it DCC fitted?

www.hattons.co.uk/dccfitting

for more details

374-043 Mk1 BG full brake Laboratory 23 in HVC (Railway Technical Centre) - weathered (Gra) £28.01



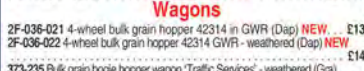
374-195 Mk1 BSK brake second corridor Laboratory 12 in RTC (Railway Technical Centre) - weathered (Gra) NEW £28.01



374-016 Mk1 SO second open in Network SouthEast (Gra) £25.46



374-017 Mk1 TSO second open in Regional Railways (Gra) £25.46



Wagons

2F-036-021 4-wheel bulk grain hopper 42314 in GWR (Dap) NEW £13

2F-036-022 4-wheel bulk grain hopper 42314 GWR - weathered (Dap) NEW £14

373-235 Bulk grain bogie hopper wagon 'Traffic Services' - weathered (Gra) £36.51

377-701A UA Mark 2 auto ballast non generator unit flat profile in Railtrack - weathered (Gra) £39.06

Spares

SL-311 Insulated Rail Joiners/Fishplates for N & OO9 gauge (12 per pack) (Pec) £1.75

2A-000-011 Magnetic couplings - short arm - 5 pairs (Dap) £1.50

SL-310 Rail Joiners/Fishplates for N & OO9 gauge (24 per pack) (Pec) £2

Buildings - general

PN926 Parish church - card kit (Met) NEW £10

Bridges, Tunnels & Walls

PN140 Four arch double track viaduct in red brick - card kit (Met) NEW £11

Track - Code 80 Setrack

ST-11 Double straight track (Pec) £1.50

ST-19 N Setrack No. 4 radius double curve (Pec) £2.50

ST-17 N Setrack No.3 radius double curve (8 form a circle) £2

298.5mm/11.75" radius (Pec) £1.50

ST-12 No.1 radius double curve (Pec) £1.50

ST-15 No.2 radius double curve (Pec) £1.50

ST-4 Setrack left hand point insulfrog (Pec) £8.50

ST-5 Setrack right hand point insulfrog (Pec) £8.50

ST-300 Starter Track Set (Pec) £46

Track - Code 80 Streamline



SL-300 Pack of 25 1 yard (91.5cm) length of Wooden-Sleeper Nickel Silver Flexible track (Pec) £64

SL-300 Single (Pec) £3

SL-E396 Left hand medium point electrofrog (Pec) £19

SL-396 Left hand medium point insulfrog (Pec) £9.50



SL-E395 Right hand medium point electrofrog (Pec) £9



SL-395 Right hand medium point insulfrog (Pec) £9.50

Track - Code 55 Finescale



SL-300F Pack of 30 1 yard (91.5cm) length of Finescale Nickel Silver flexible Wooden Sleeper track (Pec) £84

SL-300F Single (Pec) £3

SL-E397F Finescale curved double radius left hand point electrofrog (Pec) £11

SL-E398F Finescale curved double radius right hand point electrofrog (Pec) £11



SL-E399F 3-way finescale turnout (Pec) £28

SL-E397F Finescale curved double radius left hand point electrofrog (Pec) £11

SL-E398F Finescale curved double radius right hand point electrofrog (Pec) £11



SL-E390F Finescale double slip electrofrog (Pec) £35

SL-E389F Finescale left hand large point electrofrog (Pec) £11



SL-E392F Finescale left hand small point electrofrog (Pec) £9

SL-E388F Finescale right hand large point electrofrog (Pec) £11



SL-E395F Finescale right hand medium point electrofrog (Pec) £10

SL-E391F Finescale right hand small point electrofrog (Pec) £8

Commercial vehicles



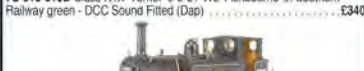
NSHL01ST Scania Highline Nootboom 3 axle Semi Low Loader Stobart Rail (Oxf) £11.50

O Gauge (1:43 Scale)

Steam locos

7S-010-010 Class A1X Terrier 0-6-0T W9 'Fishbourne' in Southern Railway green (Dap) £191.25

7S-010-010D Class A1X Terrier 0-6-0T W9 'Fishbourne' in Southern Railway green - DCC Sound Fitted (Dap) £340



7S-010-011 Class A1X Terrier 0-6-0T 32636 in BR black late crest (Dap) £191.25



Diesel locos

7D-008-000 Class 08 shunter D3043 in BR green late crest and no yellow warning panels (Dap) £199.95



2553 Class 25/1 in BR blue (unnumbered) (Hel) £470

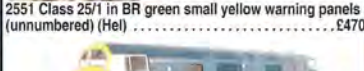
2552 Class 25/1 in BR Green full yellow ends (unnumbered) (Hel) £470



2551 Class 25/1 in BR green small yellow warning panels (unnumbered) (Hel) £470



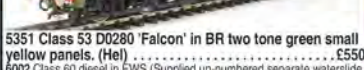
2551 Class 25/1 in BR green small yellow warning panels (unnumbered) (Hel) £470



4205 Class 42 Warship 829 'Magpie' in BR blue (Hel) £550



4201 Class 42 Warship D827 'Kelly' in BR green small yellow panels (Hel) £550



5351 Class 53 D0280 'Falcon' in BR two tone green small yellow panels. (Hel) £550

6002 Class 60 diesel in EWS (Supplied un-numbered separate waterline numbers, sector emblems and, a selection of nameplates.) (Hel) £499

4950 Mk1 BG full brake in carmine and cream (Hel) £250

4990 Mk1 GUV full brake in Parcels red (Hel) £250



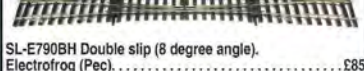
1003 33xx class B tank in Regent black (Hel) £83

4377 BR Green DB93608 - Dogfish (Hel) £79

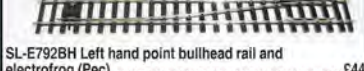


SL-700BH Box of 12 1 Yard O Gauge Flexible Nickel Silver Track (Bullhead Nickel Silver Rail) (Pec) £75

SL-700BH Single (Pec) £6.50



SL-E790BH Double slip (8 degree angle). Electrofrog (Pec) £85



SL-E792BH Left hand point bullhead rail and electrofrog (Pec) £44



SL-E791BH Right hand point bullhead rail and electrofrog (Pec) £41

ST-725 Setrack Bullhead 2nd radius standard curve 410mm (16") radius 1020mm (40.5"). 16 make a circle (Pec) £6

Cars

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G Scale

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Train sets - analogue

90068 Thomas Annie & Clarabel train set (loco moving eyes & Steel Track) Thomas the Tank range (Bac) £249

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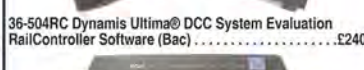
BPDC28 OMNI 6 Pin Decoder Harness (5 Pack) (Gau) £92

BPDC29 OMNI 8 Pin Direct Plug Decoder (5 Pack) (Gau) £88

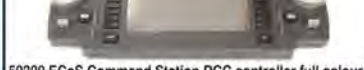
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36-504RC Dynamis Ultima DCC System Evaluation RailController Software (Bac) £240



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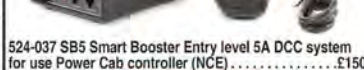


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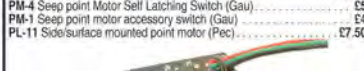
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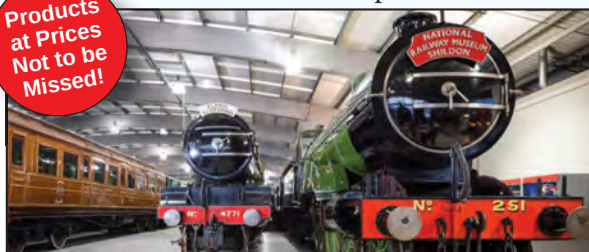
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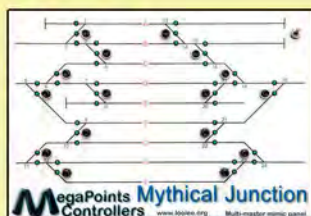
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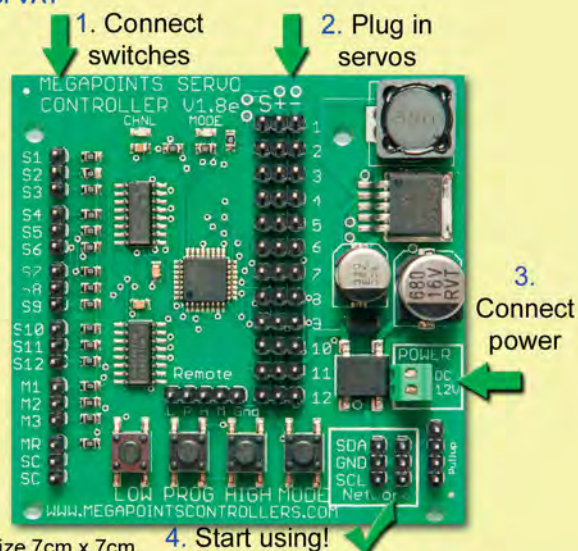


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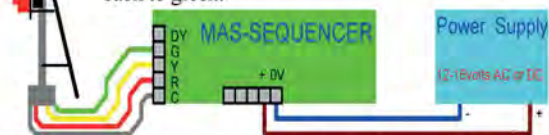
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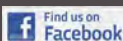
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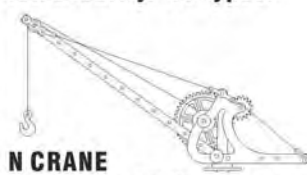


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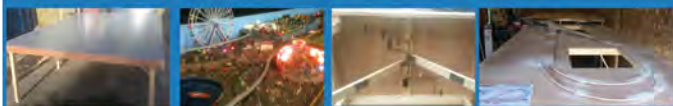
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Sale of 500 Lots includes to date: Nameplate Farnborough Hall (4927); Smokebox Numberplates 4927 (Farnborough Hall), 61385; Cabsides inc 7827 (Lytham Manor carried in preserved years), 3088 (SAR); Worksplates inc LMS Built Derby, LMS Built Derby 1945, LMS Crewe 1947, Built Derby 1953, BR Crewe 1959 (24054), BRCW DEL 118 1960 (Cab Worksplate 33017), Brush Traction 289 1961 (31260), Brush Sulzer 446 1963 (47097), Brush Sulzer 686 1965 (47810), BREL Doncaster Works 1978 (56045), GM Loco Group 968702 (66121); Engraved Worksplate 61385 1951; LNER 9"x5" Tenderplate Darlington 8869 1923; Totems BR(S) Brighton, Guildford, Leigh Halt, Lower Sydenham, Pettswood, West Dulwich, BR(E) Harringay West, Stratford, BR(SC) Bellshill; Targets SR Reedham, Worthing Central, East Worthing; LT 'Bullseye' Bronze Framed Station Sign Baker Street; Enamel Station Name Southern Railway Portchester; Clocks L&NWR 12" 1364, SR 10718 (ex Southampton Central), SE&CR Ships Clock; Shedplates inc 14A, 21D, 50B, 52A, 55H, 70B, 72A, 71B, 81D, 83D, 86F; Depot Plaque Toton (small pattern ex 58032); Signalbox Boards BR(S) Bramley (enamel), LB&SCR West Croydon South (metal/wood); Signalbox Diagrams inc BR(S) Sidmouth Junction (1961); Handlamps inc L&NER Frodingham, GNR, MR, L&SWR, GCR; Enamel inc Doorplates BR(S), BR(W) (inc signalbox), LT, LT Station Frieze Panels (inc Charing Cross); Other Items 'O' Gauge Electric GWR 0-4-2T, 2-6-2 Prairie Tank, LMS 0-4-4T, LNER A4 4-6-2 17 Silver Fox, LNER A3 4472 Flying Scotsman (twin tenders), Lima Classes 4F, 33 (x2), 35, Good Selection of Rolling Stock; Shipping Items inc HMS Warspite/Fearless Wooden Honours Board Headers, HMS Hood and HMS Rodney Items; Memorial Ships Bell; L&SWR Signalbox Doorplate; SR/BR(S) Merchant Navy/Battle of Britain Class Naming Brochures; Bus Items; Posters inc BR(S) Bon Voyage To The Continent; Carriage Prints; Silverplate; Photos; Negatives; Slides; Advertising Enamels etc. **Please Note: No Buyer's Premium on any single item realising £5000 + or as annotated in the auction catalogue.**

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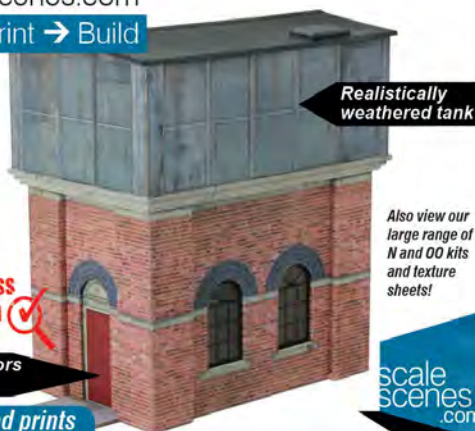
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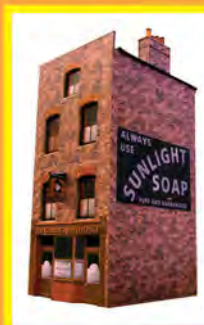


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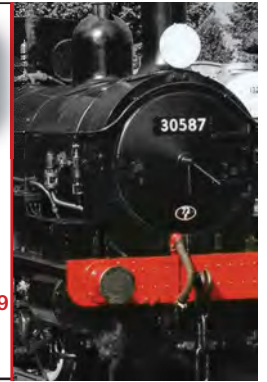
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TRAIN & TOY COLLECTORS FAIR - Merseyside Hobbies and Model Railway Show Saturday 10th June 2017 10.30am - 3.30pm PLEASE NOTE NEW VENUE. Hulme Hall, Port Sunlight, Wirral, CH62 5DH Admission Adults £4.50 Children £1.00. Contact: Barry Stockton on 0151-334 3362

CHESTER TOYFAIR, The Cheshire County Sports Club, Plas Newton Lane, Upton, Chester CH2 1PR. Saturday 3rd June 10.30am-2.30pm, £2.00 entry, Tony Oakes Fairs 01270 652773

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Future Date: Sunday 1st October, 2017

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SANDOWN PARK TOY & TRAIN COLLECTORS FAIR Europe's No1 Toy Collectors Fair Sandown Exhibition Centre, Sandown Park Racecourse, Portsmouth Rd, Esher, Surrey, KT10 9AJ Saturday 27th May 2017 10.30am-3pm Adults £6 Seniors £5.50 Children £2 (under 5s free) FREE PARKING www.bpfairs.com Tel 01604846688

STAFFORD SHOWGROUND TOY & TRAIN COLLECTORS FAIR The Prestwood and Argyle Centres, Stafford Showground, Weston Road, Stafford ST18 0BD Sunday 18th June 2017 10.30am-3pm 280 stalls Adults £3.50 Seniors £3 Children £1 (under 5s Free) Free parking www.bpfairs.com Tel: 01604 846688

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Diary updated as bookings are confirmed

EXHIBITIONS & SHOWS IN 2017

May 14 - STAFFORD G Rail 2017 G-Scale Society Show, Stafford County Showground, Weston Rd, Stafford, **ST18 0BD**. Plenty of FREE Parking. Sun 10-5. Features Normal Squires Stand for all Scales

May 20/21 - MIDDLESBOROUGH Model Rail Exhibition, Settlement Community Centre, Union Street, Middlesbrough, TS1 5NQ. Sat/Sun 10 - 5

June 3 - DONCASTER Gauge 'O' Guild Summer Show, The Dome Leisure Centre, Doncaster Lakeside, Bawtry Road, Doncaster, South Yorkshire, **DN4 7PD**. Sat 10 - 4.00. Interested in Model Boats?? See us at Doncaster Model Boat Show - a short walk from Guild Show!!

June 3/4 - DONCASTER NORTHERN MODEL BOAT SHOW Doncaster Deaf Trust, Leger Way, Doncaster. DN2 6AY. Sat 10-5/Sun 10-4. Free Parking - Camping on Site (Chargeable) & Restaurant. Interested in "O" Gauge Model Railways?? See us at Doncaster Gauge "O" Trade Show and Exhibition (Saturday only) - a short walk from Model Boat Show!!

June 3/4 - SHILDON, Model Railway Exhibition, Locomotion Museum, Shildon **DL4 1PQ** Sat/Sun 10 - 5pm. *Free Car Parking & Free Entry to Museum & Exhibition - Yes that's Free Entry!!*:-)

June 10/11 - GLASGOW 'O' Gauge Model Railway Ex, Pollokshaws Burgh Hall, Pollokshaws Road, Glasgow, G43 1NE. Sat 10-4, Sun 11-4. *Free Parking, Close to Railway Stations*

June 24/25 - PERTH Model Railway Exhib, Dewars Ice Rink, Perth, PH2 0TH Sat 10-5.30, Sun 10-5

July 1/2 - GUILDFORD 50th Model Steam Rally & Exhibition, Guildford Model Engineering Society, Stoke Park, London Road, Guildford, Surrey, GU1 1TU Sat 10 - 6pm Sun 10 - 5pm.

July 9 - CARN BREA West Cornwall Model Railway Group's, Model Railway Exhibition, Carn Brea Leisure Centre, Station Road, Pool, Redruth, Cornwall. TR15 3QS, Saturday 10-4.30

July 29/30 - North Shields RAILEX NORTH EAST, John Spence Community High School, Preston Rd, North Shields. Tyne & Wear. NE29 9PU Saturday 10 - 5, Sunday 10 - 4.30.

Aug 5/6 - SOUTHWOLD Waveney Valley Model Railway Exhibition, Saint Felix School Southwold, IP18 6SD Sat 10 - 5pm Sun 10-4.30pm. **Plenty of FREE Parking.**

Aug 12 - BEXHILL Model Railway Exhibition, St. Richards Catholic College, Ashdown Road, Bexhill-on-Sea, East Sussex, TN40 1SE Sat 10-5. Plenty of FREE Parking on site.

Aug 12/13 - SKIPTON M/Railway Exh, Skipton Academy (Formerly Aireville School) Gargrave Rd, Skipton, BD23 1UQ, Sat 10-5, Sun 10-4. www.skiptonrailshow.org.uk

Sept 2/3 - TELFORD GUILDEX 2017, O Gauge Exhibition & Trade Show, The Telford Exhibition Centre, St. Quentin Gate, Telford, TF3 4JH, Sat 10-5, Sun 10-4.

Sept 16/17 - AYR Model Railway Exhibition The Citadel Leisure Centre, Ayr. KA7 1JB. *Modern Venue with easy access & FREE car parking.* Sat 10-5/Sun 10-4

Sept 23/24 - HALIFAX M/Rail Exh, North Bridge Leisure Centre, Halifax, HX1 1XH. Sat/Sun 10 - 5.

Sept 23/24 - WORTHING Model Railway Exhibition, Durrington High School, The Boulevard, Durrington, Worthing, West Sussex. BN13 1LA Sat 10-5, Sun 10-4 *Plenty of FREE Parking*

Oct 7/8 - SHILDON, Model Railway Exhibition, Locomotion Museum, Shildon DL4 1PQ Sat/Sun 10 - 5pm. *Free Car Parking and Free Entry to Museum and Exhibition - Yes that's Free Entry!!!!!!*:-)

Oct 7/8 - FAREHAM Fareham & District Model Railway Exhibition, Fareham Leisure Centre, Park Lane, Fareham, Hampshire, PO16 7JU. Saturday 10-5.30, Sunday 10.00 - 16.30.

Oct 7/8 - FOLKESTONE Folkestone, Hythe & District M/Railway Exh, The Leas Cliff Hall, Folkestone, Kent. CT20 2DZ. Sat 10-5.30, Sun 10-5.

Oct 14/15 - ALDERSHOT Farnham Model Railway Club Exhibition, Connaught Leisure Centre, Tongham Road, Aldershot, Hants. GU12 4AS. Sat 10-5, Sun 10 - 4.30

Oct 21 - CHICHESTER M/Rail Ex, Boy's H/Sch, Kingsham Rd, Chichester, W.Sussex. PO19 8AE. 10-5.

Oct 28/29 - STOCKPORT Hazel Grove & District Model Railway Society Exhibition, Hazel Grove Recreation Centre, Jacksons Lane, Hazel Grove, Stockport, Cheshire, SK7 5JX Sat 10 - 5, Sun 10-4.

Oct 28/29 - LEEDS The Leeds Model Railway Society, Model Railway Exhibition, The Grammar School, Alwoodley Gates, Harrogate Road, Leeds, LS17 8GS Sat 10-5, Sun 10-4.30

Oct 28/29 - ABERDEEN Model Railway Exhibition, Hallmark Hotel, Aberdeen Airport, Aberdeen, AB21 7DW Sat 10-5/Sun 10-4. **New Venue - www.facebook.com/AberdeenModelRailwayclub **

Nov 4/5 - ANGMERING W.Sussex Area Group N Gauge Society Model Railway Exh, The Angmering School, Greenwood Drive, Station Rd, Angmering, BN16 4HH, Sat 10-5 Sun 10-4 *Now 2 Day Show

Nov 11/12 - SPALDING Model Railway Exhibition, Springfields Event Centre, Camelgate, Spalding, PE12 6ET, Sat 10-5/Sun 9.30-4.30.

Nov 11/12 - TELFORD IPMS SCALE MODEL WORLD 2017 The Telford Exhibition Centre, St. Quentin Gate, Telford, TF3 4JH, Sat 10 - 6, Sun 10 - 4.00. Free Entry for IPMS Members

Nov 18/19 - WORKINGTON Model Rail Show, University of Cumbria, Energen Building, Blackwood Rd, Lillyhall Estate, Workington, Cumbria, CA14 4JW. Sat 10 - 5, Sun 10 - 4.

Nov 25/26 - BIRMINGHAM Warley National Model Railway Exhibition Hall 5, NEC Birmingham 40 1NT. Sat 9.45-6pm, Sun 9.45-5pm. **50th Exhibition** Advance Ticket Holders gain entry 9.15am both days.

EXHIBITIONS & SHOWS IN 2018

Jan 21 GUILDFORD - Astolat Model Railway Exhibition, The Surrey Sports Park, University of Surrey, Richard Meyjes Road, Guildford, Surrey, GU2 7AD. Sunday 10-5. www.astolatmrc.co.uk

Jan 27/28 KENDAL Model Railway Exhibition Leisure Centre, Burton Rd, Kendal, LA9 7HX Sat/Sun 10-5

Feb 3/4 ALTON - FebEx 2018 Alton Model Railway Group Exhibition Eggars School, Anstey Road, Alton, Hants, GU34 4EQ. Saturday 10.30 - 5. Sunday 10.30 - 4.00.

Feb 23-25 GLASGOW Model Rail Scotland Scottish Exhibition Centre, Glasgow, G3 8YW. Friday 10.30 - 6, Saturday 9.30 - 6, Sunday 9.30 - 5. www.modelrail-scotland.co.uk

Mar 3/4 - PRESTON Preston & District Model Railway Exhibition, Sports Hall, Preston College, St Vincents Road, Fullwood, Preston, Lancashire, PR2 8UR. Sat/Sun 10 - 5pm.

Mar 10/11 - KEIGHLEY Model Railway Exhibition, University Academy Keighley (UAK), Green Head Road, Utley, Keighley, BD20 6EB. Sat/Sun 10-5.

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7S-024-004/D/S - Class 64xx Pannier 6439 BR Late Crest Lined Green/DCC/Sound
7S-025-001/D/S - Class 74xx Pannier 7411 GWR Green/DCC/Sound
7S-025-002/D/S - Class 74xx Pannier 7444 BR Black Late Crest/DCC/Sound



- 7P-004-001 - Autocoach GWR Crest Chocolate & Cream
7P-004-002 - Autocoach GWR Twin Cities Crest Chocolate & Cream
7P-004-003 - Autocoach GWR Shirtbutton Chocolate & Cream
7P-004-004 - Autocoach GWR No Insignia Chocolate & Cream
7P-004-005 - Autocoach BR Crimson

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2D-018-008/D - Hymek D7043 Two Tone Green SWP BR Late Crest/DCC



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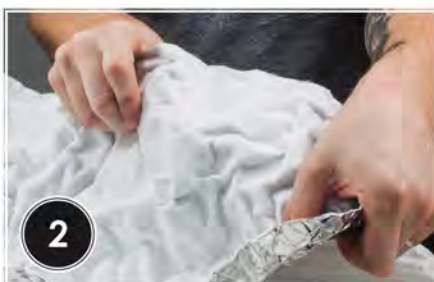
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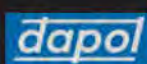
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OO Gauge (1:76 Scale)

Steam locos



J9405 Austerity 0-6-0ST "Hurricane" in NCB Bickershaw Colliery lined green - lightly weathered - Ltd Ed of 200 (DJ) £99



J9404 Austerity 0-6-0ST 1763 in NCB Peckfield Colliery lined maroon chevrons - very heavily weathered - Ltd Ed of 200 (DJ) £99



J9402 Austerity 0-6-0ST 71515 in Mech Navvies maroon - Ltd Ed of 200 (DJ) £99
J9410 Austerity 0-6-0ST No 15 in Wemyss Private Railway lined brown - Ltd Ed of 200 (DJ) £99



J9409 Austerity 0-6-0ST No 7 in NCB Littleton Colliery lined blue - lightly weathered - Ltd Ed of 200 (DJ) £99
OOJ94-SP1 Austerity 0-6-0ST No. 65 NCB yellow - Ltd Ed for RMweb (DJ) **NEW** £99
GV2018 Barclay 0-6-0T "Ajax" in lined black (Gol) £54



R3292 Class 0F Pug 0-4-0ST 56011 in BR black - Hornby 2014 Collectors Club special edition (Hor) £26



31-933 Class 1000 Midland Compound 4-4-0 41157 in BR lined black late crest (Bac) (list £139.95) **BARGAIN** £79



1300 Class 1361 0-6-0ST 1361 in GWR photographic grey - Limited edition of 250 (Hel) £124



1304 Class 1361 0-6-0ST 1363 in BR black late crest (Hel) £124



1301 Class 1361 0-6-0ST 1363 in GWR green shirtbutton emblem (Hel) £124



1302 Class 1361 0-6-0ST 1364 in GWR green (Hel) £124



1303 Class 1361 0-6-0ST 1365 in BR black early emblem (Hel) £124



1320 Class 1366 0-6-0PT 1366 in GWR green shirtbutton (Hel) £124



1323 Class 1366 0-6-0PT 1367 in BR black early emblem (Hel) £124



1324 Class 1366 0-6-0PT 1368 in BR black late crest (Hel) £124



1321 Class 1366 0-6-0PT 1369 in Great Western green - as preserved (Hel) £124



1322 Class 1366 0-6-0PT 1370 in GWR green (Hel) .. £124



H1416 Class 14xx 0-4-2T 1409 in BR Unlined green late crest (DJ) £99



H1409 Class 14xx 0-4-2T 1470 in BR Lined black early emblem (DJ) £99

31-434 Class 1F 'Half Cab' 0-6-0T 41803 BRITISH RAILWAYS black (Bac) £81.56
31-433 Class 1F 'Half Cab' 0-6-0T 1739 LMS black (Bac) £81.56
31-435 Class 1F 0-6-0T 41726 BR black early emblem (Bac) £81.56



31-440 Class 2MT Ivatt 2-6-2T 41243 in BR lined black early emblem (Bac) £110.46



R3459TTS Class 2P Fowler 4-4-0 40626 in BR Black early emblem - TTS sound fitted (Hor) (list £154.99) **BARGAIN** £105



31-127 Class 30xx 2-8-0 ROD 3023 in BR black early emblem (Bac) (list £129.95) **BARGAIN** £80



31-728 Class 3700 City 4-4-0 3708 'Killarney' in Great Western green (Bac) £118.96



R3277 Class 38xx 4-4-0 "County Of Devon" in Great Western Railway green - Railroad range (Hor) (list £89.99) **BARGAIN** £60



32-227B Class 3F Fowler Jinty 0-6-0 tank 7341 in LMS black (Bac) £72.21



R3498 Class 3F Jinty 0-6-0T 19 in S&DJR Blue - Railroad Range (Hor) (list £44.99) **BARGAIN** £25

See our entire Bachmann Branchline range at hattons.co.uk/bachmann

NEW



R3455 Class 4000 'Star' 4-6-0 4013 'Knight of St Patrick' in GWR Green (Hor) **NEW** £127



R3334 Class 415 Adams Radial 4-4-2T 30582 in BR black late crest (Hor) (list £119.99) ... **BARGAIN** £82



R3333 Class 415 Adams Radial 4-4-2T 30584 in BR black early emblem (Hor) (list £119.99) **BARGAIN** £82



R3422 Class 415 Adams Radial 4-4-2T 3125 in Southern Railway wartime black (Hor) £119



OR76AR006 Class 415 Adams Radial 4-4-2T 3520 in Southern Railway green (Oxf) £88



R3462 Class 42xx 2-8-0 4287 in BR Black early emblem (Hor) (list £139.99) **BARGAIN** £83



32-131 Class 45xx 2-6-2 Prairie tank 4539 in Great Western green (Bac) £84.96
R3170 Class 49xx 4-6-0 4901 'Adderley Hall' GWR Green - Railroad range (Hor) £67



R3499 Class 49xx 4-6-0 6947 'Helmingsham Hall' in BR Green late crest - Railroad Range (Hor) (list £94.99) **BARGAIN** £57



R3313 Class 4F 0-6-0 4323 in LMS Black (Hor) (list £99.99) **BARGAIN** £58



R3460TTS Class 4F 0-6-0 44198 in BR Black late crest - TTS sound fitted (Hor) (list £139.99) **BARGAIN** £100



R3314 Class 4F 0-6-0 44341 in BR Black early crest (Hor) (list £99.99) **BARGAIN** £58



31-884 Class 4F Midland 0-6-0 44044 in BR black late crest - weathered (Bac) £106.21



32-881 Class 4MT Fairburn 2-6-4 tank 42105 BR lined black early emblem - weathered. (Bac) £110.46



32-575A Class 4MT Ivatt 2-6-0 3000 in LMS black (Bac) £114.71



32-580A Class 4MT Ivatt 2-6-0 43014 in BR black late crest - weathered (Bac) £127.46



R3276 Class 4P Compound 4-4-0 1072 in LMS Black Fowler tender - Railroad range (Hor) (list £84.99) **BARGAIN** £45
31-170 Class 5 L&YR 2-4-2T 50764 BRITISH RAILWAYS lined black (Bac) £93.45



31-169 Class 5 L&YR 2-4-2T 50795 in BR lined black early emblem (Bac) £90.06



R3463 Class 52xx 2-8-0 5231 in BR Black early emblem (Hor) (list £139.99) **BARGAIN** £83
32-085 Class 56XX 0-6-2 6639 BR black early emblem (Bac) £76.46



H1411 Class 58xx 0-4-2T 5801 in BR Unlined green GWR lettering - Lightly weathered (DJ) **NEW** £99



H1402 Class 58xx 0-4-2T 5814 in GWR Unlined green Great Western lettering - Lightly weathered (DJ) £99



H1408 Class 58xx 0-4-2T 5816 in BR Lined black BRITISH RAILWAYS (Gill Sans) (DJ) £99



H1410 Class 58xx 0-4-2T 5819 in BR Unlined black early emblem (DJ) £99



32-178A Class 5MT Crab 2-6-0 13174 in LMS lined black (Bac) £123.21



32-176 Class 5MT Crab 2-6-0 42765 in BR lined black early emblem (Bac) £123.21



31-690 Class 5P4F Stanier Mogul 2-6-0 2965 in LMS lined black (Bac) £135.96



31-692 Class 5P4F Stanier Mogul 2-6-0 42968 in BR lined black late crest (Bac) **NEW** £135.96



31-691 Class 5P4F Stanier Mogul 2-6-0 42969 in BR lined black early emblem (Bac) £135.96



31-638 Class 64xx 0-6-0PT pannier tank 6419 in BR lined green late crest - weathered (Bac) £90.05



31-636A Class 64xx 0-6-0PT pannier tank 6422 in BR black early emblem (Bac) £81.55



31-635A Class 64xx 0-6-0PT pannier tank 6424 in GWR green (Bac) £81.55



R3278 Class 6P Patriot 4-6-0 45518 'Bradshaw' in BR Green early crest - Railroad range (Hor) £64.80
31-214 Class 6P Patriot 4-6-0 45538 'Giggleswick' BR Green early emblem (Bac) £140.21



31-204 Class 6P Patriot 4-6-0 5530 'Sir Frank Ree' in LMS crimson (Bac) £140.21



R3420 Class 700 'Black Motor' 0-6-0 30346 in BR Black late crest (Hor) (list £124.99) **BARGAIN** £69



R3421 Class 700 'Black Motor' 0-6-0 30698 in BR Black early emblem (Hor) (list £124.99) **BARGAIN** £69



R3419 Class 700 'Black Motor' 0-6-0 693 in Southern Railway black (Hor) (list £124.99) **BARGAIN** £69



31-015 Class 7F 2-8-0 13810 in LMS black (Bac) **NEW** £125.76



31-014 Class 7F 2-8-0 89 in Somerset & Dorset Railway black (Bac) **NEW** £125.76



R3468 Class 7P6F Rebuilt Battle of Britain 4-6-2 34077 '603 Squadron' in BR Lined Green late crest (Hor) £144.50



R3288 Class 9F 2-10-0 92220 'Evening Star' in BR Green late crest (Hor) £89



R3086 Class A1 4-6-2 4472 'Flying Scotsman' in LNER apple green - Railroad Range (Hor) (list £94.99) **BARGAIN** £55



R3284TTS Class A1 4-6-2 4472 'Flying Scotsman' in LNER Green TTS Sound - Railroad range (Hor) (list £119.99) **BARGAIN** £85



R3060 Class A1 4-6-2 60163 'Tornado' in British Railways Apple Green (Railroad Range) (Hor) (list £99.99) **BARGAIN** £68



32-561 Class A1 60122 4-6-2 'Curlew' in BR express blue early emblem (Bac) £152.96



R3467 Class A1X 'Terrier' 0-6-0ST 751 in SE&CR Green (Hor) £66



31-528A Class A2 4-6-2 60529 'Pearl Diver' in BR lined green late crest (Bac) £144.45
R3132 Class A3 4-6-2 2599 'Book Law' in LNER apple green (Hor) (list £152.99) **BARGAIN** £99



R3312 Class A3 4-6-2 60062 'Minoru' in BR Green early emblem (Hor) (list £154.99) **BARGAIN** £94



R3371 Class A4 4-6-2 4468 'Mallard' in LNER garter blue - Railroad range (Hor) £74.06



R3395TTS Class A4 4-6-2 4468 'Mallard' in LNER Garter Blue - TTS sound fitted - Railroad Range (Hor) (list £132.99) **BARGAIN** £85



BARGAIN

R3285TTS Class A4 4-6-2 4469 "Gadwall" in LNER Garter Blue TTS Sound - Railroad range (Hor) (list £99.99) **BARGAIN** £70



R3441 Class A4 4-6-2 4499 "Sir Murrough Wilson" in LNER wartime black (Hor) £131



BARGAIN

R3338 Class B1 4-6-0 61310 in BR Apple Green (Hor) (list £155.99) **BARGAIN** £87



R3431 Class B12/3 4-6-0 61533 in BR black early emblem (Hor) £136



R3432 Class B12/3 4-6-0 61580 in BR black late crest (Hor) £136



R3430 Class B12/3 4-6-0 8573 in LNER apple green (Hor) £136



BARGAIN

R3447 Class B17 4-6-0 2842 "Kilverstone Hall" in LNER Lined Apple Green (Hor) (list £159.99) **BARGAIN** £99



R3448 Class B17 4-6-0 61619 "Welbeck Abbey" in BR early emblem (Hor) £127



BARGAIN

R3004 Class B17 4-6-0 61631 "Serlby Hall" in BR Green early emblem - weathered (Hor) (list £131.99) **BARGAIN** £79



BARGAIN

R3318 Class B17/6 4-6-0 61646 "Gilwell Park" in BR Green early emblem (Hor) (list £131.99) **BARGAIN** £74



31-462A Class C Wainwright 0-6-0 31227 in BR black early emblem (Bac) £106.21



BARGAIN

R3235 Class D16/3 'Claud Hamilton' 4-4-0 E2524 in early BR Black (Hor) (list £109.99) ... **BARGAIN** £73



BARGAIN

35-078 Class E4 Brighton tank 0-6-2 32500 in BR black late crest (Bac) (list £109.95) **BARGAIN** £80



BARGAIN

35-077 Class E4 Brighton tank 0-6-2 32556 in BR black early emblem (Bac) (list £109.95) **BARGAIN** £80



BARGAIN

35-075 Class E4 Brighton tank 0-6-2 579 in LB & SCR umber (Bac) (list £109.95) **BARGAIN** £80



31-481 Class G2A Super D 0-8-0 49106 in BR black early emblem - weathered (Bac) ... £111.45



31-480 Class G2A Super D 0-8-0 9376 in LMS black tender back cab (Bac) £101.96



31-318A Class J11 0-6-0 5954 in LNER black (Bac) £127.46



31-321DS Class J11 0-6-0 64377 in BR black early emblem - weathered and DCC sound fitted (Bac) £203.96

31-320DC Class J11 Robinson (GCR 9J) 64325 BR black late crest - DCC Fitted (Bac) £93.46



BARGAIN

R3414 Class J15 0-6-0 5444 in LNER Black (Hor) (list £126.49) **BARGAIN** £79



BARGAIN

R3415 Class J15 0-6-0 65477 in BR Black early emblem (Hor) (list £126.49) **BARGAIN** £75



BARGAIN

R3380 Class J15 0-6-0 7510 in LNER Black (Hor) (list £109.99) **BARGAIN** £76

R3405 Class J50 0-6-0 585 in LNER Black (Hor) ... £79.50

R3466 Class J94 0-6-0 22 United Steel Company (Hor) ... £76.50



OOJ94-002 Class J94 Austerity 0-6-0ST 68061 in 'British Railways' black original bunker (DJ) ... £82



OOJ94-005 Class J94 Austerity 0-6-0ST 68068 in 'British Railways' black tall bunker (DJ) ... £82



OOJ94-004 Class J94 Austerity 0-6-OST 8023 in LNER black original bunker (DJ) £82



OOJ94-003 Class J94 Austerity 0-6-OST 8064 in LNER black original bunker (DJ) £82



R3242A Class K1 2-6-0 62032 in BR Black early emblem (Hor) (list £129.99) **BARGAIN** £82



R3243B Class K1 2-6-0 62064 in BR Black late crest (Hor) (list £129.99) **BARGAIN** £82

R3456 Class N15 King Arthur 4-6-0 30792 "Sir Hervis de Rivel" in BR Lined Green early emblem (Hor) £140

3910 Class O2/3 Tango 2-8-0 3965 LNER black stepped tender (Hel) £148



3912 Class O2/3 Tango 2-8-0 63948 in BR black early crest stepped tender (Hel) £148



3913 Class O2/3 Tango 2-8-0 63952 in BR black late crest stepped tender (Hel) £148



3923 Class O2/4 Tango 2-8-0 63982 in BR black late crest flush tender (Hel) £148



R3171 Class P2 2-8-2 2001 'Cock O' The North' in LNER Green (Railroad range) (Hor) (list £94.99) **BARGAIN** £68



R3424 Class Q6 Raven 0-8-0 3418 in LNER Black Gill Sans lettering (Hor) (list £154.99) **BARGAIN** £105



R3426 Class Q6 Raven 0-8-0 63429 in BR Black late crest (Hor) (list £154.99) **BARGAIN** £105



R3425 Class Q6 Raven 0-8-0 63443 in BR Black early crest (Hor) (list £154.99) **BARGAIN** £105



R3329 Class S15 4-6-0 30830 in BR Black late crest (Hor) £124.99



R3411 Class S15 4-6-0 827 in Southern Railway wartime black (Hor) (list £154.99) **BARGAIN** £88



R3457 Class T9 4-4-0 116 in Southern Railway olive green (Hor) (list £149.99) **BARGAIN** £104

R3208 Class V Schools 4-4-0 30915 "Brighton" in BR Black early emblem (Hor) (list £139.99) **BARGAIN** £105

31-614 Class V3 2-6-2T 67646 BR lined black late crest (Bac) £110.46

31-615 Class V3 2-6-2T 67690 BR lined black early emblem (Bac) £110.46



R3279 County Class 4-6-0 1016 "County Of Hants" in BR Green early crest - Railroad range (Hor) £69.50

R3584 Ex-Industrial 0-4-0 'Godfrey & Mitchell Coal Merchants' 'No.9' (Hor) **NEW** £28



31-980 Standard Class 3MT tank 82020 in BR green late crest - weathered (Bac) £118.96



32-359A Standard Class 4MT 2-6-4T 80092 in BR black early emblem (Bac) £110.46



32-360A Standard Class 4MT 2-6-4T 80104 in BR lined black late crest (Bac) £110.46



32-353 Standard Class 4MT 2-6-4T 80135 in BR green late crest (As Preserved) (Bac) £110.46



31-119 Standard Class 4MT 4-6-0 75035 in BR black late crest - weathered (Bac) £135.96



32-509 Standard class 5MT 73109 in BR lined black early emblem and BR1B tender (Bac) (list £129.95) **BARGAIN** £89



32-858 Standard Class 9F 2-10-0 92189 in BR black late crest & BR1F tender - weathered (Bac) £140.21



R3500 The Sir Nigel Gresley Collection (Hor) £480



R9289 Thomas & Friends - 4-4-0 No.2 Edward the blue engine (Hor) (list £87.99) **BARGAIN** £60



R9288 Thomas and Friends - 0-4-OST No.6 Percy the small engine (Hor) (list £39.99) **BARGAIN** £29



R9287 Thomas and Friends - 0-6-0T No.1 Thomas the Tank Engine (Hor) (list £43.99)..... **BARGAIN** £31



R9290 Thomas and Friends - 2-6-0 No.5 James the red engine (Hor) (list £82.49)..... **BARGAIN** £55



R9291 Thomas and Friends - 4-6-2 No.4 Gordon the big blue engine (Hor) (list £109.99)..... **BARGAIN** £72

Train packs



R3299 'Going Home' train pack - 70th Anniversary of the end of WWII Black 5 4-6-0 5156 in LMS Black and 3 x LMS Period 3 Coaches - Ltd Ed (Hor) (list £289.99)..... **BARGAIN** £150



30-325 Ambulance Train No.40 Train Pack GWR Class 3700 No.3711 'City of Birmingham' in WWI khaki, 3 x coaches in olive green & 6 x WWI figures (Bac)..... £140.20



30-425 Class 251 Midland Pullman train pack in Pullman nanking blue - Collectors Edition (Bac)..... £490

R3399 EWS freight train pack Class 67 EWS and three MHA open wagons (Hor)..... £188



R3400 Golden Arrow Last Steam Run Train Pack Rebuilt 'West Country' 4-6-2 34100 'Appledore' in BR green and three Pullman coaches - Ltd Ed (Hor)..... £253



R2670 GWR Freight Train Pack Class 101 steam loco and three wagons - Railroad Range (Hor) (list £44.49)..... **BARGAIN** £30



R3489 GWR Freight train pack GWR Class 101 tank 109 and 3 wagons - Railroad Range (Hor) (list £54.99)..... **BARGAIN** £35



R3397 LMS Suburban Passenger Train Pack - Ltd Ed (Hor) £225



R3401 The Bristolian Train Pack - Ltd Ed (Hor) (list £304.99)..... **BARGAIN** £195



30-575 The Railway Children Train Pack GWR 57xx Pannier in GNSR, 2 x GNSR Coaches & Scenecraft Oakworth Station Building (Bac)..... £114.71



R3501 Virgin Trains East Coast train pack Class 91 91124 & Mk4 DVT 82219 in VTEC - Ltd Ed of 1000 (Hor) (list £229.99)..... **BARGAIN** £145



R3300 Winston Churchill's Funeral Train Pack Battle of Britain class 4-6-2 34051 'Winston Churchill' in BR green Late crest, 2 Pullman coaches & SR Baggage car - Ltd Ed (Hor) £222.21

Diesel locos

10001HAP 10001 BR Brunswick green orange, black & orange lining, Aug 1956 - Oct 1957, (Dap) (list £105)..... **BARGAIN** £94

2501 Class D5 Hunslet shunter D2578 BR green wasp stripes (preserved) (Hel)..... £100



R3065 Class 06 Shunter 06008 in BR blue (Railroad Range) (Hor) (list £32.99)..... **BARGAIN** £19



R3490 Class 08 08673 in InterCity - Railroad range (Hor) (list £44.99)..... **BARGAIN** £28



R3342 Class 08 shunter 08489 in BR blue (Hor) (list £119.99)..... **BARGAIN** £85



32-120 Class 08 Shunter 13287 in BR Plain Green Early Emblem (Bac)..... £84.96



R3484 Class 08 shunter 13363 in BR green red con rods (Hor)..... £118



1509 Class 15 D8204 BR green numbers on front & rear (Hel)..... £94



1510 Class 15 D8208 in green small yellow panels & additional yellow panel on 'B' end (Hel)..... £94



1603 Class 16 North British Type 1 D8407 in BR green with full yellow ends - Ltd Ed of 750 (Hel) (list £134.95)..... **BARGAIN** £72



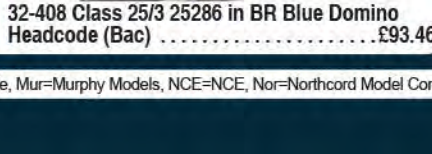
1604 Class 16 North British Type 1 D8409 in BR green grey roof - Gloss finish - Ltd Ed of 750 (Hel) (list £134.95)..... **BARGAIN** £72



1718 Class 17 D8523 in blue full yellow ends (Hel)..... £94



30-049 Loco Class 20 20088 in BR railfreight triple grey - DCC Sound Fitted - Split from 30-049 set (Bac)..... **BARGAIN** £154



32-038DS Class 20 20124 in BR Blue with Indicator Discs (Weathered & DCC Sound Fitted) (Bac)..... £195.46

32-044 Class 20 D8028 in BR Green Indicator Discs & Tablet Catcher (Bac)..... £93.46

32-331 Class 25/1 25043 in BR Green full yellow ends - weathered (Bac)..... £89.21

32-408 Class 25/3 25286 in BR Blue Domino Headcode (Bac)..... £93.46



31-656 Class 47/0 47256 in BR Green Full Yellow Ends - weathered (Bac) £127.46



31-655 Class 47/3 47301 'Centurion' in BR Railfreight Grey Red Stripe (Bac) £97.71



31-661DS Class 47/3 47346 in BR Civil Engineers 'Dutch' - DCC sound fitted (Bac) **NEW** ... £203.95



31-662 Class 47/3 47359 in BR Railfreight Metals sector triple grey (Bac) **NEW** £114.71
31-660 Class 47/4 47436 in BR Large Logo Blue (Bac) £114.71



R3482 Class 4DH Sentinel DH16 in MSC (Manchester Ship Canal) (Hor) (list £65.99) **BARGAIN** £40



R3483 Class 4DH Sentinel in Crossley and Evans (Hor) (list £65.99) **BARGAIN** £40

R3471 Class 50 50026 'Indomitable' original Network SouthEast (Hor) £145



4D-003-004 Class 52 D1058 'Western Nobleman' in BR blue full yellow panel (Dap) £109

4D-003-010 Class 52 diesel loco D1010 'Western Campaigner' in BR blue full yellow ends (Dap) £109



4D-003-012 Class 52 diesel loco D1026 'Western Centurion' in BR blue full yellow ends - weathered (Dap) £113



5313 Class 53 D0280 'Falcon' in original lime green and brown - Ltd Ed (Hel) £125



5310 Class 53 D0280 'Falcon' in original lime green and brown - Ltd Ed (Hel) £125



5312 Class 53 D1200 'Falcon' in BR blue - Ltd Ed (Hel) £125



32-534DS Class 55 Deltic 55004 'Queen's Own Highlander' in BR blue - DCC sound fitted (Bac) £212.46



32-533 Class 55 Deltic D9001 'St. Paddy' in BR green full yellow ends - weathered (Bac) £135.96



R3497 Class 55 Deltic D9016 in BR green - Railroad Range (Hor) (list £65.99) **BARGAIN** £41



32-753DS Class 57/0 57007 'Freightliner Bond' in Freightliner green - DCC sound fitted (Bac) **NEW** £203.96



32-764 Class 57/3 57305 'Northern Princess' in DRS Northern Belle (Bac) £131.71



32-756 Class 57/6 57603 'Tintagel Castle' in GWR (2015) green (Bac) £131.71



R3479 Class 60 60066 in DB Schenker/Drax Powering Tomorrow silver (Hor) £149.50



R3486 Class 66 66185 'DP World London Gateway' in DB Schenker (Hor) (list £98.99) **BARGAIN** £59



32-981 Class 66 66416 in Freightliner Powerhaul (Bac) £127.46



R3268 Class 67 67003 in Arriva Trains Wales (Hor) (list £139.99) **BARGAIN** £99



R3388TTS Class 67 67004 'Cairn Gorm' in Caledonian Sleeper - TTS sound fitted (Hor) (list £184.99) **BARGAIN** £104

4D-022-003D Class 68 68010 Chiltern Railways - DCC Fitted (Dap) £143.17



4D-022-004 Class 68 68014 Chiltern Railways - DCC Fitted (Dap) £123.72

4D-022-004D Class 68 68014 Chiltern Railways - DCC Fitted (Dap) £143.17

4D-006-006S Class 73 73138 civil engineers 'dutch' - DCC sound (Dap) £239



4D-006-002 Class 73 electro-diesel 73124 in BR blue (Dap) £119.51

OLIV003 Class 73/1 73141 'Charlotte' In First GBRf purple - Olivias Trains limited edition (Dap) £140

OLIV002 Class 73/2 73205 'Jeanette' In GB Railfreight blue - Olivias Trains limited edition (Dap) £140



4D-006-007 Class 73/2 electro-diesel 73206 'Lisa' in GB Railfreight (Dap) £119.51

4000 Hawker Siddeley Brush HS4000
"Kestrel" prototype diesel electric loco (Hel)£150

**32-993 Type 27 Wickham Trolley and trailer MPP0007
in BR engineers yellow wasp stripes (Bac). . . . £67.96**

Electric locos

R3374 Class 71 71012 in BR Blue (Hor) . . £127.50

R3373 Class 71 E5001 in BR Green (Hor) £127.50

R3376 Class 71 E5022 in BR Green no yellow ends (Hor)£127.50

7600 Class 76 EM1 Woodhead electric 26020 in BR black early crest - Ltd Ed for Olivias Trains (Hel).	£160
7602 Class 76 EM1 Woodhead electric E26049 in BR blue - Ltd Ed for Olivias Trains (Hel)	£160
7700 Class 77 EM2 Woodhead electric 27000 "Electra" in BR black early emblem - gloss finish - Ltd Ed for Olivias Trains (Hel)	£165
7704 Class 77 EM2 Woodhead electric 27001 "Ariadne" in BR green - Ltd Ed for Olivias Trains (Hel)	£165

7702 Class 77 EM2 Woodhead electric 27004 "Juno" in BR electric blue - Ltd Ed for Olivias Trains (Hel) £165

7705 Class 77 EM2 Woodhead electric E27003
"Diana" in BR green half yellow panels - Ltd Ed
for Olivias Trains (Hel) £165

7701 Class 77 EM2 Woodhead electric E27005
"Minerva" in BR green half yellow panels - Ltd
Ed for Olivias Trains (Hel) £165

7706 Class 77 EM2 Woodhead electric E27006 "Pandora" in BR electric blue - Ltd Ed for Olivias Trains (Hel)... £165

BARGAIN

31-677 Class 85 (AL5) Bo-Bo Electric E3056 in BR Blue single pantograph. (Bac) (list £139.95) **BARGAIN. £79**

BARGAIN

R3350 Class 90 90029 in DB Schenker (Hor)
(list £69.99) **BARGAIN** ... £49

BARGAIN

R3480 Class 92 92016 "Brahms" in Railfreight grey
EWS 'Beastie' vinyls (Hor) (list £99.99). **BARGAIN** £52

9007 Metropolitan Bo-Bo electric 11 "George Romney" in London Transport maroon (Hel) £108

9009 Metropolitan Bo-Bo electric 12 "Sarah Siddons" in London Transport/Metropolitan (1990s preserved condition) (Hel)..... £108

9008 Metropolitan Bo-Bo electric 12 "Sarah Siddons"
in Metropolitan (As currently preserved) (Hel) . . . £108

DMUs

32-286 Class 101 2 Car DMU in BR green small yellow warning panel "Shrewsbury/Aberystwyth" (Bac) £135.96

**32-285 Class 101 2 Car DMU in BR green speed
whiskers "Newcastle/Middlesbrough" (Bac) £135.96**
**32-290DS Class 101 2 car DMU in Network SouthEast with
passenger figures and DCC sound (Bac) £229.46**

BARGAIN

8920 Class 128 DPU 55991 in BR blue yellow ends
'Parcels Service' (Hel) (list £119.95) . . **BARGAIN** £59

BARGAIN

8923 Class 128 DPU 55991 in Royal Mail Letters
red (Hel) (list £119.95) **BARGAIN** £59

BARGAIN

8921 Class 128 DPU 55992 in Royal Mail Letters
red (Hel) (list £119.95) **BARGAIN** £59

BARGAIN

8992 Class 128 DPU in BR Blue small yellow panels and Midland style fronts M55990 (Hel) (list £119.95) **BARGAIN** £52

BARGAIN

8991 Class 128 DPU in BR green small yellow panels & Midland style fronts M55989 (Hel) (list £119.95) **BARGAIN** £69

BARGAIN

8990 Class 128 DPU in BR green speed whiskers
and Midland style fronts M55987 (Hel)
(list £119.95) **BARGAIN £69**



BARGAIN

BARGAIN

8922 Class 128 DPU W55992 in BR blue yellow
ends & no branding 'Scooby Doo' - weathered (Hel)
(list £129.95)..... **BARGAIN** £59

32-928 Class 150/1 2-car DMU 150150 in BR Regional Railways Sprinter - weathered. (Bac).....£148.71
32-937 Class 150/2 2 car DMU 150202 Centro blue stripe (Bac).....£140.21



R3477 Class 153 153321 in Regional Railways (Hor) . £88



R3476 Class 153 153327 in Arriva Trains Wales (Hor) £88



8750 Park Royal Railbus SC79970 in BR green speed whiskers (Hel).....£97
8751 Park Royal Railbus SC79974 BR green small yellow warning panels (Hel).....£97



8801 Railcar W79976 in BR light green speed whiskers. Matt finish (Hel).....£94

EMUs

R3260 Class 2-HAL 2 car EMU 2653 in Southern Railway green (Hor) (list £130.25).....BARGAIN £104



R3341 Class 2-HAL 2 Car EMU 2677 in BR blue (Hor) (list £130.25).....BARGAIN £62



R3341A Class 2-HAL 2623 2 car EMU in BR blue (Hor) (list £149.99).....BARGAIN £62



R3215 Class 373 Eurostar 4 car EMU in new (post-2014) Eurostar (Hor) (list £169.99).....BARGAIN £94
R3258 Class 401 2-BIL 2 car EMU BR blue (Hor) (list £130.25).....BARGAIN £82



31-427B Class 411 4-CEP 7106 in BR Blue & Grey (Bac).....£254.96

DEMUS

31-238A Class 205 'Thumper' BR blue - weathered (Bac).....£203.96
NEW
31-238Z Class 205 2-H Thumper 1122 BR blue - Exclusive to Kernow MRC (Bac).....£204

Track cleaning fluid

B805 100ml of track cleaning fluid for the B800 Track cleaner (Dap) £7

Train sets - analogue



R1183 "Master of the Glens" Train Set Class P2 2-8-2 "Cock O' The North" in LNER green and three LNER teak coaches (Hor) (list £184.99).....BARGAIN £110



R1151 Caledonian Belle trainset 0-4-0 steam loco in blue 4 wheel coach & open wagon (Hor) (list £49.99).....BARGAIN £35



R1167 Flying Scotsman Train Set 3 x LNER coaches (loco has 3-pole motor) (Hor).....£130



R1180 GWR Postal Express train set - operating travelling post office (Hor).....£70
30-130 Military Manoeuvres train set (Bac).....£144.45



R1155 Pendolino trainset Class 390 390004 in Virgin Trains "Alstom Pendolino" branding (Hor).....£150
30-170 Thames Clyde Express Midland Compound 1000, 2 x corridor composite & 3rd brake coach in LMS (Bac).....£148.71
30-165 The Thanet Flyer train set (Bac).....£152.95



R9285 Thomas the Tank Engine - Passenger and Goods Train Set (Hor) (list £109.99).....BARGAIN £80



R9283 Thomas the Tank Engine starter Train Set (Hor) (list £64.99).....BARGAIN £45



R9284 Thomas the Tank Engine train set - "Percy and the Mail Train" (Hor) (list £87.99).....BARGAIN £59

Train sets - DCC



R1172 e-Link Majestic train set A1 Pacific Peppercorn Class in Experimental blue & BR Class 47 (Hor) (list £299.99).....BARGAIN £230
R1126 Mixed Freight DCC digital train set Class 08 0-6-0 BR diesel electric loco, steam loco & 4 wagons (Hor).....£165



R1125 Somerset Belle train set Class 3F 0-6-0 S&DJR 0-6-0 steam loco & 3 wagons - DCC control (Hor) (list £199.99).....BARGAIN £115



30-049 The Permanent Way DCC train set Digital Sound (Bac).....£233.70



R1184 Western Express digital train set eLink TTS sound Hall steam loco (Hor) (list £329.99).....BARGAIN £199

Coaches

R4673 4-wheel freelance coach GWR chocolate & cream - Railroad Range (Hor).....£13.88
R4525 Collett restaurant car 9578 GWR chocolate & cream - Railroad Range (Hor).....£14
R4693 K-Type Pullman Third Class brake 'Car No.78' (Hor)£44
R4695 K-Type Pullman Third Class Parlour Brake Car 'Car No.80' (Hor).....£44



R4663 Pullman First Class Kitchen Car - K-Type Pullman Car (Hor) (list £49.99).....BARGAIN £33
R4738 Pullman first class Parlour car 'Minerva' Pullman umber & cream (Hor).....£47



R4664 Pullman First Class Parlour Car - K-Type Pullman Car (Hor) (list £49.99).....BARGAIN £33



R4742 Pullman Third Class Brake Car 'Car No.162' (Hor)£49.50



R4741 Pullman Third Class Kitchen Car 'Car No.58' (Hor)£49.50



R4660 Pullman Third Class Kitchen Car- K-Type Pullman Car (Hor) (list £49.99)**BARGAIN** £33
R4739 Pullman Third Class Parlour Car 'Car No.34' Pullman umber & cream (Hor)£47



R4661 Pullman Third Class Parlour Car - K-Type Pullman Car (Hor) (list £49.99)**BARGAIN** £33



R4696 K-Type Pullman First Class Kitchen Car 'Joan' (Hor)£44



R4697 K-Type Pullman First Class Parlour Car 'Ursula' (Hor)£44



R4694 K-Type Pullman Third Class Parlour Car 'Car No.83' (Hor)£44



39-282 Mk1 Pullman FK first kitchen "Robin" in umber & cream - lights (Bac)£59.46

39-292 Mk1 Pullman FP first parlour "Pearl" umber & cream - lighting (Bac)£59.46

39-310C BR Mk1 SP Pullman Second Parlour umber & Cream 'Car 350' (With Lighting) (Bac)£59.46



R4518B Gresley non-vestibled suburban brake third 3738 in LNER teak (Hor)£40



R4517B Gresley non-vestibled suburban composite in LNER teak (Hor)£40



R4516B Gresley non-vestibled suburban third class 21022 in LNER teak (Hor)£40

R4574A Thompson non-corridor brake third 87019 LNER teak (Hor)£38



R4572A Thompson non-corridor composite 88426 in LNER teak (Hor)£38



R4743 Maunsell composite in SR malachite green - Railroad Range (Hor)£18

R4737 Maunsell corridor six compartment brake third 3798 SR malachite green (Hor)£35

R4735 Maunsell corridor third 1216 in SR malachite green (Hor)£35



39-580 Hawksworth Auto-trailer in W231W in BR chocolate & cream - as preserved (Bac) ..£59.46



R4642A Mk1 BG full brake W84166 in BR chocolate & cream (Hor) (list £24.99)**BARGAIN** £16

R4709 Mk1 CK composite corridor W15061 in BR chocolate & cream (Hor) (list £32.99)**BARGAIN** £22



R4644A Mk1 TSO second open W4760 in BR chocolate & cream (Hor) (list £24.99)**BARGAIN** £16

R4710 Mk1 BSK brake second corridor W34290 in BR chocolate & cream (Hor) (list £32.99)**BARGAIN** £22



39-578 Hawksworth Auto-trailer in W234W in BR crimson & cream (Bac)£59.46

39-465 LMS 60 ft Porthole Corridor Composite BR crimson & cream (Bac)£33.96



34-461 Thompson 3rd class brake corridor in BR crimson and cream (Bac) **NEW**£46.71



34-386 Thompson 3rd Class corridor in BR crimson & cream (Bac) **NEW**£46.71



34-436 Thompson composite brake in BR crimson and cream (Bac) **NEW**£46.71



34-411 Thompson composite corridor in BR crimson and cream (Bac) **NEW**£46.71



Thompson first corridor in BR crimson and cream (Bac) **NEW**£46.71



R4812 Mk1 CK composite corridor E15303 in BR crimson and cream - Railroad Range (Hor) **NEW** ..£19



R4813 Mk1 SK second corridor E25002 in BR crimson and cream - Railroad Range (Hor) **NEW**£19

NEW



R4814 Mk1 BSK brake second corridor E34734 in BR crimson and cream - Railroad Range (Hor) **NEW**..... £19



39-576 BR Hawskworth Auto Trailer Maroon (Bac) £58.61
39-026J BR Mk1 SK E24945 2nd Corridor Maroon (Bac)..... £33.11

NEW



R4765 Collett corridor brake third (left hand) W4936W in BR maroon (Hor) **NEW**..... £38

NEW



R4764 Collett corridor brake third (right hand) W4935W in BR maroon (Hor) **NEW**..... £38

NEW



R4766 Collett corridor composite (left hand) W6138W in BR maroon (Hor) **NEW**..... £38

NEW



R4767 Collett corridor composite (right hand) W6137W in BR maroon (Hor) **NEW**..... £38

NEW



R4763 Collett corridor third class W5147W in BR maroon (Hor) **NEW**..... £38



39-779 ex-LMS 50' inspection saloon M45035M in BR maroon (Bac)..... £50.96

NEW



R4131C ex-LMS 68' 12-wheel restaurant car M232M in BR maroon (Hor) **NEW**..... £38

R4234B ex-LMS Stanier P3 corridor first M1080M BR maroon (Hor)..... £38

39-076H Mk1 BSK brake second corridor E35083 BR Maroon (Bac)..... £33.11

39-126C Mk1 CK composite corridor M15916 BR maroon (Bac)..... £33.96



39-271D Mk1 GUV general utility van M86223 in BR Maroon (Bac)..... £33.96

39-261B Mk1 RMB Miniature Buffet W1816 BR Maroon (Bac)..... £33.96

39-103C Mk1 RU Restaurant Car E1925 BR Maroon (Bac)..... £33.96



BARGAIN

39-500 Pack of 4 Mk1 SLF Sleeper Car M2002 in BR Maroon (Bac) (list £171.80) .. **BARGAIN** £136

39-500 Single (Bac)..... £36.50

34-630A Mk1 suburban BS brake second M43226 BR maroon passenger figures (Bac)..... £33.96

34-630B Mk1 suburban BS brake second M43301 in BR maroon passenger figures passenger figures (Bac)..... £33.96

34-700C Mk1 suburban GL composite M41014 in BR maroon passenger figures passenger figures (Bac)..... £33.96



34-604C Mk1 suburban S second M46067 in BR maroon passenger figures (Bac)..... £33.96

R4701 Mk1 TSO second open M3947 BR maroon (Hor) (list £32.99)..... **BARGAIN** £22



BARGAIN

R4700 Mk1 TSO second open M4487 in BR maroon (Hor) (list £32.99)..... **BARGAIN** £22



R4534D Maunsell push-pull coach pack Set 619 in BR green (Hor)..... £70

39-228D Mk1 BCK brake composite corridor S21275 BR green (Bac)..... £33.11

R4699 Mk1 BG full brake S80926 BR green (Hor) (list £32.99)..... **BARGAIN** £22



39-273 Mk1 GUV General Utility Van S86724 in BR green (Bac)..... £33.96

R4606 Ex-LMS 50' full brake M31176M BR blue (Hor) (list £35.99)..... **BARGAIN** £22



39-277 Mk1 GUV general utility van E86380 in BR blue (Bac)..... £33.96

39-001 2 x Mk1 coaches 'Works Test Train' BR blue & grey - weathered (Bac)..... £72.21

39-321 BR Mk1 BSP Pullman bar 2nd coach in blue/grey (with lighting) (Bac) (list £48.95)..... **BARGAIN** £24

39-301A BR Mk1 SK Pullman Second Kitchen Grey & Blue (With Lighting) (Bac) (list £48.95)..... **BARGAIN** £24



39-050G BR Mk1 SO E5057 Second Open Blue & Grey (Bac)..... £33.11



39-777A ex-LMS 50' Inspection saloon M45030M in BR Blue & Grey (Bac)..... £50.96



39-175E Mk1 BG full brake in BR blue & grey (Bac)..... £33.96

39-274 Mk1 NXX General Utility Van E93326 in BR blue & grey InterCity Motorail branding (Bac)..... £33.96

39-100C Mk1 RU restaurant car E1974 BR blue & grey (Bac)..... £33.96

39-025G Mk1 SK second corridor E25898 BR blue & grey (Bac)..... £33.11



39-361A Mk2A TSO tourist second open E5406 in BR blue & grey 'Inter City' branding (Bac)..... £38.21

39-360C Mk2A TSO tourist second open W5316 BR blue & grey (Bac)..... £38.21



BARGAIN

R4563 Mk2D BSO brake second open E9487 in BR blue & grey (Hor) (list £28.49)..... **BARGAIN** £16

R4612A Mk2E BSO brake second open M9495 in BR blue & grey - lights (Hor) (list £29.99)..... **BARGAIN** £19

R4614 Mk2E FO first open W3228 BR blue & grey (Hor) (list £24.99)..... **BARGAIN** £17

R4614A Mk2E FO first open W3231 BR Blue & Grey (Hor) (list £29.99)..... **BARGAIN** £17



BARGAIN

R4595 Mk3 TGS trailer guard second E44037 in BR blue & grey - lights (Hor) (list £35.49)..... **BARGAIN** £20



Forthcoming Releases

www.hattons.co.uk/hornby2017

Class 8P Princess Coronation 4-6-2 Pre-order from £161



R3509TTS 46235 "City of Birmingham" in BR green - TTS Sound fitted
R3553 6231 "Duchess of Atholl" in LMS Crimson Lake
R3555 46256 "Sir William Stanier" F.R.S. in BR Maroon

AA15 'Toad' 20T Brake Van Pre-order for £19



R6823 56866 in GWR grey
R6824 W68571 in BR livery

Hitachi IEP Class 800 Pre-order from £229.50



R3514 Class 800 IEP 5-car set 800004 in GWR green
R3579 Class 800 IEP 2-car set 800002 in Hitachi Test livery - limited edition of 250

Class 87 Electric Pre-order for £144



R3580 87035 'Robert Burns' in BR Blue
R3582 87010 'King Arthur' in Intercity Swallow livery

Class Q1 0-6-0 Pre-order for £93



R3559 C24 in Southern Railway wartime black
R3560 33032 in BR black with late crest

TTS Sound Decoders Pre-order for £36



R8101 Class 31 diesel
R8102 Class 37 diesel
R8103 Class 47 diesel
R8104 Class 60 diesel
R8105 Class 66/67 diesel
R8106 Class A3 steam locomotive
R8107 Class A4 steam locomotive
R8108 Class A1 steam locomotive
R8109 Class 6000 'King' steam locomotive
R8110 Class 4073 'Castle' steam locomotive



Forthcoming Releases

www.hattons.co.uk/oxfordrail

LNER Class N7 0-6-2T Pre-order from £87



OR76N7001 1002 in Great Eastern Railway livery
OR76N7002 8011 in LNER black
OR76N7003 E9621 in BRITISH RAILWAYS early black

Mk3A Coaches Pre-order for £29



Several new liveries announced, including:
- ScotRail
- Virgin Train
- Stobart Pullman coach



See the full range at:
www.hattons.co.uk/oxmk3

35t Class A & B Tanks Pre-order for £16.50



OR76TKA001 BRT - Staveley chemicals livery
OR76TKA002 4022 in Esso livery
OR76TKA003 4022 in Esso livery
OR76TKB001 3300 in Esso black
OR76TKB002 47792 in Esso black
OR76TKB003 441 in Regent Oil livery

4-wheel 'Toad' Brake Van Pre-order for £12.50



OR76TOB001 GWR with planked sides - "Paddington"
OR76TOB002 GWR with plated sides - "Acton"
OR76TOB003 35717 in BR livery - "Basingstoke"
OR76TOB004 56449 in BR livery - "Bala"

ICI Hopper wagon Exclusive to Hatton's! Pre-order from £24



Hatton's are working with Oxford Rail to produce 20 versions of the Northwich ICI hopper wagons which ran between Peak Forest quarries and Northwich refineries to deliver limestone.

There will be versions covering both the diamond frame and plate frame bogie varieties as well as including a wealth of fine detail on the wagon body as well as the underframes.

Available in pristine and weathered options, these wagons are available to pre-order now from £24 each.

We are currently awaiting further running samples before we move on to painted samples and approving for production.

Keep up to date with this project at:

www.hattons.co.uk/ici

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Class 14xx 0-4-2T Order for £99



NOW IN STOCK

H1401 48xx 4825 in GWR unlined green Great Western
H1402 58xx 5814 in GWR unlined green Great Western
H1403 48xx 4871 in GWR unlined green Shirtbutton
H1405 48xx 4807 in GWR wartime black G W R
H1406 14xx 1420 in GWR unlined green G W R
H1407 58xx 5802 in GWR unlined green G W R
H1408 58xx 5816 in BR lined black
BRITISH RAILWAYS
H1409 14xx 1470 in BR lined black early emblem
H1410 58xx 5819 in BR unlined black early emblem
H1411 58xx 5801 in BR unlined green G W R
H1412 14xx 1474 in BR unlined black early emblem
H1413 14xx 1444 in BR lined green early emblem
H1414 14xx 1450 BR lined green late crest
H1415 14xx 1432 BR lined green late crest
H1416 14xx 1409 BR unlined green late crest

Beilhack ZZA snow plough Pre-order for £43 Due in stock Q1 2018



Beilhack ZZA Snowplough (Ex Class 40)

BH-001 ADB965576 in BR yellow
BH-002 ADB965577 in BR yellow
BH-003 ADB965578 in BR yellow
BH-004 ADB965579 in BR yellow "Stratford Shark"
BH-005 ADB966098 in BR yellow with NSE Branding
BH-006 ADB966099 in BR yellow with NSE Branding
BH-007 ADB965580 in Railtrack Black
BH-008 ADB965581 in Railtrack Black
BH-009 ADB965578 in Network Rail black
BH-010 ADB965579 in Network Rail black
BH-011 ADB966098 in Network Rail black
BH-012 ADB965599 in Network Rail black



Beilhack ZZA Snowplough (Ex Class 40)

www.hattons.co.uk/beilhack

50t Warwell Bogie Well Wagon Pre-order from £33 for OO. £85 for O Due in stock Q3 2017



Tank not included

OO Gauge

WW-001 with diamond frame bogies MS.1 in WD livery
WW-002 with diamond frame bogies
WW.55 in WD livery (LMS)
WW-003 with diamond frame bogies
in WD livery (LNER)
WW-004 with diamond frame bogies MODA95560 in
MOD 1970s olive
WW-005 with diamond frame bogies
MODA95534 in MOD 1970s olive
WW-006 with diamond frame bogies
M360333 in BR grey
WW-007 with diamond frame bogies M360329 in BR
brown
WW-008 with diamond frame bogies KDE314159 in BR
black with S&T branding and steel/rail carriers
WW-009 with diamond frame bogies DM721227 in BR
black with ELECTRIFICATION branding
WW-010 with diamond frame bogies DW160819 in BR
brown with steel/rail carriers - weathered
WW-011 with diamond frame bogies DM748343 in BR
grey with bolster deck conversion
WW-012 with diamond frame bogies DM748316 in BR
black with bolster deck conversion
WW-013 with diamond frame bogies ADRW96501 in BR
engineers yellow
WW-014 with Gloucester GPS bogies MODA95511 in
MOD 1970s olive
WW-015 with Gloucester GPS bogies MODA95512 in
MOD 1970s olive - weathered
WW-016 with Gloucester GPS bogies MODA95539 in
MOD 1990s olive
WW-017 with Gloucester GPS bogies MODA95537 in
MOD 1990s olive - weathered
WW-018 with Gloucester GPS bogies MODA95536 in
MOD 2000s olive
WW-019 with Gloucester GPS bogies MODA95582 in
MOD 2000s olive
WW-020 with Gloucester GPS bogies MODA95524 in
MOD 2000s olive - weathered

O Gauge

WW-701 with diamond frame bogies MS.1 in WD livery
WW-702 with diamond frame bogies
WW.55 in WD livery (LMS)
WW-703 with diamond frame bogies
in WD livery (LNER)
WW-704 with diamond frame bogies MODA95560 in
MOD 1970s olive
WW-705 with diamond frame bogies
M360333 in BR grey
WW-706 with diamond frame bogies M360329 in BR
brown
WW-707 with diamond frame bogies ADRW96501 in BR
engineers yellow
WW-708 with Gloucester GPS bogies MODA95511 in
MOD 1970s olive
WW-709 with Gloucester GPS bogies MODA95539 in
MOD 1990s olive
WW-710 with Gloucester GPS bogies MODA95536 in
MOD 2000s olive

www.hattons.co.uk/warwell

Golden Arrow Class 71s Pre-order for £139.95 Due in stock Mar/Apr 2017



0071-002HAT E5015 in BR Southern
Region light green with full Golden Arrow
headboards, arrows and flags pre-fitted



0071-004HAT E5013 in BR Blue with full Golden
Arrow headboards, arrows and flags pre-fitted

www.hattons.co.uk/goldenarrow

Class 121/122 "Bubble Car" DMU In Partnership with Dapol Pre-order from £129.95



4D-009-HAT01 120 in 'GWR 150' Chocolate & Cream livery
4D-009-HAT02 121032 in Arriva Trains Wales livery
4D-009-HAT03 960011 in Railtrack blue & green livery
4D-009-HAT04 121020 in Chiltern blue livery
4D-009-HAT05 55033 in Revised Network South East livery
4D-009-HAT06 960010 in Railtrack "coaching stock" maroon
4D-009-HAT07 55022 in Original Network South East livery
4D-015-HAT01 TDB975023 in Route Learning BR blue

www.hattons.co.uk/hattonsbubble

O Gauge Class A3 & A4 Pre-order from £750



Colour layouts for A3s are now
completed and available to view at:

www.hattons.co.uk/recordbreakers

Due in stock Q2 2018



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Class 410 4BEP EMU
Pre-order for £250 (estimated)



31-490 7003 in BR green with small yellow panel
31-491 7010 in BR blue and grey

Class 117 3-Car DMU
Pre-order for £170.00 (estimated)



35-500 BR green with speed whiskers
35-501 BR blue & grey
35-502 Network SouthEast livery

Class 121 "Bubble Car" DMU
Pre-order for £127.50 (estimated)



35-525 BR green with speed whiskers
35-526 BR blue & grey
35-527 Network SouthEast livery

SECR 60' Birdcage Coaches
Pre-Order for £55.21



39-600 Brake Composite SECR Dark Lake
39-601 Brake Composite SR Olive Green
39-602 Brake Composite BR Vermillion
39-610 Composite SECR Dark Lake
39-611 Composite SR Olive Green
39-612 Composite BR Vermillion
39-620 Brake 3rd SECR Dark Lake
39-621 Brake 3rd SR Olive Green
39-622 Brake 3rd BR Vermillion

Class 20/3
Pre-order for £129 (estimated)



35-125 20306 in Direct Rail Services blue
35-126 20311 in Harry Needle Railroad Company orange
35-127 20312 in Direct Rail Services compass blue



Pre-order at www.hattons.co.uk/bachmann2017

Class 1532 Johnson 1P 0-4-4T
Pre-order for £111 (estimated)



31-740 1273 in Midland Railway crimson lake
31-741 1303 in LMS black
31-742 58072 in BR black with early emblem

BR 'Prestwin' Twin Silo wagon
Pre-order from £39 (estimated)



38-290 BR bauxite
38-291 CQV in BR bauxite
38-292 CQV in BR bauxite - weathered

Warflat Bogie Flat Wagon
Pre-order for £42.46



38-725WD Khaki Drab Livery with tank
38-726 WD Bronze Green with tank
38-727 BR Grey without tank

Mk2F 'Aircon' Coaches
Pre-order from £42.46



FO, TSO, RFB, BSO and DBSO all announced.
Versions of each vehicle will also be available
with interior DCC lighting factory-fitted.

Liveries available:
- BR blue & grey
- BR InterCity
- ScotRail (DBSO only)

www.hattons.co.uk/mk2f



Graham Farish Pre-Orders

Class 319 EMU
Pre-order for £144.46 (estimated)



372-875 319004 in Network SouthEast livery
372-876 319382 in Thameslink livery
372-877 319362 "Northern Powerhouse" in Northern Rail livery

Class 70 with air intake modifications
Pre-order for £101.96 (estimated)



371-640 70015 in Freightliner with air intake modification
371-641 70805 in Colas Rail Freight livery with air intake modifications

Refurbished Class 31
Pre-order for £135 (estimated)



371-135 31154 in BR railfreight grey
371-136 31319 in BR railfreight triple grey petroleum sector
371-137 31602 in Network Rail yellow

Class 8F 2-8-0
Pre-order from £129 (estimated)



372-160 3506 in LNER black
372-161 8035 in LMS black
372-162 48608 in BR black with early emblem

Class C Wainwright 0-6-0
Pre-order from £111 (estimated)



372-775 271 in SE&CR plain green
372-776 1294 in Southern Railway black
372-777 31227 in BR black with early emblem

www.hattons.co.uk/preorder

Pre-orders accepted via
credit or debit card only
Pre-order prices subject to manufacturer RRP.



Forthcoming Releases

www.hattons.co.uk/dapolpreorders

OO Gauge GWR Streamlined railcar Pre-order from £123.25



- 4D-011-000 11 in GWR lined chocolate & cream
- 4D-011-001 12 in lined chocolate & cream with monogram emblem
- 4D-011-002 W10 in BR lined chocolate & cream
- 4D-011-003 W14 in BR lined crimson & cream
- 4D-011-004 8 in GWR lined chocolate & cream 'Twin Cities'

OO Gauge LSWR B4 0-4-0 Pre-order from £93.50



- 4S-018-001 96 'Normandy' in LSWR black
- 4S-018-002 90 'Caen' in Southampton Dock brown
- 4S-018-003 88 in Southern Railway lined black
- 4S-018-004 30082 in BR black with early emblem
- 4S-018-005 30096 in BR black with late crest

OO Gauge Class 121 'Bubble Car' DMU Pre-order from £123.25



- 4D-009-001 W55020 in BR green speed whiskers
- 4D-009-002 W55028 in BR green small yellow panels
- 4D-009-003 W55029 in BR blue & grey
- 4D-009-004 W55023 in BR blue

OO Gauge YCV 'Turbot' Bogie Ballast wagon Pre-order from £18.28



- 4F-043-001 08978354 in EWS maroon
- 4F-043-002 08978354 in EWS maroon
- 4F-043-003 DB978371 in BR Civil Engineers 'Dutch'
- 4F-043-004 DB978407 in BR Civil Engineers 'Dutch'



Forthcoming Releases

www.hattons.co.uk/heljanpreorders

OO Gauge Class 47xx 'Night Owl' 2-8-0 Pre-order for £154



- 4780 4704 in GWR green with shirtbutton emblem
- 4781 4705 in Great Western green
- 4782 4707 in GWR green with GW lettering
- 4783 4707 in BR Black with early emblem
- 4784 4705 in BR lined Green with late crest
- 4785 4709 in BR lined Green with late crest - as preserved

O Gauge Class 20 Pre-order for £470



- 2010 BR green with small yellow panel
- 2011 BR green with full yellow ends
- 2012 BR blue (pre-TOPS style)
- 2013 BR blue (post-TOPS) and domino headcode
- 2014 BR blue (post-TOPS) character headcode
- 2015 Railfreight Red Stripe

O Gauge Class 45 'Peak' Pre-order for £550



- 4501 BR green with small yellow panels (grey roof)
- 4502 BR green with small yellow panels (green roof)
- 4503 BR blue with black bufferbeams
- 4504 BR blue with black bufferbeams - weathered
- 4505 BR early blue with red bufferbeams

OO9 L&B 2-6-2T More liveries announced! Pre-order for £160 (estimated)



- 9953 E760 "Exe" in intermediate Southern Railway livery
- 9954 E759 "Yeo" in Southern Railway livery
- 9955 "Exe" in L&B dark green
- 9956 "Taw" in L&B dark green

R4603 Mk3 TRUB restaurant buffet W40008 in BR blue & grey (Hor) (list £28.49)..... **BARGAIN £16**
39-004 Pack of two Mk1 coaches in BR blue & grey
ScotRail branding and passenger figures (Bac)..... £89.21



R4618 Mk2E BSO brake second open 9504 in BR intercity (Hor) (list £24.99)..... **BARGAIN £17**
39-200C BR Mk1 Super BG Full Brake RES - Weathered (Bac) (list £39.95)..... **BARGAIN £18**



39-363A Mk2A TSO tourist second open 5354 in Network SouthEast blue (Bac) £38.21



39-032 Mk 1 SK Second Corridor SC24859 in Sealink (Bac)..... £33.96



39-005 Pack of Mk2A TSO & Class 101 DTCL 'Highlander Pack' in Kyle Line green and cream passenger figures (Bac)..... £118.96



R4655 Mk3 DVT driving van trailer 82146 in DB Schenker silver (Hor) (list £42.99).... **BARGAIN £26**
R4639 Mk3 TS trailer second 42194 in Midland Mainline teal (Hor) (list £28.49)..... **BARGAIN £17**
R4635 Mk3 TSO second open 12177 Arriva Trains Wales (Hor) (list £29.49)..... **BARGAIN £20**
R4635A Mk3 TSO second open 12179 in Arriva Trains Wales (Hor) (list £28.49)..... **BARGAIN £20**
R4635B Mk3 TSO second open 12180 in Arriva Trains Wales (Hor) (list £28.49)..... **BARGAIN £20**
R4665A Mk4 FO first open 11324 East Coast (Hor) (list £28.49)..... **BARGAIN £14**
R4665 Mk4 FO first open 11424 East Coast (Hor) (list £28.49)..... **BARGAIN £14**
R4666 Mk4 TSO second open 12219 East Coast (Hor) (list £28.49)..... **BARGAIN £14**
R4666C Mk4 TSO second open 12403 East Coast (Hor) (list £28.49)..... **BARGAIN £14**
R4666A Mk4 TSO second open 12447 East Coast (Hor) (list £28.49)..... **BARGAIN £14**



39-529 SR CCT ADB975276 in BR departmental green (Bac) £25.46



39-525A SR PLV luggage van 1061 in Southern Railway olive green (Bac)..... £25.46



39-530 SR PMV parcels van S1151S in BR green black ends (Bac)..... £25.46
R9293 Thomas and Friends - Annie and Clarabel coaches (Hor) (list £21.99)..... **BARGAIN £16**

R296 Track cleaning coach (Hor)..... £24

Wagons

37-478 1 plank wagon in LMS bauxite (Bac)..... £8.46
R6802 10 ton brake van 55891 Southern Railway brown (Hor) **NEW..... £17**
OR76CAT002B 10 ton Cattle wagon E156266 BR bauxite (Oxf)..... £10.50



38-032A 100 ton HHA hopper wagon in Freightliner Heavy Haul - weathered (Bac) £37.36



38-116 100 Ton TEA Bogie Tank Wagon 'Aviation Fuel' (Bac)..... £35.66
38-115 100 ton TEA bogie tank wagon Fina - weathered (Bac)..... £36.51
37-629 102 tonne glw Thrall BRA steel strip carrier DB Schenker (Bac)..... £27.16
4F-021-009 12 ton box van 611432 in LMS (Dap) **NEW..... £9.50**
4F-021-010 12 ton box van 611432 LMS - weathered (Dap) **NEW..... £10.50**
38-182 12 Ton BR plywood fruit van B875635 BR bauxite (Early) - weathered (Bac)..... £14.41
38-183 12 Ton BR plywood fruit van B875860 BR bauxite (Late) - weathered (Bac)..... £14.41
38-700 12 Ton Pipe Wagon BR Bauxite (Early) (Bac)..... £18
37-730C 12 ton ventilated van 134054 GWR Dark Grey (Bac) £13.56
38-076C 12T Southern ventilated van in BR bauxite (Bac) £13.56
37-378 16 ton pressed end door steel mineral wagon BR grey (Bac)..... £11.01



37-253B 16 ton steel mineral wagon without top flap doors in BR grey - weathered (Bac) .. £12.71
37-450B 16T slope sided mineral wagon BR grey - weathered (Bac)..... £14.41



37-531 20 ton brake van B951054 in BR bauxite - weathered (Bac) £20.83



R6731 20 Ton Coke Wagon in LMS (Hor) . £19.79
38-776 20 Ton Tank Wagon 'Shell/BP' (Bac) £17.81

NEW



R6798 20-ton tank wagon - "Hornby 2017" (Hor) **NEW £13**
37-529B 20T Brake Van 178705 LNER oxide - weathered (Bac)..... £21.68
37-506 24 ton ore hopper wagon in B.I.S.C. Iron Ore (Bac) .. £11.86
38-145 29 ton VDA sliding door box van BR bauxite - weathered (Bac)..... £21.21
R6739 3 Plank Wagon 'Port Talbot Steel Co Ltd' (Hor) (list £11.99)..... **BARGAIN £6.50**
38-085C 34T ZKA Limpet 390312 BR departmental 'Dutch' - weathered (Bac)..... £13.56

NEW



OR76MW4008 4-plank open wagon "Greenhill Colliery" (Oxf) **NEW..... £9.50**
4F-040-023 4-plank open wagon "Robert Stark" (Dap) **NEW £9.50**
4F-040-024 4-plank open wagon "Robert Stark" - weathered (Dap) **NEW..... £10.50**
OR76MW4007 4-plank open wagon in LNER grey (Oxf) . £9.50

1150 4-wheel A tank 3274 in Esso silver Esso Petroleum lettering (Hel) £20.50
1150 Pack of 4 (Hel) (list £99.80)..... **BARGAIN £76**



1151 4-wheel A tank 4021 in Esso grey Esso Petroleum lettering (Hel) £20.50
1151 Pack of 4 (Hel) (list £99.80)..... **BARGAIN £76**



1152 4-wheel A tank 4089 in Esso grey Esso logo (Hel)..... £20.50
1152 Pack of 4 (Hel) (list £99.80)..... **BARGAIN £76**
1153 4-wheel A tank 43297 Esso grey 1980s Hazchem symbols (Hel)..... £20.50
1153 Pack of 4 (Hel) (list £99.80)..... **BARGAIN £76**



1154 4-wheel A tank 44290 in Esso grey 1980s Hazchem symbols - weathered (Hel) £20.50
1154 Pack of 4 (Hel) (list £99.80)..... **BARGAIN £76**
R6799 4-wheel horse box 42231 in LMS maroon (Hor) **NEW..... £19**



37-587 45 T TTA tank wagon in Aviation Fuel green - weathered (Bac)..... £21.21

Loads more wagons available online at: hattrons.co.uk

37-552C 46T POA Mineral Wagon 'ARC TIGER' Weathered (Bac) £18.66
 33-086 5 plank china clay tent hood in BR bauxite (Bac) £11.48
 4F-051-025 5-plank 'Pwllheli Granite' (Dap) **NEW** £9.50
 4F-051-026 5-plank 'Pwllheli Granite' - weathered (Dap) **NEW** £10.50

NEW



OR76MW7021 7-plank open wagon "Kobo" (Oxf) **NEW** £9.50

NEW



OR76MW7023 7-plank open wagon "Pearson & Knowles" (Oxf) **NEW** £9.50



37-209 8 plank wagon coke rails in BR (Bac) £13.56



37-326C 90 Tonne JGA Bogie Hopper in RMC - weathered (Bac) £36.51



R6783 BR 20 Ton Coke Hopper Wagons - Three Wagon Pack (Hor) £46.50
 R6759A BR Blue Spot Fish Van - Blue Livery (Hor) (list £14.99) **BARGAIN** £11



R6773 BR Ferry Van VIX 2380 251.5 in BR Railfreight (Hor) £19
 R6797 Breakdown Crane and match wagon BR red - Railroad Range (Hor) **NEW** £24
 R6365 Breakdown Crane pack (Hor) £22



R6367 Coal train pack - pack of 3 open wagons in EWS - Railroad Range (Hor) (list £19.99) **BARGAIN** £14
 R6772 CTA 100 ton tank wagon 870010 in EWS maroon (Hor) £28



R6724 Drax 102t biomass hopper in Drax 'powering tomorrow' - Produced for Drax power station - Limited to 1000 - Available only from Hatton's (Hor) £83

R6723 Drax 102t biomass hopper in Drax 'Swoosh' - Produced for Drax power station - Limited to 1000 - Available only from Hatton's (Hor) £83
 33-306D ex-GWR Toad brake van W35894 BR grey (Bac) **NEW** £12.71
 R6801 ex-LMS 20t brake van M730587 BR bauxite (Hor) **NEW** £17
 R6800 ex-LMS horse box M42521 in BR Maroon (Hor) **NEW** £19
 R6682D Extra Long CGT wagon 1274 LNER teal (Hor) (list £21.99) **BARGAIN** £15

NEW



R6803 Father's Day gift open wagon (Hor) **NEW** £13



R6425 FFA Freightliner flat two 30' containers - Railroad Range (Hor) £14



38-347A FNA nuclear flask wagon sloping floor & oval buffers in standard Buff - Flask 43 (Bac) (list £29.95) **BARGAIN** £24



38-006D HEA hopper wagon 361303 in BR Railfreight red & grey - weathered (Bac) £21.21
 4F-045-007 IOA Wagon 3170 5992 091-6 (Dap) £19.38
 4F-045-006 IOA Wagon 3170 5992 107-0 (Dap) £19.38
 4F-045-008 IOA Wagon 3170 5992 115-3 (Dap) £19.38



4F-045-005 IOA Wagon 3170 5992 118-7 (Dap) £19.38
 38-210A JJA auto ballaster outer generator in Railrack (Bac) £42.46
 38-210A Pack of 4 (Bac) (list £199.80) **BARGAIN** £160
 38-210A Megapack of 8 (Bac) (list £399.60) **BARGAIN** £310



4F-010-003 JNA Falcon Network Rail NLU29149 (Dap) £20



4F-010-004 JNA Falcon Network Rail NLU29239 (Dap) £20



B910E KQA/KTA Pocket wagon & container (Dap) £24



B910C KQA/KTA Pocket wagon & container (Dap) £25.25
 B910D KQA/KTA Pocket wagon & container (Dap) £23
 B910F KQA/KTA Pocket wagon & container (Dap) £25.25
 38-550A Midland 20T brake van M357897 BR Grey (with Duckets) (Bac) £23.76
 R6791 OTA timber wagon in blue parallel slanchions (Hor) **NEW** £22
 R6792 OTA timber wagon EWS maroon tapered slanchions (Hor) **NEW** £22
 37-983 Pack of 2 Conflat wagons in BR bauxite (Bac) £25.46



R6473 Pack of 3 16 ton mineral wagons in BR bauxite - Railroad Range (Hor) (list £19.99) **BARGAIN** £15



38-287 Pack of 3 22 ton Presflos in BR bauxite - weathered (Bac) £66.73



1170 Pack of four 4-wheel A tanks in Nomix-Chipman weedkiller train (Hel) £75



33-090 Pack of three 5-plank china clay wagons in GWR grey flat canvas hoods (Bac) £31.41
 4F-071-147 Pack of two 7-plank open wagons - "Ton Phillip, Rhonda and Bute, Merthyr" - weathered (Dap) £21



38-990 Pack of two departmental brake vans in Network SouthEast (Bac) £45.86



4F-044-004 Pack of two FEA-B container wagons in Freightliner - 640011 and 640012 (Dap) £31



R6789 RailRoad Fuel Tanker Triple Pack - BP, Texaco, Total (Hor) £16



BARGAIN

DCC accessory decoders

DCC accessory decoders



DCC controllers



R8214 DCC Elite unit digital controller (Hor) £205



DCC accessories

R8232 DCC Electro point clips (20 a pack - 2 used per point) (Hor)...£4



Point motors

R8014 Mark 2 Point Motor (Hor)	£7.50
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R8243 Surface Mounted point motor (Hor) . . £8

Cables & Wires



Spares

75 & 83) 100 & 100 gauge - Pack of 12 (Pec)	12
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R8096 Metal disc wheels on axles (10 axles) (Hor) £12
R8098 Metal spoked wheels on axles (10 axles) (Hor) . . £12

Wheel sets

R8098 Metal spoked wheels on axles (10 axles) (Hor) . £12

Buildings - railways



PO213 2 Road Red Brick Engine Shed & Workshop Building (Card Kit) (Met) £12.50



44-065 Art Deco Platform Centre Building (Bac) £32.26



44-067 Art Deco Platform End Building - use 2 of these 44-065 (Bac)£24.61



44-066 Art Deco station building (Bac)	£72.21
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EN 50338-2002 Inspection plan for normal class 100 steel (1.037, 1.037, 1.037)



44-0060 March West signal box (Bac)	£52.66
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Man-made scenic structure - Railway-related

Man-made scenic structure - railway-related



OO scales. DCC ready (Hél)..... £199



LK-55 76ft Well type turntable (Pec) £39



x R8004, 1 x R172 (Hor).....£36



R8227 Building/Trakmat Accessories Pack
 1. Contains 1 x R8001, 1 x R171, 2 x R464, 1 x R460 (Hor) £24
 547 Coaling Tower (Rat) £22



44-0054 Depot mess room and toilet (Bac) £33.11



R636 Double track level crossing (Hor) £18
R334 Double-track station platform canopy (Hor) £19



R070 Electrically Operated Turntable (Hor) ... £64
LK-85 Lineside Flexible Field Fencing (1080mm) (replaces LK-45) (Pec) £3.50
OOCAT1 Overhead Mk3 High Speed Catenary Single Mast (Pack of 10) - 5 long arm and 5 short arm easi-fix mounting system (Dap) £38



R514 Platform Canopy x 2 (Hor) £12
LK-62 Platform Edging, Concrete Type (Height 20mm) (Pec) £4.25
R8583 Platform No.3 - Single sided straight x 2 - Skaledale (Hor) . £9
SL-40 Rail built buffer stop (Pec) £1.50



44-0053 Servicing Point (Bac) £49.26
R530 Set of 3 Pylons (Hor) £14
553Ratio Signal Box Interior Kit (Unpainted) (Rat) . £10.50
ST-291 Stone platform (pack of 2) (Pec) £4.25



R460 Straight Platform (Hor) £5

Signals

R169 Home junction signal (Hor) £12
R171 Home signal (Hor) £9.50
DS6 One Touch dual head home signal (red/green) - DCC fitted (Tra) £32
DS1 One Touch two aspect signal (red/green) - DCC fitted (Tra) £22
4L-003-005 Signal - Lattice Type SR Home Platform Starter (Dap) £26
4L-002-002 Signal - Motorised, Square post LMS distant upper quadrant (ex-OOSIGN4) (Dap) £22
4L-003-003 Signal - motorised, SR ladder home (Dap) £22

Buildings - general

502Ratio Cattle Dock (Rat) £15
44-0052 Church (Bac) £80.71



44-040 Diesel fuelling point - Scenecraft range (162 x 37 x 56mm) (Bac) £13
R9813 Ex-Barrack Rooms (Hor) £44
PO279 Low Relief Department Store (Met) £12.50
44-277 Low relief factory (Bac) £31.41



44-202 Low Relief Front Terraced Houses. (Bac) ... £20.36



44-081 Portable Offices. (Bac) £31.41
PO255 Railway Workers' Cottages (Met) £9.50
44-0027 Rural Bus Depot (Bac) £50.96
PO272 Terraced shop fronts - brick - 128 (w) x 73 (d) mm (Met) . £12
44-0028 Weighbridge (Bac) £33.96

Man-made scenic structure - non-railway

44-0009 Container terminal crane (Bac) £144.46
44-016 Fuel Storage Tanks (Bac) £33.96
44-562 Metal fencing (Bac) £8.46
44-505 Security fences x 10 - Scenecraft range (Bac) £5
GM370 Tarmac road 80mm wide (1m) (Gau) £7

Bridges, Tunnels & Walls

SSMP200 Coarse Stone wall material. 4 x 13cm by 7.5cm sheets (Wil) £3.50
5046 Double track tunnel portal x 1 (Pec) £5



R076 Foot Bridge (Hor) £16
C003 Girder Bridge plastic kit (Dap) £6.65
R8008 Grand suspension bridge (Hor) £39
44-228 Low Relief Double Track Tunnel Portal (175 x 10 x 94mm) (Bac) £13.60



44-225 Low Relief Retaining Walls (168 x 10 x 85mm) (Bac) £14.41
44-568 Quayside walls (Bac) £33.96
PO245 Retaining Wall in Stone - 4 wall sections per kit (Met) £11
537 Retaining Walls x 2 (Rat) £7
R8744 Straight walls x 3 - Skaledale "Gasworks" range (Hor) . £11
M0056 Tarmacadam Builder thick card sheets x 8 (Met) . £5



R180 Three arch viaduct (Hor) £15

Minerals, Water & Rocks

GM114 Granite Ballast - OO & HO gauge - large bag 500g (Gau) £3

People - civil



36-408 12 x Seated Coach Passengers (Bac) £10.16



36-404 1940/50s Station Staff (Bac) £8.46



36-407 1950s Train Crew x 6 (Bac) £6.21

36-043 British Rail Station staff x 6 (Bac) £6.21



36-047 Locomotive staff x 6 (Bac) £6.21

36-411 Modern Street Scene Figures (Bac) £6.76

36-410 Roadside Technicians (Bac) £8.46



36-044 Station passengers standing x 6 (Bac) £6.21

Track - Code 100 Setrack

ST-245 Setrack curved double radius left handed point insulfrog (Pec) £14
ST-244 Setrack curved double radius right handed point insulfrog (Pec) £14
ST-201 Setrack double straight (Pec) £2
ST-247 Setrack medium radius Y point insulfrog (Pec) . £10
ST-241 Setrack No.2 radius left handed point insulfrog (Pec) £9
ST-240 Setrack No.2 radius right handed point insulfrog (Pec) . £9
ST-231 Setrack No.3 radius double curve (Pec) £2.75
ST-235 Setrack No.4 Radius Standard Curve. No "double" version produced - use 16 to form a circle (Pec) £2
ST-204 Setrack Quad Straight (670mm) (Pec) £3.50
ST-204 Box of 24 (Pec) £76
ST-200 Setrack standard straight (Pec) £1.40

Track - Code 100 Streamline

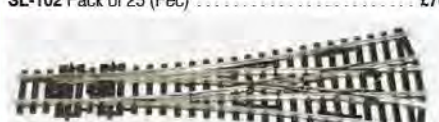


SL-100 Pack of 25 1 yard (91.5cm) length of Code 100 Wooden-sleeper nickel silver flexible track (Pec) . £66

SL-100 Single (Pec) £3

SL-102 1 yard (91.5cm) length of Nickel Silver concrete-sleeper flexible track (Pec) £3

SL-102 Pack of 25 (Pec) £70



SL-E99 3 way medium radius point electrofrog (Pec) . £26

SL-99 3 way medium radius point insulfrog (Pec) £26



SL-90 Double slip insulfrog (Pec) £32

SL-98 Large Y point (Pec) £11

SL-87 Left hand curved point (Pec) £12.50



SL-E87 Left hand curved point electrofrog (Pec) .. £12.50



SL-E89 Left hand large point electrofrog (Pec) .. £12
 SL-89 Left hand large point insulfrog (Pec) .. £12
 SL-96 Left hand medium point (Pec) .. £10



SL-E96 Left hand medium point electrofrog (Pec) .. £10
 SL-92 Left hand small point (Pec) .. £9.50



SL-E92 Left hand small point electrofrog (Pec) .. £9.50
 SL-94 Long crossing insulfrog (Pec) .. £10



SL-86 Right hand curved point (Pec) £12.50



SL-E86 Right hand curved point electrofrog (Pec) .. £12.50



SL-E88 Right hand large point electrofrog (Pec) £12
 SL-88 Right hand large point insulfrog (Pec) .. £12
 SL-95 Right hand medium point (Pec) .. £10



SL-E95 Right hand medium point electrofrog (Pec) £10
 SL-91 Right hand small point (Pec) .. £9.50



SL-E91 Right hand small point electrofrog (Pec) .. £9.50
 SL-93 Short crossing insulfrog (Pec) .. £8.50
 SL-E97 Small Y point electrofrog (Pec) .. £9.50

Track - Code 75 Finescale

SL-108F 1 yard (91.5cm) length of Code 75 Wooden-sleeper nickel silver bullhead rail flexible track (Pec) .. £4.50
 SL-108F Box of 25 (Pec) .. £100



SL-100F Pack of 25 1 yard (91.5cm) length of Nickel Silver Finescale flexible track (Pec) .. £72
 SL-100F Single (Pec) .. £3



SL-E199 3 way finescale medium radius point electrofrog (Pec) .. £28
 SL-E1096 Code 75 Medium Radius Concrete sleeper turnout L/H (Pec) .. £12.50



SL-E190 Finescale double slip electrofrog (code 75 Rail) (Pec) £37



SL-E198 Finescale large Y point electrofrog (Pec) .. £12



SL-E187 Finescale left hand curved point electrofrog (Pec) £13



SL-E189 Finescale left hand large point electrofrog (Pec) £12.50



SL-E196 Finescale left hand medium point electrofrog (Pec) £11.50



SL-E192 Finescale left hand small point electrofrog (Pec) £10



SL-E186 Finescale right hand curved point electrofrog (Pec) £13



SL-E188 Finescale right hand large point electrofrog (Pec) £12.50



SL-E195 Finescale right hand medium point electrofrog (Pec) £11.50



SL-E191 Finescale right hand small point electrofrog (Pec) £10

SL-E180 Finescale single slip electrofrog (code 75 rail) (Pec) .. £34
 SL-E197 Finescale small Y point electrofrog (Pec) .. £11
 SL-114 Pack of 24 finescale rail joiners for Peco SL-108F bullhead track (Pec) **NEW** .. £5

Track & Points

R8090 1 single yard length of Semi-Flexible Track (Hor) .. £3.50
 R8090 Pack of 24 (Hor) .. £79
 R604 1st radius curve (Hor) .. £1.90
 R605 1st radius double curve (8 make a circle) (Hor) .. £2.40
 R605 Circle of 8 (Hor) .. £15
 R606 2nd radius curve (Hor) .. £1.45
 R607 2nd radius double curve track (8 make a circle) (Hor) .. £2.25
 R607 Circle of 8 (Hor) .. £18
 ST-2026 2nd radius Double Curve Track (ST-226 x 4) (Pec) .. £10
 ST-2025 2nd radius Standard Curve Track (ST-225 x 8) (Pec) .. £15
 R609 3rd radius double curve track (8 make a circle) (Hor) .. £2.60
 R609 Circle of 8 (Hor) .. £20
 ST-2035 4th radius Standard Curve Track (ST-235 x 8) (Pec) .. £16

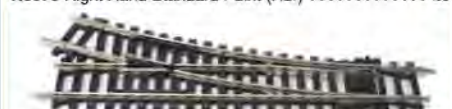


R8262 Double 4th radius curve (8 make a circle) (Hor) .. £3

R601 Double Straight (Hor) £2.10
 R601 Box of 24 (Hor) £47
 ST-2001 Double Straight Track (ST-201 x 8) (Pec) .. £16.50
 R8222 Extension Pack B. Contains 1 x R8073, 2 x R600, 4 x R607, 1 x R606, 1 x R083 (Hor) .. £24
 R8223 Extension Pack C. Contains 1 x R8073, 2 x R600, 4 x R607, 1 x R606 (Hor) .. £22.50
 R8224 Extension Pack D. 1 x R8072, 3 x R605, 1 x R608, 1 x R636, 1 x R083 (Hor) .. £36
 R8226 Extension Pack F. Contains 1 x R8072, 1 x R8073, 2 x R600, 2 x R606, 1 x R083 (Hor) .. £22.50
 R910 Fishplates/rail joiners x 12 (Hor) .. £2
 R8074 Left hand curved point (Hor) .. £14
 R8077 Left hand Express point (Hor) .. £14.50



R8072 Left Hand Standard Point (Hor) £9
 36-872 Left-hand non-isolating standard point (Bac) .. £7.52
 R603 Long Straight (Hor) £3
 36-603 Long straight track nickel silver (same as R603) (Bac) £2.76
 36-603 Box of 10 (Bac) (list £34) **BARGAIN** £24.80
 R8206 Power track for analogue (non DCC) use only (Hor) .. £4.50
 R8075 Right hand curved point (Hor) .. £14
 R8078 Right hand Express point (Hor) .. £14.50
 R8073 Right Hand Standard Point (Hor) £9



36-873 Right-Hand non-isolating Standard Point (Bac) £7.52
 36-878 Right-Hand Point (same as Hornby R8078) (Bac) .. £11.65
 ST-100 Setrack Starter Track Set - Second Radius (Pec) .. £57
 ST-101 Setrack Starter Track Set - Third Radius (Pec) .. £57



R610 Short Straight (Hor) £1.10
 R621 Single 970mm length of flexible track (Hor) .. £3
 R621 Pack of 24 (Hor) .. £66
 R600 Standard Straight (Hor) .. £1.35
 R600 Box of 24 (Hor) .. £31
 R8076 Y Point (Hor) .. £10

Track underlay

ST1471 12 Single Track Strips Of OO/HO Gauge Track Bed - 1.75" x 24" (Woo) £10



GM200 5 metres of realistic grey ballasted OO gauge underlay (Gau) £19.50
 GM210 Brown ballasted underlay x 5 metres (Gau) .. £20



R638 Roll of track foam underlay Approx: 4880mm (16ft) (Hor) £9

Railway publications

36-2017 Bachmann Branchline 2017 Catalogue (Bac) £6.80

Buses

30716 AEC Renown - Greater Manchester PTE - 325 to Hollow End (EFE) .. £25.46
 B209A Bristol MW6G 'Western National' - 'Dartmouth' (Bas) .. £17



76MW6001 Bristol MW6G Royal Blue (Oxf) .. £16
 38123 Bristol VRTII 'City of Oxford' - '82, Aylesbury' (EFE) .. £29.71



12122 Harrington Cavalier 'Southdown' (EFE) **NEW** £29.33



12311 Harrington Grenadier "Maidstone and District" - "E7, Bournemouth" (EFE) . . . £29.71
OM46615A New Routemaster, Arriva, 137 Sreatham Hill (Oxf) . . £30

Cars

76SET42 5 Piece MG Set (Oxf) . . . £21
76AMDB2002 Aston Martin DB2 MkIII DHC Dark British Racing Green (Oxf) . . . £5



76ASS005 Austin Seven Saloon Black (Oxf) £4.50
76BM02001 BMW 2002 Colorado Orange (Oxf) . . . £5
76CC001 Carlight Continental Caravan Light Grey (Oxf) . £6
76CDS004 Citroen DS19 Regal Red/White (Oxf) **NEW** . £4.50
76FP003 Ford Popular 103E in black (Oxf) . . . £4.50

NEW



76H002 Hillman Imp Tangerine Metallic (Oxf) **NEW** £4.50
76XJS005 Jaguar XJS Black (Oxf) **NEW** . . . £4.50
76MGBGT002 MGBGT Grampian Grey (Oxf) **NEW** . £4.50
76TS001 Triumph Stag Saffron (Oxf) . . . £4.50

NEW



76TR4001 Triumph TR4 Signal Red (Oxf) **NEW** £4.50

Commercial vehicles

NEW



76BD022 Bedford OX Flatbed Trailer LNER (Oxf) **NEW** . £11
DB09 Commer OX low loader "Pickfords" - packing case load (Bas) **NEW** . . . £12
76DAF03CT DAF 105 Skeletal Trailer Freightliner (Oxf) £19
76FCG004 Ford Cargo Box Van Royal Mail (Oxf) . . . £11

NEW



76FTC009 Ford Transit Connect Network Rail (Jarvis) (Oxf) **NEW** . . . £4.50



76FT006 Ford Transit high top LWB van in plain white (Oxf) . . . £4.50
76FT3006 Ford Transit Mk3 RAC (Oxf) **NEW** . . . £4.50



76FBB001 Fowler BB1 16nhp Ploughing Engine No.15145 Rusty Dorset (Oxf) . . . £14.50
76FSR004 Fowler Steam Roller No 19053 Patricia B (Oxf) £11
DB10 Guy Warrior articulated flatbed "Wynn's Heavy Haulage" (Bas) **NEW** . . . £10
76SET45 Hayton Coulthard Centenary Set (Oxf) . . . £40

NEW



76KRS005 Konecranes Reach Stacker Stobart (Red) (Oxf) **NEW** . . . £21
DA36 Leyland FG flatbed "M.G. Williams - Coal Merchant" load of coal & coke sacks (circa 1965 - 1975) (Bas) . £8.99
76MH003 Mechanical horse flatbed trailer "GWR" (Oxf) . £8.50



76MB003 Mercedes Actros GSC Flatbed Trailer J R Adams (Oxf) . . . £21.50
76MB004 Mercedes Actros SSC D-TEC Combitrailer/ Container John Mitchell (Oxf) . . . £21.50
L15 Pack of two Forklift trucks - British Railways (Bas) . £8
76MH019 Scammell Mechanical Horse Van Trailer (Oxf) £9.50
76RAB001 Scammell Scarab van trailer in "British Rail" (Oxf) £8.50



76SCL002 Scania Crane Lorry White (Oxf) . . £16
76SHL02CS Scania Highline Curtainside Stobart Power (Oxf) £19



76SHL01ST Scania Highline Nooteboom 3 Axle Semi Low Loader Stobart Rail (Oxf) . . . £21.50

NEW



76SDF003 Shelvoke & Drewry Freightlifter British Rail (Yellow) (Oxf) **NEW** . . . £11

NEW



76SHP002 Sherpa Minibus British Rail (Oxf) **NEW** . £5.50

Farming & Construction

76SET10A Fordson Tractor triple set blue, yellow & grey variants (Oxf) . . . £12
76KOM001 Komatsu PC340 standard (fully poseable) boom (Oxf) £17

Military ground vehicles

76QLD002 Bedford QLD 1st Armoured Division 1941 (Oxf) £12
76QLR001 Bedford QLR 1st Infantry Div - UK 1942 (Oxf) . £12



76DT002 Diamond T980 Tank Transporter 1st Canadian Army - Italy 1943 (Oxf) . . . £21.50

NEW



76LRDF005 Land Rover Defender 90 RAF Flight Safety (Oxf) **NEW** . . . £5

NEW



76LRC006 Land Rover FT6 Civil Defence (Oxf) **NEW** . . . £8.50
76TAC001 TACR2 RAF Camouflage (Oxf) . . . £9.50



76TAC003 TACR2 RAF Pink Panther (Oxf) . . . £9

Public Service vehicles

76TN003 Thornycroft Nubian Bristol Airport (Oxf) . . . £14

Tools

OOT10 254mm (10in) Straight Template Tracksetta (Pec) . £5.50
BS-HO-01 HO/OO Scale Ballast Spreader (Pro) . . . £12



SL-43 Loco Lift and storage unit (Pec) . . . £12

N Gauge Steam locos

372-313 Class 21C1 Merchant Navy 4-6-2 35021 'New Zealand Line' in BR Malachite green (Gra) . . . £135.96



372-311 Class 21C1 Merchant Navy 4-6-2 35023 'Holland-Afrika Line' BR green early emblem (Gra) . . . £135.96



372-310 Class 21C1 Merchant Navy 4-6-2 35024 'East Asiatic Company' BR blue early emblem (Gra) £135.96



372-312 Class 21C1 Merchant Navy 4-6-2 35028 'Clan Line' BR green late crest (Gra) . . . £135.96
2S-009-005D Class 3800 2-8-0 3819 GWR green GWR lettering. DCC Fitted (Dap) . . . £123



372-061 Class 4F 0-6-0 3851 in LMS black Johnson tender (Gra)£93.46
372-062 Class 4F 0-6-0 43875 BR black early emblem & Johnson tender (Gra)£93.46
372-752 Class 4MT Fairburn 2-6-4T 42073 BR black late crest (Gra)£97.71
372-653 Class 4MT Standard 2-6-0 76079 in BR lined black early emblem (as preserved) (Gra)£110.46



372-535 Class 4MT Standard 2-6-4T 80027 BR lined black early emblem (Gra)£101.96



372-139 Class 5 4-6-0 45206 in BR Lined Black Early Emblem (Gra)£118.96
2S-007-012D Class 57xx Pannier 0-6-0 5764 Great Western green - DCC Fitted (Dap)£82
2S-007-010D Class 57xx Pannier 0-6-0 8700 in GWR green shirbutton emblem - DCC Fitted (Dap)£82
2S-007-013D Class 57xx Pannier 0-6-0 9744 British Railways green - DCC fitted (Dap)£88
2S-007-017D Class 57xx Pannier 0-6-0PT 6760 in BR black early crest and later cab - DCC fitted (Dap)£98.65



371-987 Class 64xx 0-6-0 Pannier Tank 6412 in BR Lined Green late crest (Gra)£80.71



371-986 Class 64xx 0-6-0 Pannier Tank 6417 in BR Black early emblem (Gra)£80.71



372-481 Class 6P Jubilee 4-6-0 45572 'Eire' in BR lined green late crest - weathered (Gra)£118.96
2S-001-004D Class 7800 Manor 4-6-0 7821 'Ditchat Manor' in BR Mixed Traffic Black Early Crest. DCC Fitted (Dap)£119
372-800A Class A1 4-6-2 60163 'Tornado' BR lined Brunswick green (Gra)£133.75



372-800B Class A1 4-6-2 60163 'Tornado' in BR Express blue (as preserved) (Gra)£135.96

372-385 Class A2 4-6-2 525 'A H Peppercom' LNER Apple green (Gra)£135.96



372-388 Class A2 4-6-2 60532 'Blue Peter' BR lined green late crest (Gra)£135.96



2S-011-003 Class A3 4-6-2 60103 'Flying Scotsman' in BR blue early emblem (Dap)£124.38
2S-011-003D Class A3 4-6-2 60103 'Flying Scotsman' in BR blue early emblem - DCC Fitted (Dap)£146.12



2S-011-006 Class A3 4-6-2 60103 'Flying Scotsman' in BR green late crest (Dap)£124.38
2S-011-006D Class A3 4-6-2 60103 'Flying Scotsman' in BR green late crest - DCC fitted (Dap)£146.12
2S-008-008D Class A4 4-6-2 4468 'Mallard' in LNER garter blue valances - DCC Fitted (Dap)£150.57
2S-008-010D Class A4 4-6-2 4482 'Golden Eagle' in LNER apple green valances - DCC Fitted (Dap)£150.57
2S-008-009D Class A4 4-6-2 4490 'Empire of India' in LNER garter blue valances - DCC Fitted (Dap)£150.57
2S-008-005D Class A4 steam loco 60022 'Mallard' in BR green early crest & double chimney. DCC fitted (Dap)£140.25



372-079 Class B1 4-6-0 1040 'Roedeer' in LNER lined black (Gra)£110.46



372-401 Class J39 0-6-0T 64960 in BR black early emblem & flat sided tender (Gra)£80.71
2S-016-004 Class M7 0-4-4 30 Southern Railway green - weathered (Dap)£57



372-932 Class N 2-6-0 31811 in BR black late crest (Gra)£106.21
372-931 Class N 2-6-0 31844 BR black early emblem (Gra)£106.21
372-933 Class N 2-6-0 810 in SECR grey (Gra)£106.21
2S-002-002D Class V Schools 4-4-0 30921 'Shrewsbury' in BR Black early emblem - DCC fitted (Dap)£142.50



2S-002-003 Class V Schools 4-4-0 929 'Malvern' in Southern Railway malachite green (Dap)£120.76

372-185 Princess Coronation Class 4-6-2 46236 'City of Bradford' in BR black early emblem (Gra)£144.46

Train packs



370-430 'Capital Connection' Network SouthEast train pack (Gra)£178.46

2S-011-001D Class A1 4-6-2 4472 'Flying Scotsman' in LNER apple green four Gresley teak coaches - DCC and light bars fitted (Dap)£220.64



2S-011-001 Class A1 4-6-2 4472 'Flying Scotsman' in LNER apple green four Gresley teak coaches - light bars fitted (Dap)£198.90
2S-011-005D Class A3 4-6-2 4472 'Flying Scotsman' in LNER apple green (as preserved) four Gresley teak coaches in maroon - DCC & light bar fitted (Dap)£220.64



2S-011-005 Class A3 4-6-2 4472 'Flying Scotsman' in LNER apple green (as preserved) four Gresley teak coaches in maroon - light bar fitted (Dap)£198.90



2S-011-004 Class A3 4-6-2 60103 'Flying Scotsman' in BR green early emblem four Gresley teak coaches in crimson & cream liver (Dap)£198.90



370-400 Longmoor Military Railway Train Pack WD Austerity 2-8-0 No.400 'Sir Guy Williams' & 3 x Mk1 suburban brake end coaches in LMR blue (Gra)£118.96

Diesel locos

371-024 Class 08 08907 in DB Schenker (Gra)£80.71



372-978 Class 24 24081 BR Blue Yellow Ends (Gra) £84.96



372-980 Class 24 97201 'Experiment' in BR Research RTC red & blue - weathered (Gra) NEW£110.46
2D-013-000D Class 27 diesel loco 27108 BR blue. DCC Fitted (Dap)£110
2D-013-001D Class 27 diesel loco D5401 in BR green small yellow panels. DCC Fitted (Dap)£110
2D-001-000 Class 33/0 33030 in BR blue (Dap)£112.74
2D-001-003 Class 33/0 D6539 BR green small yellow panels (Dap)£108.82



2D-001-001 Class 33/0 D6571 in BR green no yellow panel (Dap) £108.82
2D-001-020 Class 33/1 33102 in BR blue (Dap) £112.74
2D-018-004D Class 35 Hymek D7024 BR green - weathered. DCC Fitted (Dap) £103
371-456 Class 37/0 37133 Engineers Dutch Livery (Gra) £101.96



371-166 Class 37/4 37406 'The Saltire Society' in Railfreight Distribution (Gra) £89.21
371-167 Class 37/5 37514 Railfreight Metal Sector Livery (Gra) £89.21



371-604 Class 42 Warship D832 'Onslaught' in BR Green - as preserved (Gra) £100.26
371-825B Class 47/0 D1572 BR Green Small Yellow Panel (Gra) £101.96



371-287 Class 55 Deltic 55005 'The Prince of Wales' Own Regiment of Yorkshire in BR Blue (Gra) £93.46
371-285 Class 55 Deltic D9007 'Pinza' BR green (Gra) £93.46
2D-004-005D Class 56 diesel 56089 EWS (Doncaster built) - DCC fitted (Dap) £134.70
2D-004-001D Class 56 diesel loco 56019 Railfreight red stripe. DCC Fitted (Dap) £134.70



371-651A Class 57/0 57008 'Freightliner Explorer' in Freightliner - weathered (Gra) £116.41
371-357 Class 60 60057 'Adam Smith' Railfreight coal sector triple grey (Gra) £103.66
2D-007-003D Class 66 diesel loco 66177 EWS Experimental white roof. DCC Fitted (Dap) £95
2D-007-002D Class 66 diesel loco 66504 in Freightliner powerhaul green. DCC Fitted (Dap) £95



371-396 Class 66/9 66731 'InterhubGB' in GBRf Livery (Gra) £89.21



371-636 Class 70 PowerHaul 70003 Freightliner (Gra) (list £119.95) BARGAIN £82.50



371-635 Class 70 PowerHaul 70006 Freightliner (Gra) (list £119.95) BARGAIN £82.50
DMUs



371-504 Class 101 2-car DMU in BR green small yellow panel (Gra) £144.46
371-505 Class 101 2-car DMU BR Network South East (Gra) £144.46



371-876DS Class 108 2 Car DMU in BR blue - DCC sound fitted (Gra) £229.46
371-880 Class 108 2 Car DMU BR Green half yellow ends (Gra) £144.46
371-877A Class 108 2-car DMU BR blue & grey (Gra) £144.46
371-330 Class 150/1 150128 First Great Western (Gra) £131.71

EMUs



371-702 Class 350/1 Desiro 4 Car EMU 350 101 in London Midland (Gra) (list £169.95) BARGAIN £99



371-701 Class 350/2 Desiro 4-car EMU 350 238 in London Midland (Gra) (list £169.95) BARGAIN £140
10-1296 Class 373 Eurostar - pack of four additional coaches - Classic (Kat) £82
10-1295 Class 373 Eurostar 373005/373006 original 'Classic' Eurostar (Kat) £198
10-1297 Class 373 Eurostar 373015/373016 2013-onwards Eurostar (Kat) £198

Train sets - analogue



GMKS005 'The Race to the North' starter train set - Class A4 4-6-2 and four gresley teal coaches (Kat) £240



370-130 'The Night Mail' train set Class 47 and Mk1 post coaches (Gra) £169.96
GMKS003 The Hayling Islander Starter Set (Kat) £160

Coaches

374-511 Haworth Brake 3rd Class Corridor GWR Chocolate & Cream (Gra) £25.46
374-536 Haworth 3rd Class Corridor GWR Chocolate & Cream (Gra) £25.46
374-561 Haworth Corridor 1st/3rd Composite GWR Chocolate & Cream (Gra) £25.46



374-991 Bulleid 3-Coach Set BR (SR) Green (Gra) £76.46
374-051D BR Mk1 SK Second Corridor (SR) Green (Gra) £25.46
374-220D BR Mk1 FK Pullman First Kitchen Car 'Robin' Umber & Cream (Gra) £30.56
374-200E BR Mk1 FP Pullman First Parlour Car 'Pearl' Umber & Cream (Gra) £30.56
374-035A BR Mk1 BG Full Brake Crimson & Cream (Gra) £24.61
374-255C BR Mk1 CK Composite Corridor crimson & cream (Gra) £25.46
374-441 Bulleid 63ft Second Corridor BR crimson & cream (Gra) £20.83



374-610 Haworth Auto Trailer in BR crimson and cream (Gra) £29.71



374-053G BR Mk1 SK Second Corridor E24945 in BR Maroon (Gra) £25.46



374-611 Haworth Auto-Trailer in BR maroon (Gra) £29.71
374-036B Mk1 BG full brake in BR maroon (Gra) £24.61
374-187C Mk1 BSK Brake Second Corridor Maroon Weathered (Gra) £25.46
374-188C BR Mk1 BSK Brake Second Corridor Blue & Grey (Gra) £24.61
374-055E BR Mk1 SK Second Corridor M24032 Blue & Grey (Gra) £25.46
374-827A BR Mk1 SLSTP Sleeping Second Blue & Grey (Gra) £25.46
374-039B Mk1 BG full brake in BR blue & grey (Gra) £24.61
374-122 Mk1 RU restaurant car in blue & grey (Gra) £20.83
374-928 Mk1 SLF Sleeping First Blue & Grey (Blue Riband) (Gra) £22.06



374-044 BR Mark 1 BG in Royal Mail Letters (Gra) NEW £25.46



374-193 BR Mark 1 BSK in Network SouthEast (Gra) NEW £25.46

NEW



374-166 BR Mark 1 FK in Network SouthEast (Gra) **NEW**£25.46

NEW



374-016 Mk1 SO second open in Network SouthEast (Gra) **NEW**£25.46

NEW



374-194 BR Mark 1 BSK in Regional Railways (Gra) **NEW**£25.46

NEW



374-017 Mk1 TSO second open in Regional Railways (Gra) **NEW**£25.46

NEW



374-167 BR Mark 1 FK in Regional Railways (Gra) **NEW**£25.46

374-191 BR Mk1 BCK Brake Second Corridor ADB97109 Departmental yellow (Gra)£24.61

374-901B BR Mk1 TPO in Post Office red (Gra)£33.96

374-643 MK 1 CCT in BR departmental yellow (Gra) £20.36

374-041 Mk1 BG Full Brake Departmental van Olive green (Gra)£20.83

NEW



374-043 Mk1 BG full brake Laboratory 23 in RTC (Railway Technical Centre) - weathered (Gra) **NEW**£28.01

NEW



374-195 Mk1 BSK brake second corridor Laboratory 12 in RTC (Railway Technical Centre) - weathered (Gra) **NEW**£28.01

Wagons



373-217 24 Ton ore hopper wagon "Richard Thomas" (Gra) (list £13.95)**BARGAIN** £11

373-926C 30 Ton Bogie Bolster Wagon BR Grey (Gra)£21.21
 2F-036-021 4-wheel bulk grain hopper 42314 GWR (Dap) **NEW**£13
 2F-036-022 4-wheel bulk grain hopper 42314 GWR - weathered (Dap) **NEW**£14
 373-779 45 Tonne glw TTA Tank Wagon 'Cl Methand' (Gra)£13.56
 KNR-41 7 Plank coal wagon kit (Pec)£4
 377-206A 8-plank open wagon coke rails - "Suncoke" - weathered (Gra)£14.41



373-235 Bulk grain bogie hopper wagon "Traffic Services" - weathered (Gra)£36.51
 377-700A JJA Mark 2 auto ballaster generator unit Railtrack - weathered (Gra)£39.06



377-701A JJA Mark 2 auto ballaster non generator unit flat profile in Railtrack - weathered (Gra) ... £39.06
 377-650A MBA Megabox High-Sided Bogie Box Wagon (Buffers) EWS - weathered (Gra)£33.11
 377-877 Queen Mary Brake Van EWS Weathered (Gra) £22.91
 377-337 Triple Pack Conflat Wagons BR Bauxite A Containers (Gra)£33.96
 377-235A Triple Pack of 16 Ton Steel Mineral Wagons BR grey - weathered (Gra)£36.51
 377-336A Triple Pack of Conflat Wagons BR crimson BD Container - weathered (Gra)£33.96



373-785 Triple pack TTA 45 Tonne tank wagon - weathered (Gra)£39

Electronic components

GM47 Locomotive wheel cleaner (Gau)£29

Lighting equipment



NC040b Light Bar coach lighting unit for older coaches (Yellow) (Dap)£8

Cables & Wires

PL-82 Power feed joiners - Code 55/80 (x4 pairs) (Pec) ... £5.50

Spares

SL-311 Insulated Rail Joiners/Fishplates for N & OO9 gauge (12 per pack) (Pec)£1.75



2A-000-011 Magnetic couplings - short arm - 5 pairs (Dap)£18

SL-310 Rail Joiners/Fishplates for N & OO9 gauge (24 per pack) (Pec)£2

Wheel sets

379-410 Axles 3 hole disc wagon wheels - Pack of 10 (Gra) £6

379-412 Axles coach wheels - Pack of 10 (Gra)£5.74

Man-made scenic structure - railway-related

20-283 Electric Turntable Controller (Kat)£210

Buildings - general

42-199 Oakworth Station building (Gra)£28.01

PN926 Parish church - card kit (Met) **NEW**£10

Bridges, Tunnels & Walls

PN140 Four arch double track viaduct red brick - card kit (Met) **NEW**£11

Grass, Ground, Lichen, Hedges & Foliage

NH100 150mm lengths of hedge x 6 (K&M)£11

Track - Code 80 Setrack

ST-11 Double straight track (Pec)£1.50

ST-19 N Setrack No. 4 radius double curve (Pec)£2.50

ST-17 N Setrack No.3 radius double curve (8 form a circle), 298.5mm/11.75" radius (Pec)£2

ST-12 No.1 radius double curve (Pec)£1.50

ST-3 No.1 radius single curve (Pec)£1.20

ST-15 No.2 radius double curve (Pec)£1.50



ST-6 Setrack left hand point insulfrog (Pec) £8.50

ST-5 Setrack right hand point insulfrog (Pec)£8.50

ST-1 Standard straight track (Pec)£1.25

ST-300 Starter Track Set (Pec)£46

Track - Code 80 Streamline



SL-302 Pack of 25 1 yard (91.5cm) length of Concrete Sleeper Nickel Silver Flexible track (Pec)£64

SL-302 Single (Pec)£3



SL-300 Pack of 25 1 yard (91.5cm) length of Wooden Sleeper Nickel Silver Flexible track (Pec)£64

SL-300 Single (Pec)£3



SL-E396 Left hand medium point electrofrog (Pec)£9

SL-396 Left hand medium point insulfrog (Pec)£9.50

SL-E386 Right hand curved point electrofrog (Pec)£10



SL-E395 Right hand medium point electrofrog (Pec) £9

SL-395 Right hand medium point insulfrog (Pec)£9.50

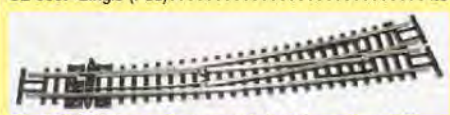
SL-397 Y Point insulfrog (Pec)£9.50

Track - Code 55 Finescale



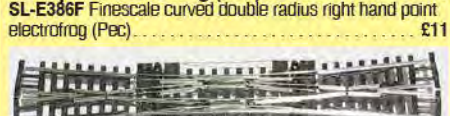
SL-300F Pack of 30 1 yard (91.5cm) length of Finescale Nickel Silver flexible Wooden Sleeper track (Pec)£84

SL-300F Single (Pec)£3

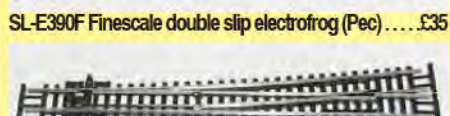


SL-E387F Finescale curved double radius left hand point electrofrog (Pec)£11

SL-E386F Finescale curved double radius right hand point electrofrog (Pec)£11



SL-E390F Finescale double slip electrofrog (Pec)£35



SL-E389F Finescale left hand large point electrofrog (Pec)£11

009 Narrow Gauge

Coaches

GR-400A L&B Bogie composite 5 in Lynton and Barnstaple (Pec) £34
GR-400B L&B Bogie composite 6 in Lynton and Barnstaple (Pec) £34
GR-401B L&B Bogie composite 6365 in Southern Railway green (Pec) £34



GR-421A L&B Bogie composite brake 4108 in Southern Railway green (Pec) £34



GR-421B L&B Bogie composite brake 6993 in Southern Railway green (Pec) £34
GR-400U L&B Bogie composite coach in Indian red (Pec) £34

Wagons

GR-230 Lynton and Barnstaple 8 ton bogie open wagon 22 in L & B grey (Pec) £19.50



GR-321 Pack of three narrow-gauge slate wagons - two unbraked and one braked (Pec) £25
GR-320 Pack of three narrow-gauge slate wagons - unbraked (Pec) £25

Track - Code 80 Streamline



SL-404 Pack of 25 1 yard length of 009 narrow gauge track 'mainline' wooden sleepers (Pec) £85
SL-404 Single (Pec) £3.50



SL-400 Box of 25 1 yard length of 009 narrow gauge track worn wooden sleepers (Pec) £83
SL-400 Single (Pec) £3.50



SL-E492 Left hand point electrofrog (Pec) £9



SL-E496 Mainline left hand turnout 18" radius electrofrog (Pec) £10



SL-E495 Mainline Right Hand point 18" radius electrofrog (Pec) £10



SL-E491 Right hand point electrofrog (Pec) £9

Track & Points

ST-411 Setrack double straight units (pack of 4) 174mm/9" (Pec) £12
ST-412 Setrack No.1 radius double curves (pack of 4 - half curve) radius 228mm/9", 22.5deg (Pec) £12

O Gauge (1:43 Scale)

Steam locos

7S-010-010 Class A1X 'Terrier' 0-6-0T W9 'Fishbourne' in Southern Railway green (Dap) £191.25
7S-010-010D Class A1X 'Terrier' 0-6-0T W9 'Fishbourne' in Southern Railway green - DCC Sound Fitted (Dap) £340



7S-010-011 Class A1X 'Terrier' 0-6-0T 32636 in BR black late crest (Dap) £191.25



7S-010-009 Class A1X 'Terrier' 0-6-0T 643 'Gipsyhill' in LB&SCR marsh umber brown (Dap) £191.25

Diesel locos



7D-008-002 Class 08 shunter D3045 in BR blue wasp stripes (Dap) £199.95



7D-008-000U Class 08 shunter in BR green late crest and no yellow warning panels - Unnumbered (Dap) £199.95



2553 Class 25/1 in BR blue (unnumbered) (Hel) £470



2552 Class 25/1 in BR Green full yellow ends (unnumbered) (Hel) £470



2551 Class 25/1 in BR green small yellow warning panels (unnumbered) (Hel) £470



4205 Class 42 Warship 829 'Magpie' in BR blue (Hel) £550



SL-E396F Finescale left hand medium point electrofrog (Pec) £10



SL-E392F Finescale left hand small point electrofrog (Pec) £9



SL-E388F Finescale right hand large point electrofrog (Pec) £11

SL-E395F Finescale right hand medium point electrofrog (Pec) £10

SL-E391F Finescale right hand small point electrofrog (Pec) £9

SL-E383F Finescale scissors crossover electrofrog (Pec) £61

SL-E397F Finescale Y Point, Electrofrog (Pec) £10.50

Track & Points

20-000 Ground Level 248mm Straight Track x 4 (Kat) £7

20-202 Left Hand Electric Point Radius 718mm 15 Deg (Kat) £18



20-850 M1 Basic Oval Kato Controller (Kat) £60



20-851 M2 Basic Oval Passing Loop & Controller (Kat) £110

20-221 Right Hand Electric Point Radius 481mm 15 Deg (Kat) £25

ST-45 Setrack N Gauge Curved Turnout L/H (Pec) £13.50

ST-44 Setrack N Gauge Curved Turnout R/H (Pec) £13.50



20-861 V2 Up & Down Elevated Oval Variation Pack (Kat) £62

20-862 V3 Sidings Variation Pack (Kat) £81

20-866 V7 Scissors Crossing Variation Pack (Kat) £69

Track underlay

ST1475 24' of N gauge track underlay a continuous roll - 3mm x 1.25 x 24" (Woo) £7.50

GM201 Flexible grey ballasted N gauge underlay real granite stone (Gau) £19.50

Buses

NIRZ005 Irizar PB White (Oxf) £8

NNR002 New Routemaster Go Ahead London Central (Oxf) £7

Commercial vehicles



NSHL01ST Scania Highline Nootboom 3 axle Semi Low Loader Stobart Rail (Oxf) £11.50

NSCA001 Scania Topline Curtainside 'Stobart' (Oxf) £11



4201 Class 42 Warship D827 "Kelly" in BR green small yellow panels (Hel) £550



5351 Class 53 D0280 'Falcon' in BR two tone green small yellow panels. (Hel) £550



6002 Class 60 diesel in EWS (Supplied un-numbered separate waterslide numbers, sector emblems and a selection of nameplates.) (Hel) £499

Coaches



4955 Mk1 BG full brake in BR blue Newspapers branding (Hel) £250



4953 Mk1 BG full brake in BR chocolate and cream (Hel) £250



4950 Mk1 BG full brake in carmine and cream (Hel) £250



4990 Mk1 GUV full brake in Parcels red (Hel) £250

Wagons

BL99043 20 Ton Brake Van in LNER brown working rear light (Bas) (list £64.50) **BARGAIN** £25



1004 33xx class B tank in Mobil Charrington red (Hel) £63



1003 33xx class B tank in Regent black (Hel) £63
7F-051-025W 5 Plank BR M318261 Weathered (Dap) £37.75



7F-053-003 5 plank wagon open diagram 39 M424330 in BR unfinished wood (Dap) ... £38.25
7F-051-036 5-plank open wagon "Brylbo Steel" (Dap) **NEW** £37.75



7F-031-003 6-wheel milk tanker in 'Milk Marketing Board' (Dap) £62



7F-031-004 6-wheel milk tanker in 'United Creameries' (Dap) £62

7F-071-021 7 Plank "Osman Trevor Powell" (Dap) £33.50



4377 BR green DB993608 - Dogfish (Hel) £79

Analogue controllers

DO Double/Twin track O scale controller 14V DC 2Amp (Gau) £159.95
Track - Code 124 Bullhead Streamline



SL-700BH Box of 12 1 Yard O Gauge Flexible Nickel Silver Track (Bullhead Nickel Silver Rail) (Pec) £75
SL-700BH Single (Pec) £6.50



SL-E790BH Double slip (8 degree angle) Electrofrog (Pec) £85
SL-E787BH Left hand O gauge curved turnout (Pec) £52



SL-E792BH Left hand point bullhead rail and electrofrog (Pec) £44



SL-E791BH Right hand point bullhead rail and electrofrog (Pec) £41
ST-725 Setrack Bullhead 2nd radius standard curve 410mm (16") radius 1020mm (40.5"). 16 make a circle (Pec) £6
SL-E797BH Y Point bullhead rail & electrofrog (Pec) £41

Cars



VA02624 Hillman Imp Mk2 Super, Grasshopper Metallic (Cor) **NEW** £24
43JAG9004 Jaguar MkIX Black/Imperial Maroon (Oxf) £19



43RRP001 Rolls Royce Corniche Conv. (Open) Indigo Blue (Oxf) £22
43RRP3001 Rolls Royce Phantom III SDV HJ Mulliner Black (Oxf) £20
43RRP5001 Rolls Royce Phantom V James Young Navy Silver (Oxf) £20

Any or Multiple Scales

Analogue controllers



COMBI Combi 12v 1Amp Single Track Controller Transformer (Gau) £30
UD Double Panel Mount Circuit Controller (Gau) £49
DS Double power controller brake simulator (Gau) £119



D Double/Twin track power controller (Gau) . £69



Q Quadruple 4 circuit power controller (Gau) . £130
W Walkabout circuit controller (Gau) £29

Analogue power supplies



M1 Transformer Output 2 x 16v AC 1A (Gau) £37
Analogue point control

CDU Capacitor Discharge Unit (Gau) £11
PL-35 Capacitor Discharge Unit Mk2 (Pec) £14.50



PLS-100 SmartSwitch Set for 4 servo control & operation, switches, control board & digital readout for Analogue operation (Pec) £57
PL-15 Twin Microswitch (Pec) £7

DCC decoders



DCR-21PIN-Direct Box of 10 21-pin 4-function 1.1Amp direct plug decoder back EMF (Hat) £110
DCR-21PIN-Direct Single (Hat) £12
DCR-21PIN-Direct Box of 5 (Hat) £57



36-557 Pack of 5 21-pin E-Z Command 4-function 1A decoder back EMF (Bac) (list £92.50) **BARGAIN** £70
36-557 Single (Bac) £14.50



X9659 4-pin DCC decoder for Sentinels and Peckett locos (Hor) £12



DCC23 6-pin 2-function 1A (2A peak) decoder (suitable for N gauge) (Gau) £24
36-556RA 6-pin E-Z Command 90 degree right-angled decoder for GF Jinty (DC Compatible) (Bac) £14.54
DCC27 8 & 21-pin 4-function 1A (1.8A peak) small OMNI decoder (measures 23 x 27 x 10mm) (Gau) £16



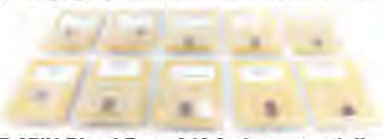
BPDCC27 8 & 21-pin 4-function 1A (1.8A peak) small OMNI decoder (measures 23l x 27w x 10d mm) x 5 (Gau) £71



36-553 8-pin 3-function 0.75A decoder back EMF (Bac) £15.50



R8249 Box of 6 8-pin 4-function 2-sided 0.5A (1A peak) decoder (Hor) £76
R8249 Single (Hor) £14



DCR-8PIN-Direct Box of 10 8-pin compact direct 4-function 1.1Amp decoder back EMF (Hat) £105
DCR-8PIN-Direct Single (Hat) £13
DCR-8PIN-Direct Box of 5 (Hat) £59
36-564 8-pin decoder socket harness x1 (Bac) £5.91
36-567 Next18-Pin DCC decoder (Bac) £18.65



DCC28 OMNI 6 Pin Decoder Harness (Gau) . £17.50
BPDC28 OMNI 6 Pin Decoder Harness (5 Pack) (Gau) . £92



BPDC29 OMNI 8 Pin Direct Plug Decoder (5 Pack) (Gau) £88

DCC accessory decoders

DCD-ADS2FX COBALT 2 output Accessory Decoder for all Solenoids and other point motors needing momentary power (DCC) £17



DCD-ADS8FX COBALT 8 output Accessory Decoder for all Solenoids and other point motors needing momentary power (DCC) . . . £56
DCD-AD8FX COBALT 8 output Accessory Decoder for Cobalt or other motor-drive point motors (DCC) £41
36-561 EZ Command Dynamis 4-output point decoder (similar to Hornby R8247) (Bac) £38.55

DCC controllers



36-504RC Dynamis Ultima DCC System Evaluation RailController Software (Bac) . . £240



50200 ECoS Command Station DCC controller full colour LCD touch screen & dual controllers motorised dials & easy CV (ESU) £635



524-042 NCE Power Cab 2 Amp DCC controller (NCE) £140



DCC49 Prodigy 8 Amp booster unit (Gau) . . £150



DCC01 Prodigy Express Package. Can be extended the DCC13 Walkaround or DCC51 Wireless (Gau) £124



DCC51 Prodigy Wireless Conversion Set (Gau) £200



524-037 SB5 Smart Booster Entry level 5A DCC system for use Power Cab controller (NCE) . . £150

DCC accessories



36-568 6 pin DCC decoder Back EMF and Railcom (Bac) £24.60



BPDC80 Pack of three DCC autofrog polarity reversal switches - for electrofrog points (Gau) . £14

Point motors

PL-9 5 Mounting Plates for use PL-10E (Pec) £2.50
DGP-CB11P Cobalt ip slow-action analogue point motor * 1 (DCC) £14
DGP-CB12IP Cobalt ip slow-action analogue point motor - pack of 12 (DCC) £146
DGP-CB6IP Cobalt ip slow-action analogue point motor - pack of 6 (DCC) £82



DGP-CB12DIP Cobalt ip slow-action digital point motor - pack of 12 (DCC) £177
DGP-CB6DIP Cobalt ip slow-action digital point motor - pack of 6 (DCC) £94
PL-10WE High performance turnout point motor extended pin (Pec) £6.50
BPPM20 Pack of five Surface mounted seep point motors (Gau) . £36
PL-10 Point Motor (Switch Machine) (Pec) £6
PL-10 Bag of 6 (Pec) £34



PL-10E Bag of 6 Point Motor Extended Pin (use PL-9) (Pec) £34
PL-10E Single (Pec) £6
BPPM10 Seep Classic solenoid point motor - Pack of 5 (Gau) . £26
PM-2 Seep point motor (Gau) £3.50
PM-4 Seep point Motor Self Latching Switch (Gau) £5



PM-1 Seep point motor accessory switch (Gau) . £4
PL-11 Side/surface mounted point motor (Pec) £7.50
TT300 Slow motion DCC point motor (Tra) £20



HAT-PM-01 Pack of 6 Solenoid point motor including pin extension and 2-way arm for use points and signals. Exclusive to Hatton's (Hat) . £35
HAT-PM-01 Single (Hat) £6.50
PL-50 Turnout switch module (makes wiring points easy) (Pec) £15.50

Switches & Levers

GM510 A5H Single Pole Double Throw Momentary Contact Mini-toggle for Point Motors (Gau) £2.50



PL-13 Accessory Switch for fitting to turnout motor PL10 (Pec) £3

DCD-ASG Cobalt Alpha Switch A Set Analogue (12 x Green) (DCC) £34



DCP-CBS12 Cobalt S - Lever all accessories - unpainted x 12 (DCC) £165
DCP-CBS6 Cobalt S - Lever all accessories - unpainted x 6 (DCC) £90
PL-22 Lever Operated On/Off Switch (Pec) £5.50
PL-26B Passing Contact Switch - Black Lever (Pec) . £5.50
PL-26R Passing Contact Switch - Red Lever (Pec) . £5.50
PL-26W Passing Contact Switch - White Lever (Pec) £5.50
PL-26Y Passing Contact Switch - Yellow Lever (Pec) £5.50

Electronic components



26211 Turntable Motorising Set (Exp) £21

Lighting equipment



WJP5701 Light hub - Just Plug lighting system (Woo) £12.50
WJP5772 UK Power Supply for Just Plug lighting system (Woo) £18.50
WJP5740 Warm white LED stick-on lights for Just Plug lighting system (Woo) £7.50

Accessories



GMC-LT Locomotive Tester for N, OO9, HO and OO scales (Gau) £270
PL-41 Rail Cleaning Track Rubber (Pec) £3.50



SL-14 Track Fixing Pins (Pec) £1.50
AC-13 Track Magic (Del) £7

PECO

Step 1: Planning

HORNBY

The first stage in building your model railway is planning the design and layout of your track. To help you we stock a range of planning books, DVDs and CD-ROMs from Hornby and Peco, all available at www.hattons.co.uk:

R8145 Hornby TrackMaster CD-ROM
STP-OO Peco OO gauge Setrack plan book
IN-1 Peco N gauge Setrack plan book
SYH01 Peco "Shows You How" Layout planning
SYH06 Peco "Shows You How" Making a start in OO



SYH01



R8145



STP-OO



Analogue controllers



DCC controllers



Point motors & switches



DCC decoders



Cables & Wires

Step 2: Track

We stock the complete range of Hornby and Peco track in OO, N and O gauges in 1st, 2nd, 3rd and 4th radius. We also have the entire range of points and curves in both insulfrog and electrofrog, setrack and finescale, rigid and flexible. At www.hattons.co.uk/ootrack you'll find everything you need to turn your designs into reality.



Step 3: Electrics

Whether it's analogue control or DCC we have a great range of controllers to help run your model railway. We also stock a huge range of switches and point motors from manufacturers such as Peco, Hornby, Gaugemaster, DCC Concepts and Expo. We also have a fantastic range of DCC decoders from a whole range of manufacturers, including Bachmann, Hornby, DCC Concepts, Gaugemaster, Lenz and NCE. To find out more visit www.hattons.co.uk/electrics

Step 4: Techniques

For everything from painting, weathering and masking, to filling, soldering and kit building, Hatton's have all the tools and products you'll need in order to master all the techniques required for putting together your model railway. Whether you're constructing buildings from scratch or painting and weathering your locos and stock, you'll find a great selection of modelling tools and products online and in store.



Step 5: Scenery

Scenery helps bring your layout to life and at www.hattons.co.uk/00scenics you'll find everything you need to help you to add realism to your project. We offer a great range of scenic and modelling items from all the leading manufacturers such as Woodland Scenics, Bachmann, Hornby, Jarvis and Busch.



Step 6: Buildings & Structures

You can add the finishing touches to your layout with buildings, signals and other scenic items such as turntables, level crossings and lights. We have hundreds of different products in all gauges from all the leading manufacturers, including Bachmann's Scenecraft and Hornby's Skaledale ranges - find them on www.hattons.co.uk



Step 7: Locos & Stock

When you've finally built your layout, the track and ballast are down, the wiring is in place, it's set up for analogue or DCC, and the scenery is in place with all the buildings and lighting and other finishing touches that make it unique, the final step is to get your locos and rolling stock running.

Whether they're straight from the box and onto the track, or whether you want to add some extra detail and finishing touches to your locos, coaches and wagons. Hatton's have everything you need to help you get the right look and feel for your model railway.

We also have a great range of products that will help you to service and maintain your locos and rolling stock. Everything from lubrication and oiling, rolling roads and loco lifts, through to cleaning tools and products. At www.hattons.co.uk you'll find everything you need to keep your model railway running smoothly and on time.



Track cleaners



Rolling roads



Servicing kits