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**10 NEW MODELS
ANNOUNCED!**

**BURSHAW
NORTH WESTERN**



Modelling the West Coast
Main Line in 'N' gauge

NEW PROJECT

**HOW TO
BUILD
BASEBOARDS**



REVEALED: brand new 'OO'
Scottish micro layout project

WE SHOW YOU HOW

**Sound fitting an 'N'
SPAMCAN**



PLUS

- Ballasting basics
- Detailing a Crosti '9F'
- 'Terrier' sound in 'O'

Main line showpiece:

BATH SPA HEYDAY

The famous Sydney Gardens
recreated in 'OO' scale!



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25 Great Eastern
TRAIN
FORMATIONS



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HORNBY magazine

December 2015

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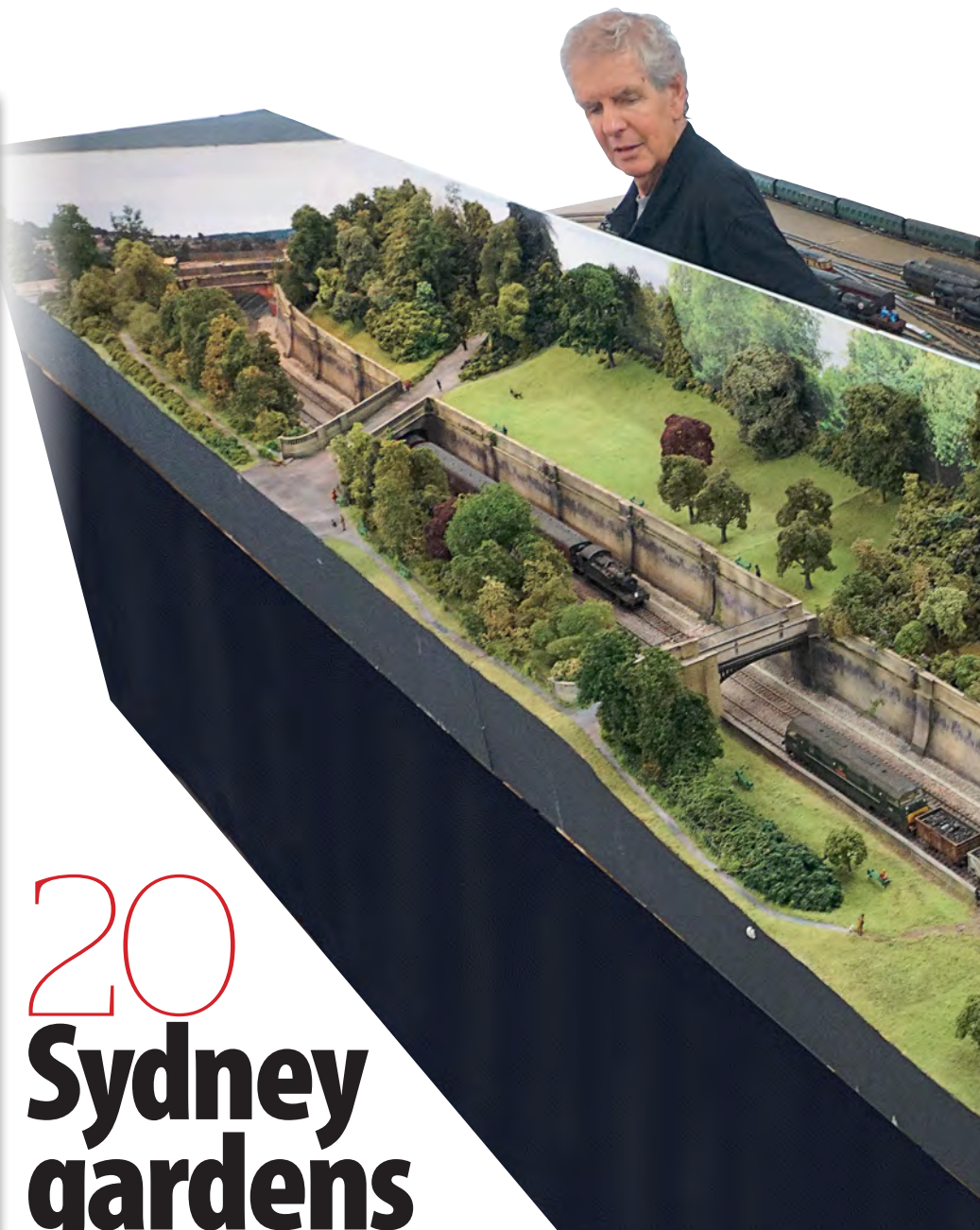
Hornby Magazine is published on the
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ISSUE
102



**A subscription to Hornby Magazine
makes a great gift this Christmas**

See pages 86-87 for full details.



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WE SHOW YOU HOW!

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BALLASTING

Nigel Burkin explains all in this simple step-by-step guide to ballasting showing you how to recreate the real railway in miniature.

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LOCH DHU

With the new modelling season upon us, Nigel Burkin embarks on his latest 'OO' gauge micro layout project, inspired by the Speyside line in Scotland in the 1960s.

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CROSTI '9F' PROJECT

Tim Shackleton sets out to improve on Hornby's already impressive 'OO' gauge Crosti '9F' 2-10-0 and shows how it can be enhanced.

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DCC SOUND

Paul Chetter demonstrates how DCC sound can be accommodated within the smallest of spaces, installing a DCC sound decoder and speaker in Bachmann's new 'N' gauge Bulleid 'Merchant Navy'.



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You'll find the latest news, images and exclusive videos! Search *Hornby Magazine*.

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New announcements have come in thick and fast. Mike Wild casts his views while looking forward to the November shows.

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UPDATE

Hornby unveils another new 'OO' gauge locomotive for 2016 together with new announcements from Dapol, Heljan and DJ Models. Plus your chance to win in our exclusive Hornby train set competition, a preview to the Warley National Model Railway Exhibition, a review of the Great Electric Train Show and all the latest model railway news.

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SYDNEY GARDENS

The iconic Sydney Gardens in the heart of Bath have been meticulously modelled on this impressive 'OO' gauge exhibition layout, affording a wonderful view of steam and diesel hauled trains passing by on the adjacent Western Region Main Line, as Steve Jones reveals.

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TRAIN FORMATIONS

Following a selection of recent Great Eastern motive power releases including the Hornby 'J15' and 'D16', Mark Chivers presents a selection of suitable East of England train formations using ready-to-run products for 'OO'.

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HORNBY POST

Your views, opinions and responses from the *Hornby Magazine* postbag.

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BURSHAW NORTH WESTERN

Dave Forshaw recalls the West Coast Main Line of the late 1960s and early 1970s for his stunning 'N' gauge take on this major inter-city railway route which recently attended the Great Electric Train Show.

82

REALITY CHECK

Following the release of Hornby's outstanding new 'OO' gauge model, Evan Green-Hughes recalls the evolution of the 'D16' 4-4-0s.

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KEPIER COLLIERY

Inspired by childhood memories of the network of lines serving coalfields in the industrial North-East, John Cook created this impressive colliery in 'OO'.

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RAILWAY REALISM

Whilst regular steam operation on BR may have officially ended in 1968, almost fifty years later steam locomotives remain a regular fixture on many lines across the country, as Evan Green-Hughes recounts.

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STAFF PROJECTS

With the paint barely dry, Paul Chetter adds DCC sound to his latest acquisition, Dapol's newly tooled 'O' gauge London, Brighton and South Coast Railway 'A1' 0-6-0T.

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Hornby Magazine's comprehensive guide to forthcoming model railway events.

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The latest model railway releases with highlights from Hornby and Bachmann alongside new products from Oxford Diecast, Noch, Model Railway Scenery and more.

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YouChoos

DCC Sound ZIMO

ZIMO decoders are DCC's Rolls-Royce, featuring just about every feature you can imagine - ZIMO decoders offer the ultimate to both the novice and the most demanding modeller

Meet us at Warley Show Specials!
NEC Stand A16
28th & 29th November

LET'S MAKE SOME NOISE!

STEP 1 - select YouChoos sounds (loaded free with any ZIMO sound decoder)

STEAM

GWR 28XX, Prairie, Hall, 43-93XX Mogul, Pannier, Manor, 42XX, 56XX, Earl, Castle, 2251 Collett, King, City, Steam Railmotor
LMS 3F, 4F, Duchess/Coronation, Princess, Fairburn Tank, Jubilee, G2 Super-D, Black 5, Ivatt 2MT, Beyer Garratt, Royal Scot/Patriot, Hughes Crab 2-6-0, Midland Compound, Stanier 8F
LNER A1, A2, A3, A4, B1, B12, B17, J15, O4, K1, K4, D11, J52 Saddle, Q6
SR West Country/Battle of Britain, Merchant Navy, Lord Nelson, Schools, Q1
SECR N Class Woolwich, Wainwright 'C', Wainwright 'H' **LB&SCR** Terrier, E4
LSWR S15, N15 King Arthur, M7, T9, Beattie Well Tank **S&DJR** 7F **L&Y** Class 27 3F
BR Standard & War Department 3MT, 4MT, 5MT, Class 7 Britannia, Class 8 Duke, Class 9F inc Crosti variant, WD 2-8-0

DIESEL & ELECTRIC

Shunters Class 03/04, Class 08, Class 14, Class 20 **Electric & EMU** Class 86/87, 2-BIL / SR EMU e.g. Brighton Belle
Diesel Locomotives Class 24/25, Class 31, Class 33 Crompton, Class 35 Hymek, Class 37, Class 40, Class 42 Warship, Class 44/45/46 Peak, Class 47, Class 50, Class 52 Western, Class 55 Deltic, Class 56, Class 57, Class 60, Class 66, Class 70, Falcon
DMU & related GWR Diesel Railcar, Blue Pullman, Class 105, Class 108, Class 158, Class 205 Thumper, Class 43 HST, Class 220 Voyager, Class 128 Parcels

Planned (2015-2016)

Narrow Gauge, 14XX, N2, J39, J94, D49, V2, Class 58, Class 59, Class 67, Class 68, 150 DMU, 156 DMU, Desiro 185, Class 91, Eurostar 373, Pendolino 390, Javelin 395 (planned projects are subject to change and re-sequencing)

STEP 2 - select ZIMO sound decoder

						
	MX648	MX646	MX645	MX644D	MX695KS	MX695KV
Dimensions	20x11x4mm	28x10.5x4mm	30x15x4mm	30x15x4mm	50x40x14mm	50x40x14mm
AUX Outputs	6 Functions	4 Functions	10 Functions	8 Functions	8 Functions	14 Functions
Audio Power	1W	1W	3W	3W	6Wx2	6Wx2
Motor Power	0.8A (1.5A peak)	1A (1.5A peak)	1.2A (2.5A peak)	1.2A (2.5A peak)	6A (10A peak)	6A (10A peak)
Connection Types	6pin Wired 8pin Wired	6pin Direct 6/8pin Wired	8pin Wired	21pin Direct	Screw Terminals	Screw Terminals

STEP 3 - select ZIMO speaker (many more types available) - all are 8ohm

									
	MicroCube	SugarCube	SugarLump	LS15X25	LS23R	LS28R	LS1635B	LS2040B	FR55
Dimensions	12x8x8mm	15x11x9mm	15x11x12mm	15x25mm	23mm diam	28mm diam	39x20x8mm	58x22x8mm	50mm diam
Max Power	1W	1W	1W	1W	1W	1W	1W	3W	5W

STEP 4 - add ZIMO stay-alive (many more types available)

						
	Tantalum	Electrolytic	SuperCap	SPEIKOMP	ELKSODR	GoldCap
	7x4x3mm 220uF/16V (connect in parallel for more backup power)	20x10mm 1000uF/25V	20x16x6mm 6800uF/15V (~2 sec run-on)	Kit required for decoders that don't provide direct stay-alive connection (MX648/MX646)	SPEIKOMP 10x pack	7x pre-connected GoldCaps for MX695 large scale 140000uF/16V

Welcome

THE EDITOR'S PAGE



YOU WOULDN'T think it was possible for the plethora of proposed ready-to-run projects to get any better, but in fact it has! October has been a striking month for new announcements

with 10 new models being announced across 'OO', 'N' and 'O' scales - and covering everything from new locomotives through to humble ballast wagons too.

Hornby got the month off to a flying start with its surprise announcement of the Peckett 0-4-0ST for 'OO' gauge. This is by far the smallest locomotive to be revealed so far in its plans for 2016, but it is certainly an interesting departure from its more usual main line steam locomotive projects.

Industrial modelling has certainly increased and with the success of its Sentinel diesel shunter, which was re-released in September with coupling rods (HM101) - and projects from DJ Models covering the Hunslet 'Austerly' and Hudswell Clarke 0-6-0STs there has never been a better time to indulge

in a little industrial modelling. Heljan's recently released Class 05 (HM99) is perfectly suited to this area together with the Hatton's Class 14 and Bachmann Class 03 and 04 diesels - all of which were transferred into industrial service after careers on the main line network.

Also newly announced is DJ Models follow up to the Class 71 - the Class 74 for 'OO' - while the same manufacturer has also unveiled plans for five new wagons in 'N' gauge too.

In 'O' gauge Heljan has quietly revealed that it will be producing a brand new batch of Class 37s for 7mm scale, but this time with centre headcodes - a popular move for sure.

Update covers all these models and more with Dapol revealing plans for a 'OO' Class 59 and 'N' gauge prototype HST at its open day too alongside samples of its new Class 68 for 'OO'.

This packed issue sees three superb layouts featured in full including two that visitors to the highly popular Great Electric Train Show would have seen. Our team of modellers has been hard at work bringing together comprehensive features on Great Eastern section train formations, detailing the Hornby Crosti

'9F' 2-10-0, ballasting and more. Plus we are launching a new project layout in this issue - Nigel Burkin's compact Scottish Region model Loch Dhu built in 'OO' scale.

Behind the scenes the *Hornby Magazine* team is getting ready for the busy month of November when we will be out on the road at the Spalding Model Railway Exhibition on November 14/15 with Shortley Bridge and Felton Cement Works. Two weeks later on November 28/29 we will be at the Warley National Model Railway Exhibition at the NEC in Birmingham and in a change from our original plan we have decided to extract our office test track Topley Dale for a rare public appearance on the *Hornby Magazine* stand at the event. It will be great to have this model back out in the limelight two years after it was last seen.

We are looking forward to these events and being out with the layouts. They are a big part of what we do here at *Hornby Magazine*.

Enjoy the issue and we'll see you at the shows!

Mike Wild
Mike Wild
Editor

ISSUE GUIDE

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UPDATE

08

A staggering 10 new models have been announced this month! Get all the latest model railway news in Update.

BURSHAW NORTH WESTERN

52

Dave Forshaw's impressive 'N' gauge layout models the West Coast Main Line in the first years of the 1970s. This busy four track main line show just what can be achieved in 'N'.

WE SHOW YOU HOW

This month the *Hornby Magazine* team shows how to install DCC sound in a Bachmann 'N' gauge 'Merchant Navy' and Dapol's 'O' gauge 'Terrier', top tips for ballasting, how to detail Hornby's Crosti '9F' and more.

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Modelling the West Coast Main Line in 'N' gauge

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- Ballasting basics
- Detailing a Crosti '9F'
- 'Terrier' sound in 'O'

25 TRAIN FORMATIONS

Main line showpiece: BATH SPA HEYDAY

The famous Sydney Gardens recreated in 'OO' scale!

2016 Calendar

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SYDNEY GARDENS

20

Sydney Gardens in Bath is a very well known location. The Park Keepers set out to recreate this stretch of the Great Western Main Line in 'OO' to spectacular effect.

NEW PROJECT!

42

We love building layouts here at *Hornby Magazine* and this issue Nigel Burkin introduces the latest project for the magazine - Loch Dhu - and shows how to build plywood framed baseboards.

TRAIN FORMATIONS

32

The Great Eastern section featured an array of interesting motive power. Mark Chivers reveals 25 formations you can model.

DAPOL UPDATES... COLLECTORS AT CLUB



The prototype HST power car is to be reproduced in 'N' gauge by Dapol. John Vaughan/Railphotoprints.co.uk



The popular Class 59 heavy freight diesels are Dapol's latest 'OO' gauge project announcement. On Jun 1 1993 Yeoman operated Class 59 59004 Yeoman Challenger threads through Narrows Hill Junction, Bristol, with the 11.52am Merehead-Hallen Moor stone train for use in construction of the M48 motorway. John Chalcraft/Railphotoprints.co.uk.

DAPOL is set to impress with its plans to produce an all new 'OO' gauge model of the Class 59 diesel electric as well as a special edition model of the prototype High Speed Train (HST) for 'N' gauge. Both were revealed at its annual collector's club open day in early October.

First introduced in the mid 1980s, the Class 59 heavy freight diesels were the first privately owned locomotives to operate on British Rail (BR).

Dapol's new model will cater for the main detail differences between the three Class 59 subclasses with the first round of releases modelling 59002 Alan J Day in Foster Yeoman livery (Cat No. 4D-005-000), 59103 Village of Great Elm in ARC livery (4D-005-001), 59206 John F Yeoman in DB Schenker red (4D-005-002) and 59204 in National Power blue (4D-005-003).

Featuring controllable directional lighting these new models will also include provision for Digital Command Control (DCC)

Class 37 to return in 'O' gauge!



Heljan has revealed that it will be producing the centre headcode Class 37/0 for 'O' gauge for release in 2016. On May 15 1965 D6928 stands at Landore fuel point. John Chalcraft/Railphotoprints.co.uk.

Heljan is to produce a new version of the highly popular English Electric Class 37 in its 'O' gauge range featuring centre headcodes. First released in 'O' gauge with split headcodes, that version has sold out.

The new centre headcode Class 37 is expected to become available in late 2016 and will feature buffer shrouds, modifications to the roof to suit later built locomotives and a retail price of £649 per locomotive.

Four liveries are proposed covering BR green with small yellow warning panels, BR green with full yellow ends, BR blue with full yellow ends and BR 'large logo' blue. The specification will match previous 'O' gauge diesels from Heljan incorporating two five-pole motors, rotating roof fans, directional lighting and screw couplings fitted as standard.

● Visit www.heljan.dk for more information.

OPEN DAY



Recently received by Dapol is the first engineering sample of its Class 68 Bo-Bo diesel for 'OO'.

sound and the option of a diesel specific smoke unit too. Release is anticipated during the middle of 2016 and the 'N' gauge Class 59 is expected to follow approximately three months after the 'OO' model.

For 'N' gauge modellers, Dapol's announcement of the Class 41 prototype HST power car 41001, as preserved in the National Collection, follows on from development of its popular production HSTs for 'N'.

Built at BR's Crewe Works in 1972, this was the forerunner to

the production Class 43 power car and has recently been restored to full working order by the 125 Group under the Project Miller umbrella. Dapol's project is expected to be released in mid 2016. All profits from this new 'N' gauge model will be donated to Project Miller for the upkeep of the preserved power car.

The first running sample of Dapol's new 'OO' gauge Vossloh Class 68 diesel-electric has also arrived with the company for evaluation. Six versions of the

TABLE 1 - DAPOL LOCOS AND ROLLING STOCK PRODUCTION STATUS

SCALE	MODEL	STATUS
'N'	Maunsell 'Schools' 4-4-0	Decorated sample stage
'N'	Gresley 'A4' 4-6-2 (with valances)	Awaiting production
'N'	Class 33	Decorated sample stage
'N'	Class 50	Tooling
'N'/'OO'	Class 59	CAD/CAM drawing
'N'	Class 68	Awaiting tooling
'N'	Class 142	Second engineering prototype
'N'	Prototype HST	CAD approved
'N'	BR Mk 3 Trailer Guard Standard	In production
'N'	Maunsell four-compartment Brake Third	In production
'N'	Maunsell Brake Composite	In production
'N'	HIA aggregate hopper wagon	Design stage
'N'	MJA bogie box wagon	Design stage
'OO'	Adams 'B4' 0-4-0T	Design stage
'OO'	GWR Railcar	Tooling
'OO'	Class 68	Decorated sample stage
'OO'	Class 73	In production
'OO'	'Turbot' bogie ballast wagon	CAD/CAM drawing
'OO'	HIA aggregate hopper wagon	Tooling
'OO'	IDA SL45 lowliner container flat	Awaiting tooling
'O'	Class 08	Tooling complete
'O'	HAA/HEA hopper wagons	Awaiting tooling
'O'	10ft wagon chassis (17ft 6in wagon)	Tooling

new model are planned including 68002 and 68005 in DRS blue (4D-022-001/4D-022-002) 68010 and 68014 in Chiltern Railways silver and grey (4D-022-003/4D-022-004) and 68006 and 68007 in Scotrail Saltire colours (4D-022-005/4D-022-006).

Meanwhile, Dapol's newly-tooled 'OO' gauge Class 73 is currently in production following amendments to livery artwork and will be the first model to feature the company's new quieter 'hi-torque' motor, which is also due to

be fitted to the new 'OO' class 68.

A new quieter motor for Dapol's 'N' gauge models is also currently under development, with the manufacturer's 'N' gauge Bulleid 'Battle of Britain' 4-6-2 being the first model to feature this latest mechanism.

Following a year of consolidation many of the previously announced projects are now progressing once again through the production process (see Table 1).

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

DJM reveals Class 71 progress



DJ Models' 'OO' gauge BR Class 71 electric locomotive is the latest model to progress to the first engineering prototype (EP) stage of the process with a sample arriving for evaluation in October.

This crowd-sourced model features a die-cast metal chassis, coreless motor, factory fitted etched brass works plate, separate cab steps, 21 pin DCC decoder socket,

independent cab lights, headcode blinds and marker lights while two body styles have been tooled to cater for as-built and with revised cab roof vents. Priced at £125 for subscribers to this project, each of the first five models will also include a limited edition certificate. Orders are still being accepted.

● For more information visit www.kernowmodelrailcentre.com



Colourful 'Austerities' break cover

Hatton's has made full colour artwork for all of its 10 limited edition Hunslet 'Austerity' 0-6-0ST – to be produced using the new DJ Models tooling – available to download from its website.

All 10 locomotives are fully illustrated with decorated samples expected to be made

available for inspection during November. Completed models are scheduled to be released alongside DJ Models' main batch in the first quarter of 2016 with each Hatton's limited edition restricted to 200 pieces each.

● Visit www.ehattons.com/j94 for full details.

BACHMANN'S RETAILER OF THE YEAR

Gas Cupboard Models of Trowbridge in Wiltshire has been named Bachmann Europe's Retailer of the Year. Bachmann Europe's UK Sales Manager Tony Lowe presented Dave Simpson and Rachel Field with their prestigious award at one of their regular 'Railway Thursday' evening events.

● Visit www.gascupboardmodels.co.uk to find out more.

Hornby announces PECKETT

0-4-0ST



HORNBY has surprised the market with the announcement of the Peckett 'W4' 0-4-0ST for its 2016 range.

THIS latest addition reflects the growing popularity of industrial railway modelling.

Built from the late 1890s by Peckett and Sons at the company's Atlas Engine Works in Bristol, these late Victorian saddle tank locomotives had a wide geographical spread and could be found working at industrial complexes across the British isles.

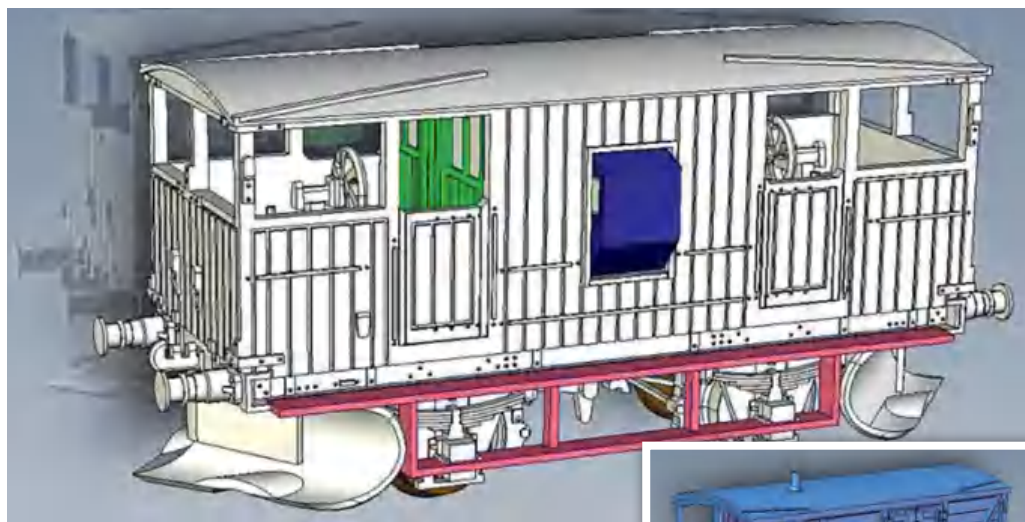
While they appear to be to a common standard design, there were variations including reduced height examples. As industry has

DJ Models reveals five new wagons

With development work gathering pace on its 'OO' and 'N' gauge projects, DJ Models (DJM) has revealed plans to produce five new 'N' gauge wagons covering the ZUV 'Shark' 20ton ballast plough, ZJO/ZJV 'Mermaid' ballast wagon, YCV 'Turbot' bogie ballast wagon, Bogie bolster E wagon and a London & South Western Railway (LSWR) road van.

Each model is being developed with a close coupling mechanism, darkened wheels and NEM couplings. In addition, the 'Shark' will feature a set of ballast ploughs, a detailed veranda and will be available in a wide range of liveries including BR black, BR olive green, unbranded EWS maroon and BR engineers' 'Dutch' grey and yellow. With prices set at £19.95 each, this model has already been CAD/CAM designed and is currently awaiting tooling.

Twelve different ZJO/ZJV 'Mermaid' side tipping ballast wagons are planned across four liveries comprising BR black, BR Indian red, BR olive green and BR engineers' 'Dutch' grey and yellow.



A removable moulded ballast load will be included with each model. Priced at £19.95 each, this model is currently in tooling and anticipated for release in March 2016.

DJM's 'N' gauge YCV 'Turbot' bogie ballast wagon is currently at the design stage and will be produced in BR engineers' 'Dutch' grey and

yellow and EWS maroon livery. It will include separate steps and handrails as well as a removable ballast load. Currently at the CAD/CAM design stage, prices are set at £25.95 each with delivery anticipated for mid-2016.

The 'N' gauge LSWR road van has been developed using laser scan data recorded for Kernow Model Rail Centre's 'OO' gauge model. Available in Southern Railway (SR) brown with large lettering, SR brown with small lettering and BR grey, each model is priced at £22.50. Currently awaiting tooling, a delivery date has yet to be announced.



Finally the Bogie Bolster E, which formed the basis for many of the 'Turbot' bogie ballast wagon rebuilds, has progressed to the CAD/CAM design stage, although at the time of going to press price, livery and specification details had yet to be confirmed.

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





contracted over the years, so these reliable industrial workhorses were often sold on to other companies and continued under different owners which has resulted in a large number of potential liveries being carried by the prototypes. Three of the 0-4-OSTs have survived into preservation.

Hornby's new 'OO' gauge model was due to be announced as part of the 2017 range, but due to the popularity of the manufacturer's Sentinel diesel shunter (HM101), it has now been brought forward with an anticipated release in late 2016.

Hornby's design team has

completed CAD drawings following access to works drawings, photographs and a preserved example. A rapid prototype 3D printed model has been produced to check that the overall shape of the model is correct before it can move to the tooling stage.

The Peckett 'W4' 0-4-OST is still at a very early stage in its development and whilst a large number of liveries are possible, Hornby is inviting suggestions of potential colour schemes through its website.

Prices have yet to be confirmed.

● Visit www.hornby.com for more information.

Lynton and Barnstaple tank revealed



The model, revealed in early 2013, is now at an advanced stage of proving and is expected to be released in mid-2016. It will be DCC ready with a 6-pin decoder socket with a retail price of £189.95.

Three versions are planned as 759 Yeo in Lynton and Barnstaple green and brown (Cat No. 9950) together with 760 Exe (9951) and 761 Taw (9952) in Southern Railway livery.

● Visit www.heljan.dk for more information.

Covering new territory for Heljan, the first sample of its first 'OO' gauge steam locomotive was revealed during October when a running sample of the Lynton and Barnstaple Railway Manning Wardle 2-6-2T broke cover.

Pithead leads Langley's 2016 releases

A set of lattice pithead gear for 'OO' spearheads a line of new releases from Langley Models.

The new etched kit includes a large twin wheel pithead frame, ladders, safety railings, lift frame, lift cage and more. To accompany the kit, two sets of pithead props and a pack of mining figures have also been released while a cast resin tugboat with lifeboats and white metal accessories including masts, winches and tyre fenders completes the 1:76 scale line up.

New 2mm:1ft scale additions include a selection of church stained glass windows, garage workshop ramps and equipment together with seated passengers and station platform staff. See Table 2.

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

TABLE 2 - LANGLEY MODELS NEW RELEASES

SCALE	DESCRIPTION	PRICE
2mm	Traditional wooden fishing trawler	£27.80
2mm	Church stained glass windows and frames	£6.10
2mm	Garage ramp and equipment	£5.10
2mm	Seated passengers (set 1)	£4
2mm	Seated passengers (set 2)	£4
2mm	Station platform staff	£6
4mm	Lattice pit head gear	£210
4mm	Mining figures with equipment	£5.10
4mm	Pit props open and canvas covered	£4.60
4mm	Pit props closed for yard clutter	£4.60
4mm	96ft steel tug boat (resin)	£117.80



Hornby's Maunsell 58ft coaches near production

New engineering prototype samples of Hornby's forthcoming 'OO' gauge Southern Railway (SR) Maunsell 58ft non-corridor coaches have arrived for assessment. The latest images show much progress on these models which will feature separately fitted door grab

handles and handrails, fine metal pipework, roof ventilators and brake pipes. Available in SR Maunsell olive green, the coaches are £39.99 each with delivery anticipated during the third quarter of 2016.

● Visit www.hornby.com for more information.



DJ Models launches CLASS 74 ELECTRO-DIESEL

THE BR Class 74 electro-diesel has been unveiled as DJ Models next crowd sourced project following successful campaigning to get its Class 71 electric locomotive off the ground – see separate story. Ten Class 74s were converted from redundant Class 71s at BR's Crewe Works in the late 1960s primarily for use on BR Southern Region boat trains between London Waterloo, Southampton Docks and Weymouth Quay.

DJ Models' new Class 74 will feature a similar specification to the Class 71 with a DCC ready die-cast metal chassis, provision for DCC sound installation, coreless motor and close coupling mechanism.

Five versions of the Class 74 are planned initially, all in BR blue, as 74009 (Cat No. DJMOO74-001), 74003 (DJMOO74-002), E6101 (DJMOO74-003), E6106 (DJMOO74-004) and 74010 (DJMOO74-005KW), the latter model featuring a weathered paint finish.



The Class 74 is to be produced in 'OO' by DJ Models as a follow up to its Class 71. 74003 passes through Eastleigh with a London Waterloo-Weymouth Channel Islands boat train on July 16 1977. Railphotoprints.co.uk.

This project is being administered through Kernow Model Rail Centre on behalf of DJ Models and will enable the remaining tooling to be completed, as some elements have

already been built in whilst tooling the outwardly similar Class 71.

Prices are set at £139.99 for pristine models and £149.99 for the special edition weathered

model with a £20 discount available for customers who also supported the Class 71 project.

● **For more details visit**
www.kernowmodelrailcentre.com.

Farish '64XX' undergoes evaluation



Bachmann has received the first engineering sample of its developing 'N' gauge GWR '64XX' 0-6-0PT for evaluation.

The 'Pannier' will feature Bachmann's new coreless motor, separately fitted fine metal handrails, NEM coupling

pockets and a 6-pin DCC decoder socket designed to accept the company's recently introduced right-angled decoder.

Representing the early style of cab and bunker design, three models will be available as 6407 in GWR green (Cat No. 371-985),

6417 in BR black with early crests (371-986) and 6412 in BR lined green with late crests (371-987).

Prices are set at £89.95, although a delivery date has yet to be confirmed.

● **Visit** www.bachmann.co.uk **for more information.**

100 PRIZE WINNER!

■ The winner of HM100's grand giveaway of 100 prizes is A Styles from Kempston in Bedford. Congratulations!

S&D LAYOUTS STAR AT WSR SPRING GALA

The West Somerset Railway's 2016 spring steam gala will mark the 50th anniversary of the closure of the Somerset & Dorset Joint Railway in March 1966.

The event will also be commemorated in model form with a model railway display including Taunton and District Model Railway Group's 4mm scale Bath (Green Park) layout and Alistair Knox's 'N' gauge creation of Burnham-on-Sea station, throughout the weekend.

The spring event will take place at the West Somerset Railway on March 5/6 2016.

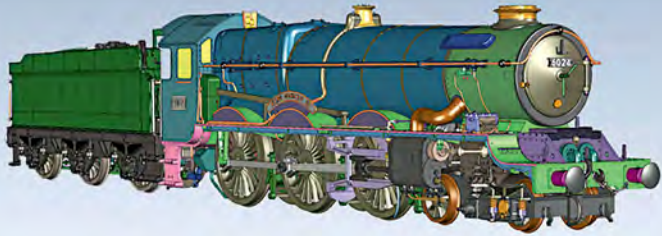
● **Visit** www.west-somerset-railway.co.uk **for more details.**

DEALER DIRECTORY UPDATE

Edward Exley Model Railways, as listed in the *Hornby Magazine* Dealer Directory issued free with HM101, is no longer based at the address shown.

Please do not use the contact details provided. In addition, the contact telephone number for Northolt MRC printed in the clubs and societies section should read 07713 242756.

Hatton's reveals... final 'King' drawings



The latest set of drawings for Hatton's new 'OO' gauge model of the GWR 'King' 4-6-0 have been released offering a new look at this high specification model. The model is being produced by DJ Models on behalf of Hatton's.

Delivery of completed models is expected in Spring 2016 with the models featuring a gear driven chassis to all the driving axles in the locomotive, a tender mounted 21-pin Digital Command Control (DCC) decoder socket, smokebox interior detail, alternative step, cab and lubricator fittings for different periods and smokebox door numberplates mounted on separate brackets. Other detail differences include full height and cut down chimneys – the latter to suit preserved locomotives – modifications to the cab roof vents, optional lamps, detailing between the frames and a myriad of separately fitted pipework.

Hatton's Research and Development Manager Dave Mylett said: "These drawings are all but complete, but there are some minor alterations still to be made. These include adding the missing seam to the smokebox top together



with a similar modification to the boiler where the cladding meets. We are aiming to have complete models available in Spring 2016."

Fifteen versions of the 'King' are being released by Hatton's covering GWR and BR period locomotives. Each will be customised to represent the particular prototype with prices starting at £169 for a DCC ready model and rising to £179 for a DCC fitted model.

● Visit www.hornbymagazine.com for more images from the CAD/CAM drawings and www.ehattons.com/king for full listings of all the versions being produced.

Locomotion speeds away with HST bonanza

Locomotion Models has commissioned Hornby to produce two new limited edition 'OO' gauge Class 43 High Speed Train (HST) power car packs from Hornby.

The first represents newly named First Great Western HST power car 43172 *Harry Patch*, which carries a special commemorative livery in remembrance to those who fell during the First World War. Coupled with standard First Great Western blue HST power car 43154, this special limited edition of 500 packs (Cat No. R3379) is available now exclusively through Locomotion Models, priced at £220.

The second limited edition marks the National Railway Museum's 40th anniversary and features Virgin Trains East Coast (VTEC) 43238 *National Railway Museum 40 Years 1975-2015* in its celebratory red and grey livery featuring NRM logos and details of exhibits held in the National Collection.

This limited edition pack will also include power car 43312 in VTEC's standard red livery which accompanied the newly-named power car at the ceremony in York on September 23.

Due for delivery next year, prices have yet to be confirmed.

● For more information visit www.locomotionmodels.com.

WIN WORTH £180 A Hornby 'MASTER OF THE GLENS' TRAIN SET



QUESTION

Who designed the LNER 'P2' 2-8-2?

a. Churchward **b.** Stanier **c.** Gresley

Hornby Magazine has joined forces with Hornby Hobbies to offer an exclusive chance to win its very latest train set – the 'Master of the Glens' featuring Gresley 'P2' 2-8-2 2001 *Cock o' the North*. The set contains everything you need to get started in building a first layout including a circuit of track with a point and siding, an analogue controller, buffer stop, three

Gresley teak carriages and of course the magnificent 'P2'.

To be in with a chance of winning this fantastic prize, all you have to do is answer the following simple question and send your answer to us by December 10 2015.

Even if you don't win this superb train set can be purchased through Hornby's retailer network or online at www.hornby.com.

HOW TO ENTER

Send your answer in by visiting www.hornbymagazine.com and fill in the entry form. Or send your answer, subscriber number (if applicable), and full contact details on a postcard to 'Hornby Magazine Master of the Glens competition', Key Publishing, PO Box 100, Stamford, Lincolnshire PE9 1XQ. Alternatively, send the same details by e-mail to competitions@keypublishing.com with 'Hornby Magazine Master of the Glens competition' in the subject field.

RULES: Strictly no multiple entries. The winner will be the first correct answer drawn at random immediately after the closing date. There is no cash alternative, and no correspondence can be entered into. The competition is not open to employees of Key Publishing or Hornby Magazine. The Marketing Manager's decision is final. The winner will be notified by post, and will be published in HM104. The closing date for entries is December 10 2015 and winners will be notified within a week of the closing date. No purchase necessary.

Anticipation grows for WARLEY 2015

PREVIEW



The Horfield Model Railway Group will be exhibiting its Western Region main line layout Horfield (HM80).



Hornby Magazine's Topley Dale (HM92) will be making a rare public outing at the Warley National Model Railway Exhibition on November 28/29.

THE COUNTDOWN is on for the Warley National Model Railway Exhibition at the National Exhibition Centre (NEC) Birmingham on the weekend of November 28/29.

A week later than usual, this highlight of the railway modelling calendar promises 90 layouts this year including Ian Corps' Botleigh Old North Road (HM6), Warley Model Railway Club's Broadwater Junction (HM89), Redditch Model Railway Club's Chilcompton (HM8), Peter Goodman's Crewisle (HM84), Bill Auld's Eaglesham (HM67), Wayne Webb, Tony Frazer and Bob Taylor's Dentedale (HM95), Graeme Marriott and Colin Postlethwaite's Grathwaite Junction (HM59), Horfield Model

Railway Group's Horfield (HM80) and Northwick from Twickenham and District Model Railway Club (HM48).

The *Hornby Magazine* stand will have a special guest in the form of 'OO' gauge office test track Topley Dale which will be making a rare public appearance. The layout will take centre stage showcasing a selection of the very latest releases throughout the weekend with full digital control. The *Hornby Magazine* team will be on hand to answer your questions – and we'll also have our latest publications available to purchase including *Hornby Magazine Weathering Skills Guide Volume 2* and *Hornby Magazine Yearbook No. 8*. There will be special show-only offers on subscriptions and our

THE DETAILS

Event:	Warley National Model Railway Exhibition
When:	November 28/29
Where:	Birmingham National Exhibition Centre, Hall 5, B40 1NT
Times:	Sat 9.45am-6.00pm, Sun 9.45am-5.00pm
Website:	www.thewarleyshow.co.uk
Prices:	Adult one day £14, Adult two day £24.50 Child one day £8.50, Child two day £15 Family one day (2+3) £41.50.

range of limited edition models.

Once again, the show will feature a full-size prototype locomotive as its centrepiece and this year sees London & North Western Railway 'Coal Tank' 0-6-2T 1054 on display.

Major model manufacturers will be in attendance including Bachmann, Dapol, Golden Age Models, Graham Farish, Heljan, Hornby,

Rapido Trains and, for the first time, Oxford Diecast. Some exciting new product announcements are also expected over the weekend.

The Warley show is a perfect opportunity to do some shopping, and promises a wide selection of traders including ADM Turntables, C&L Finescale Modelling, Cheltenham Model Centre, DC Kits and Models, DCC Supplies, Digitrains, Ellis Clark Trains, Gaugemaster Controls, Golden Age Models, Grimy Times, Hereford Model Centre, Invicta Model Rail, Kernow Model Rail Centre, Langley Models, Lord and Butler, Mercian Models, Skytrex, South West Digital, Ten Commandments, The Model Tree Shop, TMC, Train-Tech, Wealistic Models and many more.

● Visit www.thewarleyshow.co.uk for full exhibit, trade and demonstration listings.



The Warley show is a busy event with 90 layouts and more than 100 traders booked to attend.

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We stock 1,000s of products from more than 30 leading manufacturers. And don't worry if you're not digital. We're also a traditional model shop, holding all the major ready-to-run lines



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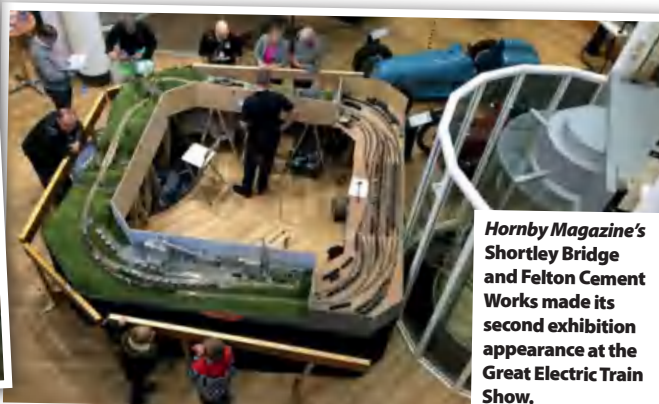
We regularly attend railway shows countrywide. Please check website for details

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Paul Wade's Tonbridge West Yard was awarded the Best in Show trophy as selected by the *Hornby Magazine* team. Its busy layout and intensive operation all contributing to its popularity.



Hornby Magazine's Shortley Bridge and Felton Cement Works made its second exhibition appearance at the Great Electric Train Show.

STUNNING SUCCESS AS MORE THAN

4,500

VISIT...

THE

GREAT ELECTRIC
TRAIN SHOW

MORE than 4,500 visitors attended the third Great Electric Train Show at the Heritage Motor Centre in Gaydon, Warwickshire, on October 10/11 for a spectacular weekend of railway modelling.

With 27 layouts, 30 traders and a wealth of demonstrators in the enlarged Skills Zone, there was plenty to entertain the whole family with layouts including Ackthorpe (HM39), Fisherton Sarum (HM22), Leicester South GC (HM79), Rumbling Bridge (HM94), Sydney Gardens (see pages 20-29), Widnes Vine Yard (HM38) and many more.

Hornby Magazine Editor Mike Wild said: "The 2015 Great Electric Train show was a wonderful success and early feedback suggests visitors, exhibitors and traders were as delighted as they looked. We're now looking forward to preparing an even bigger and better exhibition next year – and we'll be revealing the details in future issues.

"On behalf of all of the *Hornby*



Redditch Model Railway Club's Oakenshaw won the Visitor Choice trophy at the Great Electric Train Show for its stunning scenic modelling.



Lincoln and District MRC's Aisthorpe was one of the layouts flying the flag for 'O' gauge.



Fisherton Sarum by Graham Muspratt offers a different slice of railway history by modelling the Southern Railway in 1946-1949.



With its DCC sound fitted locomotives Mike Bisset's St Marnock Shed was popular with all ages.



Leicester South GC's storage yard was inspirational on its own!

Magazine, Key Publishing and Heritage Motor Centre teams, I'd like to thank everyone who helped put this exhibition together and those that took part in it to make it such a key part of the model railway calendar in only its third year."

The Great Electric Train Show saw the exhibition debut of *Hornby Magazine's* latest 'N' gauge layout project, West Riding Power, which features in the new *Hornby Magazine Yearbook No. 8*, together with *Hornby Magazine's* 'OO' gauge Eastern Region layout Shortley Bridge and Felton Cement Works, which greeted visitors at the entrance to the show.

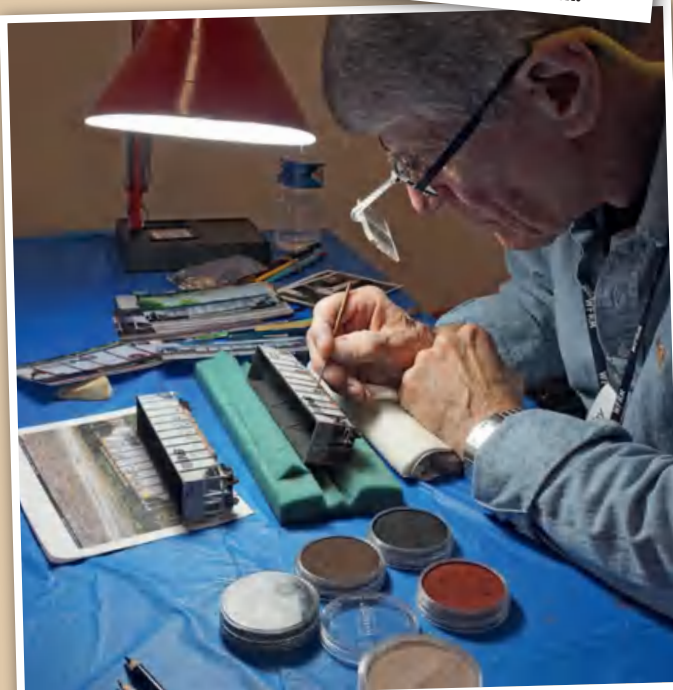
The Skills Zone demonstration area provided plenty of inspiration including Mick Bonwick and Tony Sissons' weathering displays with hands on opportunities for visitors. Alan Buttler made his debut appearance at the event with his superbly popular Modelu 3D laser-scanning equipment, while other demonstrations included 82G's locomotive clinic, Paul Chetter's

Digital Command Control (DCC) sound display, Greenscenes' static grass presentations and Ceynix Trees' master classes on trees.

Redditch Model Railway Club's 'OO' gauge layout Oakenshaw (HM88) was awarded the Visitors Choice trophy, voted by visitors to the show, while Paul Wade was presented with the Best in Show award for Tonbridge West Yard, which has recently returned to the exhibition circuit following a long spell in retirement. A full feature on this popular 1990s layout is coming up in HM103, on sale December 10.

Bachmann, Hornby and Locomotion Models each showcased samples of their latest projects while Gaugemaster Controls took the opportunity to launch its new PM10 solenoid point motor. Traders reported brisk business throughout the weekend with plenty to tempt visitors at the show.

● **Next year's Great Electric Train Show takes place on October 8/9 2016.**

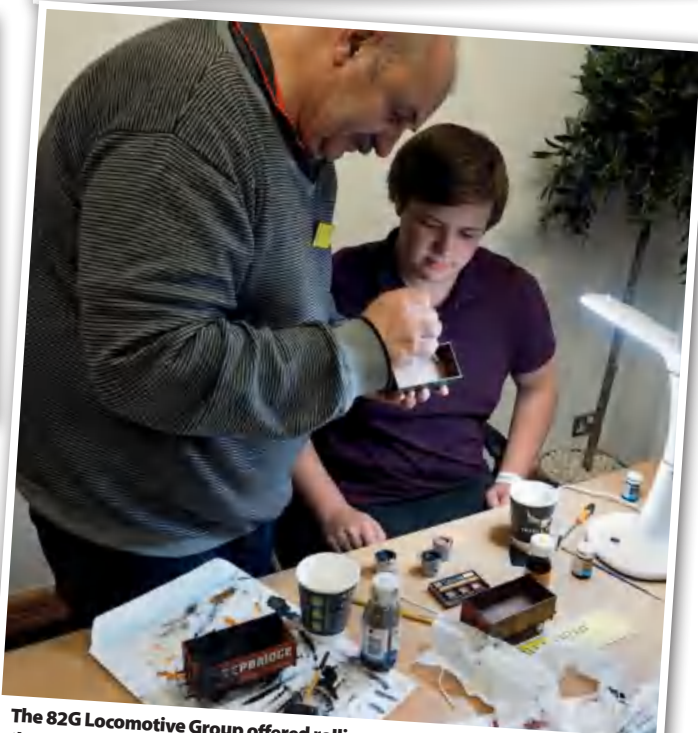


Weathering demonstrations were popular with visitors of all ages. Tony Sissons demonstrates the use of powders.

Abbotswood Junction rekindled memories of the early 1970s with its diesel-led roster.



Hornby Magazine's new 'N' gauge layout West Riding Power made its public debut at the show. It is the project layout for *Hornby Magazine Yearbook No. 8*.



The 82G Locomotive Group offered rolling stock based demonstrations through the weekend.

GAUGEMASTER.com

The Online Home of The Engine Shed

DCC CONTROL

DIGITAL CONTROL SYSTEMS



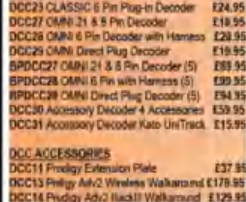
DCC41 Prodigy Express System £149.95



DCC42 Prodigy Advanced2 System £279.95



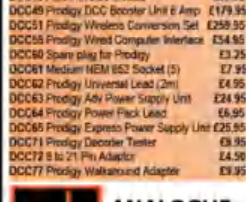
DCC43 Prodigy Advanced2 Wireless System £479.95



DCC44 Prodigy Advanced2 Wireless System £479.95



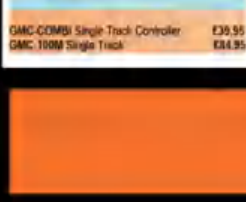
DCC45 Prodigy Advanced2 Wireless System £479.95



DCC46 Prodigy Advanced2 Wireless System £479.95



DCC47 Prodigy Advanced2 Wireless System £479.95



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- GMC-100MD Single Track O Scale £84.95
- GMC-100LB Single Track G Scale £39.95
- GMC-100BSF Single Track O Scale £169.95
- GMC-P Single Track Simulation £59.95
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GMC-100MD Single Track O Scale £84.95



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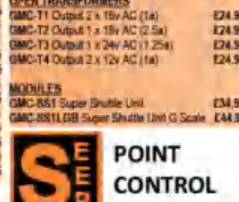
GMC-100BSF Single Track O Scale £169.95



GMC-P Single Track Simulation £59.95



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GMC-100BSF Single Track O Scale £169.95

- GMC-CDU Capacitor Discharge Unit £13.95
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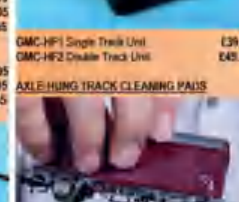
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- GM67 Extra Long Track Pins 16mm £2.60



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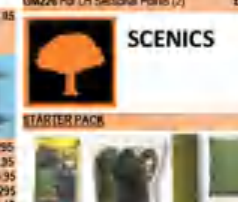
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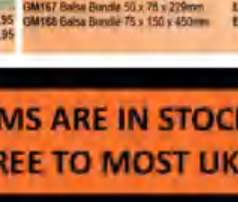
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- GM16 Code 82 (N) Rail Joiners (24) £2.35
- N SCALE TRACK ACCESSORIES
- GM46 N Re-Railer £2.95
- GM53 N Scale Buffer Stop £19.95
- BP0M53 N Scale Buffer Stop (Pack of 5) £19.95



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GM16 Code 82 (N) Rail Joiners (24) £2.35



N SCALE TRACK ACCESSORIES



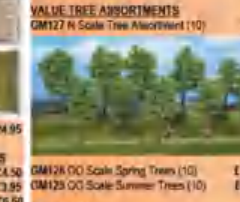
GM46 N Re-Railer £2.95



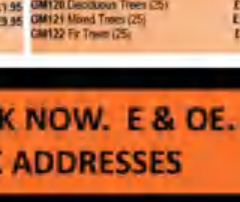
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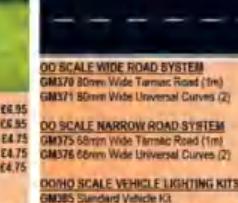
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GM21 Summer Grass Mat 100cm x 75cm £7.95



GM22 Autumn Grass Mat 100cm x 75cm £7.95



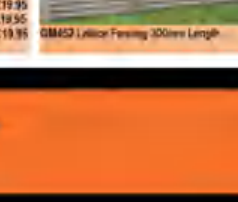
GM23 Green Mat 100cm x 75cm £5.95



GM24 Spring Grass Mat 240cm x 120cm £29.95



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- GMC-PM1 Motor with Built-In Switch £3.35
- GMC-PM2 Motor No Switch £4.95
- GMC-PM4 Motor Latching Mechanism £5.25



POINT MOTORS



GMC-PM1 Motor with Built-In Switch £3.35



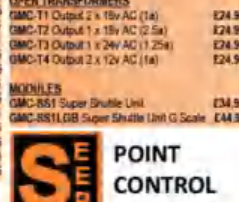
GMC-PM2 Motor No Switch £4.95



GMC-PM4 Motor Latching Mechanism £5.25



POINT MOTORS



GMC-PM1 Motor with Built-In Switch £3.35



GMC-PM2 Motor No Switch £4.95



GMC-PM4 Motor Latching Mechanism £5.25

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- GMC-EM1 N Electro Magnetic Uncoupler £5.95
- GMC-EM2 Coupling Adaptor Fret (20) £4.95
- GMC-TLU OO Tension Lock Uncoupler £10.95



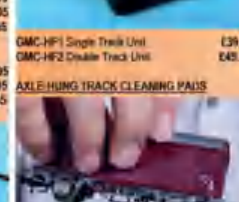
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GMC-TLU OO Tension Lock Uncoupler £10.95



UNCOPPLERS



GMC-EM1 N Electro Magnetic Uncoupler £5.95



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- TRACK
- GM20 Flexible Ballasted Underlay (5m) £22.95
- GM24 Point & Crossing Ballasting Kit £7.95



TRACK



GM20 Flexible Ballasted Underlay (5m) £22.95



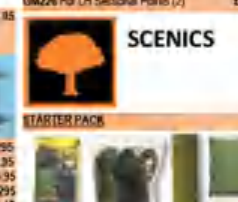
GM24 Point & Crossing Ballasting Kit £7.95



TRACK



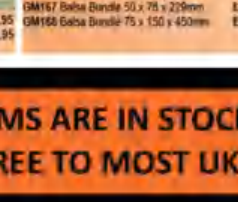
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GM24 Point & Crossing Ballasting Kit £7.95



TRACK



GM20 Flexible Ballasted Underlay (5m) £22.95

- OO BROWN BALLASTED UNDERLAY SYSTEM
- GM11 OO/HO Brown Ballast (500g) £3.95
- GM20 Flexible Ballasted Underlay (5m) £22.95
- GM24 Point & Crossing Ballasting Kit £7.95



OO BROWN BALLASTED UNDERLAY SYSTEM



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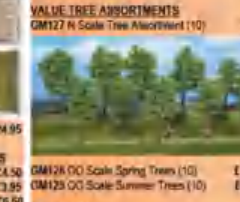
GM24 Point & Crossing Ballasting Kit £7.95



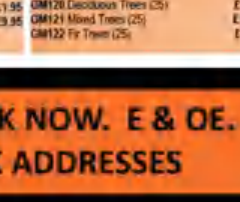
OO BROWN BALLASTED UNDERLAY SYSTEM



GM11 OO/HO Brown Ballast (500g) £3.95



GM20 Flexible Ballasted Underlay (5m) £22.95



GM24 Point & Crossing Ballasting Kit £7.95

- N GREY BALLASTED UNDERLAY SYSTEM
- GM15 N Granite Ballast (500g) £3.95
- GM18 N Granite Ballast (200g) £2.35
- GM201 N Flexible Ballasted Underlay (5m) £22.95
- GM205 N Point & Crossing Ballasting Kit £7.95



N GREY BALLASTED UNDERLAY SYSTEM



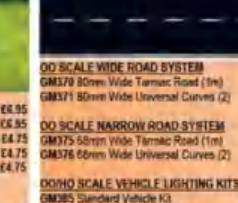
GM15 N Granite Ballast (500g) £3.95



GM18 N Granite Ballast (200g) £2.35



GM201 N Flexible Ballasted Underlay (5m) £22.95



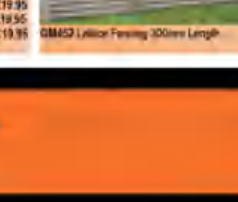
GM205 N Point & Crossing Ballasting Kit £7.95



N GREY BALLASTED UNDERLAY SYSTEM



GM15 N Granite Ballast (500g) £3.95



GM18 N Granite Ballast (200g) £2.35

- OO SCALE CORK TRACKBED SYSTEM
- GM251 3mm Cork Trackbed 15 x 50cm (2) £4.50
- GM240 For RH Sectional Points (2) £3.95
- GM241 For LH Sectional Points (2) £3.95
- GM244 For RH Sectional Curved Points (2) £3.95
- GM245 For LH Sectional Curved Points (2) £3.95
- GM247 For Y Sectional Points (2) £3.95



OO SCALE CORK TRACKBED SYSTEM



GM251 3mm Cork Trackbed 15 x 50cm (2) £4.50



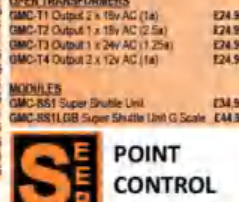
GM240 For RH Sectional Points (2) £3.95



GM241 For LH Sectional Points (2) £3.95



GM244 For RH Sectional Curved Points (2) £3.95



GM245 For LH Sectional Curved Points (2) £3.95



GM247 For Y Sectional Points (2) £3.95



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- GM245 For LH Sectional Curved Points (2) £3.95
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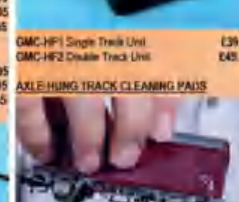
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GM244 For RH Sectional Curved Points (2) £3.95



GM245 For LH Sectional Curved Points (2) £3.95



GM247 For Y Sectional Points (2) £3.95



N SCALE CORK TRACKBED SYSTEM

- SCENICS
- GM180 Light Green Hedgehog (1m) £6.95
- GM151 Dark Green Hedgehog (1m) £6.95
- GM164 Light Green Lichen (80g) £4.75
- GM165 Dark Green Lichen (80g) £4.75
- GM166 Assorted Lichen (80g) £4.75



SCENICS





STRUCTURES

OO SCALE LASER CUT KITS (C16)



GM357 Garden Shed Kit £6.00

OO SCALE 'FORDHAMPTON' PLASTIC KITS

Fordhampton is a bustling market town on a busy railway running through the rolling South Downs. With both local and express services passing through, Fordhampton Station serves all kinds of trains from commuter shunting to and from London as well as excursion to the seaside in Brighton! Whoever you are going the station master will be happy to help you get to your destination.



GM361 Fordhampton Station £25.50



GM362 Fordhampton Signal Box £18.50



GM363 Fordhampton Footbridge £17.50



GM364 Fordhampton Level Crossing £11.50



GM365 Fordhampton 40y Emsie House £15.95



GM366 Fordhampton Locomotive Shed £19.95



GM367 Fordhampton Carriage Platform £8.95

Look out for more additions to Fordhampton as and when planning permission is granted!

KESTREL DESIGNS

N GAUGE PLASTIC KITS

- GM301 House £4.25
- GM302 Shop £4.25
- GM303 Burglars £3.58
- GM304 Church with Porch £3.75
- GM305 House/Shop Unit with Gable £3.50
- GM306 Two Shop Unit with Gable £3.50
- GM307 Four House Unit £3.50
- GM308 Country Station £3.58
- GM309 Station Buildings £3.25
- GM310 Island Platform with Flat Canopy £3.00
- GM311 FM Clergy £3.75
- GM312 Small Signal Box £3.00
- GM313 Farm Rail Fencing Brown £3.00
- GM314 Farm Rail Fencing White £3.00
- GM315 Telephone Poles £3.00
- GM316 Wireless Domes & Gullies £3.25
- GM317 Platform (2) £2.25
- GM318 Platform (2) £2.25
- GM319 Station Farm Huts £3.25
- GM320 Station Buildings & Office £3.25
- GM321 Level Crossing/Keepers Cottage £3.25
- GM322 Four Greenhouses £3.00
- GM323 Two Domestic Garages £3.00
- GM324 Valley Tower £3.75
- GM325 Corner Shop £4.58
- GM326 Corner Pub £4.58
- GM327 Three Storey Townhouse £3.75
- GM328 Three Storey Townhouse £3.75
- GM329 Modern Station £3.75
- GM330 Modern Station Waiting Room £3.75
- GM331 Station Master's House £3.75
- GM332 Pair Post Box Year Semi Det. Houses £3.75
- GM333 Telephone & Chimney £3.75
- GM334 Steeple Block £3.75
- GM335 Glass Shed £3.75
- GM336 Farm £3.75
- GM337 Farm House £3.75



GM338 Steel Footbridge £7.25

GM339 Modern Industrial Unit £7.25

GM340 Modern Fire Station £7.25

GM341 Platform Wide (2) £7.25

GM342 Platform Ramps Wide (2) £7.25

GM343 Goods Shed £7.50

GM344 Town Station £16.95

GM345 Factory with Chimney £19.95

N GAUGE LASER CUT KITS

The items in this kit are detailed OO gauged for 1:43 scale, but will fit into the 1:43 scale layout.

GM346 HSS Jibbs Drills 0.3 (5) £5.00

GM347 HSS Jibbs Drills 0.4 (5) £5.00

GM348 HSS Jibbs Drills 0.5 (5) £5.00

GM349 HSS Jibbs Drills 0.6 (5) £5.00

GM350 HSS Jibbs Drills 0.7 (5) £5.00

GM351 HSS Jibbs Drills 0.8 (5) £5.00

GM352 HSS Jibbs Drills 0.9 (5) £5.00

GM353 Spare Blades for GM354 £5.00

GM354 Spare Blades for GM355 £5.00

GM355 Spare Blades for GM356 £5.00

GM356 Spare Blades for GM357 £5.00

GM357 Spare Blades for GM358 £5.00

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GM382 Spare Blades for GM383 £5.00

GM383 Spare Blades for GM384 £5.00

GM384 Spare Blades for GM385 £5.00

GENERAL MODELLING TOOLS

- GM385 Modelling (1 Year) £8.95
- GM386 Track Rubber £3.15
- GM387 Junction Track Rubber £3.75
- GM388 A2 Cutting Mat £14.95
- GM389 A3 Cutting Mat £9.95
- GM390 A4 Cutting Mat £4.95
- GM391 A5 Cutting Mat £2.95
- GM392 Round Nose Pliers £8.75
- GM393 Flat Nose Pliers £6.75
- GM394 Side Cutters £6.75
- GM395 Half Round Pliers £6.75
- GM396 Bent Nose Pliers £6.75
- GM397 5/16" Tweezers (4) £7.95
- GM398 Double Ended Pin Vice £3.75
- GM399 1/4" Sawset Handle £3.75
- GM400 1/4" Sawset Handle £3.75
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GM501 Set of 10 Modelling Tools £19.95

RAZOR SAWS

- GM502 Razor Saw Superline £14.95
- GM503 1/4" Saw Set £12.95
- GM504 Razor Saw Fine £14.95
- GM505 Razor Saw Medium £14.95
- GM506 Razor Saw Coarse £14.95
- GM507 Razor Saw Extra Coarse £14.95
- GM508 Razor Saw Ultra Coarse £14.95
- GM509 Razor Saw Ultra Fine £14.95
- GM510 Razor Saw Ultra Coarse £14.95
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- GM550 Razor Saw Ultra Coarse £14.95

SOLDERING IRONS & BITS

- GM551 15W 230V Soldering Iron £14.95
- GM552 25W 230V Soldering Iron £14.95
- GM553 40W 230V Soldering Iron £14.95
- GM554 15W No 6 Tip £3.95
- GM555 15W No 8 Tip £3.95
- GM556 25W No 6 Tip £3.95
- GM557 25W No 8 Tip £3.95
- GM558 40W No 6 Tip £3.95
- GM559 40W No 8 Tip £3.95
- GM560 40W No 10 Tip £3.95
- GM561 40W No 12 Tip £3.95
- GM562 40W No 14 Tip £3.95
- GM563 40W No 16 Tip £3.95
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- GM566 40W No 22 Tip £3.95
- GM567 40W No 24 Tip £3.95
- GM568 40W No 26 Tip £3.95
- GM569 40W No 28 Tip £3.95
- GM570 40W No 30 Tip £3.95
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- GM579 40W No 48 Tip £3.95
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- GM582 40W No 54 Tip £3.95
- GM583 40W No 56 Tip £3.95
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- GM596 40W No 82 Tip £3.95
- GM597 40W No 84 Tip £3.95
- GM598 40W No 86 Tip £3.95
- GM599 40W No 88 Tip £3.95
- GM600 40W No 90 Tip £3.95

SOLDERING ACCESSORIES

- GM601 Solder 60/40 70 degrees (20g) £2.95
- GM602 Solder 60/40 70 degrees (20g) £2.95
- GM603 Solder 60/40 70 degrees (20g) £2.95
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- GM650 Solder 60/40 70 degrees (20g) £2.95

GENERAL ELECTRICAL ACCESSORIES

- GM651 1/2" Corded Leads (Pins/Bare Wire) £4.95
- GM652 1/2" Corded Leads (Pins/Bare Wire) £4.95
- GM653 1/2" Corded Leads (Pins/Bare Wire) £4.95
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- GM668 1/2" Corded Leads (Pins/Bare Wire) £4.95
- GM669 1/2" Corded Leads (Pins/Bare Wire) £4.95
- GM670 1/2" Corded Leads (Pins/Bare Wire) £4.

Sydney Gardens

One of England's most iconic locations – the Western Region main line running through the heart of Bath – is recreated in exacting detail in 'OO' scale by 'The Park Keepers'. Following its recent appearance at the Great Electric Train Show **STEVE JONES** explains how this exhibition layout was created.

PHOTOGRAPHY, TREVOR JONES.

IT WAS A COUPLE OF YEARS AGO that Dave Simpson of Gas Cupboard Models in Trowbridge summoned four of his most loyal, likeminded modellers – Steve Jones, David Reed, Malcolm Young and Pete Smith – to the shop one evening to announce that he would like to build an exhibition layout and that he would like us to help him.

After a few ideas had been bounced around I said that for some time I had been considering building a layout based on Sydney Gardens in Bath. For a number of reasons it seemed the perfect location to me. The real location is on our doorstep, a magnet for local enthusiasts and a classic location featured in numerous photographs, paintings and even a jigsaw. From a modelling perspective it seemed perfect, being the simplest of track plans (it's basically a double oval), having natural scenic breaks and something that I perceived could be completed within a reasonable timescale. There was also the attraction that with a change of road transport, figures



STATISTICS

Owners:	'The Park Keepers'
Scale:	'OO'
Length:	15ft
Width:	6ft
Track:	Peco code 75 (scenic area)
Control:	Analogue
Period:	BR Western Region, 1960

1 Right: The skew bridge frames a BR 'Western' hydraulic as it heads towards Bath Spa.

2 Below: A Collett 'King' 4-6-0 stomps through Sydney Gardens at the head of the 'Bristolian' from London Paddington. All locomotives have been fitted with lamps and crews.



and signalling, trains from the old Great Western Railway to almost the present day could be run with credibility.

I persuaded the 'Park Keepers', as we have labelled ourselves, to venture out on a field trip to experience the real location and photograph the main features and structures. We soaked up the atmosphere for an hour or so and armed with a collection of photographs of bridges, retaining walls, trees and the prominent house, we retired to contemplate how we would achieve a 4mm:1ft scale model of the location.

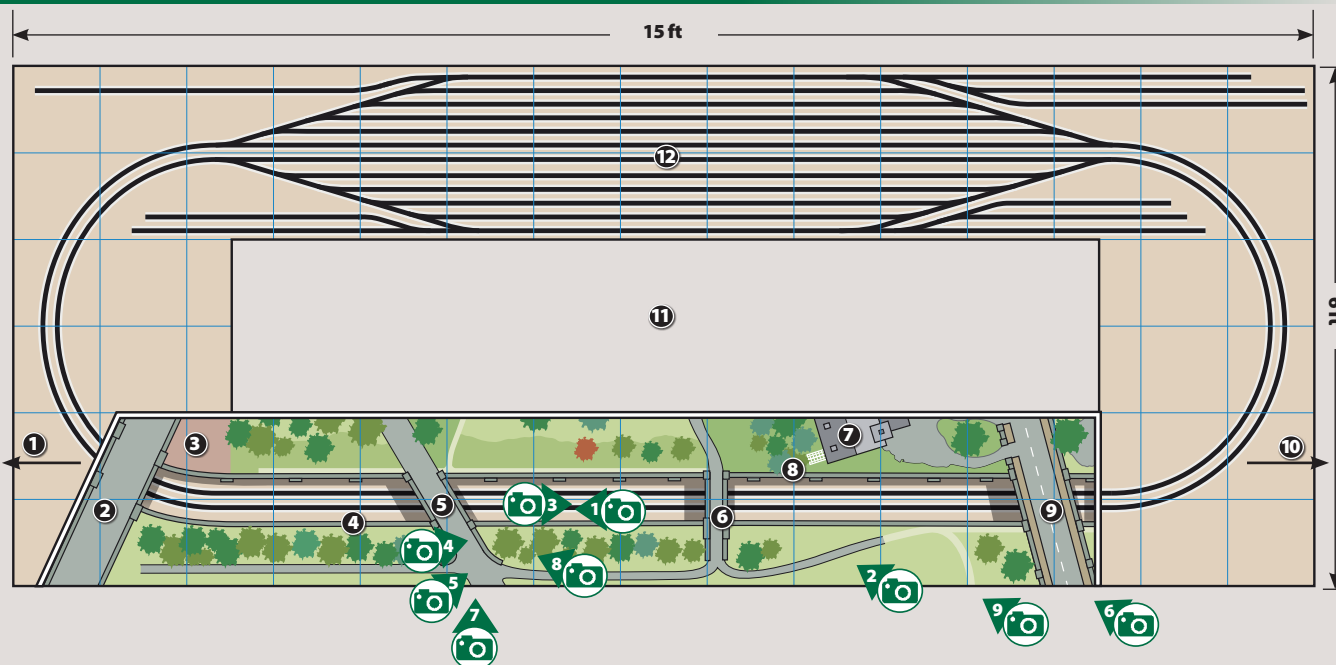
David was brought up in Bath and his memory was a vital source of first-hand information, particularly of specific trains, stock and locomotives. For example, David was particularly insistent about the track level in relation to the balustrade. Apparently, when stood in a particular spot, you can just see the top of the wheels of a High Speed Train. This level of detail was both infuriating and inspiring as we strived to achieve the most accurate model within the constraints of a 2ft wide baseboard. Indeed, the mound that David stood on as a boy must have been modelled and re-modelled half a dozen times until it was just right!

WORK BEGINS

Baseboards were constructed by David's carpenter friend who used 3in x 1in softwood and 9mm plywood to provide a sturdy base. Four 2ft x 5ft boards and two 2ft 6in x 6ft boards created a footprint of 15ft x 6ft allowing a 12ft long scenic section and 2ft wide operating well in the centre.

I had been puzzling over how to recreate the imposing stone retaining walls and eventually sent a photograph to John Wiffen of Scalescenes fame to see if he could suggest how we could achieve the distinctive weathering seen on the Bath stone. To my delight within 24 hours John had e-mailed me back a bespoke brick paper which captured the staining evident on the original. »

SYDNEY GARDENS TRACK DIAGRAM (NOT TO SCALE)



KEY

- | | | | |
|---------------------|------------------------|------------------|-------------------|
| 1 East (to London) | 4 Low wall | 7 House | 10 West (to Bath) |
| 2 Beckford Road A36 | 5 Oblique stone bridge | 8 Retaining wall | 11 Operating area |
| 3 Allotments | 6 Iron footbridge | 9 Sydney Road | 12 Storage yard |

A prototype section of wall was constructed using 2mm thick mounting card and curved formers to maintain uniformity. Having counted and measured the blocks on each section it was possible to recreate scale sections of wall. Conveniently there were five sections of wall between each of the four bridges, which gave us the spacing between the bridges. In fact, the only alteration to reality has been at the left-hand (country) end which has had to be compressed slightly to fit the footprint available. This prototype was presented to the group and a production line eventually

"The real location is on our doorstep, a magnet for local enthusiasts."

STEVE JONES

churned out 14 sections of wall.

Whilst this work was going on, Malcolm was busy making drawings of the bridges, largely from photographic references. One challenge we had been puzzling over was the ornate railings on Brunel's iron footbridge, so iconic to the location. David was sent out with notepad and tape measure to count and measure the real thing for Malcolm to draw,

and then send to York Modelmaking for laser cutting. Google Earth became a useful tool for Malcolm, who could happily take a virtual tour of the location whenever he fancied to check on accuracy. York

Modelmaking was also commissioned to laser cut the stone balustrades on the skew bridge at the centre of the layout.

Malcolm went on to build basic card structures (which were originally intended as mock-ups) of each bridge and when positioned on the layout gave us a real feel for how we were progressing. The mock-ups were so good in fact that I took them away, clad them in our bespoke papers and weathered them with an airbrush and weathering powders before they were fixed in place.

The ornate balustrade which runs the whole length of the scenic section was a critical feature and after unsuccessful trials with scratchbuilding we contacted CW Railways which took Malcolm's two dimensional drawings and created miniature replicas of the real things using 3D printing technology.

SETTING THE SCENE

One important aspect which we all wanted to achieve was the railway running through the landscape. The scenery beyond the boundary of the railway was naturally going to be an important element of the whole project. Further field trips, photographs and Google Earth visits assisted us in building the three dimensional picture to set off the stars of the show – the trains. Basic land contours were formed with scrunched up damp newspaper and plaster bandage, finished off with Polyfilla. A cheap grass mat was glued to the base and fine Woodland Scenics scatter fixed to it with hairspray. Static grass from the Greenscene range was applied into a bed of PVA glue to give a ➤



A GWR 'Manor' 4-6-0 leads an express through Sydney Gardens. The walls were scratchbuilt using bespoke walling sheets created by Scalescenes.com.





A 'Western' hydraulic leads a Pullman train as it passes a Collett 'King'. The ornate railings on the bridge were laser cut by York Modelmaking for the layout.



depth of texture and variety; the whole lot having a drenching in hairspray to finish.

There are over 100 trees on the model ranging from large 'feature' trees which we obtained from the Model Tree Shop to small saplings. The majority are sea moss, which although not the most robust material, provides an affordable and effective solution when a large number of trees is required. Together with trees constructed from Woodland Scenics plastic

"We insist that everything that runs at exhibitions has been weathered to some degree."

STEVE JONES

armatures, more Model Tree Shop products and Woodland Scenics foam bushes, an effective representation of the park was created. A favourite is the Buddleia sprouting along the top of the wall – maybe not so prevalent in the 1960s as they seem to be today but we couldn't resist it.

We are firm believers that a layout should have a decent backscene – and one that is as high as possible while still permitting the operators and viewers to interact. We also like to avoid corners which create unnatural shadows, not to speak of spiders, dust and debris. The technique I employ is to glue thin card along the backscene and form a curve around the corners using a card template. I paint the sky with white emulsion with a hint of blue brushed through the white whilst still wet. I am a fan of photographic backscenes, and on a relatively cloudy day I returned to photograph trees, buildings and views of the city. Those images were printed onto plain paper, the sky trimmed off and were then sprayed with matt varnish to protect them before being mounted on the pre-painted sky. Breaks in the photographs were disguised by careful positioning of trees or Woodland Scenics foam glued to the backscene, helping to blend the backscene with the modelling.

One major feature of the layout is the house which dominates the city end, overlooking the railway. My father-in-law works in the building control office »

 **Sydney Gardens** was a place to watch trains passing and that is what the layout sets out to recreate. Ex-GWR 4-6-0s pass in this 1960s scene.



Sydney Gardens, then and now...



GWR 'King' 6015 *King Richard III* passes through Sydney Gardens with the 'Merchant Venturer' on April 9 1956. Railphotoprints.co.uk.



A Western Region Pullman DEMU approaches Bath on April 10 1969. Railphotoprints.co.uk.



An usual visitor to Bath in 1975 was this pair of Class 205 DEMUs from the Southern Region.
Railphotoprints.co.uk.



Sydney Gardens continues to be a popular place to watch trains, although the line is now undergoing electrification work. On April 18 2007 66584 leads a refuse train through the famous location.
Railphotoprints.co.uk.



Sydney Gardens measures just 15ft x 6ft including the storage yard and operating well. Steve Jones (right) and Nick Richardson (left) take the controls.



Below inset: The skew bridge at the centre features bespoke laser cut balustrades. A 'Castle' passes below with an express.



for Bath City Council and he was able to copy drawings of the house. They were reproduced to scale and glued to 2mm mounting board. Windows were cut out and clear laminate sandwiched between another layer of card. Thin strips of sticky white label were used to divide the window panes. The structure was clad in Scalesscenes papers and a Will's greenhouse serves as a representation of the conservatory.

Roads and pavements are from the Scalesscenes range and all the card/paper structures are treated to a coat of varnish to protect them from moisture.

Be sure to test the varnish you choose as some can have a bleaching effect on the print, wasting a lot of time and effort.

THE PERMANENT WAY

Track on the scenic section is Peco code 75 which when weathered and ballasted sympathetically gives a perfectly acceptable representation of the real thing. Peco's code 75-code 100 converters are used to convert the rail profile to code 100, which runs through the fiddle yard.

Ideally two operators are required, one controlling the up, one the down. Power

is by traditional analogue Gaugemaster controllers. The fiddle yard is set out as five loops (up and down) with additional sidings to increase capacity. In its current form the fiddle yard can hold up to 19 trains but we have always strived to run long express passenger services and freights so plans are afoot to double the size of the fiddle yard and motorise the points to smooth the operation further. Increased capacity will allow more variety like football and pigeon specials with the prospect of 'foreign' engines on Brunel's permanent way.

The chosen era for exhibition running is »





A NBL Type 2 passes beneath one of the many bridge on the layout. The balustrades were laser cut by York Modelmaking.

around 1960. I have amassed a collection of British Rail Western Region locomotives and stock for my own layout – Seend (HM95) – and together with others' collections we can roster 'Kings', 'Castles', 'Halls', 'Westerns', 'Warships', 'Hymeks' and the like for passenger turns together with 0-6-0PTs and 2-6-2Ts for local services. There is no set order in which to run trains and we have even been known to do requests at exhibitions. It was great fun however to see a friend's full length First Great Western High Speed Train running through the gardens along with other modern traction recreating the present day – maybe scope for a future photoshoot?

We insist that everything that runs at exhibitions has been weathered to some degree. Steam locomotives must have a crew (Monty's Models generally) and lamps. It really seems to make a difference for spectators: the small details seem to add that little bit of extra credibility which is really appreciated by railwaymen who remember the era for real.

During 2014 the original gang of five was joined by Nick Richardson, a native of the North East and not a dyed in the wool Western Region fan. He professes to be doing missionary work from the North. Sorry Nick – an 'A4' on 'The Bristolian' isn't happening!



ON THE ROAD

Sydney Gardens has ventured out onto the exhibition circuit on half a dozen or so occasions and we were delighted to accept an invitation to the Great Electric Train Show sponsored by *Hornby Magazine* in October this year. For the event, Pete and I constructed a lighting pelmet to improve the overall presentation of the layout. Visitors to the show enjoyed an all-action sequence of Western region traffic. Its reception at the show was excellent and it was a great pleasure to operate throughout the weekend.

It is especially pleasing when a visitor who knows the location is immediately transported there. And for those that don't – one of whom commented that it must have been a great place to watch trains, it was, is and will be in the future even when the overhead electric catenary is installed. The line has recently been closed for major engineering work to lower the trackbed in preparation for the wires and there is a 6ft high temporary fence which blights the current scene. It seemed pertinent that our model depicting the line in what most

would probably consider to be its heyday was conceived literally weeks before the fence went up and views generations of visitors to the park have enjoyed were obscured for no apparent reason.

I'm sure Brunel would approve of the modernisation of his London to Bristol route - after all, he championed innovation and progress. We, though, like things as they were. It will never be the same again but our model of this famous location will keep the nostalgia and history of Sydney Gardens alive for years to come. [Hornby](#)



An AEC railcar rumbles through the gardens and passes a rare visitor to the area – a GWR 'Dukedog' 4-4-0. The house was scratchbuilt from scale plans.



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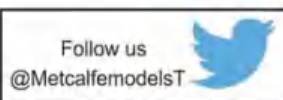
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East Anglian train **FORMATIONS**

There was a huge variety of traffic and motive power in East Anglia.

MARK CHIVERS shows how to recreate 25 train formations using ready-to-run stock and prototype photographs as their basis.

Below: Gresley 'B17' 4-6-0
61655 *Middlesbrough* climbs
passes Witham with the 9.30am
London Liverpool Street-
Harwick on August 2 1958.
Ken Cook/Rail Archive Stephenson



THE RAILWAY has long been an important contributor to the economy of East Anglia with lines linking London to major populated areas such as Cambridge, Colchester, Ely, Ipswich, King's Lynn and Norwich as well as coastal resorts including Clacton-on-Sea, Cromer, Great Yarmouth, Hunstanton, Lowestoft and Sheringham. Rural areas were also served along the way and this led to passenger patronage as well as the time-sensitive transportation of agricultural produce to market. The railway's links to coastal resorts also meant that at certain times of the year it dealt with large influxes of holidaymakers. The ports of Harwich and Felixstowe generated much freight and passenger traffic in addition to already established internal and cross-country freight services. The routes also included a number of named express trains such as the 'Norfolkman' which linked London Liverpool Street and Norwich/Sheringham and the 'Fenman' which operated between London Liverpool Street, King's Lynn and Hunstanton. This month, we concentrate on typical train formations from the 1950s and 1960s throughout the former Great Eastern Railway territory. Until recently it was difficult to create more than a handful of prototypical 'OO' gauge formations using ready-to-run



In an usual combination Worsdell 'J15' 0-6-0 65477 pilots 'D16/3' 4-4-0 62610 with the 2pm Cambridge-Newmarket as it leaves Cambridge on May 6 1957. David Hepburne-Scott/Rail Archive Stephenson.

models from the main manufacturers due primarily to the lack of suitable motive power, but that has changed with a recent surge of suitable models enabling a much wider variety of trains to be replicated in model form.

Hornby has been particularly busy following its programme of newly-tooled 'OO' gauge models coming to fruition. Previously, the company's ageing Holden 'B12' 4-6-0 represented Great Eastern motive power in Hornby's range, but this has been joined during 2015 by delightful models of the Worsdell 'J15' 0-6-0 (HM94) and Gresley 'D16/3' 4-4-0 (HM101) locomotives,

together with the Gresley 'B17' 4-6-0 (HM67), Thompson 'B1' 4-6-0 (HM56), Thompson 'L1' 2-6-4T (HM41) plus the Gresley 'N2' 0-6-2T and 'Britannia' 4-6-2 locomotives. Bachmann's range of suitable 'OO' gauge models includes the Gresley 'K3' 2-6-0, Thompson 'B1' 4-6-0, Gresley 'J39' 0-6-0, War Department 'Austerity' 2-8-0 and Gresley 'V1'/'V3' 2-6-2T – the latter model currently in the process of a chassis upgrade. Bachmann's long-serving Worsdell 'J72' 0-6-0T is also suitable for use, as a small number were allocated to the area. This model is also currently undergoing a chassis upgrade. Mention must also be made of OO Works' ready-to-run model of the Robinson 'C13' 4-4-2T, a number of which were allocated to East Anglian sheds.

The Eastern Region is also to benefit from more new models in the coming months, although they aren't Great Eastern area locomotives, including Hornby's new Gresley 'J50' 0-6-0T which is nearing completion together with Heljan's 'OO' gauge Gresley 'O2' 2-8-0.

Covering the transition from steam to diesel, suitable ready-to-run diesel locomotive available from Bachmann, Heljan and Hornby include the classes 15, 16, 23, 24, 31, 37, 40 and 47 together with Diesel Multiple Units (DMUs) such as the Waggon and Maschinenbau railbus, Derby Lightweight and classes 101 and 105.

Rolling stock is well covered including Bachmann's range of Thompson coaches, which are due to be replaced with newly tooled versions soon, together with its prolific range of BR Mk 1s in BR carmine and cream and BR maroon to suit the period. Hornby's 'OO' gauge range includes a selection of Gresley 61ft 6in wooden bodied corridor coaches in BR carmine and cream and BR maroon and its highly acclaimed Gresley and Thompson non-corridor coach range, available in BR crimson and, more recently, BR maroon. The recently tooled BR Mk 1 coaches and Stanier Period III coaches from Hornby, the latter regularly appearing on cross-country services and excursions in the period under review are suitable too. Plus with a wealth of suitable freight vehicles from the main manufacturers, including open wagons, 12ton ventilated box vans, 30ton bogie bolsters, 22ton Presflo wagons, brake vans, there has never been a better time to model East Anglian operations.

Whilst not exhaustive, the train formations listed have been recreated in model form using readily-available 'OO' gauge ready-to-run models and represent a snapshot of express, local stopping, branch line and freight services during the 1950s and 1960s, researched from prototypal operations. 



The formations



BR 'Britannia' 4-6-2 BR lined green with early crests (Hornby), BR Mk 1 BSK, CK, SK, SK, FK, RFO, TSO, SK, BCK – BR carmine and cream.

YEAR: 1951 LOCATION: Mark's Tey SERVICE: London Liverpool Street–Norwich/Sheringham



Gresley 'K3' 2-6-0 BR lined black with early crests (Bachmann), 25 assorted cattle wagons, BR 20ton brake van.

YEAR: 1951 LOCATION: Ingatestone SERVICE: empty cattle vans



Worsdell 'J15' 0-6-0 BR black with early crests (Hornby), Gresley 61ft 6in BCK, Stanier Period III SK, Thompson BCK* – BR maroon except * BR carmine and cream

YEAR: 1952 LOCATION: Lowestoft SERVICE: local passenger



'WD' 2-8-0 BR black with early crests (Bachmann), 30ton bogie bolster wagon, Conflat A wagon, 16ton steel open mineral wagon, two five-plank open wagons, Conflat BR 20ton brake van. **YEAR: 1953 LOCATION: Audley End SERVICE: Temple Mills freight**



Worsdell 'J15' 0-6-0 BR black with early crests (Hornby), five-plank open wagon, seven-plank open wagon, 12ton vent van with corrugated ends, BR 20ton brake van.

YEAR: 1955 LOCATION: Godmanchester SERVICE: St Ives–Huntingdon pick-up goods



Gresley 'K3' 2-6-0 BR lined black with early crests (Bachmann), five 12ton vent vans, 13ton steel 'sand' tippler, ten 12ton vent vans, six seven-plank open wagons, two 12ton vent vans, four 16ton steel open mineral wagons, four 12ton vent vans, BR 20ton brake van. **YEAR: 1955 LOCATION: Cambridge SERVICE: mixed freight**



BR 'Britannia' 4-6-2 BR lined green with late crests (Hornby), BR Mk 1 BCK, SK, SK, CK*, RB*, CK, CK, SK, BSK – BR carmine and cream except * BR maroon.

YEAR: 1957 LOCATION: Cambridge SERVICE: London Liverpool Street–King's Lynn/Hunstanton



Gresley 'B17' 4-6-0 BR lined green with early crests (Hornby), Thompson non-corridor CL, Gresley non-corridor S, BS.

YEAR: 1956 LOCATION: King's Lynn SERVICE: local passenger



Gresley 'D16/3' 4-4-0 BR black with early crests (Hornby), Gresley non-corridor BS, S, CL.

YEAR: 1956 LOCATION: Stoke (Suffolk) SERVICE: Bury St Edmunds–Cambridge



Worsdell 'J15' 0-6-0 BR black with early crests (Hornby), Gresley 'D16/3' BR lined black with early crests (Hornby), Gresley non-corridor S, Thompson non-corridor CL, Gresley non-corridor BS – BR crimson. **YEAR: 1957 LOCATION: Cambridge SERVICE: Cambridge–Newmarket**



Gresley 'B17' 4-6-0 BR lined green with late crests (Hornby), Gresley 61ft 6in SK, BCK, Gresley non-corridor F – BR crimson.

YEAR: 1957 LOCATION: Pampisford SERVICE: Cambridge–Colchester



Derby Lightweight two-car DMU BR green with 'speed whiskers' (Bachmann).

YEAR: 1957 LOCATION: Melton Constable SERVICE: Melton Constable–Norwich



A wagon, 30ton bogie bolster wagon, seven five-plank open wagons, eight 16ton steel open mineral wagons,

COACHING STOCK DESIGNATIONS	
BCK	Corridor Brake Composite
BSK	Corridor Brake Second
BS	Brake Second
CK	Corridor Composite
CL	Composite with lavatory
F	First
FK	Corridor First
FO	Open First
RB	Restaurant Buffet
RFO	Restaurant First (no kitchen)
RMB	Miniature Buffet
S	Second
SK	Corridor Second
SO	Open Second
TSO	Tourist Open Second



'OO' FREIGHT ROLLING STOCK			
TYPE	LIVERY	MANUFACTURER	CAT NO.
8ton cattle wagons (triple pack)	BR bauxite	Bachmann	37-716
12ton BR vent van corrugated ends	BR bauxite	Bachmann	38-171C
12ton BR vent van planked ends	BR bauxite	Bachmann	38-161B
12ton BR vent van plywood ends	BR bauxite	Bachmann	38-170C
12ton BR vent van (triple pack)	BR bauxite	Hornby	R6713
12ton SR vent van 2+2 planks	BR bauxite	Bachmann	38-082C
12ton LMS cattle wagon	BR bauxite	Bachmann	37-707
13ton high-sided steel open	BR bauxite	Bachmann	38-326
13ton steel 'sand' tippler wagon	BR bauxite	Bachmann	37-355C
13ton steel 'sand' tippler wagon	BR grey	Bachmann	37-354C
16ton steel mineral open with top flap	BR grey	Bachmann	37-225G
16ton steel mineral without top flap	BR grey	Bachmann	37-250H
16ton steel mineral open pressed end	BR grey	Bachmann	37-378
22ton 'Presflo' wagon (triple pack)	BR bauxite	Bachmann	38-287
30ton bogie bolster wagon	BR grey	Bachmann	33-928B
BR 20ton brake van	BR bauxite	Bachmann	37-530
BR 20ton brake van	BR bauxite	Hornby	R6508
BR 20ton hopper wagon	BR grey	Hornby	R6677
Conflat A wagon	BR bauxite	Bachmann	37-983
Three-plank open wagon	BR bauxite	Bachmann	37-926A
Eight-plank open wagon	BR grey	Bachmann	37-158C
Five-plank open wagon	BR grey	Bachmann	37-016C
Five plank open wagons (triple pack)	BR bauxite	Hornby	R6712
Midland 20ton brake van	BR grey	Bachmann	38-550A
One-plank wagon	BR bauxite	Bachmann	37-479
Seven-plank open wagon	BR grey	Bachmann	37-081F



Gresley B17 4-6-0 BR lined green with late crests (Hornby), BR Mk 1 BSK, SK, SK, CK, SK, SK, BCK, SK, SK – BR carmine and cream.

YEAR: 1958 LOCATION: Stratford SERVICE: Yarmouth Town South–London Liverpool Street



Gresley J39 0-6-0 BR black with late crests (Bachmann), eight 12ton vent vans, one-plank wagon, three 12ton vent vans, three five-plank open wagons, three 12ton vent vans, BR 20ton brake van. **YEAR: 1958 LOCATION: Cambridge SERVICE: inter-regional goods.**



Gresley D16/3 4-4-0 BR lined black with early crests (Hornby), non-corridor Suburban CL, BS – BR crimson.

YEAR: 1958 LOCATION: North Walsham SERVICE: North Walsham Town–Yarmouth Beach



Class 16 BR green (Heljan), 11 16ton steel mineral open wagons, BR 20ton brake van.

YEAR: 1960 LOCATION: Stratford SERVICE: Temple Mills–Norwood transfer freight



Gresley K3 2-6-0 BR lined black with late crests (Bachmann), Gresley 61ft 6in BCK*, SK, BR Mk 1 CK, RB*, Gresley 61ft 6in FK, SK, SK, BR Mk 1 BSK – BR maroon except

* BR carmine and cream **YEAR: 1959 LOCATION: Belstead SERVICE: Gorleston on Sea–London Liverpool St**



English Electric Type 2 'Baby Deltic' BR green (Heljan), BR Mk 1 BSK, TSO, Thompson FK, Gresley 61ft 6in RB, BR Mk 1 TSO, TSO, BSK – BR maroon.

YEAR: 1961 LOCATION: Cambridge SERVICE: 'Cambridge Buffet Express'



Class 24 BR green (Bachmann), BR Mk 1 BG, Thompson SK, BR Mk 1 SK, SK, CK, BCK – BR maroon.

YEAR: 1962 LOCATION: Ipswich SERVICE: local passenger



Class 101 two-car DMU BR green with 'speed whiskers' (Bachmann)

YEAR: 1962 LOCATION: Norwich SERVICE: local passenger



Class 105 two-car DMU BR green with small yellow ends (Bachmann).

YEAR: 1963 LOCATION: Saffron Walden SERVICE: local passenger



Class 40 BR green with small yellow panels (Bachmann), BR Mk 1 BSK, TSO, TSO, TSO, RB, CK, CK, CK, BSK – BR maroon

YEAR: 1964 LOCATION: London Liverpool St SERVICE: London Liverpool St–Norwich



Class 31 BR green with small yellow panels (Hornby), BR 20ton brake van, three 12ton vent vans.

YEAR: 1965 LOCATION: Colchester SERVICE: pick-up goods



Class 15 BR green with small yellow panels (Heljan), Midland 20ton brake van, two 22ton Presflo cement wagons, three 16ton steel open mineral wagons, seven 22ton Presflo cement wagons, BR 20ton brake van. **YEAR: 1969 LOCATION: Ipswich SERVICE: cement**



Class 47 BR green with small yellow panels (Bachmann/Heljan/viTrains), BR Mk 1 BSK, CK, CK, CK, RB, TSO, TSO, BSK – BR maroon.

YEAR: 1965 LOCATION: Colchester SERVICE: London Liverpool St–Norwich



Gresley 'K3' 2-6-0 61815
heads the 9.33am
Yarmouth South Town-
Liverpool Street on
September 13 1958 near
Colchester. Ken Cook/Rail
Archive Stephenson



English Electric Type 4 D202
approaches Colchester with
the Down 'Norfolkman' on
August 16 1959. Ken Cook/
Rail Archive Stephenson



'OO' GAUGE EXPRESS PASSENGER COACHING STOCK

TYPE	MANUFACTURER
BR Mk 1 carriages	Bachmann/Hornby/Replica
LMS Stanier Period III carriages	Hornby
LNER Gresley 61ft 6in carriages	Hornby
LNER Thompson carriages	Bachmann
LNER Gresley Suburban carriages	Hornby
LNER Thompson suburban carriages	Hornby

BALLAST

Ballasting and weathering transforms the appearance of track in any scale. **NIGEL BURKIN** takes

BALLASTING might not be the most exciting scenic job to complete on a new layout but it is an important part of finishing a model railway in the pursuit of realism. Carefully applied ballast transforms the appearance of track of all kinds. Everything from finescale to basic set track can be greatly improved in appearance with a touch of paint and good ballast. It takes a little care and time, but the results are well worth the effort.

Before making a start, be sure that your layout is running smoothly and there are no electrical faults to deal with. Complete scenic details such as cable trunking, point rodding, drains, platforms and signalling bases to avoid the mess and disruption of cutting into hardened ballast to accommodate them later. Make sure that holes drilled through the baseboard for layout wiring are plugged to prevent glue and ballast from draining away through them and on to the floor.

Look at colour photographs of the full size railway to see how the track becomes weathered with rust, grime, oil spillage and coal dust. What colour are the sleepers and how have the rail edges rusted? Does the output of a local mine, cement plant, industry or quarry impact on the colour of the track?

Once appropriate track, wood, dirt and rust colours have been decided upon, start with painting the plastic sleepers in a suitable track

grime colour with a touch of light grey. Paint the rail edges in a mixture of dark brown, red and yellow rust colours and try dipping the brush alternately into one pot and then into the next between each application and mixing the colours as it is applied. It's a good way to avoid too much uniformity.

Track painting, like any scenic work, takes time and patience to complete convincingly, so take your time and enjoy the work. After all, there are four rail sides to colour and points add to the time it takes to finish the job. Leave the paint to dry for at least a day before starting ballasting.

THE RIGHT GLUE

Being confident that your ballast will remain in place long after you have gone to the trouble to tease it into place is a matter of using the right adhesives. PVA glue mixed with an equal quantity of water plus a spot of detergent so it resembles the consistency of milk is a time honoured method of gluing ballast into place and is still valid today.

The process is helped by spraying water treated with a drop of detergent onto the ballasted track using a spray bottle before

**Back to
BASICS**

THING

you through the fundamental techniques of track ballasting.



Don't rush the ballasting of your layout. Neat and tidy ballast transforms the appearance of the track and when combined with careful weathering and matting down, makes a layout look realistic.

TOOLS and materials

- » Tweezers
- » Spoon
- » Plastic trays for holding and mixing ballast
- » An old No. 1 paintbrush for rail edge painting
- » An old No. 1 and No. 3 brush for ballasting
- » A spare No. 6 flat paintbrush for painting sleepers
- » An old No. 6 flat paintbrush for dry brushing
- » 3ml pipettes to apply scenery adhesives
- » Stirring sticks
- » PVA glue
- » Washing up liquid
- » Pump action spray bottle
- » Fine grit track rubber
- » Woodland Scenics Scenic Cement
- » Rust coloured paints – brown, yellow and dull red rusts
- » Weathering powders
- » Sleeper grime coloured paint.

using a small pipette or syringe to apply the diluted glue mixture. Wetting the ballast (don't soak it) helps to draw the glue mixture into it without disturbing it. A second application of this glue mixture may be required to be sure the ballast does not come adrift.

Special scenery adhesives such as Scenic Cement from Woodland Scenics are another good method and do not need the ballast to be soaked in water to help the glue soak in. Scenery adhesives of this type are formulated to dry quickly, flow smoothly and usually dry with a matt finish. They are applied from the edge of the ballast shoulder with a pipette, relying on capillary action to draw it into the ballast until it is soaked. Once the adhesive is applied to your satisfaction, leave it alone! Avoid poking and prodding because you might do more harm than good.

Having selected ballast, painted the track, selected a suitable adhesive and prepared your working area, it is time to make a start on the job itself. I usually mix two different ballast colours together in a plastic tray and apply the ballast sparingly with a spoon. About 12in to 18in of railway is treated at a time (depending on the size of the layout) so as not to soak too much of the layout with water-based adhesives. The following photographs show the process of making a length of track appear realistic. 

STEP BY STEP TRACK BALLASTING MADE SIMPLE

1



Track is laid on foam or cork underlay to reduce sound and raise the track above the adjacent ground in the same way as the full size railways. The sleepers are painted with a suitable brown colour to remove the plastic shine. Don't use your best paintbrushes for this job.

2



A mixture of paint colours such as brown, grime and rust are used to paint the edges of the rails, a time consuming task but important in making the track look more realistic.

3



Once the paint has dried, ballasting can start. I mix two colours of commercial ballast material in a tray and apply it in small quantities using a spoon. Commercial ballast spreaders are available to help modellers ballast large layouts without taking up too much time.

4



Another old paintbrush is used to brush the ballast neatly between the sleepers and around trackside details. A smaller brush and even fingers can be used to tease ballast into all of the spaces between sleepers. The C&L Finescale track used in this diorama has very thin sleepers making it difficult to get good coverage without covering the sleepers themselves.

5



Diluted PVA or scenery cement is applied to the ballasted track using a pipette. It is fully soaked in glue and can be left to dry when it appears white as seen in this photograph.

6



I rely on ballast and scenery glue to permanently secure the track too. Any track pins used to hold track in place during construction of the layout are removed and the holes filled.



Track can be weathered using a variety of different techniques. Weathering powders are effective, as is dry brushing grime coloured paint onto the surface of the ballast. The track may also be sprayed if desired. Dark grey can be used to represent oil patches at locations such as stations and signals where locomotives may stand for a time.

8 Rust colours are brushed onto sleepers, sleeper chairs and ballast to look as if they have become stained by the rust on the side of the rails. Leave the paint to dry thoroughly before polishing the rail top and edges with a fine grit track rubber.

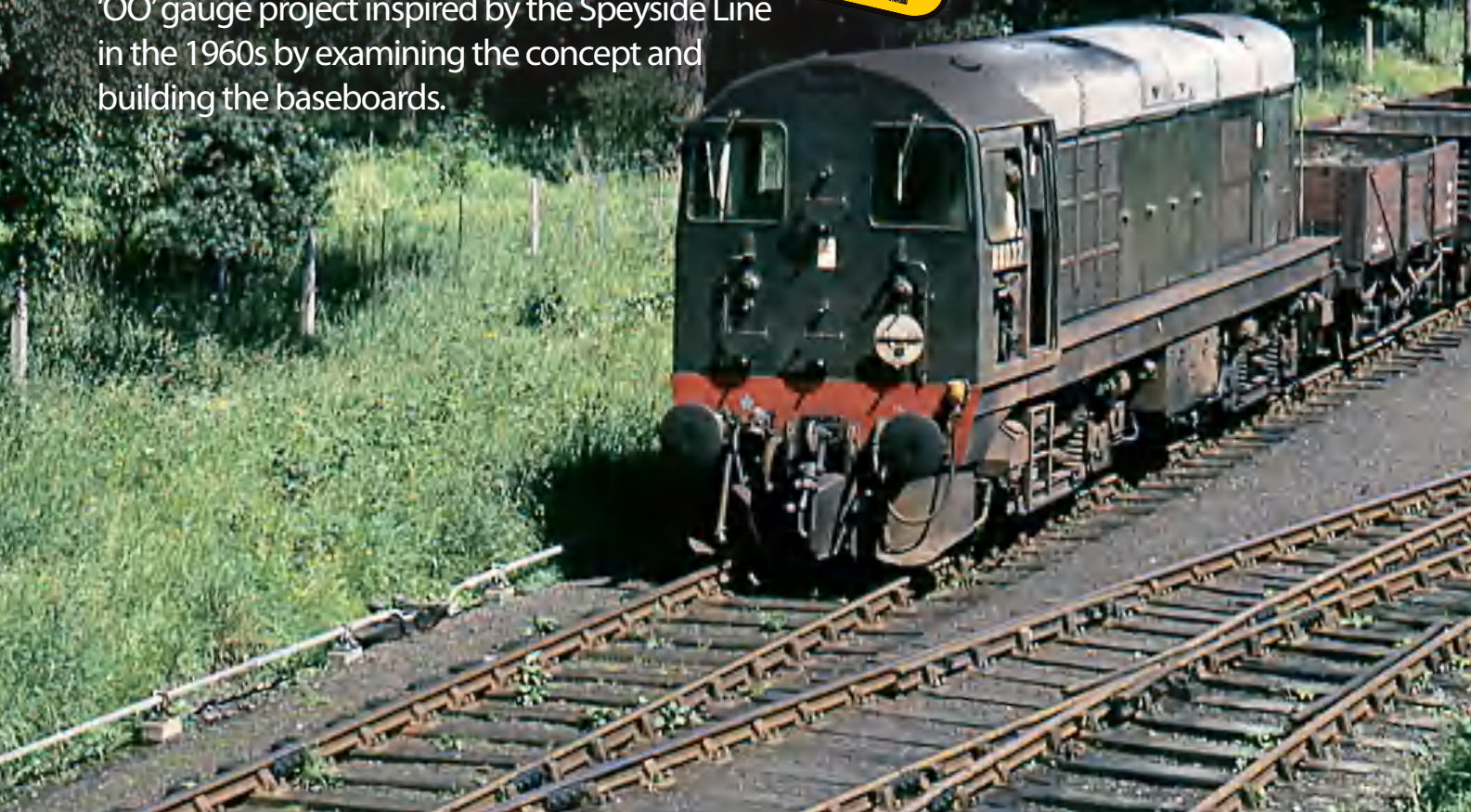


Track colouring is essentially complete with rust and grime sparingly applied using dry-brushing techniques. Any remaining shine can be eliminated by applying matt varnish.

Loch Dhu Distillery

The arrival of autumn is the perfect time to start a new layout. **NIGEL BURKIN** begins a new 'OO' gauge project inspired by the Speyside Line in the 1960s by examining the concept and building the baseboards.

PART ONE



MICRO LAYOUTS have gained popularity in recent years with the increase in quality and performance of ready-to-run rolling stock.

Those short of space have been eager to take up the challenge plus, being small, a micro layout doesn't take an age to complete either.

A recent challenge laid at my door was to build a compact 'OO' gauge layout with a scenic section no bigger than 4ft x 2ft. Those dimensions would make it suitable for small home and apartment living together with making it easily portable for house moves and exhibiting. It would be simple to transport in a family car and quick to set up or take down at shows or for an hour or two of operation at home.

In reality, eight square feet is quite generous for a micro layout, but still challenging enough to find a suitable layout theme that would fit comfortably. As it turned out, inspiration was to be found close to home and that was prompted by a single photograph.

WHY A SMALL LAYOUT?

Compact or micro layout concepts have developed in recent years as space challenged modellers look for opportunities to model something in a very small area. Some layouts can be as small as a square foot or two and employ a number of interesting tricks to make the very best of the available space. Cassette fiddle yards and hidden turntables are some of the tricks employed in layout design. Another feature which explains the growth in popularity of micro layouts is detailing and a great deal of attention can be incorporated into the layout within a reasonable time.

For the budget conscious modeller, the smallest stable of locomotives is all that is necessary, and with today's models being capable of some superb performance and reliability, a collection of three or four appropriate locomotives together with a handful of wagons may be all that is required.

It can be used as a test bed for new modelling

techniques before embarking on a larger layout project too and, finally, as I have discovered, building a small layout in a different scale provides a pleasing change. Backwoods modelling and the rundown type of railway suits micro layouts very well. It is amazing what can be squeezed into a few square feet of space!

AN INSPIRATIONAL IMAGE

Having had the limitations on the layout size set in stone, choosing a scale and concept together with a layout theme came next.

Whilst toying with micro layout themes, a summer 1966 photograph of a Class 20 working the Speyside line came to my attention and it coincided with the release of an early version of the Class 20 by Bachmann. The photograph shows D8032 shunting wagons at the Dailuaine Distillery tramway interchange siding at Charlestown of Aberlour on the old Great North of Scotland Railway (GNSR) route from Boat of Garten to Craigellachie. The location is



TOOLS

- » Hand saw and mitre box for cutting accurate right angles
- » Tri-square
- » Spirit levels – long and a short ‘torpedo’ type
- » A selection of woodworking drill bits from 2mm to 10mm
- » Countersink bit
- » Forstner drill bit
- » 2mm drill bit
- » Cordless drill and screwdriver together with screwdriving bits
- » Cork sanding block
- » G clamps and spring clamps
- » Extendable clamps
- » Pencil
- » Tape measure
- » Hand saw suitable for cutting plywood
- » Junior hacksaw

Inspiration for a layout concept can come from almost any source – even a single photograph. A seemingly routine image of a Class 20 in original condition shunting a mix of vacuum braked and unfitted wagons at Dailuaine Sidings in summer 1966 has inspired a compact distillery themed layout based on the Speyside line in the 1960s as the latest project for *Hornby Magazine*. *Colour Rail*.

small and the branch itself immediately dives under a parallel road for the short run to the distillery. The picture provides a lot of detail including an interesting bothy, the track, point rodding from a ground frame and the train itself together with the surrounding scenery.

An idea began to germinate. The layout could have two scenes with the distillery on one side and the interchange siding on the other, separated by a backdrop. The concept would present some track planning challenges, but could work with some suitably sharp micro layout style curves. Before completing the layout design, I had to decide upon some layout design features and for that, out came the books and maps together with plans for several field trips.

RESEARCHING CLOSE TO HOME

I have yet to model anything based on any railway in Scotland (where I now live), so contemplating a Scottish layout theme makes a refreshing change. Before embarking on a

field trip, I studied large scale maps held by the National Library of Scotland (maps.nls.uk) to see which locations would be most likely to have useable features which could be brought together. Modelling a complete distillery in the available space wasn't going to be practical so I had to locate structures and track layouts that would fit together convincingly, even though they may be from different sites.

The Highland Railway route between Grantown-on-Spey and Forres together with the GNSR Speyside branch had rail served distilleries with some useful track formations. I looked at the preserved distillery at Dallas Dhu, which is open to the public. Its buildings are attractive and of a suitable size to fit my given space. Dailuaine and Balmenach distilleries were visited because they had branch lines connecting them to the Speyside line.

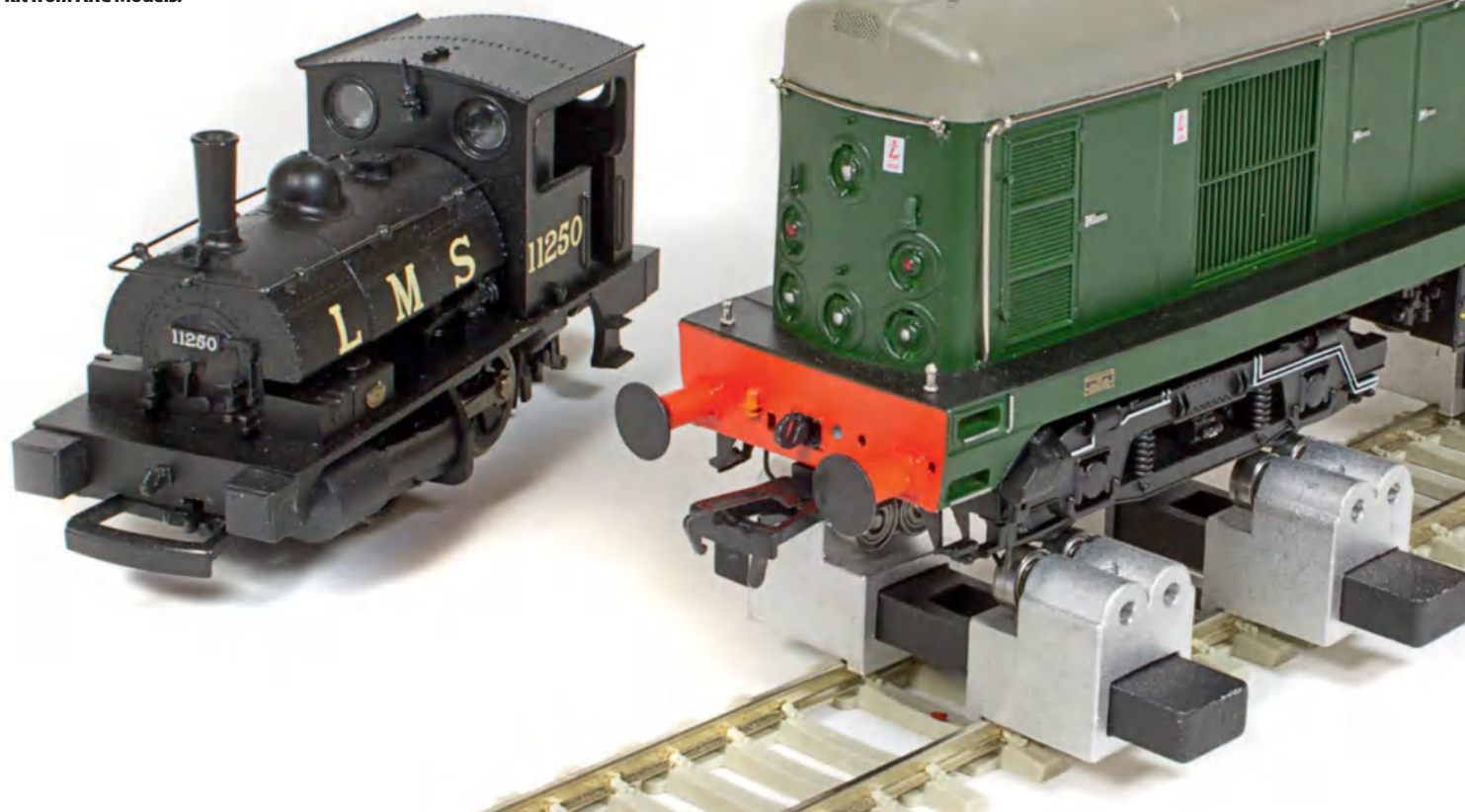
Anyone contemplating modelling the GNSR route would be delighted with how much remains of the route – now a walking

trail. Many structures and buildings survive, including Grantown-on-Spey East Halt, Carron, Ballindalloch, Cromdale and Blacksboat station. At Dailuaine distillery, the remains of the branch are easily traced across fields and one composite stone and brick arch bridge survives too along with the engine shed in the distillery grounds.

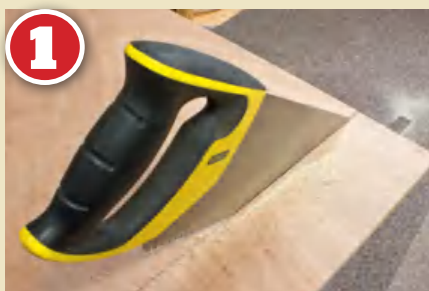
Walking the route I paid particular attention to the site of the Dailuaine interchange siding. This location is an excellent layout design feature with an interesting operational twist which would add interest. The image of D8032 was used as a reference when surveying the site to determine how long the siding might have been and where the distillery branch passed under the railway. The width of the trackbed was determined to verify the likely track layout. Unfortunately, available maps did not show details of the Dailuaine branch track layout.

The distillery branch was worked with an Andrew Barclay 0-4-0ST tank engine called *Dailuaine* until the Speyside line was closed in »

An unlikely pairing: the Bachmann Class 20 finished as D8028 in 1960s condition with tablet catcher equipment is as close as I could get to the locomotive on the photograph of Dailuaine Siding. The 0-4-0ST will donate its chassis to an Andrew Barclay 0-4-0ST project using a body kit from ARC Models.



STEP BY STEP BUILDING PLYWOOD FRAME BASEBOARDS



Strips of 12mm plywood were cut to a width of 4in to form the long side members of the baseboard frames. The wood is new and was unpacked and left in the layout room to stabilise for a couple of weeks before work was started.



Cutting strips of plywood is hard work at the best of times. A sticking saw can be eased by dressing it with a thin smear of light oil wiped over the blade. If you prefer not to have to cut long lengths of timber most DIY stores and suppliers offer a cutting service.



Most of the cutting and sanding was completed outdoors to prevent sawdust making a dusty mess in the house.



Blocks of 18mm x 44mm planed timber were cut as accurately as possible using a tenon saw and mitre box. They will be used as spacers in the long frame members.



The long side members of the baseboard frame were made of beams composed of two pieces of plywood with spacers of planed timber sandwiched between them. One side of each member is assembled first and left to dry.



A second strip of plywood is glued to the blocks of planed wood to complete the frame side which is then very strong and resistant to twisting.



1968. I located several images of the Dailuaine branch and the locomotive itself to assist with research into branch operations. Dailuaine had its own engine shed which makes a lovely layout design feature together with the 0-4-0ST which can be modelled using a body kit from ARC Models and a Hornby 'Pug'. Several distilleries had their own shunting engines, including a Ruston 48DS located at Longmorn Distillery near Elgin which had extensive sidings. Such shunting engines make a nice twist to a layout theme and a few, including the Dailuaine locomotive, were cleared to work on BR metals for short distances.

DESIGN FEATURES

Having completed fieldwork and taken many photographs, the next step was to design the layout. The first scene to be modelled will be the interchange siding, to be renamed Loch Dhu Siding. The plan would be the same as the full size Dailuaine Siding and would feature an industrial locomotive to work the branch.

The opposite scene would feature the distillery with its malting loft, kiln house, still house and mash room. An engine shed for the distillery locomotive would be provided and the one that remains at Dailuaine is ideal. Of all the distillery sites I looked at for the project, I concluded that the buildings of Dallas Dhu would suit the best with the benefit of them being accessible. I also decided to replicate the track formation at Dallas Dhu with an additional siding for the engine shed.

The plan includes one layout design concept which I have always considered to be important for any layout, whether large or small - an operational 'difficulty'. In the case of Loch Dhu Distillery, the operating twist is the interchange siding between BR and the distillery

branch. The somewhat confined nature of the distillery sidings will also need care when spotting wagons at the correct buildings.

BASEBOARD CONSTRUCTION

Past experiments with lightweight baseboard construction have never been successful for me and I prefer strength and durability over a saving of a few kilos of weight. The main board for Loch Dhu Distillery is no exception, being constructed of long members composed of two pieces of 12mm plywood with spacing blocks of planed timber. The resulting frame is very strong and if I had to provide legs for the layout, they could have been made of the same planed timber and slotted into the frame members.

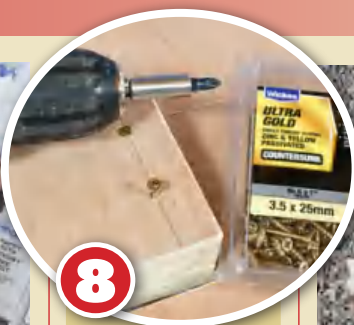
Ultimately, the layout consists of two boards: one measuring 4ft x 2ft for the scenic area and a smaller one for a fiddle yard and service area measuring 2ft x 2ft.

The baseboard tops are composed of 12mm plywood seated on risers of planed timber, leaving a gap of about 15mm above the baseboard frames to allow the installation of manual point controls and space to locate them at one side of the layout. The fascia and backdrop boards would be made of hardboard and the underside assembly painted to seal it from moisture and prevent splinters.

The frames are glued and screwed together whilst the baseboard tops and risers are attached with screws, no glue, so the frames can be recovered if desired. The layout is designed so it can be displayed on a table. The frame design could be fitted with legs of the same planed timber as the spacing blocks, secured with bolts or popped onto a set of trestles. The following series of photographs show how the two baseboard frames were constructed. 



7 A close up of the frame member assembly, damped securely whilst the wood glue hardens.



8 Screws are then used to strengthen the join between the plywood and spacing blocks.



9 The completed frame members are taken outside for sanding down to remove rough edges and splinters.



10 The baseboard frames are assembled into boxes by fitting ends of 12mm plywood to the long frame members.

THE LAYOUT

Theme:	Speyside whisky traffic
Era:	British Railways 1965-1968
Layout type:	Double-sided micro layout
Layout size:	4ft x 2ft (scenic area)
Control:	Digital Command Control
Train storage:	Cassettes on 2ft x 2ft secondary board
Traffic types:	Coal, barley, casks, whisky in casks and 'draff'
Track:	C&L Finescale code 75 bullhead track with handbuilt points
Point control:	Manual control using wire in tube
Structures:	Distillery buildings including a malt loft, kiln house and mash house

STEP BY STEP BUILDING PLYWOOD FRAME BASEBOARDS

Beginner **SKILL LEVEL** Intermediate Advanced

11

A second, smaller baseboard for the fiddle yard is assembled using the same techniques. Note the long strip of planed timber fitted to the baseboard end which provides a solid base for alignment dowels. The corresponding end of the adjacent baseboard is fitted with the same.



12



The scenic board and fiddle yard board are carefully aligned and clamped together with the ends fitted with a long piece of planed timber. A pilot hole is drilled through both baseboard ends using a 2mm drill bit.

13



Pattern makers dowels are used for accurate baseboard alignment. A Forstner drill bit is required to drill the wide shallow blind hole to accommodate them, using the previously drilled pilot hole for accuracy.

14



The power drill is set to a slow speed and the hole is drilled with care to ensure it is the right depth and not drilled at an angle.

15



Forstner drills make quite a mess, so have a vacuum cleaner ready to clean up as soon as you are done.

16



The side of the baseboard joint fitted with the female side of the dowel set should have an additional hole drilled through the shallow hole to accept the peg from the opposite side of the dowel set.



17

Once the dowels are fitted and accuracy is confirmed, the baseboards are clamped together again for the fitting of M10 nut, washer and bolt sets to hold the boards together.

18



The completed baseboard joint with alignment dowel sets and securing nuts and bolts, ready for fitting of the baseboard tops.



19

This design of baseboard construction using double pieces of plywood with spacing blocks is very strong and resistant to twisting.

20

Ready for tracklaying! The baseboard tops for the trackbed are installed and checked. The backdrop boards will not be fitted until tracklaying and wiring is complete.



BASEBOARD MATERIALS

- 18mm x 44mm planed softwood for risers and framing blocks
- 9mm x 12mm planed softwood for scene dividing frame and backscenes
- 12mm plywood for frames and base
- 4mm hardboard for backscene boards and fascia
- 3.0 x 25mm, 4.0 x 30mm and 4.0 x 40mm twin thread countersink cross head screws
- M10 bolts (75mm long), washers and wing nuts for attaching the controller board to the main baseboard
- Baseboard alignment dowels (pattern makers dowels)
- PVA wood glue
- Sandpaper

TIP

We use screws and glue to secure baseboard frames together, but only screws to hold the surface onto the frame. This means that in the future the frame can easily be reused by removing the top.

With the baseboards completed Loch Dhu is ready for the start of tracklaying. In a change from previous layouts we will be using C&L Finescale track for greater realism.



THE SPEYSIDE BRANCH TODAY



Above: The brick engine shed at Dailuaine Distillery survives and was once the home of the Dailuaine 'Pug'.



Above right: Fortunately, many structures survive in near original condition such as the station building at Carron which could have been incorporated as a design feature. The nearby Imperial Distillery together with the remnants of the track formations have been demolished and replaced by a modern one by Chivas Bros.

Right: Making a visit to the Speyside branch revealed just how much of the trackbed still exists. A short distance along the trackbed is an overbridge providing access to Carron House. This structure will make the perfect scenic break.





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N GAUGE
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OO GAUGE

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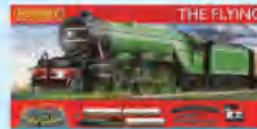
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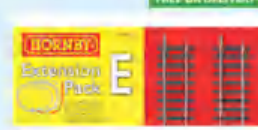
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'Hymeks' went via the Woodhead route

I enjoy reading your magazine every month and I felt obliged to write regarding the letters in HM100.

Firstly, Mr Clark mentions new Western Region diesel-hydraulic moves and he states that the 'Hymeks' were delivered from Beyer-Peacock in Manchester via Derby. Some were sent via the Woodhead route through Sheffield Victoria and the Great Central to Swindon.

One day in early April 1962 I witnessed two brand new Class 35s heading south through Sheepbridge and Brimington station, near Chesterfield on the Great Central loop. These were D7027, commissioned into service at Swindon on April 7 1962, with D7028, commissioned on April 5 that year. The time was early afternoon and a very rare sight. Others may have gone down the Great Central Main Line

too. These would have been on the lower tracks as described in Mr Myall's description of Chesterfield's triple crossing.

Another rarity occurred on April 24 1962 on the Midland Main Line. I saw 'A2' 4-6-2 60516 *Hycilla* on the southbound 8.15am Newcastle to Cardiff. This 'A2' was based at York and probably substituting for a failure. *Hycilla* was withdrawn later that year on November 12 1962.

Passenger trains finished on the upper line at Horns Bridge in 1951. However, there was a freight train which came across the viaduct on weekdays to Chesterfield market place goods yard, usually powered by a Staveley 'J1' 0-6-0. Anyone modelling the three lines here would need to place the time period before 1957 to justify running trains on all three routes.

**Ian Harrison,
by e-mail.**

A converted Crosti would be a winner

I have recently read the review of Hornby's Crosti boilered '9F'. It certainly appears to be a superb model. However, I wonder if Hornby is likely to also produce a model of these 2-10-0s as they ran for most of their service and as I remember them, with the Crosti

pre-heater and side chimney removed? I don't remember ever spotting an original Crosti, but I certainly saw them in their later more conventional, but still unusual, configuration. This would again make an interesting and popular model.

Stan Zapiec, by e-mail.

Can we measure

ALTHOUGH I am a steam era modeller, I enjoyed reading your article about adding sound to a Heljan Class 05 shunter (HM101). One thought struck me: the speaker has been fitted inside a closed cab, and so there appears to be no way the sound can easily escape.

The photographs suggest that a hole could be cut in the

cab floor, and then a round speaker fitted there, turning the cab into a decent-sized speaker cabinet, with the sound being projected out of the cab floor.

This brings me to another point: regarding speaker performance. Phrases such as "a good dynamic range", "amazing for its size" and so on are somewhat subjective. In the earlier days of Hi-fi systems, speaker performance was objectively



The top 100 isn't right!



Well I reckon you will have a bumper post bag about the Top 100 models in HM100! I agree with most of the top 25s in each category but you haven't got them quite right! For me the Bachmann Derby Lightweight DMU must be in the diesel and

electric list as well as Heljan's *Falcon*. I would definitely find a place in the steam list for Hornby's super detailed 'A4' and 'A3'. I look forward to reading the Hornby Post in the next issue to see what other readers think.

Paul Miller, by e-mail.

MORE PRE-TOPS BLUE DIESELS, PLEASE!

I have just read about the Dapol Class 33 sample in HM101 and it looks to be an excellent model of a much liked class. I was hoping to make a plea to Dapol, via your magazine, for a non TOPS numbered BR blue version. Not every BR blue

locomotive carried a TOPS number straightaway, something many manufacturers seem to ignore, and surely I can't be the only 'N' gauge enthusiast to want one on my late 1960s/early 1970s set layout?

Greg Heathcliffe, Swindon, Wilts

Are BR green models too faded?

After reading the report in your latest magazine on the new Hornby 'King' (which mostly looks very nice) may I make one criticism that I have not seen before on any of the new BR green locomotives produced by Hornby since possibly the early 1980s?

The colour of the green looks washed out. When Tri-ang brought out its 'Britannia' in 1960 the colour was far superior than those of the last 20 to 30 odd years. I would agree this was maybe their plastic colour but Hornby Dublo from the 1950s had a nice shade of green and Bachmann did until a few years ago. Bachmann's later green is

not as good as its initial versions but still superior to Hornby. BR green itself was quite a deep rich green when new and most models are produced as new I assume if not weathered.

With reference to the report on the new 4-4-0 it was warning to read that there are no traction tyres fitted. Tyres are at best a nightmare after a short while and there should be no need for any in this day and age, especially on a steam locomotive. Again, going back to Tri-ang when it brought out the 'L1' and 'M7' locomotives, these did not have tyres but performed well.

Garry Hall, by e-mail.

DCC sound objectively?

described either graphically with a decibel versus frequency chart, or simply by stating the lowest frequency below which output dropped below (say) 6 decibels. Could a more objective way of describing speaker performance be found in future articles?

While on more technical points, in the reviews section, could more details of the driving motor be given, particularly the number of

motor poles and whether it is skew-wound or not? I have found the difference in slow running between three-pole non-skew and five-pole skew-wound motors to be very significant. As I feel that good slow running is very important, how about quoting the slowest steady scale speed attainable with a decent controller?

**Graham Allen,
Wimborne, Dorset**

Quick notes

■ What an inspiration Roy Jackson's Retford layout was in HM100. Not only was the layout wonderful to look at, also the accompanying article was really inspirational reading, explaining in layman's terms how this lovely layout came about.

**Nigel Oates,
Northern Ireland.**

■ May I through your letters page thank the correspondents who replied to my query, especially to Ron Herbert for the picture of D854 and D6337 travelling light in tandem - this gives rise to some unusual movements to create in model form.

Walter Duncan, by e-mail.

■ I must say how much I enjoyed your article on diesel depots (HM101). I have helped a friend operate his exhibition layout a number of times and always find something new to do. There is also another further way you could go - a Diesel Multiple Unit depot like Darlington or Gosforth.

Michael Grange, Billingham.

■ I model the post-privatisation era and find that there are very few road vehicles other than large articulated lorries in the 'modern image' style. I would have thought that manufacturers would have realised that there is a gap in the market for up-to-date private cars and small vans. Maybe I'm not looking in the right places - perhaps fellow modellers can suggest a source?

Iain Hare, by e-mail.



IN PRAISE OF GOOD SERVICE

All too often the only time we write about a company is to complain, but in this case I was bowled over by the commitment to service from one of your advertisers - Model Railway Baseboards.

I had requested three bespoke baseboards and legs for a

free-standing L-shaped layout. Chris Moody took down the details and a week or so later, the beautifully constructed boards were ready for delivery. Then there was a bit of a disaster as his courier company let him down.

The solution? Chris loaded up the boards and legs into his van

and drove from Cambridge to South Wales - now that is service!

The baseboards and legs are superb and after 50 years since my last model railway, I am now busy building a new one. Hats off to Model Railway Baseboards!

**Graham Buxton-Smith,
Powys**

An inspector should be on the Royal 'Schools' footplate

I enjoyed your article on the buffing up weathering of Maunsell 'Schools' 4-4-0 *Kings Canterbury* in readiness to haul a Royal Train (HM100) and the inclusion of crew on the footplate in clean overalls to mark the occasion - but is there someone missing? On such an important turn would there not be a Traction Inspector on the footplate as well from depot back to depot and possibly a member of the Constabulary whilst the train

was hauling the Principals? Maybe Modelu could be encouraged to produce an Inspector, complete with clipboard. He could be used in various positions around the increasing number of depot layouts and on footplates of locomotives that are run in pristine condition on layouts under the guise of a running in turn. An Inspector would likely be on hand to see that the 'factory' had done its job well!

Mick Verrall, by e-mail.



Burshaw

NORTH WESTERN

The West Coast Main Line in the early 1970s was a fascinating location with modern locomotives mingling with steam era stock.

DAVE FORSHAW modelled this fictitious location in 'N' gauge, showing its main line potential to grand effect.

PHOTOGRAPHY, MIKE WILD.



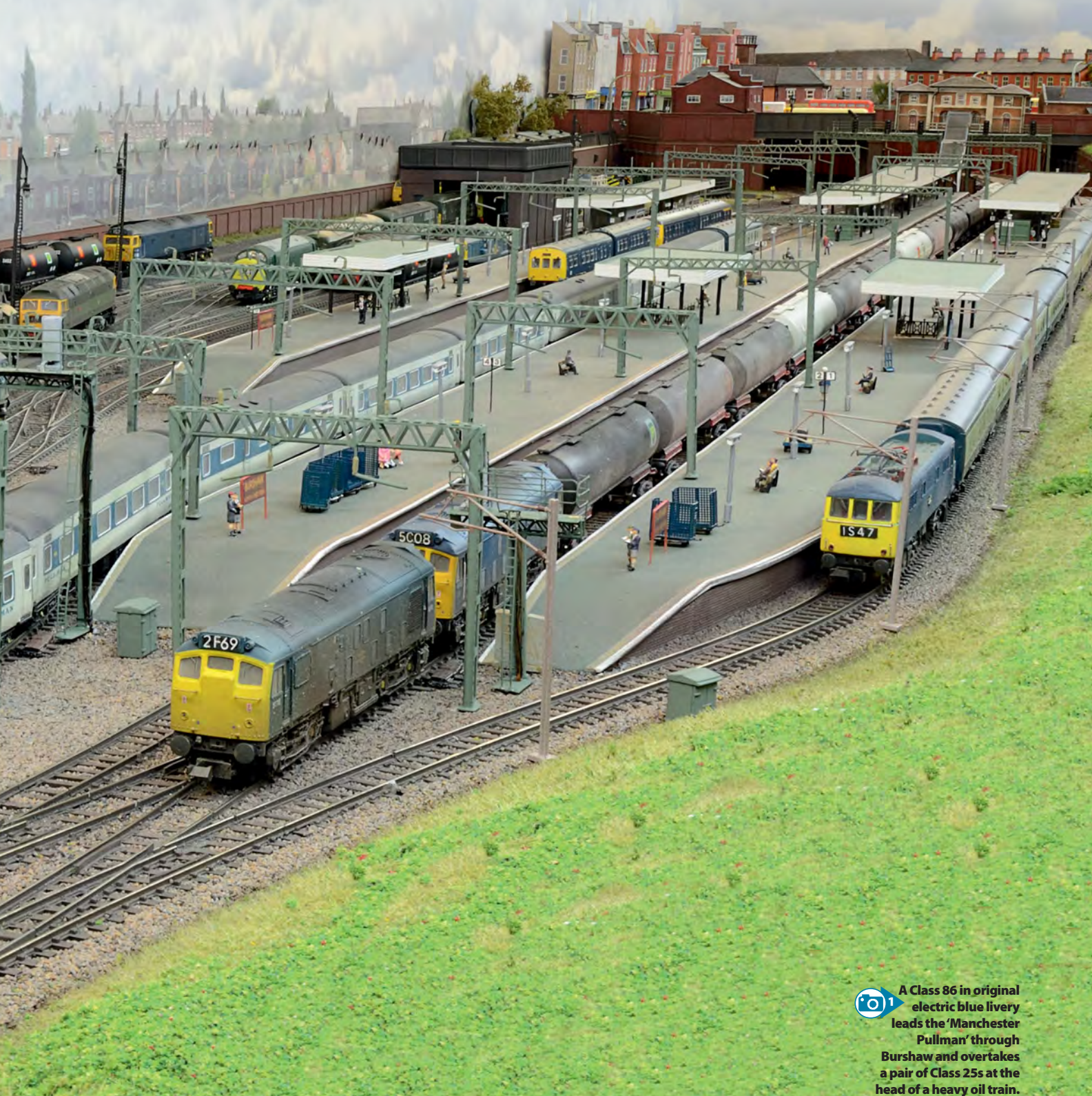
BURSHAW North Western is a fictitious station location on the West Coast Main Line (WCML), in North West England. The overhead wires are almost complete as part of the Crewe to Glasgow project, extending the wires from London Euston to Scotland. New four-aspect colour light signalling has recently been commissioned as part of the upgrade.

In Burshaw it is the early 1970s. Steam has gone and is still banned from the main lines. The British Rail corporate blue image is sweeping across the country, but

not yet complete. The Total Operations Processing System (TOPS) is yet to be implemented, so all locomotives still carry their original numbers. The D and E prefixes are disappearing as there are no longer any steam locomotive numbers for them to clash with. Some are still in green or electric blue, with varying amounts of yellow on the front ends, as well as the new Rail Blue. Whilst passenger coaches built by the 'Big Four' have all but disappeared, freight is carried by a mix of old unfitted and vacuum braked wagons, working alongside the new generation of air braked stock. »

STATISTICS

Owner:	Dave Forshaw
Scale:	'N'
Length:	12ft
Width:	4ft
Track:	Peco code 55 (scenic area)
Control:	Analogue
Period:	BR West Coast Main Line, 1970



1 A Class 86 in original electric blue livery leads the 'Manchester Pullman' through Burshaw and overtakes a pair of Class 25s at the head of a heavy oil train.

INSPIRATION

About six years ago, I was looking at an economic way of modelling a different period to the early 1960s steam-diesel transition I normally model in 'N' gauge, and thought that if I moved the time period forward a few years I could still use some of my existing models. By mixing it with pieces of BR blue stock, which was not very popular a few years ago and often going cheap, a new 1970s fleet could be created.

I grew up in West Lancashire, so for me the real railway was the WCML at places like Preston and Crewe, and their electrics. I already had some old bits of Lima Class 86s, Graham Farish produced a Class 87 and as this was easily convertible to an '86' I could modify some of the locomotives. I remember the blue grey period, not the pre-TOPs part, but I was at least born by the early 1970s,

which is more than could be said for my normal modelling period. The fact that I had never seen this period modelled in 'N' gauge before was also a challenge that needed to be addressed, and, with another rarely modelled feature - catenary, I hoped to create a pretty unusual and interesting layout.

At that time, I also spent extended periods working away from home, and wanted a layout that would fit in a spare room, but could still handle full length trains. Most of the 9mm plywood baseboards (both frame and decking) were recycled from old projects and the station and shed areas already had track and some wiring, which needed only minor changes. This resulted in a 12ft x 4ft layout - small enough to move in a big car and fit in many rooms, but big enough to meet my desire of running long trains.

The same layout would occupy at least 24ft x 8ft in 'OO' gauge, which may be why 'N' gauge is so popular for main line layouts now. The range of high quality 'N' gauge rolling stock is superb now too, with new models coming along all the time, almost at the same rate as their 'OO' cousins.

Travelling on the WCML over the years I have seen effects of the 1960s electrification 'modernisation' in places like Coventry, Stafford and Wigan North Western and wanted to replicate this style. Burshaw is an amalgam of my home village, Burscough and my surname. It is the third of my layouts to use the Burshaw name, with the 'North Western' being derived from the Wigan (London &) North Western station, which was one of those modernised, and provided some of the design cues of a typical 1960s rebuild.



2 Right: The storage yard at the rear of Burshaw is extensive and features four main line routes as well as the separate branch line yard.

3 Below: A busy moment as a Class 46 and Class 50 pass in the platforms while a Class 25 moves slowly into the goods loop alongside a pair of DMUs.



TO WIRE OR NOT TO WIRE

This was a major question. Whilst I would not contemplate running overhead electrics without representing the catenary at all, the thorny question of whether to model the actual wires had to be addressed. In the end I decided not to, mainly on the grounds of the difficulty of keeping the track clean without wrecking the wires. When I looked at prototypical photographs, the wires are practically invisible from normal exhibition viewing distances. All the catenary portals are produced from N Brass etchings, suitably modified to fit their locations. There are 30 portals all folded and soldered together, with droppers and tensioners attached. I spent many an hour burning my fingers. A few Dapol masts complete the setup.

More catenary portals were used as the basis of the signal gantries, using etched railings, also from N Brass, and bits of scrap brass to complete the structures. The four aspect signal heads are all from CR Signals, including the working feathery. These are linked to Heathcote Electronics IRDOT IRDASC-4 modules (HM101), which use infra-red light to detect the train to set the signal red when the train passes, and then use timers to sequence through double yellow, yellow and green. Some additional wiring links to point motor switches forces red aspects on the reversible lines and when the routes are set against a signal. Whilst not totally authentic or fully interlocked, it does mean that it works automatically and is one less thing for operators to concentrate on - I much prefer to run trains!

LOCOMOTIVES

There are very few locomotives that can be used out of the box for the early 1970s period, so some number removal and

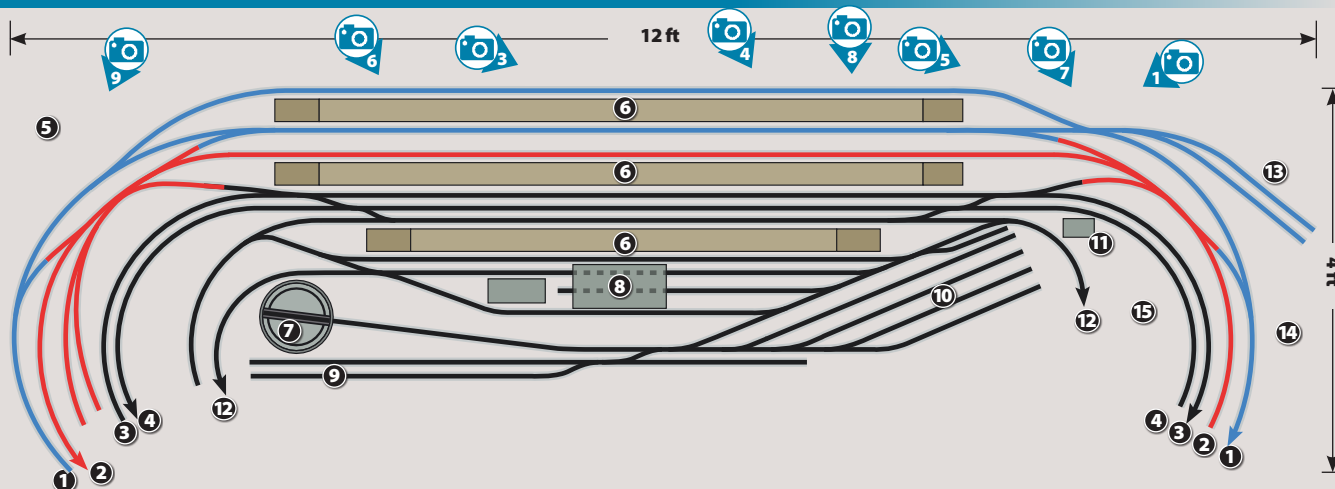
transfer work is essential. Fortunately the TOPS numbers rub off quite easily with a bit of Brasso on the end of a blunt cocktail stick. Virtually every blue locomotive has been renumbered to remove its TOPS number and reinstate the original, often relocating the BR arrows, and returning the headcode boxes to use as well.

The other major task has been 'unrefurbishing', as most models are tooled in their refurbished condition. Main targets were the nine D400s (Class 50) on the layout, as these were the prime diesel class taking forward trains to Scotland until the wires were finished. The Farish model portrays the locomotives in later life, so the plated over roof sections were reinstated and high intensity headlamps removed before repainting and renumbering.

Dapol Class 86s were the other main project for backdating - a great help in many respects as it is a much better model than a modified Farish Class 87, which was the only viable option when I started this layout. Again they are restored to original condition, removing the Time Division Multiplex and multiple working cables, headlamps and so on. Headcode boxes were reinstated and bogie side frames modified to remove the Flexicoil suspension on most examples. All required a full repaint into electric blue or BR blue, as Dapol has not produced these liveries. The original alloy numbers and totems are Fox transfers and BR arrows BH Enterprises etches. Bits of Lima Class 86s, Dapol Class 86s, Farish Class 87s and plenty of Milliput have been used to create AL1 and AL5 (Class 81 and 85) so far, with more first generation electrics to follow.

A number of the diesel locomotives share chassis with their early sixties green mates. I have collected a number of spare bodies >>

BURSHAW NORTH WESTERN TRACK DIAGRAM (NOT TO SCALE)



KEY

1 Down fast	4 Up slow	7 Turntable	10 Old depot	13 Stabling sidings
2 Up fast	5 Town scene	8 Cooling plant	11 Signalbox	14 Factory
3 Down slow	6 Platform	9 New depot	12 Branch	15 Gas works

over the years from various kit building projects requiring donor chassis. About a dozen of these resulting bodies have been painted, numbered and weathered to fit this period, the chassis being 'borrowed' from plain green locomotives not suited to the period. Many diesels stayed green with increasing amounts of yellow on the ends well into the 1970s. So far, the latest dated example I have found is a Class 47 from 1975, complete with TOPS number. Pictures from the same year show maroon station signs still present in Wigan too!

MULTIPLE UNITS

So far for this layout, I have built Cravens Diesel Multiple Units (DMUs) from old Class 101 bodies with Electra Graphics sides and N-Train ends and a new Farish Class 108 chassis. These work alongside plain blue Farish Class 101s and Class 108s. I've recently completed my first 3D printed kit, a Class 128 Parcels unit, which is propelled by a Dapol 'bubble car' chassis. I've tried to make this model more widely usable so it is green on one side and blue on the other, a technique I will use again on other models to make them fit two different periods.

Both WCML 25kV EMU classes of the period have been built. The AM4 (Class 304) unit uses altered etched brass sides from a BH Enterprises 'bubble car' kit, with white metal ends bent to create the sloped front and filled to create the correct window layout. It is powered by a Dapol 'bubble car' chassis. The AM10 (Class 310) utilises Farish Mk 2 coach bodyshells, with sides and ends from Electra Graphics and a Class 150 DMU chassis for power. The pantograph and insulators came from a spare Class 87 body.

CARRIAGES AND WAGONS

At the time Burshaw is set the London Midland Region had just taken delivery of its first air-conditioned stock (BR Mk 2d), but most trains are formed from Mk 1, Mk 2a and 2c stock. These are gradually being cascaded to less important work as the new designs take over the prime trains, including the 'Royal Scot', which is usually in the hands of a pair of English Electric Type 4 Co-Cos (later Class 50s).

Burshaw NW is designed to perform the diesel to electric changeover that used to happen at Crewe and then Preston which was often formed of Mk 2a and 2c stock a large number of which have been built from Farish Mk 2fs using Electra sides with additional roof vents and corrected underframe detail. These are now available ready-to-run, but one Mk 2 coach variant I don't expect Bachmann will produce is the Pullman. The eight coach 'Manchester Pullman' is formed of more old Farish

bodies with Electra sides. Mind you, Farish has produced the solo 'Nightcap Bar' (ex-Mk 1 Pullman), which fortunately featured in WCML 'sleeper' trains in the early 1970s.

The superb new generation of Farish Mk 1 stock is also widely used on Burshaw.

Freight is also in a transitional period, as the traditional short wheelbase unfitted and vacuum braked wagons start to give way to the new air braked stock, including HOP AB (HAA), OPEN AB (OAA) and VAN AB (VAA). It still looks wrong, but it is totally authentic for electric locomotives to be hauling unfitted wagons. The Freightliner brand was a Beeching era success story, and had been running container trains for a few years, and established block working, alongside Merry Go Round (MGR) coal trains, and oil >>

"Wires are practically invisible from normal viewing distances."

DAVE FORSHAW



4 Right: The depot maintains a variety of locomotives. In representing the very early 1970s BR green liveries still stand side by side with the new rail blue colour scheme.

5 Below: A Class 47 weaves through the pointwork on the approach to Burshaw as a Class 310 EMU departs.





The prototype HST undertakes a test run on the West Coast Main Line and passes a newly built Class 87 electric.



Much use of Scenecraft and Lyddle End buildings has been made to develop the urban setting of Burshaw.



Detailing of the station is impressive with British Rail era station lamps, brute trolleys and more.



Freights pass in the cutting outside the station with a Class 44 at the head of a domestic coal train and a Class 86 with a bulk cement working.

trains with 100tonne bogie tank wagons.

An extensive storage yard is positioned to the rear of the layout to accommodate the wide range of trains which are available to the layout. This is semi-automated to allow trains to be moved up in each road without affecting operations on the front of the layout. This is achieved by providing a separate controller for each circuit which is permanently set at a predetermined speed. Once the leading train from a loop has left, the switches are changed over for the next section and the following train moves forward until it reaches the isolated section at the front of the loop. Some loops have three or more sections to allow multiple short trains to be accommodated.

THE SETTING

The scenic part of the layout uses Peco finescale code 55 track work with code 80 in the storage yard. It is ballasted with a mix of Woodland Scenics and Green Scene products. There isn't much greenery on



the layout, but the few patches use a mix of flocks, static grass and sea moss trees. The structural parts are from Hornby Lyddle End, Knightwing and scratchbuilt from plastic and card. The buildings range from Lyddle End and Scenecraft items, through kits from Peco, Metcalfe, Kestrel and Ratio, to scratchbuilt. Many have been altered to fit the scene. For example, the old steam shed is made of Peco sides with a scratchbuilt roof and the platform buildings are Kestrel kits underneath with scratchbuilt canopies.

All the railway artwork was produced on my PC and printed on photographic paper, or transfer paper. Both the British Railways Gill Sans and corporate British Rail Light and Heavy fonts can be downloaded from the internet for free. This technique was used to create the transfers used on the platform lamps, direction signs, station buildings, buses and so on.

This is the first time I have used a photographic backscene. The quality is

great and much better than the traditional painted watercolour equivalent. Some of it has been mounted a few millimetres in front of the main backscene to add a greater perspective of depth to the layout. The only problem is that it is very easily damaged. It has been sprayed with acrylic matt varnish for protection. This also tones down the normally glossy images. Next time a tougher solution is needed, most likely using a matt finish laminate. Fitting a light timber frame to the 6mm plywood backscene itself has worked well to stop any warping and allowed me to fit small bolts to keep them well aligned.

The period was completed using appropriate vintage vehicles mainly from Oxford Diecast and BT Models all of which have been matt varnished so they blend in better. Sankey Scenics produces some lovely period posters and they had me checking which year films were released and cars launched! This should make it easy to work out when and where the layout is set without a train in sight.

WHAT NEXT?

I've now started dabbling with stock set for the early 1990s period, currently experimenting with motorised Driving Van Trailers (DVT). The best one so far squeezes a Dapol HST power car chassis inside its Mk 3 DVT. Why? It's because the semi-automated fiddle yard requires the power unit to be at the front of the train. I will have a use for those dummy Class 86s after all! It is an easier period to model with lots of ready-to-run stock, but I've already built a Class 323 EMU from a Class 170 Turbostar, again using Electra sides and Etched Pixels brass cab ends.

So an alternative guise for Burshaw NW will appear sometime soon, arguably featuring BR at its best - the sectorisation years prior to privatisation.

Construction of my next project, Preston station, has begun, and will be over four times the size of Burshaw NW at 25ft x 10ft, about the same size as a 'OO' version of Burshaw would be. That's why I model in 'N' gauge! [Hornby](#)

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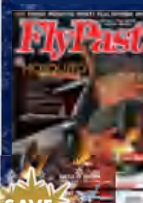


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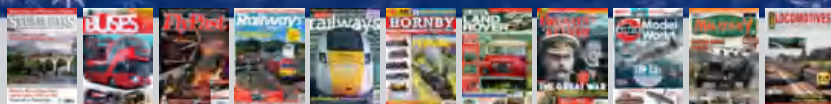
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FULL-SPEC Crosti

Hornby's new Crosti boilered '9F' is an excellent locomotive that falls short of the ultimate levels of refinement in only a few non-critical areas. **TIM SHACKLETON** upgrades and enhances the recent release to create a model he's coveted for half a century.

LIKE *DUKE OF GLOUCESTER* and *Cock o' the North* before it, Hornby has earned widespread praise for offering this high quality production at an affordable price. Sure, the odd corner has been cut to fit this brute of a locomotive into the RailRoad category, but with each model the basic shape and form is spot on. If you're so minded, there's nothing that can't be put right or improved with a few simple hand tools and a basic set of skills.

Having already tackled *Duke of Gloucester* (HM81) I wanted to see just how much actually needed to be done to bring this powerful

2-10-0 up to the full-on standard of such paragons as Hornby's K1 or 'Britannia'.

This is my fourth Crosti boilered 9F, following on from the superb DJH kit for the rebuilt engine and a rather less successful interpretation (never completed) using a Crownline conversion kit. The first version, however, was the game-changer. It, or rather the article in the January 1965 *Model Railway Constructor* that inspired it, was unquestionably the single biggest influence in setting me off down the long, winding road of refining, revamping and reworking all kinds of kit-built and ready-to-



When they first appeared, the highly unorthodox Crosti-boilered '9Fs' attracted a lot of attention. They soon appeared on the covers of the new Ian Allan ABCs.



STEP BY STEP **DETAILING A HORNBY CROSTI '9F' 2-10-0**



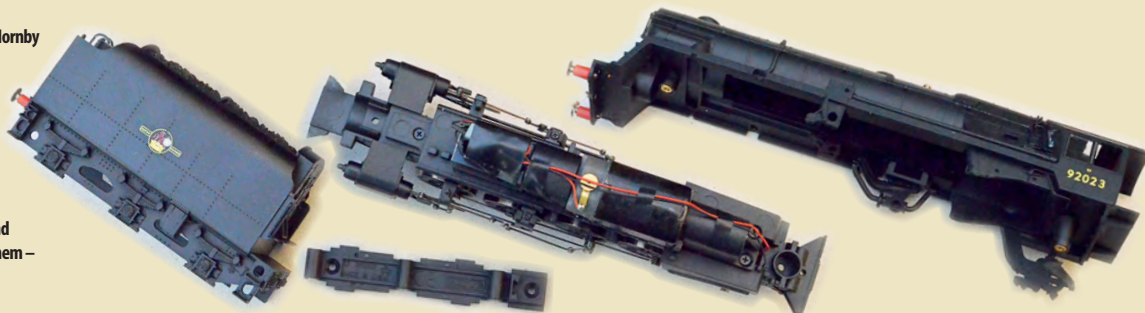
1



Whether you're working with an original Crosti or the later version with smoke deflector, the modifications needed to bring the model up to speed are relatively minor. The main issue is that there's no brake gear, which leaves the model looking distinctly light and airy around its wheels. The front end needs detail but otherwise Hornby has done a terrific job in capturing shapes and styles that I know from personal experience are very hard to get right.

2

Fortunately the Hornby Crosti comes apart very easily – and goes back together again without fuss. You take your life in your hands when dismantling some modern ready-to-run locomotives and then trying to reassemble them – this is very different.



run locomotives. It showed just what could be done with a Kitmaster *Evening Star* if you put your mind to it – the Tyne Dock-Consett air pump version, Crostis, Giesl ejector and the rest were all, suddenly, possible. For a 14 year-old schoolboy, it was a revelation, the start of a lifetime's kitbashing, scratchbuilding and every other form of modelling in which the base model was only the starting point.

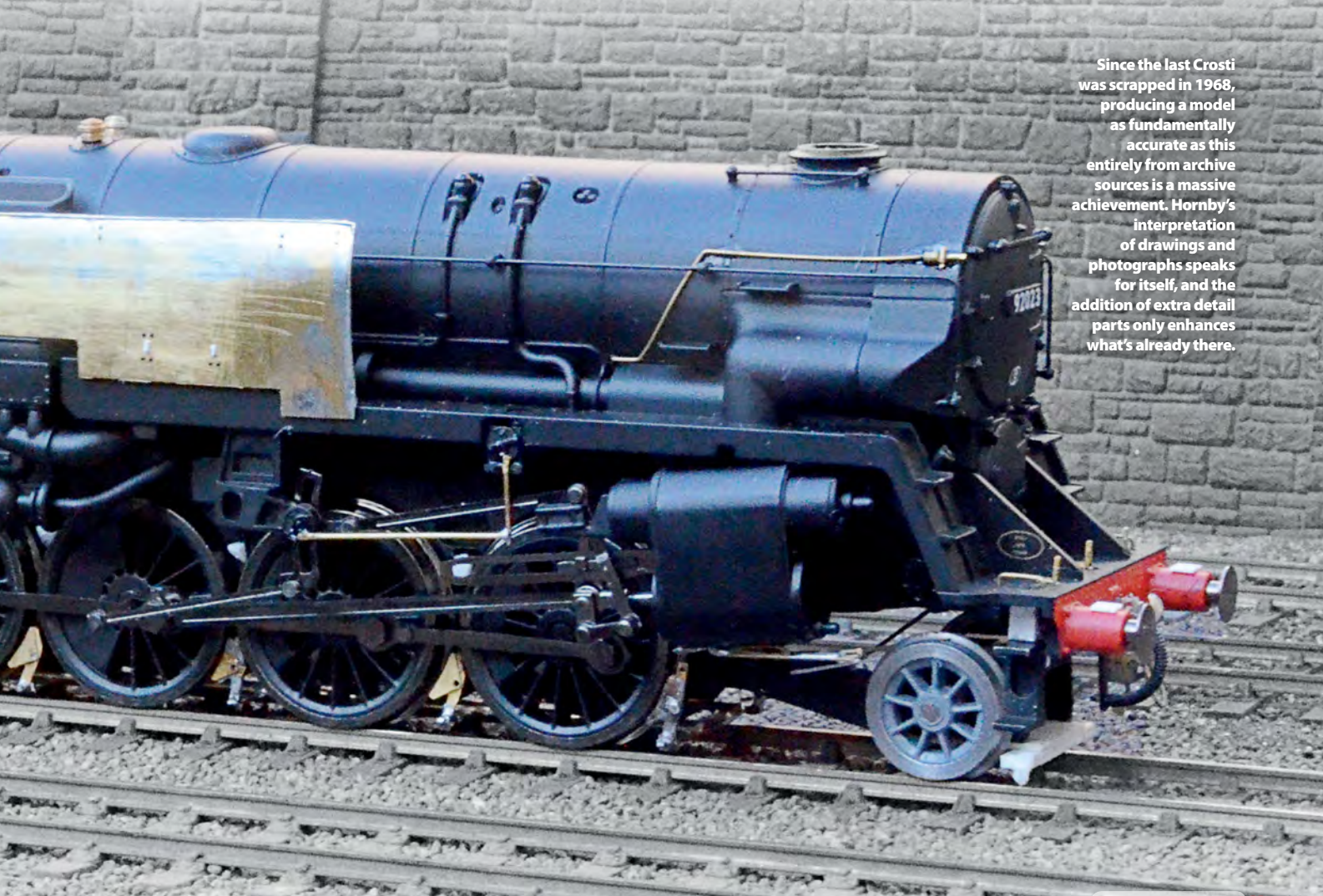
Deviating only slightly from what the *Model Railway Constructor* article suggested, the end result was a reasonable approximation of a Crosti that featured a pre-heater made out

of dowelling and elbow shaped steam pipes carved from a pencil. The secondary smokebox door was a button from my mother's sewing basket and I converted the kit's inset BR1G tender to a high-sided BR1B using notepaper. I still have the model but, not wishing to look a complete fool, I'll keep it to myself for now.

Exactly half a century later, how things have changed in terms of what's available over the counter! And yet, for me, the excitement isn't in buying or even running a model so much as building on its potential to push for ever-higher standards. I love nothing more than taking

knives, saws, drills and files to an expensive new locomotive and if the makers haven't quite got something right – as with this Crosti – I'm more than happy to sort it out myself. ... all this was inspired by an article I read 50 years ago!

Here I've explored the full potential of what can be achieved with the solid base of the new Hornby Crosti '9F' model, but everyone has their own limits. Do what you feel comfortable with and build upon your skills. Whatever you add to a model it will be pleasing to know that it has your stamp on it and that it has taken it up another level. Enjoy... 



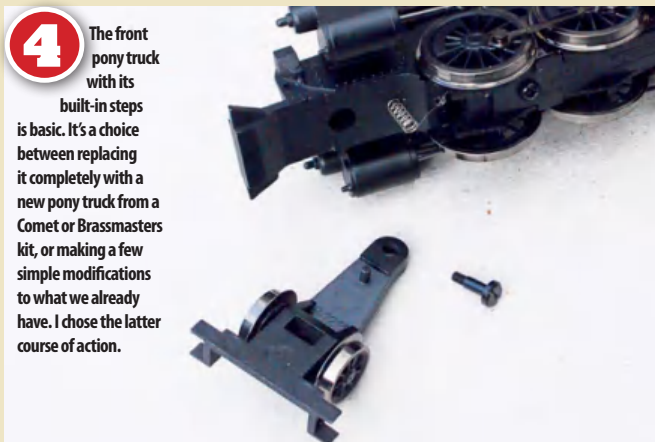
Since the last Crosti was scrapped in 1968, producing a model as fundamentally accurate as this entirely from archive sources is a massive achievement. Hornby's interpretation of drawings and photographs speaks for itself, and the addition of extra detail parts only enhances what's already there.

STEP BY STEP **DETAILING A HORNBY CROSTI '9F' 2-10-0**

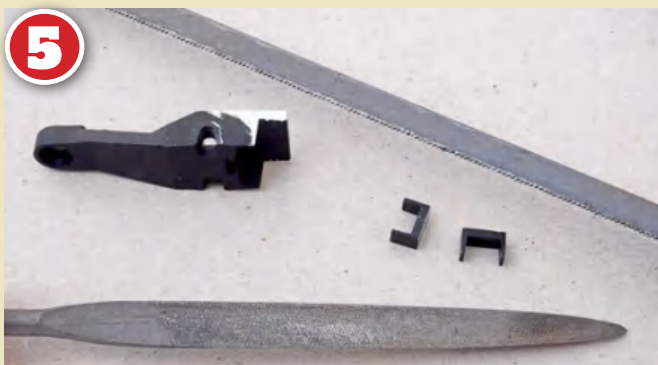
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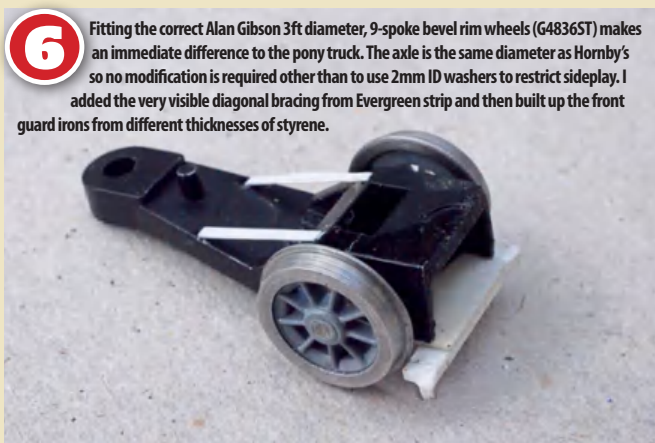
3 Unless you have very tight curves on your layout, there's no need for the amount of play provided on the driving wheels – on level track it makes the locomotive slew from side to side. Using fibre washers trimmed into a horseshoe shape so they'd slip easily over the axles, I limited sideplay on the front, centre and rear axles. This brought about an immediate improvement in the steadiness of running on straight track. I get my washers from Eileen's Emporium (www.eileensemporium.com) but Peco produces something very similar.



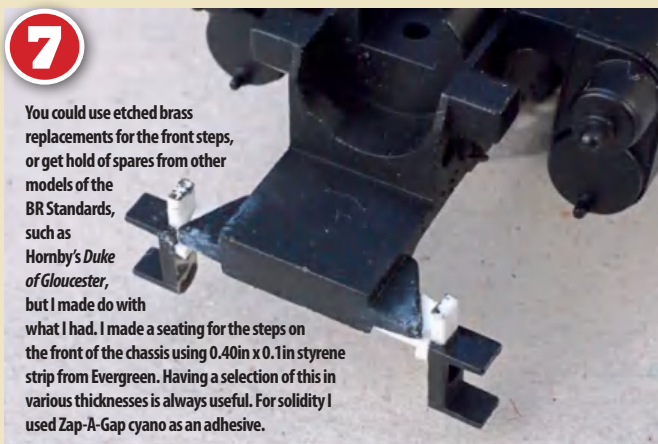
4 The front pony truck with its built-in steps is basic. It's a choice between replacing it completely with a new pony truck from a Comet or Brassmasters kit, or making a few simple modifications to what we already have. I chose the latter course of action.



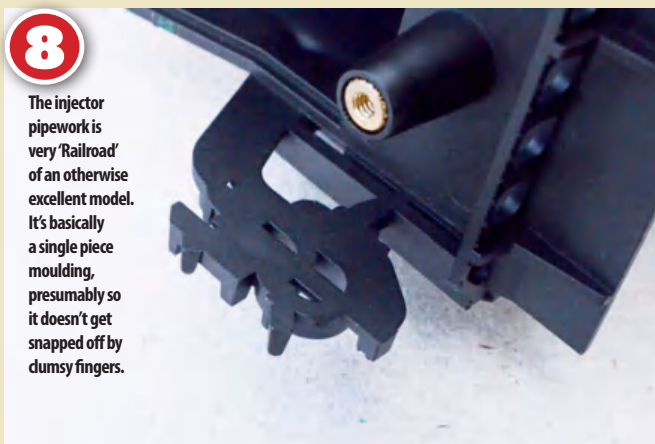
5 Using a junior hacksaw I cut off the steps, followed by most of the actual pony truck casting ahead of the axle bearings. You can still fit a tension-lock coupling if you wish but a '9F' pulling a train while working tender first was an exceptionally rare sight.



6 Fitting the correct Alan Gibson 3ft diameter, 9-spoke bevel rim wheels (G4836ST) makes an immediate difference to the pony truck. The axle is the same diameter as Hornby's so no modification is required other than to use 2mm ID washers to restrict sideplay. I added the very visible diagonal bracing from Evergreen strip and then built up the front guard irons from different thicknesses of styrene.



7 You could use etched brass replacements for the front steps, or get hold of spares from other models of the BR Standards, such as Hornby's *Duke of Gloucester*, but I made do with what I had. I made a seating for the steps on the front of the chassis using 0.40in x 0.1in styrene strip from Evergreen. Having a selection of this in various thicknesses is always useful. For solidity I used Zap-A-Gap cyano as an adhesive.



8 The injector pipework is very 'Railroad' of an otherwise excellent model. It's basically a single piece moulding, presumably so it doesn't get snapped off by clumsy fingers.



9 Working from the side of the moulding, you can thin down and round off the exposed edges to create a much more convincing effect. On previous '9Fs' I have rebuilt this part of the locomotive from scratch using Alan Gibson's excellent lost wax castings for the steam fittings but here I wanted to use as much as possible of the original.



10 To fit the front grab irons I first drilled holes in the front platform using a No. 76 bit in a pin chuck. Drilling slightly oversize allows room for manoeuvre. The grabs themselves are from Alan Gibson 0.33mm brass wire. Not all '9Fs' – including the Crostis – had these grab irons, so check photographs of your preferred locomotive at the chosen period.



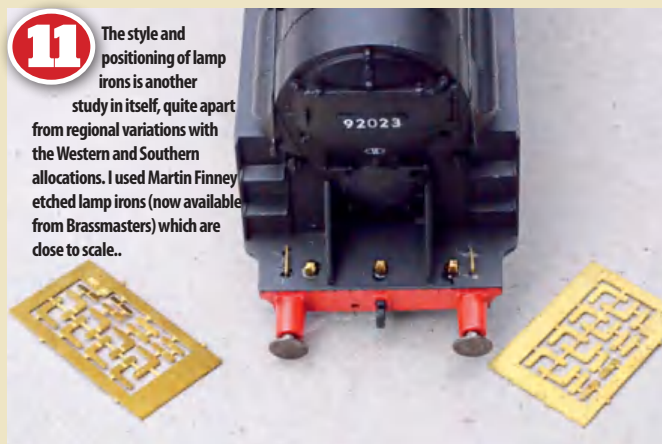
Above: A marvellously evocative study of 92023 – the subject of Hornby's model – on shed and very much in steam at Toton in September 1958. Comparing this image with the model version reveals a number of compromises, especially around the front end. Less immediately obvious is the fact that the smoke deflector on this particular locomotive is much larger than the one Hornby has modelled. Placed in traffic between May and July 1955, all ten Crofts had received smoke deflectors by February 1956 but the one fitted to 92023 was unique. *P H Groom.*

USEFUL LINKS

Hornby	www.hornby.com
Mainly Trains	www.mainlytrains.com
Brassmasters	www.brassmasters.co.uk
Eileen's Emporium	www.eileensemposium.com
Alan Gibson Workshop	www.alangibsonworkshop.com

11

The style and positioning of lamp irons is another study in itself, quite apart from regional variations with the Western and Southern allocations. I used Martin Finney etched lamp irons (now available from Brassmasters) which are close to scale..



12



After problems with the exhaust beating down on the cab, all the Crofts were fitted with smoke deflectors. Nine of them had deflectors 10ft long but 92023 was experimentally fitted with a smoke deflector 12ft 6ins long, which gave it a very different appearance. You have the choice of accepting the error, renumbering your model or making a new and longer smoke deflector. If you choose the latter course, as I did, removing the existing fitting is a simple pull-out operation.

13

Test-fitting the replacement scale sized smoke deflector, which I made from 0.005in brass sheet from Eileen's Emporium, with beading in 0.2mm nickel-silver wire.

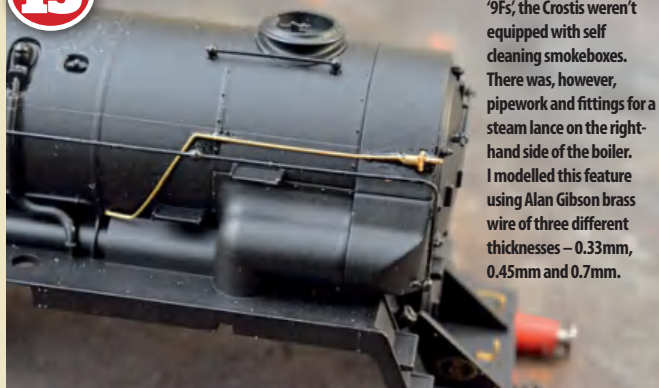


14



I added bolt heads and other details using tiny slivers of styrene and the indispensable Archer rivet strips (HM99). The snug fitting panel that gave access to the sandbox filler is simply scribed on to the surface.

15



Unlike the standard '9Fs', the Crostis weren't equipped with self cleaning smokeboxes. There was, however, pipework and fittings for a steam lance on the right-hand side of the boiler. I modelled this feature using Alan Gibson brass wire of three different thicknesses – 0.33mm, 0.45mm and 0.7mm.

16

Being in such a vulnerable position, the pipework from the cylinder drain cocks was often a bit of a tangle. These were soldered up using wire bent to shape with pliers. The upward pointing spike provides the anchor point where a corresponding hole is drilled in the cylinders. An alternative is to buy a detailing pack for a Hornby 'Britannia' or Duke of Gloucester model from the Hornby spares range which includes BR Standard pattern drain cocks as well as other useful items such as cab doors.



17



I wanted to improve the tender ladder, so I took it to bits with wire cutters and smoothed off the side pieces ready to be glued to a length of signal ladder that would represent the rungs. Plan B would be to use a tender ladder from another of Hornby's BR 'Standards' – if you can find one.

18

Test fitting the rebuilt ladder suggested a couple of tweaks may be necessary. The screw coupling is assembled from Masokits components. Note that many '9Fs' had a different design of coupling with an extra swivel link at the top.



19



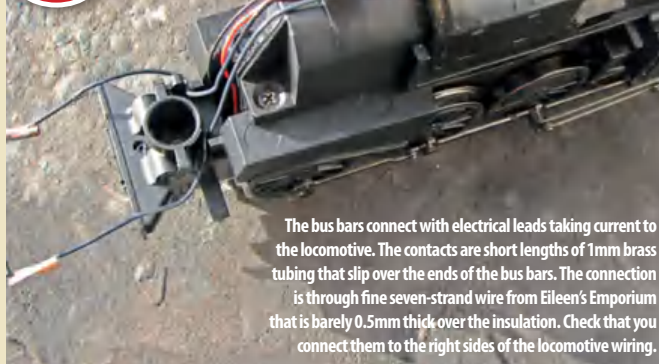
To improve current collection I soldered extra pick-ups to the tender. First off I glued strips of pre-tinned copper-dad sleeper strip to the tender keeper plate and linked them with bus bars of Alan Gibson's 0.7mm brass wire. The actual pick-ups are made of 0.25mm (10thou) beryllium copper wire – a naturally springy material that I buy from Hobby Holidays (www.hobbyholidays.com).

20

I hadn't foreseen that I might have problems with the bus bars short circuiting on the axles. The solution was to reroute them so they passed below the front and centre wheelsets. At the same time I adjusted the pick-ups so they were well clear of anything on which they might short out.

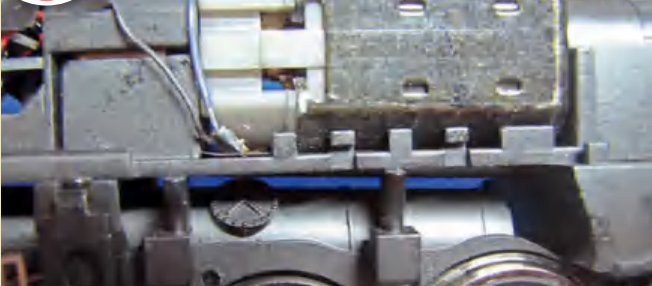


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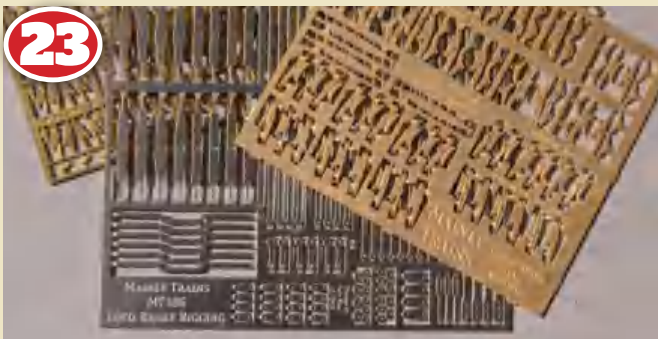
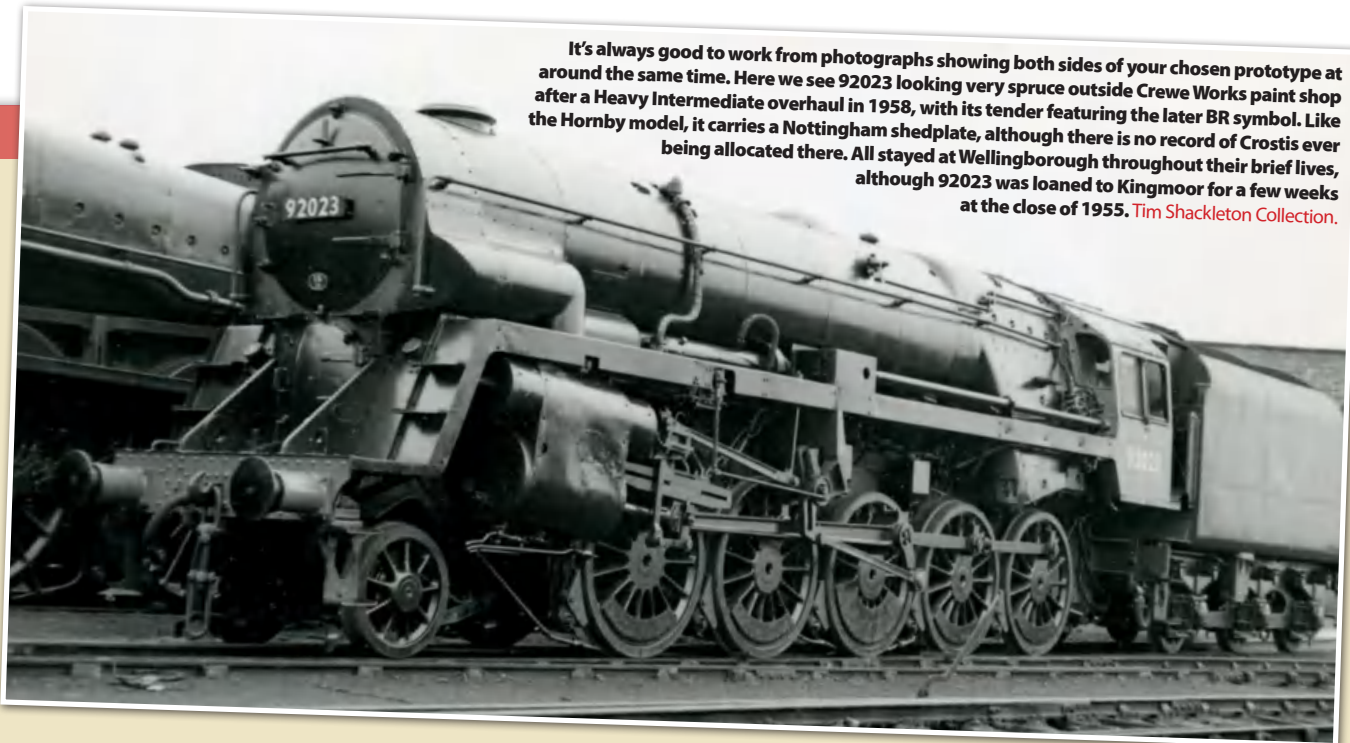
The bus bars connect with electrical leads taking current to the locomotive. The contacts are short lengths of 1mm brass tubing that slip over the ends of the bus bars. The connection is through fine seven-strand wire from Eileen's Emporium that is barely 0.5mm thick over the insulation. Check that you connect them to the right sides of the locomotive wiring.

22

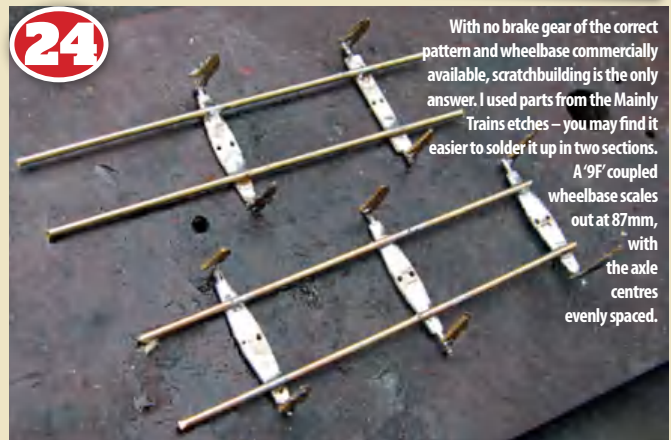


The wires are soldered to each of the motor terminals, giving 14-wheel pick-up rather than eight. You can't use insulated wire thicker than 0.5mm because the bodyshell is a very tight fit over the chassis and with anything more substantial it wouldn't seat properly when it's replaced.

It's always good to work from photographs showing both sides of your chosen prototype at around the same time. Here we see 92023 looking very spruce outside Crewe Works paint shop after a Heavy Intermediate overhaul in 1958, with its tender featuring the later BR symbol. Like the Hornby model, it carries a Nottingham shedplate, although there is no record of Crostis ever being allocated there. All stayed at Wellingborough throughout their brief lives, although 92023 was loaned to Kingmoor for a few weeks at the close of 1955. *Tim Shackleton Collection.*



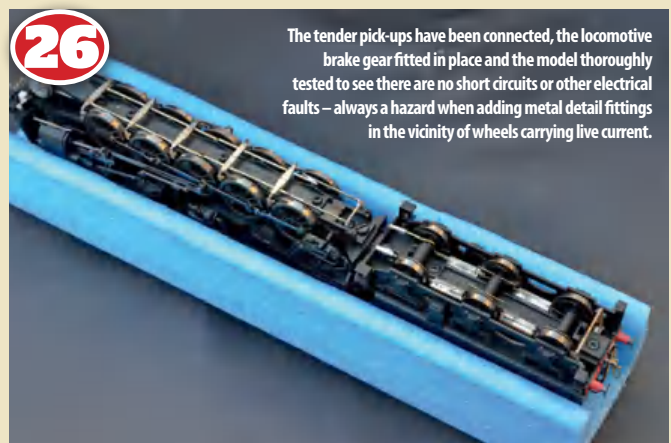
The absence of brake gear is very visible on the Hornby locomotive but less so on the tender. Since the '9Fs' had a distinctive pattern of brake gear with the hangers inside and behind the driving wheels, this has to be modelled accurately rather than just using generic components. My starting point was a selection of etches from Mainly Trains (www.mainlytrains.com).



With no brake gear of the correct pattern and wheelbase commercially available, scratchbuilding is the only answer. I used parts from the Mainly Trains etches – you may find it easier to solder it up in two sections. A '9F' coupled wheelbase scales out at 87mm, with the axle centres evenly spaced.



The brake gear on any BR 'Standard' tender is inconspicuous behind the sideframes but the rear set and its linkages are very visible below the buffer beam, so I modelled just the hindmost pair of brakes using Mainly Trains etched parts. The subterfuge isn't obvious – omitting the front and middle sets saves work and, more importantly, avoids the risk of a short circuit.



The tender pick-ups have been connected, the locomotive brake gear fitted in place and the model thoroughly tested to see there are no short circuits or other electrical faults – always a hazard when adding metal detail fittings in the vicinity of wheels carrying live current.



With a few final details now added – lubricator drives, vacuum hoses, sandpipes – the additional brass fittings on the Crosti catch the early-autumn sunlight. Although I've made quite a few changes to the model as supplied, none of them entailed much by way of extra work.

NEXT MONTH

● Tim Shackleton takes the Crosti project to completion by giving the locomotive the full weathering treatment. HM103 will be on sale on December 10 2015.

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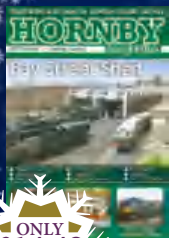
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Hornby - Baseboards, Tracklaying and Wiring DVD

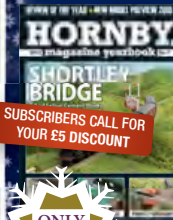


The second volume of the Hornby Magazine DVD. In this informative and entertaining programme we look at the various stages of building a model railway, from the construction of the baseboards to the running of the first trains. This DVD will guide you through the various aspects of building a railway in miniature. **Region 2 DVD, Running time 80 minutes**

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Code: DVD614

Hornby Magazine Yearbook 7 - Collector's Edition



In this seventh edition of the Hornby Magazine Yearbook the North Eastern Region of British Railways is the prime source of inspiration for a layout build which features the unique atmosphere of a branch line railway system built in 'OO' gauge by Hornby Magazine's Editor Mike Wild. **Hardback, 128 pages.**

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Hornby Magazine Design Manual - Volume One



This publication from the team behind Hornby Magazine, has many ingenious and innovative suggestions. Using scale plans, artworks and photographs. This special magazine gives the modeller everything they need to know to plan, design and build their dream model railway layout. **132 pages, special magazine.**

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Filmed over twenty years ago, the series of 'Railway Journeys' films explores the many varied cultures and countries across Europe. Featured in this DVD are the historic Rhine River in Germany, A journey from the North to South of France and a trip along the English branch lines. **Region 2 (PAL) DVD - please check that your player is compatible before ordering, running time 58 minutes.**

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During the final decades of steam locomotive operation on British Railways, keen amateur photographers captured fascinating footage of the end of an era. This programme brings you some of these unique movies, including steam workings at Clapham Junction, the Great Central Line, Stanier Pacifics on the West Coast Main Line and much, much more. A real treasure trove of steam gems. **Region 2 DVD, Running time 120 minutes**

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'OO' GAUGE

Duchess of Sutherland

HORNBY'S popular 'OO' gauge Stanier 'Princess Coronation' 4-6-2 is the subject of this latest train pack from the manufacturer, containing 46233 *Duchess of*

Sutherland and its BR Mk 1 Corridor Brake Second (BSK) support coach. The model represents the

locomotive in the condition in which it returned to the main line during 2012 featuring BR lined green with early crests together with the latest style of overhead

live wire safety signage. The BR Mk 1 support carriage is finished as 99041 in lined maroon and is the first of its new breed of Mk 1s to be fitted with newly tooled Commonwealth bogies,



'OO' GAUGE



Skaledale goes modern with new detached house

This substantial new property is the latest residential arrival in Hornby's Skaledale range.

Featuring three chimneys and 22 glazed etched metal windows, this modern detached house measures 165mm x 190mm x 180mm.

Decorated to a high standard, the brickwork is effective with its two stage mortar and red brick finish.

A truly desirable property ripe for interior detailing. (MC)

THE DETAILS

Manufacturer:	www.hornby.com
Cat No:	R9804
Description:	Modern detached house
Price:	£39.99
Era:	9

'OO' GAUGE

Corrugated iron workshop



New from Hornby's Skaledale range of cast resin 'OO' gauge buildings is this corrugated iron workshop.

Neatly moulded, this L-shaped workshop features crisp corrugated iron sheeting throughout relieved by six windows in two different styles. Decorated in a pleasant faded green finish with convincing rust effects, the lintels and doorsteps are highlighted

in brown to represent wood while the etched metal glazed window frames are painted white. Hinge and lock details on the large green double doors are also picked out.

Measuring 170mm x 100mm, this impressive model would suit a village or town scene and given the number of windows would benefit further from interior detailing and lighting. (MC)

THE DETAILS

Manufacturer:	www.hornby.com
Cat No:	R9810
Description:	Corrugated iron workshop
Price:	£28.99
Era:	3-9

and support coach

matching the prototype vehicle.

Decoration of both models is up to Hornby's usual high standards, the locomotive featuring a quality satin BR lined green paint finish with crisply printed crests, numbers and silver lettered nameplates. The BR Mk 1 BSK is equally well finished with good density to the maroon body colour, grey roof,

white edged footboards and yellow bogie axle bearings. Lining and London Midland & Scottish Railway style numbers are crisply printed, as are the exquisite vestibule end data panels with legible lettering including emergency telephone numbers and registration details.

Whilst the support coach is fitted with NEM coupling pockets with small tension lock couplings, the front end of the locomotive retains its original fitting for Hornby's older

THE DETAILS

Manufacturer:	www.hornby.com
Cat No:	R3221
Description:	Stanier 'Duchess' 4-6-2 46233 <i>Duchess of Sutherland</i> and support coach
Price:	£169.99
Era:	9
DCC:	DCC ready, 8-pin socket
Couplings:	Small tension locks in NEM pockets (tender only)

style of tension lock coupling, which can be fitted if required. The tender, however, is fitted with a NEM coupling pocket and the tender

also houses the 8-pin decoder socket which is connected to the locomotive through a standard Hornby four-wire harness between the two halves of the model.

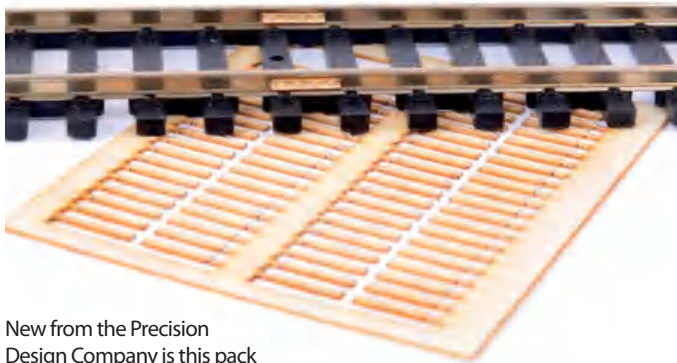
An additional neat touch is the inclusion of an etched set of Royal Crests for fitting above the nameplates, commemorating the locomotive's Royal Train duties during the Queen's Golden Jubilee in 2002.

Offering a prototypical train formation straight from the box, this is another super pack from Hornby which will allow contemporary railway scene modellers to replicate one of the main lines most popular steam locomotives. (MC)



'OO'/HO' GAUGE

Laser cut fishplates help join rails



New from the Precision Design Company is this pack of cosmetic fishplates suitable for 4mm scale track.

Designed to be glued on both sides of the rail, these laser cut card fishplates offer a realistic finishing touch to lengths of rail. For review we received a pack containing 80 four-hole fishplates which were suitable for code 83 and code 100 rail, although other sizes are available for code 70 and code 55 together with 'N' gauge

versions too. Each part requires cutting from the sprue and gluing in place to the side of the rail and can either be painted on the sprue before fixing or painted in place.

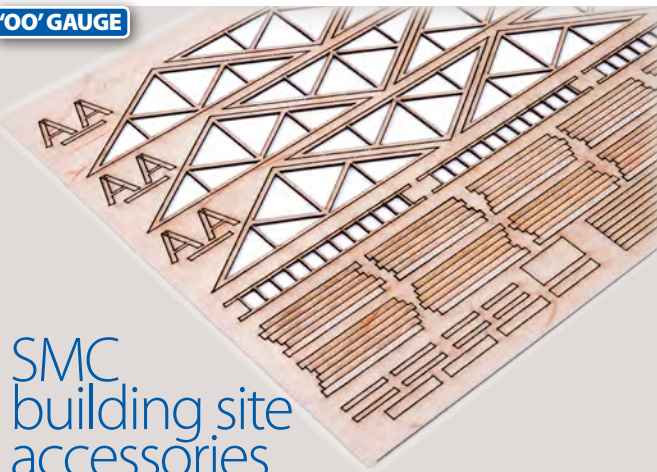
A varied selection of packs is available representing six and four-hole fishplate variants and each is also offered with or without bolts.

A small detail, but they can make all the difference. (MC)

THE DETAILS

Supplier:	www.goldenvalleyhobbies.com
Cat No:	PDC1001EP
Description:	Four-hole fishplates, 80 pieces
Price:	£12.29
Era:	Any

'OO' GAUGE



SMC building site accessories

Scale Model Scenery's range of laser cut kits and accessories continues to expand with the release of this pack of 'OO' gauge timber building accessories.

This latest pack contains four ladders, 12 roof trusses, six wooden trestles and a good selection of plywood sheets, planks and timber stacks – ample to represent a building site or timber yard scene.

Each element has been laser cut and sits in a 0.8mm plywood fret, and simply requires the locating tabs cutting through with a sharp craft knife to release them.

With a growing number of kits and resin buildings representing partly constructed buildings now available, these extra detail parts would be perfect for adding to a construction scene cameo. (MC)

THE DETAILS

Manufacturer:	www.scalemodelscenery.co.uk
Cat No:	LX049-OO
Description:	Laser-cut timber yard/ building site accessories
Price:	£7.50
Era:	7-9

'OO' GAUGE

Hornby 2-HAL returns in BR green



HORNBY'S popular 'OO' gauge 2-HAL Electric Multiple Unit (EMU) returns and in new livery for the model of BR green livery with full yellow ends.

Finished as 2603, Hornby's latest release represents one of the first units to be built for the Gillingham and Maidstone third-rail electrification schemes in Kent, featuring Driving Motor Brake Second (DMBS) S10721S and Driving Trailer Composite (DTC) S12188S.

As with first round of releases (HM89), decoration is good, featuring an evenly applied high quality satin paint finish. Straw coloured lettering

and numbers are crisply printed on each side as are the First Class yellow stripes above the windows and labels on the windows of the DTC, BR carriage roundels and no smoking signs on the DMBS. The distinctive black inverted V on the DMBS full yellow cab end, which indicated to platform staff where the guard's compartment was located, is also modelled.

Housed within the guard's compartment, the motor on our review sample performed well while an 8-pin DCC decoder socket is located behind the motor housing beneath the seating moulding. Careful choice of decoder is

THE DETAILS

Manufacturer:	www.hornby.com
Cat No:	R3340
Description:	BR 2-HAL EMU 2603, BR green with yellow ends
Scale:	'OO'
Price:	£130.25
Era:	6
DCC:	DCC ready, 8-pin socket
Couplings:	Small tension locks in NEM pockets

required to fit this model with a 8-pin harness being preferable so that the interior can be retained.

Suitable for the late 1960s and very early 1970s period, our review sample also features two-tone

air horns, guard's periscopes and heavy duty buffer shanks with sprung metal oval buffers at each end of the two car unit.

This is a fine example of these austere EMUs from Hornby. (MC)

'OO' GAUGE

Oxford Ford Thames 400E

New to Oxford Diecast's range of 1:76 scale models is the 1957 introduced Ford Thames 400E van which is delivered here in British Railways maroon and cream.

Oxford Diecast's model is finished superbly and captures

the appearance of the prototype

With over 190,000 built the 400E is another fine addition to the roster of road vehicles from Oxford Diecast and will look great in goods yard or station forecourt scenes. (MC)



THE DETAILS

Manufacturer:	www.oxforddiecast.co.uk
Cat No:	76FDE001
Description:	Ford Thames 400E Van, British Railways maroon and cream
Price:	£5.25
Era:	5

Mig revives Alclad metal paints

Alclad produced the most convincing metallic-finish paints ever made and now the range has been revived and refined under the Mig Jimenez Ammo brand as Alclad II. The paints are supplied in 30ml bottles and the available choice includes Chrome, Brass, Copper, no fewer than four different grades of Aluminium and a wonderful Jet Exhaust that

has many applications in model railway weathering. For best results, the colours should be thinned with Alclad II Lacquer Thinner and airbrushed over a suitable primer – using the special gloss black base (A.MIG 8210) as an undercoat on silver-finish tank wagons gives stunning results. Look out for the use of these paints in future features. (TS)



THE DETAILS

Manufacturer:	www.migjimenez.com
Cat No:	A.MIG 8200-10
Description:	Cellulose-based metallic paint finishes
Price:	£4.50

'OO' GAUGE

Isle of Wight 'O2' docks

Kernow Model Rail Centre's (KMRC) latest 'OO' gauge London and South Western Railway (LSWR) Adams 'O2' 0-4-4T represents the first Isle of Wight (IOW) variant, based on the sole surviving prototype example. It follows mainland versions in Southern and BR liveries (HM100/HM101) and features a number of detail differences.

Finished as 24 *Calbourne* in as-preserved BR lined black with early crests, it doesn't have pull-push equipment but does include the distinctive Westinghouse air pump required for use with the Island's rolling stock. Other differences include extended coal bunker, rear cab spectacle coal guards, alternative smokebox door, four lamp bracket positions front and rear, Ryde (71F) shedplate, strengthening plates to the locomotive side tanks, alternative style of rear guard irons and a relocated air cylinder together with associated pipework to the air pump.

Decoration is good and features an evenly applied satin BR black paint finish with neat lining and crisply printed small



details including numbers, crests, nameplates and exquisite small numberplate on the bunker.

Fitted with a 6-pin DCC decoder socket, and supplied with a host of separate detail parts including etched fire irons, etched metal nameplates and correct pattern brake pipes for IOW stock, this is another cracking release from KMRC. (MC)

THE DETAILS

Manufacturer:	www.kernowmodelrailcentre.com
Cat No:	K2101
Description:	Adams 'O2' 0-4-4T 24 <i>Calbourne</i> , BR black with early crests
Price:	£124.95
Era:	4
DCC:	DCC ready, 6-pin socket
Couplings:	Small tension locks in NEM pockets

'OO' GAUGE

Hornby's first 'S15' 4-6-0 docks



Following our exclusive review (HM100), the first of Hornby's new 'OO' gauge Maunsell 'S15' 4-6-0s reached the shops during October.

Finished as 30843 in BR black with early crests, the first release features the new straight sided tender while models of 30830 in BR black with late crests (R3329)

and 824 in Southern Railway olive green feature a standard bogie tender with flared sides.

Inside the 'S15s' are fitted with a five-pole skew wound motor, twin brass flywheels and 8-pin DCC decoder socket – the latter positioned in the tender.

A cracking model. (MC)

THE DETAILS

Manufacturer:	www.hornby.com
Cat No:	R3328
Description:	Maunsell 'S15' 4-6-0, BR black with early crests
Price:	£134.99
Era:	4
DCC:	DCC ready, 8-pin socket
Couplings:	Small tension locks in NEM pockets

'OO' GAUGE

A RETURN FOR HORNBY'S 'HOOVER'



'OO' GAUGE

4 Ground opens Jubilee Street houses for viewing

4 Ground is a new name in 'OO' gauge laser cut building kits, and its recently introduced trackside and waterways range includes these impressive brick terrace houses. Other buildings due for release shortly include a public house, church, shops, warehouses, factories, station buildings and more.

Our review sample of the terraced houses kit contained 18 different laser cut sheets. The building base layers are formed of 2mm fibreboard sheets while the exterior brickwork, doors and windows are formed of thinner sheets. Each of the exterior elements is pre-painted with flat matt paint which delivers a pleasant end result, especially to the brickwork.



An easy to follow set of pictorial step-by-step instructions is included, demonstrating the layering and construction process, together with a sheet of glazing for the windows, pairs of curtains printed in various colours and a set of useful street names.

Each part requires careful removal from the sheets by cutting through the small locating tabs with a sharp craft knife. All elements have been crisply cut and are designed to slot together using PVA glue.

Measuring 90mm x 130mm x 113mm, each kit builds a pair of terrace houses which can be added to further kits, creating a realistic-looking terrace street scene. Excellent and available now. (MC)



THE DETAILS

Manufacturer:	www.4groundtrackside.co.uk
Cat No:	OO-SR-102
Description:	Jubilee Street houses
Price:	£26.00
Era:	Any

HORNBY'S 'OO' gauge BR Class 50 diesel makes a welcome return to the range as 50024 *Vanguard* in pristine BR 'large logo' blue with black roof - a livery carried by the prototype for a short period in the mid 1980s. A second Class 50 has been released in the same livery this month too as 50046 *Ajax* (Cat No. R3264).

Bearing the hallmarks of previous releases, decoration is superb with a high quality satin paint finish and crisply printed numbers, nameplates, orange cantrail lining, overhead live wire labels, red buffer beam and white cab front handrails.

Whilst retaining the opening cab doors and adjustable side louvres of previous releases, the roof fan remains static on this latest variant of the Class 50. Bristling with detail, unfortunately our review sample

sustained a detached cab footstep and plastic roof fan grille in transit, although both were easily fixed back in place with a spot of glue.

On test our sample ran smoothly, quietly and confidently throughout the speed range and features directional headlights, illuminated roof headcode boxes and red tail lights according to the direction of travel. An 8-pin DCC decoder socket is fitted together with NEM coupler pockets for use with the supplied small tension lock couplings. Body removal is simple too with the Class 50 body featuring a clip fit over the chassis for access to its internal workings.

The Class 50 is one of Hornby's best diesel locomotives and is sure to prove popular in this much-loved livery as this new release was selling fast as this issue closed for press. (MC)

THE DETAILS

Manufacturer:	www.hornby.com
Cat No:	R3263
Description:	Class 50 50024 <i>Vanguard</i> , BR large logo blue with black roof
Price:	£147.99
Era:	8
DCC:	DCC ready, 8-pin socket
Couplings:	Small tension locks in NEM pockets

'HO' GAUGE

Cyclist with lights

Noch's extensive range of illuminated scenic details includes this 'HO' scale cyclist and bicycle fitted with tiny LEDs for the white head and red tail lamps. Suitable for 'OO' scale street scenes, the bicycle comes pre-wired and includes ready-fitted resistors for quick and simple connection to a suitable power source. Instructions are

included, but the process for our review sample was straightforward and the LEDs on the bicycle were illuminated within a matter of seconds: in fact, it took longer to read the instructions! The LEDs are suitable to use with both AC or DC power supplies with a maximum voltage of 16v AC or 12v DC. Small but incredibly effective. (MC)



THE DETAILS

Supplier:	www.gaugemaster.com
Cat No:	17572
Description:	Cyclist with lights
Price:	£21.00
Era:	7-9

'OO' GAUGE



C=Rail releases FREIGHTLINER CONTAINERS

C=Rail Intermodal has released further livery variations on the early style 20ft containers, with a range of different door styles. These examples go back to the days when Freightliner was a state run operation. The red container with vertical white stripe and the white one with red triangle date from

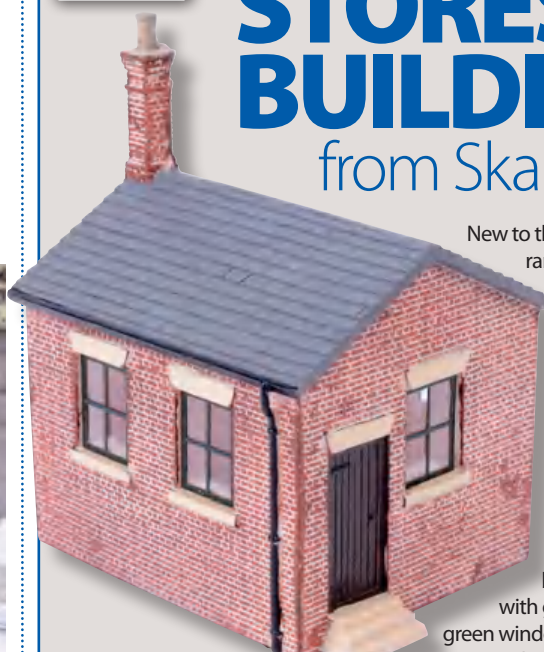
the late 1970s/early 1980s, while the less common red/yellow livery style was introduced in the late 1980s. Though long out of revenue service, the odd Freightliner liveried example still trundles around the network on scheduled services carrying spares from one container terminal to another. (TS)

THE DETAILS

Manufacturer:	www.c-rail-intermodal.co.uk
Description:	8ft 6in 20ft ISO containers in assorted liveries
Price:	£7.00
Era:	8-9

'OO' GAUGE

STORES BUILDING from Skaledale



New to the Skaledale range of trackside buildings is this brick railway stores building. Measuring 68mm x 58mm, it is suitable for placing in a goods yard or depot scene and features a brick structure with grey slate roof, green window frames, concrete lintels, black drainpipe and gutter together with a chimney topped off with a concrete chimney pot. A convincing brick and mortar finish completes this small, but superbly formed package. (MC)

THE DETAILS

Manufacturer:	www.hornby.com
Cat No:	R9825
Description:	Railway stores
Price:	£19.99
Era:	3-9

'OO' GAUGE

Hornby's set is 'Master of the Glens'

THE DETAILS

Manufacturer:	www.hornby.com
Cat No:	R1183
Description:	'Master Of The Glens' train set
Price:	£179.99
Era:	3
Couplings:	Small tension locks in NEM pockets (locomotive)/large tension locks (carriages)



THE LATEST ARRIVAL from Hornby is this impressive new 'OO' gauge 'Master of the Glens' analogue train set.

Added to the range of starter sets this year, this is the first time Hornby's London and North Eastern Railway (LNER) Gresley 'P2' 2-8-2 2001 *Cock O' The North* has been included within a train set.

The set contains all you need to get started including the locomotive, three LNER teak carriages, a Hornby fold out Trakmat, second-radius oval circuit of track together with a left-hand point and siding, buffer stop, analogue power controller, wall plug transformer and a power track.

The icing on the cake is the

stunning Gresley 'P2' 2-8-2 which is finished in simplified LNER apple green with slightly less decoration than the main range model. It does have crisply printed nameplates, numbers and boiler band lining together with separately fitted fine metal handrails, cab glazing, metal buffers and blackened valve gear. The carriages are from Hornby's RailRoad range and represent

the Gresley teak stock hauled by the locomotive in the 1930s.

Bearing in mind the price of the locomotive on its own, you get a lot for your money with this set, which is easy to set up and have operating in next to no time. (MC)

● **Turn to page 13 for your chance to win this fantastic train set in our exclusive competition!**

2016 CALENDARS

Vintage Steam 2016 calendar

New from the Bahamas Locomotive Society is this 2016 calendar featuring 13 high quality black and white photographs from the collection of highly regarded photographer Eric Oldham.

The calendar is A4 size and each of the six calendar pages is double-sided featuring a month per side with a half-page neatly reproduced photograph together with calendar dates printed below.

Each photograph portrays a prototype monochrome image from the Eric Oldham photographic collection which is now in the care of the Bahamas Locomotive Trust and includes a Stanier 'Royal Scot' 4-6-0, BR 'Britannia' 4-6-2, Robinson 'A5' 4-6-2T, Collett 'Castle' 4-6-0, a Bulleid 'Merchant Navy' 4-6-2 with full 'Golden Arrow' regalia and more, together with informative captions. (MC)



THE DETAILS

Manufacturer:	www.bahamas45596.co.uk
Description:	2016 Vintage Steam Calendar
Price:	£7.50 including postage and packing

BR RailRoad 'County' ROLLS IN

'OO' GAUGE



New from Hornby is this Great Western Railway Hawksworth 'County' 4-6-0 in BR lined green with early crests as 1016 *County of Hants* – the first time that this model has been available in BR lined green since its move to the RailRoad section in 2010.

Whilst not as detailed as recent offerings, it still features separately applied metal handrails, sprung metal buffers, blackened wheels and valve gear, brass whistles, factory fitted

vacuum pipes and a detail pack containing brake rodding.

The lined BR green livery is also particularly well applied and features orange/black/orange boiler band lining although there are some simplifications such as the lack of black from the cabside and tender lining. Name and numberplates are neatly printed as are the crisp early BR crests on the tender.

Featuring a copper capped double chimney, placing it in the

THE DETAILS

Manufacturer:	www.hornby.com
Cat No:	R3279
Description:	Hawksworth 'County' 4-6-0 1016 <i>County of Hants</i> , BR lined green with early crests
Price:	£74.99
Era:	4
DCC:	DCC ready, 8-pin socket
Couplings:	Small tension locks in NEM pockets

post-1957 period, and fitted with an 8-pin DCC decoder socket within the locomotive, on test our

review sample ran smoothly. Good value for a big main line locomotive. (MC)

'HO' GAUGE

Vollmer 'cobbles' up CRACKING SCENERY

New from Vollmer is a range of street cobble scenic sheets using pulverised quartz sand in its manufacture and designed to replicate the style of cobbles found in pedestrianised town centres.

This flexible material is formed utilising a mesh backing impregnated with quartz sand and moulded to shape to create realistic cobbles.

Designed to be weather proof, each sheet has a rubberised feel and is designed to be used with

other sections available in the range including straight sheets, 90 degree and 60 degree angled sheets.

Straight from the packet, the sheets have a realistic look and feel about them and are perfect for creating realistic street effects. (MC)



THE DETAILS

Supplier:	www.goldenvalleyhobbies.com
Cat No:	48241
Description:	Real stone cobble street crossing
Price:	£8.20
Era:	Any

Famous Trains 2016 calendar

Famous Trains model railway in Derby has released its new 2016 calendar featuring a selection of colour and black and white photographs of well known trains including the 'Silver Jubilee', 'Blue Pullman', 'Bournemouth Belle', 'Cornish Riviera' and more. Each picture of the real train also includes an inset image of a model of

the same train on Famous Trains' permanent exhibition layout at Markeaton Park, Derby.

Comprising 12 single-sided A4 heavy-duty paper pages, the calendar features one month per page with a neatly printed picture at the top together with a detailed description and calendar dates below. (MC)

THE DETAILS

Manufacturer:	www.famoustrains.org
Description:	2016 Famous Trains Calendar
Price:	£8.50 including postage and packing



'OO' GAUGE

Shedding light on running in

WE ALL TAKE GREAT PRIDE in our model locomotives and the detail which has been built into them. This new and innovative product from the Zeller Rolling Road range – supplied by Wealistic Models in the UK – features an illuminated frame which casts light from LEDs on to the running gear of a locomotive.

The concept is based around Zeller's highly successful slide bar rolling road system and it comes with six rollers and a bogie support with the rollers moulded in clear plastic.

Matching brass wheels are used in each roller while the LEDs are suitably hidden inside the aluminium channel frame.

The rolling road is suitable for use with any steam locomotive as the rollers can be repositioned by sliding them along the frame to suit different wheelbases. Separate connections are provided for track power from either a DC or DCC controller while the LEDs are connected to mains power using a European style two-pin plug which will require an adapter to work with British three pin plugs.

On test we found our sample to be an excellent means of running in new locomotives. Locomotives remained stable and in position on the rolling road and the light radiating up from the sides enhanced the experience of running in a new model. It is also a great way to display and appreciate the quality of current ready-to-run locomotives.

This is an excellent addition to the range of Zeller Rolling Roads and with the addition of lighting enhances what is already an excellent product. (MW)



THE DETAILS

Supplier:	Wealistic Models - 01189 616471
Description:	Illuminated slide bar rolling road
Price:	£110

'N' GAUGE

C&M commissions Scotrail Class 156 for 'N'

The latest commission from Carlisle based retailer C&M Models is this Dapol 'N' gauge Class 156 two-car Diesel Multiple Unit (DMU) finished in Scotrail Saltire livery. Finished as vehicles 52512 and 57512 from unit 156512, this model represents the prototype up to early 2015 while the franchise was still operated by First Group.

The complicated Scotrail colour scheme has been exquisitely reproduced. Crisply printed Scotrail branding incorporating the Saltire cross is printed midway along each side of the vehicles, while small

First Group logos are neatly printed on each door. The cab ends are equally well executed in yellow and correctly feature the edge of the Saltire livery branding wrapping round the edge together with crisp unit numbers and a representation of the electronic destination blinds.

A limitation of Dapol's tooling results in the cab door panel at each end representing the older style, although this can be easily remedied. Inside, neat touches include lilac seating and white table tops.

Directional head and tail lights are fitted together with Dapol's close-coupling corridor connectors at the inner ends of the units and working Scharfenberg couplers at the outer ends to enable coupling of additional units with a simple clip-fit. A pair of small yellow snowploughs is also included.

It is clear that much research has gone into reproducing this super new 'N' gauge release and with just 200 sets available, they are sure to prove popular. (MC)

THE DETAILS

Supplier:	www.candmmodels.co.uk
Cat No:	CM003
Description:	Class 156 2-Car DMU 156512, Scotrail
Scale:	'N'
Price:	£114.95 + £4 postage and packing
Era:	9
DCC:	DCC ready, 6-pin socket
Couplings:	Scharfenberg couplers



'N' GAUGE



Farish releases InterCity Mk 1s

Bachmann's Graham Farish range of 'N' gauge BR Mk 1 carriages is bolstered with these Second Open (SO) and Brake Corridor Composite (BCK) vehicles finished in BR InterCity 'Executive' colours.

The pair appear as SO M4946 and BCK 21269. Application of the era defining livery is superb, with good colour density and crisp printing throughout. Neat touches include the BCK with one First Class and one Standard Class compartment correctly featuring no

smoking window labels and window bars on the guard's compartment windows. A fine yellow First Class stripe also features above two of the five compartments on the BCK.

Both vehicles feature BR Commonwealth bogies fitted with metal wheels and Rapido couplings in NEM coupling pockets.

Flush glazing, detailed interiors and a pack containing corridor covers and bufferbeam pipework complete these super new additions to the Graham Farish rolling stock fleet. (MC)

THE DETAILS

Manufacturer: www.bachmann.co.uk

Cat No: 374-015

Description: BR Mk 1 Second Open (SO), InterCity 'Executive'

Cat No: 374-087

Description: BR Mk 1 Brake Corridor Composite (BCK), InterCity 'Executive'

Price: £28.95

Era: 8

Couplings: Rapido couplings in NEM pockets

'N' GAUGE 'OO' GAUGE

Sectorisation Railfreight transfers

With some livery variations – even surprisingly common ones – becoming increasingly hard to find on off-the-shelf locomotives, modellers are having to think of rebranding existing products. Transfer expert Railtec

has come to their aid with a comprehensive selection of graphics for sub-sector liveries, available in 2mm and 4mm scales.

Sheet 1683, for instance, covers Railfreight coal sector Class 60s; 1682 Classes 56 and 58, while 1681 deals with the coal sector Class 31s and 37s. Similar sets encompass Railfreight Petroleum and Metals. Each pack includes data panels, electrification warning flashes and front/cabside numbers as well as the Roundel designed 'squadron' motifs.

These are high quality waterslide transfers printed using the latest technology. Similar sets are available for EWS rebranded locomotives, featuring the now obsolete 'three beasts' bodyside vinyls. (TS)



THE DETAILS

Manufacturer: www.railtec-models.com

Description: Transfer sheets for sector-era locomotives

Price: £3.50 – £4.90 plus postage

Era: 8-9

'OO' GAUGE

Stobart curtainside

This 1:76 scale Mercedes Actros MP4 with curtainside trailer is the latest arrival from Oxford Diecast.

This impressive new lorry features the GigaSpace cab designed for international long distance use accommodating two drivers, while a StreamSpace cab variant for shorter distance use with one driver will also be possible from the new tooling.



THE DETAILS

Manufacturer: www.oxforddiecast.co.uk

Cat No: 76MB001

Description: Mercedes Actros MP4 GSC curtainside, Eddie Stobart

Price: £23.95

Era: 9

Finished as G62 0ZD in Eddie Stobart livery, the tractor unit features a white upper and red lower base colour with green Eddie Stobart artwork across the cabs and bonnet. Company logos and website addresses are also neatly

applied to the cab while the tractor unit is named *Nic Chick*, which it proudly displays above the Mercedes badge on the radiator.

An impressive model of a prevalent prototype. (MC)

Evolution of the 'D16'

The turn of the 20th century was characterised by the use of 4-4-0s on express passenger trains, but few were as long-lived and successful as Holden's 'Claud Hamiltons', a class later to evolve as the LNER 'D16', as **EVAN GREEN-HUGHES** describes.

STEAM LOCOMOTIVE classes which have been heavily modified many times in their lives are usually those which have given consistently unsatisfactory service but an exception to this rule was the 'D16' 4-4-0, which started off as a good design and which was steadily improved throughout its long life until it was truly exceptional.

The 'D16' is a direct descendant of the Great Eastern Railway's (GER's) 'S46' class, the first of which was the famous and appropriately-numbered 1900 *Claud Hamilton*. It saw the light of day in March 1900 and at the time of its construction this locomotive was the largest express engine on its home railway, being fitted with a boiler of 4ft 9in diameter, 7ft diameter





Above: Carrying unlined LNER black 8876 stands at Peterborough North in 1935. Gordon Hepburn/Rail Archive Stephenson.

Below: LNER 'D16/3' 4-4-0 62614, carrying lined apple green livery as one of the two Royal 'Clouds', makes a spectacular sight as it departs Kings Lynn with an up slow on June 30 1951. Gordon Hepburn/Rail Archive Stephenson.



driving wheels and a spacious cab with two side windows. Finished in Royal Blue livery and pleasing to the eye this design quickly impressed both the public and the engineering community and was within months of its first appearance awarded a gold medal at the 1900 Paris exhibition.

Stratford Works built another 40 'S46s' between 1900 and 1903 in four batches of ten and these were collectively known as 'Clouds' after the first of the series. Rather confusingly they were built in batches of ten with each newer batch being numbered below the previous batch. Almost from the start there were upgrades to the specification. From 1880 onwards the cab was widened from 6ft 3in to 7ft 2in and was fitted with a higher arched roof, the pistons were given tail rods resulting in the space between the cylinders and footplate at the front being covered in, from 'S46' 1870 larger tenders were fitted »

LNER 'D16' FACTS AND FIGURES

(typical locomotive)	
Designer:	S D Holden
Built:	1923-1949 (many rebuilt from 1903-1923 locomotives)
Total in class (BR):	102
Withdrawn:	1945-1960
Builder:	GER Stratford
Purpose:	Express passenger
Wheel arrangement:	4-4-0
Weight (locomotive):	54tons 18cwt
Weight (tender):	39tons 5cwt
Bogie wheel diameter:	3ft 9in
Driving wheel diameter:	7ft 6in
Wheelbase:	43ft 8in
Boiler:	5ft 1in
Boiler pressure:	180psi
Cylinders:	Two inside, 19in x 26in
Tractive effort:	17,096lbs

and then at the end of 1903 the design was amended to accommodate a boiler with a square topped Belpaire firebox. 70 more were then built incorporating these revisions between 1903 and 1911 and by 1915 work had also started to rebuild earlier engines with the new design of boiler.

All of these locomotives were designated 'S46' by the Great Eastern Railway but after the grouping the London and North Eastern Railway (LNER) would refer to original specification engines as 'D14s' and those fitted with the Belpaire firebox as 'D15s'.

DETAIL VARIATIONS

In 1922 Alfred Hill, who had succeeded Holden as Chief Mechanical Engineer, introduced a scheme to further upgrade the engines, this time by fitting a larger boiler of 5ft 1in diameter, equipped with superheater and Belpaire firebox. The modifications were first tried out on 1805 which in March 1923 emerged from Stratford Works in plain grey livery to become the first of what were soon called the 'Super Clouds', officially the 'H88' class but later to be more commonly known as the 'D16s'.

This variant saw the cab widened again, this time to 7ft 11in, but with the footplating at the rear also widened. The boiler was pitched at 8ft 8in above rail level, some 2in higher than the contemporaneous 'B12' 4-6-0.

A few months later ten new engines, 1780-1789, emerged from Stratford to the same specification but this time in the new green livery of the LNER. These locomotives were



With British Railways lettering on its tender and new BR style numbers on its smokebox and cabside, 'D16/3' 62559 arrives at Peterborough North with a fast train from Yarmouth via the M&GN on April 25 1949.

Gordon Hepburn/Rail Archive Stephenson.

easy to identify as they had the wider footplating throughout, rather than just at the back end as on the rebuilds. This batch also had exhaust steam injectors.

With the new locomotives commissioned further conversions were put in hand with 1818/1846-1847/1853 following. 1813 was also converted but differed from the others in that it was given an extended smokebox

which radically altered its appearance.

From that time on all conversions were to this specification and by 1931 40 'S46s' had been altered. At the grouping the LNER gave the short smokebox engines the designation 'D16/1' and the long smokebox type 'D16/2'.

IN SERVICE

When built the 'Clouds' were the principal express engines of the GER and hauled trains from London to Ipswich, Norwich and Cromer as well as boat trains to Parkeston Quay. When the 'B12' 4-6-0s arrived some of them moved on to the Great Northern and Great Eastern joint line for use on fast goods trains. 'Clouds' also appeared on the Southend line at an early date. The class became particularly associated with services to Clacton and Walton-on-Naze primarily because larger engines were prohibited on that route until 1930. By the time of the 1923 grouping around one third of the class was shedded at Stratford with the rest fairly evenly distributed around the rest of the Great Eastern system.

Despite the generally satisfactory performance of the class there were issues with steaming during the 1920s which were put down to the LNER's use of crushing plants which were producing smaller lumps of coal. These tended to be shaken down the steep fire grates of the 'D16s' resulting in a decrease in performance and as a result revised blast pipes, different chimneys and flatter fire grates were fitted.

In May 1932 Edward Thompson, later to become CME of the LNER but then Mechanical Engineer at Stratford Works, fitted a boiler with a round top firebox to 'D15/2' 8848 (the former 1848). This was the same diameter as that used on the 'Super Clouds' but was pitched one inch higher and had a different number of tubes. At the same time the external appearance of the locomotive was altered as the decorative splashers over the coupling

The 'D16/3' 4-4-0s were powerful express locomotives, despite their four-wheel driving chassis. 62530 comes round Coldham's curve with an early morning Cambridge-Newmarket working on May 13 1957. David Hepburne-Scott/Rail Archive Stephenson.



rods were discarded in favour of a simpler design of footplating. The cab was made the same width as used on the 'D16/2' but narrower rear splashers were fitted.

Further improvements were applied to the second rebuild, which was to *Claud Hamilton* itself, and this locomotive was also given new cylinders with piston valves to the latest design and different valve gear. Nine more followed to this pattern as did more conversions to the earlier specification as used on 8848.

Both these variants were known as 'D16/3', as were others that followed which had yet another layout of valve gear and cylinders. Unfortunately the piston valve equipped engines proved to develop rather too much power for their own frames and there were several instances of frame fractures amongst these rebuilds.

There was yet another variant of the 'D16/3' in June 1938 when 8851 emerged as the first of the rebuilds to have the new boiler retaining the original arrangement of cylinders, valve gear, splashers covers and footplating. Eventually 104 of the 121 'Clauds' built became one or other of the versions of the 'D16/3' class, with the last conversion taking place in 1949.

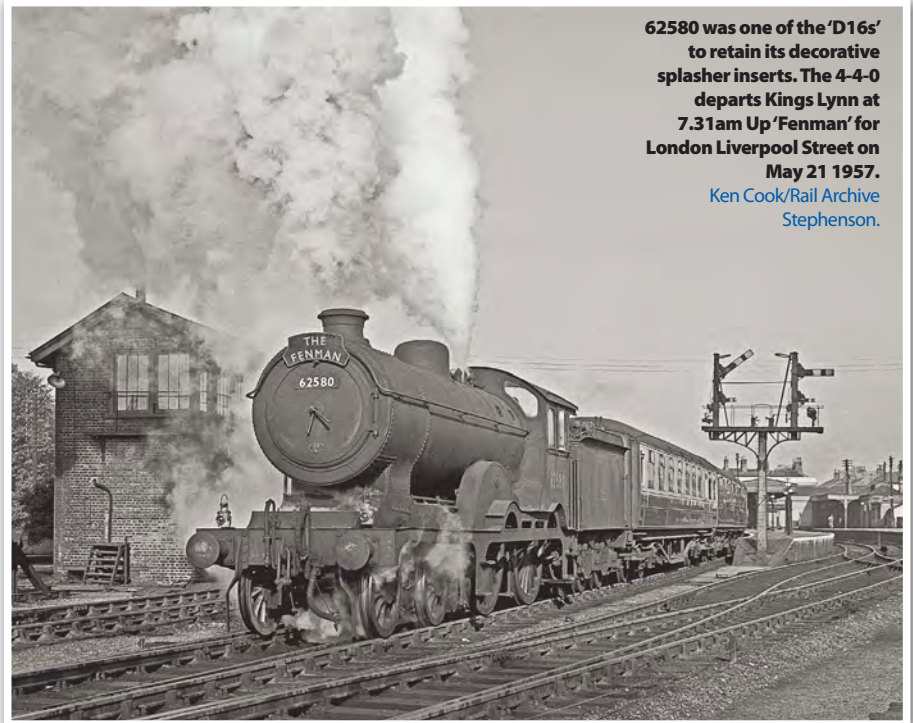
THE EXTINCTIONS BEGIN

Constant rebuilding caused the original 'D14' type to become extinct in 1931 and following heavy work during the war withdrawal of the first of the class took place in September 1945. This was 8868 of Cambridge shed, one of the earlier conversions to 'D16/3', and this was followed by three others including prototype *Claud Hamilton*, meaning that 117 of the class survived long enough to come under the ownership of British Railways.

At nationalisation 22 were allocated to Norwich shed, 16 to Cambridge and 15 to Yarmouth leaving only five remaining at Stratford due to the arrival of more modern engines. However many were still being employed on express passenger work.

During 1949 seven were allocated to the Cheshire Lines, which had recently come under the control of the Midland Region. Crews there disliked London Midland & Scottish Railway (LMS) engines and were pleased to see anything from the LNER, however far from home it was. The engines performed well on expresses to and from Liverpool and remained at Trafford Park for some years thereafter.

Mass withdrawals started in 1955 and by the end of 1959 there were only four left in service. 62524 was at Norwich, 62597/62613 were allocated to Spital Bridge while 62604 hung on at Lowestoft. Three of these went in the first months of 1960 leaving only 62613 which was then transferred to March shed where it was used only sporadically. It was seen on one occasion employed on the Cambridge-King's Lynn express, while a month later



62580 was one of the 'D16s' to retain its decorative splashers inserts. The 4-4-0 departs Kings Lynn at 7.31am Up 'Fenman' for London Liverpool Street on May 21 1957.

Ken Cook/Rail Archive
Stephenson.

LNER 'D16' NUMBERING (INCLUDING 'D14' AND 'D15')

DATE BUILT	GER	LNER 1923	LNER 1946	BR
1900	1900	8900	2500	n/a
1900	1890-1899	8890-8899	2501-2510	62501-62503 62505-62510
1901	1880-1889	8880-8889	2511-2520	62511-62520
1902	1870-1879	8870-8879	2521-2534	62521-62530
1903	1860-1869	8860-8869	2531-2544	62545-62536
	1850-1853	8850-8853		62538-62544
1904	1854-1859	8854-8859	2545-2550	62545-62549
1906	1840-1849	8840-8849	2551-2560	62551-62559
1908	1830-1839	8830-8839	2561-2570	62560-62562 62563-62570
1909	1820-1829	8820-8829	2571-2580	62571-62580
1910	1810-1819	8810-8819	2581-2600	62581-62582 62584-62593 62596-62599
	1800-1809	8800-8809		
1911	1790-1799	8790-8799	2601-2610	62601 62603-62610 62611-62620
1923	1780-1789	8780-8789	2611-2620	

■ All built at GER Stratford works

■ 62611-62620 were all built new as 'D16s', the rest were conversions.

■ 2500/2504/2550/2595 did not reach BR stock

■ 2560/2563/2583/2594/2600/2602 never carried BR number

■ The LNER planned to renumber the class as 7659-7770 in 1942 but only 1894 (7764), 1870 (7740), 1857/8 (7727/8), 1842 (7712), 1837/8 (7707/8), 1822 (7692), 1825 (7695), 1795 (7665) and 1786 (7656) ever carried these numbers.

it was hauling slow passenger trains. It continued to be used during the summer when demand was highest but its final working was from March to Peterborough with a Norwich to Peterborough passenger train on September 15. It was withdrawn the following month and, like the rest of the class, was taken away for breaking up.

While none of the original 'Clauds' survived there is a group which is planning to build a replica of one of these famous engines. The *Claud Hamilton Locomotive*

Group is currently seeking funds to enter the construction stage of what is likely to be a very long and expensive project. A 'D16/2' is planned which if completed will be numbered 8783 and named *Phoenix*. The number has been chosen because the original 8783 was one of two 'Clauds' regularly allocated to Royal Train duties to and from Sandringham.

The 'D16' was a very successful design that not only looked good but worked well. Its constant mechanical evolution ensured that it was never outdated and thus was able to hold its own on prestige services right until its final days. It would be wonderful if we were able to see and hear one working once again if the rebuild project comes to fruition. [flickr](#)

'D16' VARIANTS

'D16/1':	Conversions from 'D15' class with larger boiler but short smokebox
'D16/2':	Built new with 5ft 1in boiler in 1923 or conversions from 'D15' class with larger boiler
'D16/3':	Rebuilt 'D15s' with larger round-topped boiler and modified footplating (There were also sub types with 8in and 9in piston valves)

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31-169	OO Scale LNER 2-4-2 Tank 30705 BR Lined Black Early Emblem	£90.00
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372-139	Class 3 #52206 BR Lined Black Early Emblem	£111.50
372-310	Merchant Navy Class #35024 'East Asiatic Company BR Blue EE	£127.95
372-311	Merchant Navy Class 35023 Holland-Africa Line	£127.95
372-312	Merchant Navy Class #35028 'Clan Line' BR Green Late Crest	£127.95
372-313	Merchant Navy Class 35021 New Zealand Line	£127.95
372-330	BR Standard Class 3MT Tank #30208 BR Black LIC - Weathered	£101.96
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This month's **OXFORD** New Releases



1:72

1:43

Glacier Gladiator
with Skis - FI 19
Fänrik Karlsson, 1940
AC056 1:72



Daimler SP250 - Royal Red
DSP002 1:43



Mini Car - Just Divorced
MIN022 1:43



Land Rover Series 1 88" -
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LAN188006 1:43



1:76



Volvo FH4 Curtainside -
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76DBU002 1:76

Scania 110 Flatbed
Trailer - James McBride
76SC110003 1:76



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Coach - Lough Swilly
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Thornycroft Nukian -
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76TND001 1:76 **NEW tooling!**

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Westland Aircraft Ltd
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Fitting sound in a 'N' gauge 'Spamcan'

PAUL CHETTER explains how to fit sound to the newly released and finely detailed 'N' gauge 'Merchant Navy' from the Bachmann Graham Farish range using readily available decoders and speakers.

There is no external hint that sound has been fitted, but pressing F1 on the controller will confirm that this locomotive is definitely in steam!



THE IMPROVEMENT in quality and detail of British outline 'N' gauge models has exploded recently. By a happy coincidence, the tenders of steam locomotives have become less cluttered internally

– and that gives us some real opportunities for Digital Command Control (DCC) in the smaller scale. Though not yet a simple plug and play solution, installing sound in Farish's original condition 'Merchant Navy' is now a viable option providing suitable components are selected.

The miniature Zimo MX648 decoder is the obvious choice since it fits the available space, whilst still allowing room to install a full size 10mm x 15mm cube speaker. This

WHAT WE USED

PRODUCT	SUPPLIER	PRICE
Bachmann Graham Farish 'Merchant Navy'	www.bachmann.co.uk	£159.95
Zimo MX648 sound decoder	www.digitrains.co.uk	£90.00
Zimo 8mm x 12mm miniature speaker	www.digitrains.co.uk	£7.00

combination results in smooth motor control with a surprisingly loud sound output.

INSTALLATION

The complete installation is contained within the tender so there is no need to separate the locomotive body from its chassis. Make no mistake though – this is a compact installation and good dexterity and soldering skills will

be required to complete it successfully. You may feel the work is not for you, but the step by step guide shows that it can be done.

The tender body is held in place with four 'pips' in the chassis which locate into four tiny holes in the lower tender sides. Remove by gently prising the top away from the chassis. To create as much space as possible, some minor modifications will need to be made to the tender chassis and bunker which may affect your warranty. For the same reason I removed the very thick shrinkwrap insulation from the decoder, disconnected several wires and soldered the model's motor wires direct to the decoder. If you damage the decoder by doing this the warranty will be void. Zimo, however, will repair out of warranty or user-inflicted damage for a fixed fee of £15.

The cutaway picture shows the general layout but not the coal space that reduces the vertical space available. The lower portion of this was removed to provide the necessary clearance using a minidrill fitted with a burr bit. Sufficient of the bunker remains to support the dummy coal load casting. A replacement false floor could be made if you wanted to go ahead and add a 'real' coal load in place of the metal casting.

The tender has a split chassis design, with each side electrically isolated from the other. This is used to pass power from the track pick-ups to the decoder. It is important to note the screws which fix the 6-pin socket printed circuit board (PCB) to the chassis also complete the electrical connections.

This PCB must be removed and the supporting towers reduced in height a little so an alternative way to maintain these connections is required. I made some small eyelets from scrap capacitor leads which could be soldered to the decoder red and black wires and held tight against the chassis halves by the screws.

The inverted cube speaker fits snugly below the rear of the tender top. Unfortunately, there is a raised centre section on the chassis which will partly impinge on the speaker enclosure. One solution would be to reduce the depth of the speaker enclosure entirely. I decided to cut a recess into the enclosure which would then fit around the potential obstruction. Any resulting gaps were sealed with black mastic.

The chassis also has a raised longitudinal moulding along each side to support the tender lower edges. This marginally reduces the width of the space available for the speaker enclosure. To overcome this restriction I tapered the shorter sides of the enclosure with a file, removing just enough material to ensure a flush but firm fit.

With the components correctly wired up and the decoder fully insulated using Kapton tape the tender body was clipped into place on the chassis.

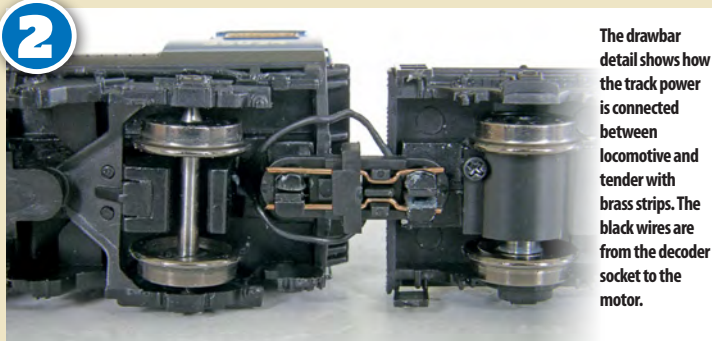
The sound is provided by a custom project I created for Digitrains originally designed for the Hornby 'West Country' – HM71. It incorporates automatic wheelslip sounds if you try to pull away too briskly with a train, realistic levels of inertia and momentum, depending on whether you are in 'light engine' or 'heavy train' mode and a progressive brake force feature which realistically simulates the way in which real locomotive brakes operate. 



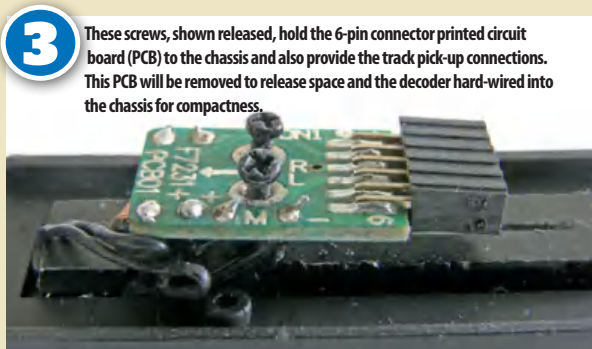
STEP BY STEP INSTALLING DCC SOUND IN AN 'N' GAUGE 'MERCHANT NAVY'



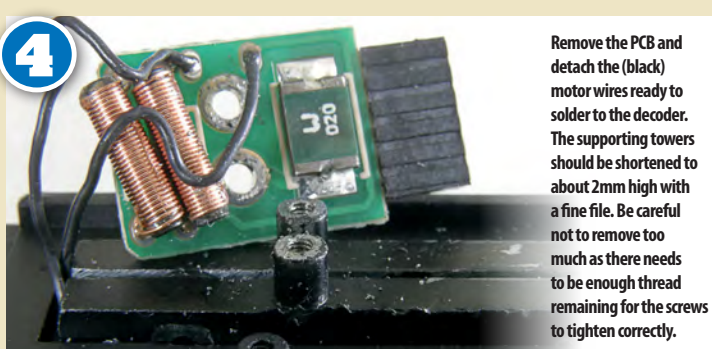
It might not offer the greatest space for a sound installation, but the new 'Merchant Navy' for 'N' gauge isn't as difficult as you might think to work on.



The drawbar detail shows how the track power is connected between locomotive and tender with brass strips. The black wires are from the decoder socket to the motor.



These screws, shown released, hold the 6-pin connector printed circuit board (PCB) to the chassis and also provide the track pick-up connections. This PCB will be removed to release space and the decoder hard-wired into the chassis for compactness.



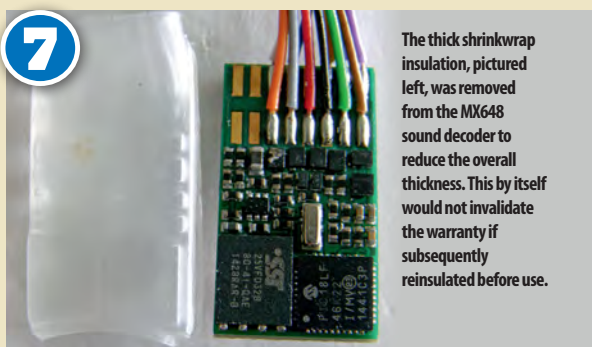
Remove the PCB and detach the (black) motor wires ready to solder to the decoder. The supporting towers should be shortened to about 2mm high with a fine file. Be careful not to remove too much as there needs to be enough thread remaining for the screws to tighten correctly.



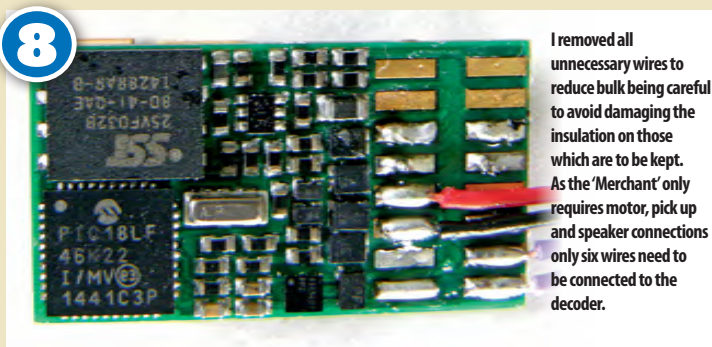
I made some eyelets from scrap capacitor leads to form the new connections for track power. These represent the five stages of production, the final of which was soldered for strength.



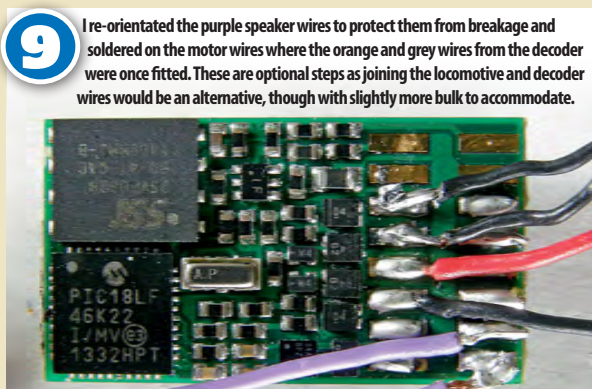
The wire used for the eyelets takes solder readily whilst the screws hold them tightly against the chassis halves. This arrangement provides good electrical continuity for the decoder to access track power. Note the fixing 'pip', the chassis internal side rails and the central raised area.



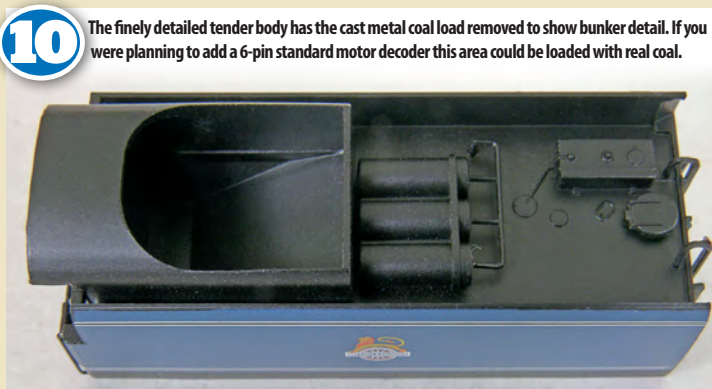
The thick shrinkwrap insulation, pictured left, was removed from the MX648 sound decoder to reduce the overall thickness. This by itself would not invalidate the warranty if subsequently reinsulated before use.



I removed all unnecessary wires to reduce bulk being careful to avoid damaging the insulation on those which are to be kept. As the 'Merchant' only requires motor, pick up and speaker connections only six wires need to be connected to the decoder.



I re-orientated the purple speaker wires to protect them from breakage and soldered on the motor wires where the orange and grey wires from the decoder were once fitted. These are optional steps as joining the locomotive and decoder wires would be an alternative, though with slightly more bulk to accommodate.



The finely detailed tender body has the cast metal coal load removed to show bunker detail. If you were planning to add a 6-pin standard motor decoder this area could be loaded with real coal.

11

This is the bunker moulding seen from below. The base of the bunker takes up a substantial amount of space inside the tender, particularly when it comes to installing sound.



12

Most of the lower portion of the bunker was removed using a burr bit in a minidrill. A lip was left at the front and rear to support the metal coal load. An alternative would be to create a false floor from plastic sheet and cover it with crushed coal.



13

The 10mm x 15mm cube speaker, shown here without its enclosure, fits transversely below the tender top.



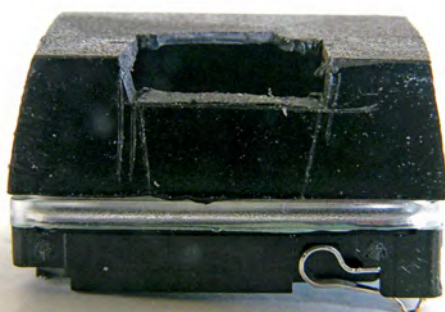
14

Using a fine file I tapered the shorter sides of the speaker enclosure to fit tightly between the chassis internal rails.



15

I made a recess to allow most of the enclosure to fit flush to the chassis floor by cutting out a section as shown here.



16

I carefully split the enclosure from the speaker then fitted the enclosure to the chassis. Any gaps were sealed with black mastic to create an airtight speaker enclosure – essential for best performance.



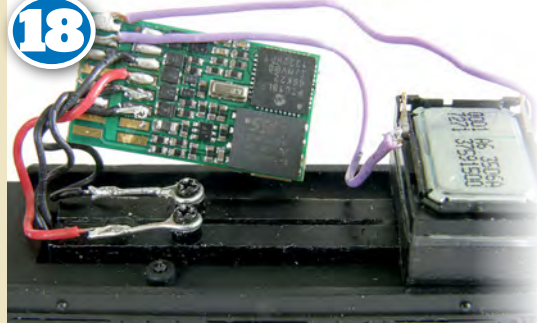
17

I reattached the speaker to its enclosure using cyano (super) glue. The distortion in this extreme close up makes it look as if the speaker is too big to fit, but it does.



18

This is a view of the fully wired components prior to insulation.



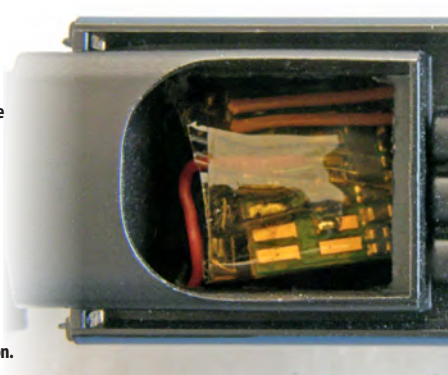
19

The decoder is wrapped in Kapton tape for insulation in this view showing the general disposition of components before reassembly. I also added some insulation to the tops of the screws and the eyelets for safety.



20

The decoder can be seen through the bottom of the bunker. If necessary use this access to manoeuvre it into the best position to allow the tender body to be refitted correctly. Then gently but firmly press the tender top back into position until it positively locates on the fixing 'pips' completing the installation.



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Featuring seven rollers with brass wheels, an additional support for pony trucks and front bogies plus power connecting clips this 415mm long rolling road is a superbly finished product. The brass rods clip into the outer supports making it a simple job to change the number of rollers fitted to the unit.

On test we found our sample to be an excellent means of running in new locomotives. The newly introduced central divider halts any potential for steam locomotives to creep along the rolling road keeping them safely and firmly in place. The brass construction also allows soldering to the outer slide bars if desired, although the power connecting clips which plug into the outer support bar take care of this process conveniently.

ALUMINIUM ROLLING ROAD FOR 'O'



O' gauge modellers can now take advantage of the Zeller slide bar rolling road system with the introduction of this unit which hosts eight rollers, two outer supports and a divider bar too.

This 'O' gauge version is 590mm long, but it is currently only available in aluminium. The central divider stops any potential for a model to creep along the slide bar while on the rolling road while the easy positioning of the eight rollers makes it a simple process to set up for use, no matter what configuration your locomotives have.

It is best suited to diesel models in this format, but could be used with equal success for smaller steam tender engines and tank engines where all wheels can be supported by the eight rollers.

SHEDDING LIGHT ON RUNNING IN



We all take great pride in our model locomotives and the detail which has been built into them. This new and innovating product from the Zeller Rolling Road range features an illuminated frame which casts light from LEDs on to the running gear of a locomotive.

The concept is based around Zeller's highly successful slide bar rolling road system and it comes with six rollers and a bogie support with the rollers moulded in clear plastic. Matching brass wheels are used in each roller while the LEDs are suitably hidden inside the aluminium channel frame.

In service the illuminated rolling road offered the same smooth running characteristics as the standard slide bar products with the added value of being able to see more clearly what is happening with the moving parts of a locomotive. An excellent addition to the range.

ZELLER ROLLING ROADS

PRODUCT RANGE



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'N' SLIDE BAR ROLLING ROAD WITH EIGHT ROLLERS and divider bar (415mm long) - aluminium £72, brass £82



'OO' ALUMINIUM SLIDE BAR BIG BOY ROLLING ROAD WITH 19 ROLLERS and two dividers (590mm long) - £140



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PHOTOGRAPHY, MIKE BISSET.



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RAILWAY EXHIBITION
FEBRUARY 6/7 2016

STATISTICS

Owner:	John Cook
Scale:	'OO'
Length:	18ft
Width:	2ft
Track:	SMP code 75 with Peco points
Control:	Analogue
Period:	North East industrial, 1960s



The flagman with his red flags are the only safety feature in force for the passing of a Hawthorn Leslie 0-4-OST. This type of crossing could be found in villages all over the Durham coalfield.

WHEN A MODEL railway club embarks on a new project, the choice of subject, location and era is most often arrived at

by consensus, with consideration given to the wishes of the majority of the members.

With privately owned and built layouts, there are no such constraints. There are, of course, many factors which dictate an individual's choice, but perhaps the most popular is the urge to create a feeling of nostalgia. That is certainly the case with John Cook's highly evocative Kepier Colliery, a layout which brings his powerful memories back to life.

As a child growing up in the industrial North East, the tracks of the colliery railway network were his playground. In those days when there was little regard to health and safety, the railway lines would run through the middle of the County Durham coalfield villages and, not being fenced off, they became pedestrian thoroughfares for the local populations.

John and his pals would play across the tracks, stepping back for the regular passing of trains. They would marvel at the diminutive little engines straining at every seam as they struggled with their heavy loads shattering the peace with the deafening bark of their exhaust. And, of course, the drivers were not averse to allowing the kids in to the cab. Powerful memories indeed, and ones which inspired John to build this superb exhibition layout.

AMALGAMATION

Kepier Colliery itself was at Gilesgate, Durham, but it closed in the 1890s and little remains in the way of plans and documentation. Most of the mines in the area were, however, of a similar pattern and so the Kepier Colliery layout is loosely based on the Hetton-le-Hole part of the Hetton Colliery Railway, which was designed by George Stephenson and opened in 1822, »

1 A digger prepares for roadworks as a Kerr Stewart 'Victory' 0-6-OT shunts empty coal wagons along the embankment. This model was built from a CSP brass kit and has had a Lambton cab fitted. It is one of the locomotives which John rode on in the 1960s on the Hetton Railway.



is a perfect example of how convincing their careful choice can be in portraying the subtleties of colour and texture.

The buildings around the store yard at the left-hand end of the layout are based on those which could be found at Lambton, Hetton and Joicey collieries. The winding shafts are fine examples of John's cardboard structures, covered with brick paper and weathered. A particularly exceptional piece of modelling is the downcast headgear, constructed in Plastruct from original drawings from Walker Colliery. The original headgear was manufactured by the now defunct Grange Iron Work, Durham, and is typical of those the company sent worldwide. The steam winding engine house is another card and brick paper structure with windows from brass frets.

The loading screens, which are based on

running from Hetton to Sunderland. Kepier Colliery includes features from a selection of the Durham coalfield sites.

The layout is 18ft x 2ft, with a 16ft scenic length. The baseboards are of 9mm plywood on 9mm plywood frames built in a honeycomb structure, resulting in robust but relatively light boards. The baseboards have integral legs, and the front skirts fold up to make boxes for easy and safe transportation.

The trackwork is SMP with Code 75 pointwork from Peco. The turnouts are operated by solenoid motors from Seep and Peco via push button switches. The ballasting materials include anthracite, ground down coal and granite chips, used in varying proportions appropriate to the different areas of the layout.

The layout is simple analogue control and uses Gaugemaster Model W controllers. The layout can be operated using two for the main viewing area, but we find that general operation only requires one. We also use a hidden locomotive and controller to push wagons through the screens to ensure even movement and no runaways. I made the 16v AC and 12v DC supplies for the controllers, point motors and general lighting using a variety of transformers.

The control panel board uses push button switches and a Capacitor Discharge Unit (CDU) to operate the point motors giving them extra power at the moment of changing over. The motors are a mix of Peco and Seep which include switches to control the live frogs.

VARIED STRUCTURES

By the very nature of the layout subject, Kepier Colliery features an extensive collection of buildings and structures, most of which have had to be scratchbuilt. Most of John's buildings have been built using cardboard as the core material, carefully braced internally to prevent warping and then completed with an outer finish of brick paper which is then treated with weathering powders to create that authentic look. With so many embossed plastic materials available today, brick papers are less popular than they used to be. Kepier Colliery, however,



Above: Outside the lamp house there is little help on offer for the chap struggling to move pit props. The wagons, known as tubs, are scratchbuilt.



a standard National Coal Board pattern, are built using the same materials with much use of plastic section for the lower structure. The railway runs through the screen into a headshunt which is hidden behind a backscene at the left hand end of the layout. A modified Metcalfe kit with the roof re-covered in asbestos cladding embossed plastic sheet provides the basis for the engine shed, which is a good representation of that at Hetton Lyons colliery. That shed provided the servicing facilities for all the locomotives running on the southern section of the Hetton Railway.

The Kepier village scene, which hides the traverser storage yard at the right hand end of the model, is a fine example of mixing scratchbuilt and proprietary buildings to create a totally convincing setting. Suitably modified and weathered »

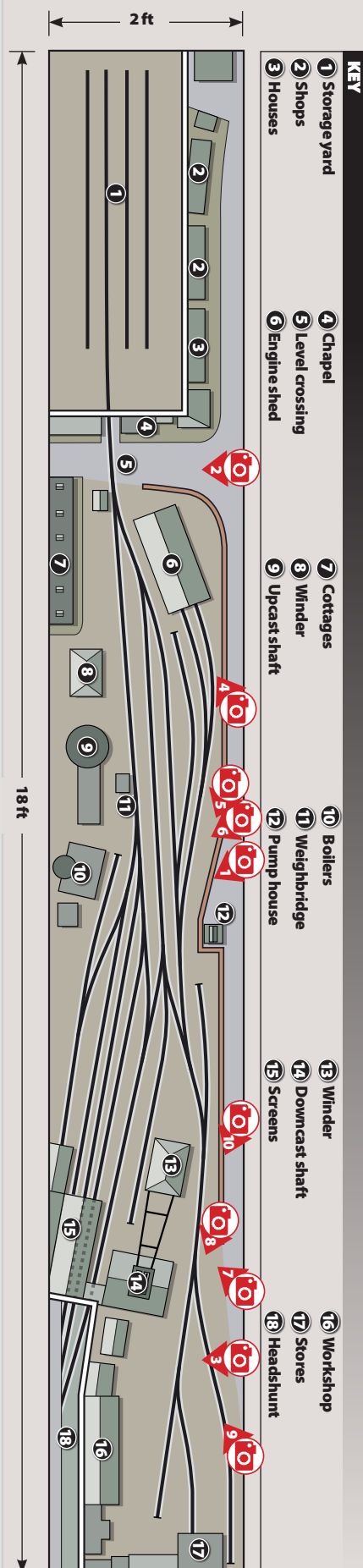


Above: The engine shed is based on the building at Hetton-le-Hole colliery and is a Metcalfe structure with a new roof. On shed are a modified Hornby 'Austerity' 0-6-0ST and a Hawthorn Leslie 0-4-0ST from a High Level kit.

Below: Hauling a loaded train away from the screens is a Robert Stephenson 0-6-0ST, built from a High Level kit.



KEPIER COLLIERY TRACK DIAGRAM (NOT TO SCALE)



The most unusual resident at Kepier is Neilson 0-4-OST No. 5. The chaldron wagons on the ramp have coal for the boilers, but the ones being hauled by No. 5 are loaded with colliery waste.



Metcalf and Superquick kits, a Hornby pub and some old Triang shops blend harmoniously with John's own scratchbuilt chapel, cottages, and working men's club. The cottages are based on the Hetton Colliery housing, examples of which, in reality, have been dismantled and rebuilt at the Beamish Museum.

It is often the finishing touches that captivate the viewer's attention and on Kepier Colliery there is no shortage of fine detail, from trees to pigeon baskets. There is also a considerable number of hand painted figures, all carefully placed to provide a sense of purpose. John's son David has been responsible for the road vehicles which are a mix of kit and modified off-the-shelf items.

AN INDUSTRIAL FLEET

Building up an appropriate fleet of locomotives for a colliery layout is a challenge in itself and even though industrial locomotives are gaining popularity with ready-to-run manufacturers the vast majority on Kepier are built from kits. These have been produced by Brian Walker and John specifically for the layout.

The fleet includes examples of 0-4-0, 0-6-0 and 0-6-2 wheel arrangements with a variety of side and saddle tank designs. Popular in the fleet is the ex-Taff Vale Railway 0-6-2T with its distinctive Lambton cab while a DJH Andrew Barclay 0-4-OST, Judith Edge Hunslet 0-6-OST, High Level RSH 0-6-OST and a Hawthorne Leslie 0-4-OST are also regular performers. The most unusual locomotive is the Neilson 0-4-OST which is an ex-Great Eastern Railway engine built from an old Nu-cast kit.

A handful of modified ready-to-run Hunslet 'Austerity' 0-6-OSTs from Dapol and Hornby are also part of the fleet – and rightly so as no industrial layout would really be complete without at least one of these distinctive locomotives. With such a large fleet of kit built locomotives John has chosen to stay with analogue control for Kepier Colliery rather than opting for a digital system.

Picking a favourite is always a challenge, but one locomotive in particular holds special memories. "I like all of the locomotives on the layout but if I have to choose, Kerr Stuart 'Victory' 0-6-0T No 41", John said. "I built this from a CSP brass kit to which I attached a Lambton cab. This is a model of one of the locomotives on which I was given rides on the Hetton Railway. This started my interest in colliery railways, hence my layout's theme." »



An Andrew Barclay

0-4-OST is busy shunting around the store yard and workshop area. The locomotive is built from a DJH kit.





Hunslet 0-6-0ST No. 8 passes the shaft buildings with a single van headed for the stores.



The rolling stock for Kepier revolves around coal wagons. A wide variety of vehicles have been built and acquired for the layout including those easily recognisable by main line BR modellers such as the 20ton hopper while a large number of internal system wagons form the bulk of the fleet. Included are small chaldron wagons together with a wide variety of kit built coal wagons and suitable internal system vans.

OPERATION

The main activity on Kepier Colliery is the transport of mined coal from the screens in colliery owned and BR wagons. The colliery wagons would be primarily delivering coal to staithes for export shipment abroad and for the London market. They would also be supplying local household distribution and to other customers. The BR wagons would be taking coal for delivery to ironworks, power stations and industry.

The empty wagons are returned and fulls taken away. A shunting engine pushes the empties up to a head shunt behind the screens ready to run down by gravity, be filled and made ready for removal by the fleet. Colliery waste traffic is also represented and is taken away in the old black chaldron wagons by Neilson 0-4-0ST No 5 to be disposed of on the pit heap.

Generally colliery locomotives are returned to the shed after bringing empties back and finishing shunting duties.

BR motive power is also represented in the form of a Worsdell 'J27' 0-6-0, an Ivatt '4MT' 2-6-0 or a BR Sulzer Type 2. These are used to take full trains away back onto the BR system directly after returning empties. The guards van is also coupled/uncoupled as required.

Motive power for the colliery wagons generally consists of 0-6-2T and 0-6-0T. The smaller 0-4-0s are used for general shunting duties. These shunting duties include movement of box vans, oil tanks, incoming supplies and equipment. Hunslet 0-6-0ST No 8 is generally in charge of the platelayers train.



THE FUTURE

The layout, which started its exhibition life in 2007, has appeared at the Warley National Model Railway Exhibition and Model Rail Scotland shows, and has also been well received at many shows in the north of England including Wigan, Wakefield, Blackpool and Kendal.

It has a bright future too with exhibition bookings for 2016 and beyond which will see John travelling to RailEx North East and Stafford Model Railway Exhibition in the near future. 

 Above: The impressive downcast shaft headgear and winding wheel of Kepier Colliery are a superb example of the use of Plastruct.

 Left: It might be a change of shift for the miners, but not for the crew of No. 8 - a Hunslet 0-6-0ST built from a Judith Edge Kit.

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MAIN LINE STEAM

SINCE 1968

It is easy to assume that steam locomotives became extinct on the main line in summer 1968, but some locomotives continued to run after then and there are still scheduled steam services operating today, as **EVAN GREEN-HUGHES** discovers.



Right: Peppercorn 'A1' 4-6-2 60163 *Tornado* made history by becoming the first new build main line steam locomotive since Swindon Works completed BR '9F' 92220 *Evening Star* in 1960. The A1 Steam Trust's *Tornado* departs Bristol Temple Meads at the head of the first 'Torbay Express' of the 2009 season on July 5 2009. John Chalcraft/
Railphotoprints.co.uk.

Below: The National Collection's GWR 'King' 4-6-0 was the first steam locomotive to return to the main line in the 1970s following its restoration at Bulmer's Railway Centre. On September 26 1987 6000 *King George V* restarts the 'Royal Sunset' from Craven Arms. This locomotive is now a static exhibit. John Chalcraft/
Railphotoprints.co.uk.



ON AUGUST 11 1968 after the famous 'Fifteen Guinea Special' had run to celebrate the end of steam, British Railways introduced an outright steam ban on its main line network. For some enthusiasts that was the end and many turned their backs on the modernised railway. Others, however, were not prepared to take the decision lying down and immediately started to draw up plans to bring their favourite locomotives back to the main line.

Strictly speaking British Railways did continue to operate steam locomotives as it was the owner of the narrow-gauge Vale of Rheidol Railway which runs from Aberystwyth to Devil's Bridge at the time and for which it retained the three 2-6-2Ts, but on the main line the very idea that there should ever be any more steam traction met with fierce resistance in the corridors of power.

Five years earlier, however, the famous London and North Eastern Railway (LNER) 'A3' 4-6-2 4472 *Flying Scotsman* had passed into the hands of businessman Alan Pegler and he had spent a small fortune in having it put through Doncaster Works and restored to its LNER appearance. *Flying Scotsman* was still running on the national network in August 1968 and was employed on railtour and special work for which a special contract had been signed, a deal which did not expire until 1972. Consequently *Flying Scotsman* was able to run following its 1968-1969 overhaul, and would have continued to do so had it not been decided that it was to undertake a tour of America in conjunction with the Board of Trade.

BREAKING THE BAN

There was no steam for a couple of years thereafter as the authorities steadfastly refused to entertain the idea of another

engine taking over where *Scotsman* had left off but in 1971 GWR 'King' 4-6-0 6000 *King George V*, which had been restored at Bulmer's Railway Centre in Hereford, gained permission to escape captivity.

Bulmer's Chief Executive Peter Prior wanted to run a promotional train of the 'King' and five Pullman coaches round the country and was sufficiently well connected to get his own way. Following a few test runs his train made a four-day trip around the Western Region in October 1971 without any problems and the success of this operation was subsequently enough to persuade British Railways that steam could be accommodated without serious risk to its everyday services.

A new set of rules was then brought in under which all future steam operations had to be run. These moved the emphasis for operation away from BR itself and towards the locomotive owner, imposed a top speed of 60mph and also limited trains to more lightly used routes.

Over the following years more locomotives began to be added to the stud of those available for charter and special work, with one of the most enthusiastic contributors being the National Railway Museum (NRM). A number of its locomotives have been used on the main line over the years and have included such unlikely candidates as the 1873 built London and North Western Railway 2-4-0 *Hardwicke* which steamed for a time in the mid 1970s. The NRM was ideally placed to be able to participate in the main line programme as its York base offered many of the facilities required, having formerly been a motive power depot and having many former senior railway engineers on its staff in the early days.

OPERATING CHALLENGES

The use of steam on the main line was not without its problems. From the outset ►►



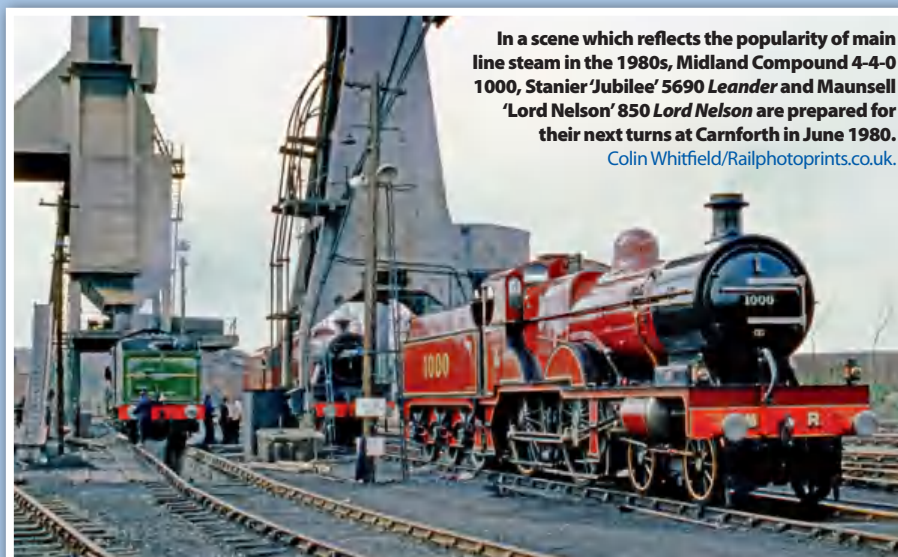
RAILWAY REALISM

the biggest one was the lack of suitable watering facilities as those formerly provided by British Railways were soon decommissioned. *Flying Scotsman* had been provided with a second tender that vastly increased its range but this solution was not adopted by anyone else. Instead the local fire brigade was often called in to provide water at strategic locations with assistance being given at little or no cost but this activity was subsequently redesignated as a special service allowing the fire service to charge a realistic fee and also freeing them from the requirement to assist at all. As a result of this a small group of contractors has grown which undertake to supply water to steam specials using a fleet of road tankers.

Coal was not such a big problem as most locomotives could carry enough to supply them for a whole day's work. Wherever possible engines were worked back to a base each evening and coal was delivered there, sometimes over great distances due to poor availability of local locomotive quality coal.

PUTTING THE BRAKES ON

A bigger issue which has become more prevalent over the years is the incompatibility of steam locomotives with modern coaches. Since the early 1970s coaches have been built with only air brakes, while almost all steam engines were built only with vacuum operated brakes. There is a further problem in that with heating and air conditioning powered electrically on more modern vehicles steam engines cannot provide power.



In a scene which reflects the popularity of main line steam in the 1980s, Midland Compound 4-4-0 1000, Stanier 'Jubilee' 5690 *Leander* and Maunsell 'Lord Nelson' 850 *Lord Nelson* are prepared for their next turns at Carnforth in June 1980.

Colin Whitfield/Railphotoprints.co.uk

Rakes of suitable vacuum braked coaches were kept especially for steam work until comparatively recently, and these were nearly all BR Mk 1s. Indeed, British Rail's own charter division for many years had rakes of dual braked coaches, but these were subsequently disbanded and sold.

With fewer vacuum braked vehicles available and with even fewer drivers trained in their use many steam locomotive owners have taken to fitting their locomotives with train air brakes, a move that has also meant the fitting of compressors and reservoirs. In some cases evidence of this can clearly be seen, particularly on

tenders, some of which have been altered to accommodate the additional equipment.

Other changes to the national system have also involved steam locomotive owners in considerable expense. The introduction of Train Protection Warning System (TPWS) in the early 2000s and later On Train Monitoring Recorder (OTMR) have proved challenging, while Radio Electronic Token Block (RETb) is also required for some routes. The forthcoming European Train Control System (ETCS) signalling is posing challenges of installation which could drastically limit steam's operational sphere in the future. Some locomotives



have also required drastic surgery due to modern changes in the loading gauge. Two of the three preserved 'Kings' have required their cab roofs, chimneys and safety valve bonnets lowering.

CHANGING PATTERNS

Changes such as these meant a gradual switch in the way main line steam is provided. In the early years locomotives were kept in penny numbers in small depots largely by preservation societies but a pattern has evolved where most steam power is provided by a handful of operators, even if the locomotives are owned by individuals.

One of the largest is West Coast Railways which grew out of the former Steamtown Railway Museum in Carnforth and is now a spot hire operator with its own coaches, steam and diesel locomotives as well as extensive engineering facilities. The company provides complete steam trains for short term or long term requirements. Engineering companies such as Ian Riley at Bury also operate small fleets of steam locomotives which they hire out while the larger societies such as the A1 Steam Locomotive Trust and the Princess Royal Locomotive Trust have established quite sophisticated facilities to ensure the future wellbeing of their engines.

Scheduled steam returned to the main line in 1984 when British Rail introduced a service for tourists between Fort William and Mallaig which has continued every year since, although operated by West

A stunning performer on the main line was National Collection 'Princess Coronation' 4-6-2 46229 *Duchess of Hamilton*. On April 13 1991 the BR maroon liveried 'Pacific' storms out of Moorcock Tunnel with a northbound 'Cumbrian Mountain Express' for Carlisle. Brian Robbins/Railphotoprints.co.uk.



Coast Railways since privatisation in 1995. Steam services also returned to the branch line from Grosmont to Whitby in 2007 when the North Yorkshire Moors Railway gained permission to extend its services. There are also regular steam services such as the 'Torbay Express' which runs in the summer months on a Sunday between Bristol and Torbay. Recently the Scottish government has been behind a major initiative to provide a scheduled and regular steam tourist service on the newly-reopened Borders Railway.

There are a surprisingly large number of regular services that run, particularly in the summer months. These include such duties as the 'Scarborough Spa Express' and regular steam workings over the Settle-Carlisle line. Steam is also employed on the British portion of the 'Orient Express' operation with a regular performer being Bulleid rebuilt 'Merchant Navy' 35028 *Clan Line* and there have been regular services on lines such as the Cambrian

Coast in the past. And of course there are one-off charters which take all sorts of locomotives to parts of the country they might never have been to before 1968.

Main line steam operation today is not without its problems and there have been a number of high profile failures of locomotives in traffic, which have caused considerable issues on the network. Now, as in the early 1970s, there are calls for steam to be restricted to secondary routes and as a result talks are taking place to try and make steam more reliable by initiatives such as limiting loads or by providing banking engines at the rear.

However, the popularity of main line steam means that the fears which some had in 1968 of never seeing an engine in full flight again will never come to pass. Indeed with several new build main line engines in the pipeline – including a Gresley 'P2' 2-8-2 – as well as the potential return of some old favourites the future looks far more positive than in those dark days of August 1968. [Alan](#)



The Fort William-Mallaig 'Jacobite' trains operate through spectacular scenery. In October 2010 Stanier 'Black Five' 4-6-0 44871 – masquerading as 45487 – passes Loch Eilt. Gordon Edgar Collection/ Railphotoprints.co.uk.

The National Railway Museum's famous Gresley 'A4' 4468 *Mallard* operated on the main line in the late 1980s to celebrate 50 years since its record breaking run on July 3 1938 when it achieved the world speed record for steam. On May 10 1988 *Mallard* is prepared for departure with the 'Pennine Postal' at Manchester Victoria. Colin Whitfield/Railphotoprints.co.uk.

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'Shakespeare Express'	www.vintagetrains.co.uk
'The Jacobite'	www.westcoastrailways.co.uk
'Torbay Express'	www.torbayexpress.co.uk

STAFF PROJECTS

Giving Dapol's

Digital sound should be a perfect fit for 'O' gauge. **PAUL CHETTER** finds fitting it in a Dapol 'Terrier' to be a pleasantly straightforward experience.

DAPOL'S A1X 'O'-6-OT is a lovely little model that's full of character and perfect for anyone thinking of taking the step up to 'O' gauge without spending a fortune. After receiving a review sample attention turned to seeing how easy it would be to fit digital sound into the O-6-OT.

Releasing four screws is all that's needed to separate the body from the chassis and gain access to some very usable spaces within the body. There is on-board provision for a 21-pin decoder. As this is a plug and play

device without external wires, conversion to DCC should be straightforward. Remove the blanking plate from the connector on the locomotive printed circuit board (PCB) and replace with a 21-pin decoder of your choice.

There is a minor complication due to the suppression circuit added to comply with EU regulations. This is provided on a 'mini PCB' located (electrically) between the decoder and motor. Such components can, in some cases, have a detrimental effect on DCC decoders, usually resulting in poorly controlled or 'jittery'

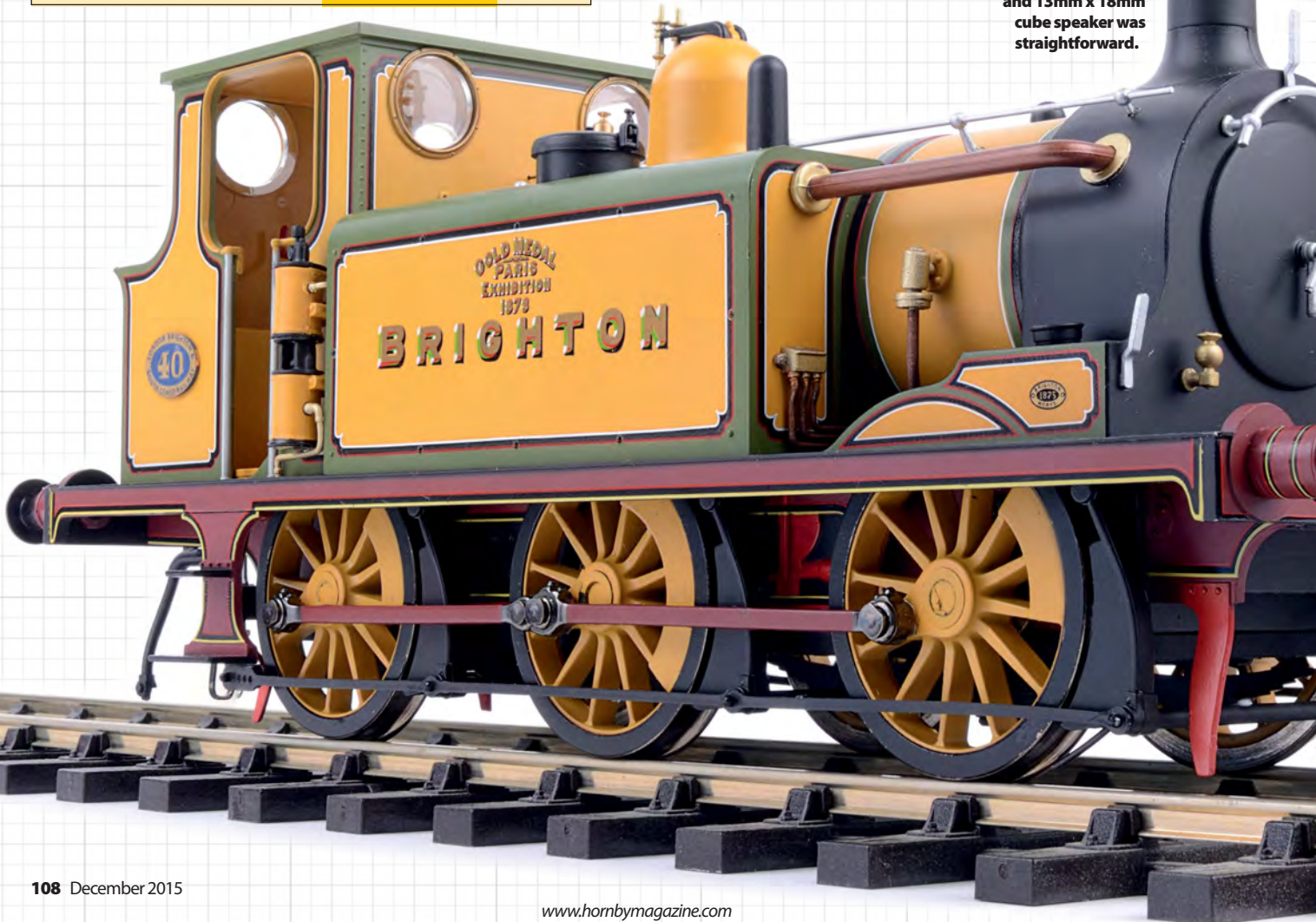
slow speed running. I found this to be the case here. DCC decoders have superior suppression circuits built-in so the simple solution to the problem is to remove the mini PCB and connect the decoder output direct to the motor.

Adding sound only requires the substitution of a sound decoder plus the addition of a speaker. Connecting speaker wires to the two solder pads provided on the locomotive PCB and fitting the speaker completes this straightforward installation.

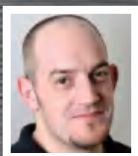
Dapol's new 'O' gauge 'Terrier' is designed with DCC and sound in mind. Fitting a Zimo MX644D decoder and 13mm x 18mm cube speaker was straightforward.

WHAT WE USED

PRODUCT	SUPPLIER	PRICE
Dapol 'O' gauge 'A1X'	www.dapol.co.uk	£199
Zimo MX644D sound decoder	www.digitrains.co.uk	£82.00
Zimo 13mm x 18mm cube speaker	www.digitrains.co.uk	£8.50



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



MIKE WILD
Shortley Bridge and West Riding Power performed superbly at the Great Electric Train Show. Now to prepare Topley Dale for its outing to Warley on November 28/29.



MARK CHIVERS
Renumbering and weathering of 2-EPBs have lead the way for a burst of activity on Southern stock during the longer autumn evenings.

'Terrier' a bark

STEP BY STEP

INSTALLING DCC SOUND IN A DAPOL 'O' GAUGE 'TERRIER'

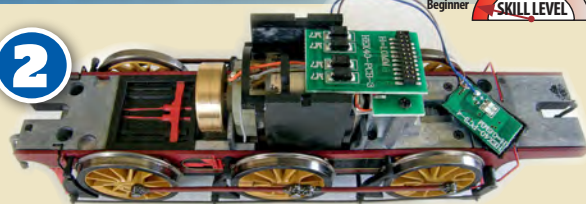


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The four outermost screws, arrowed, should be removed to release the body. As the body is lifted clear, the firebox flicker PCB will be detached from its location across the open firebox doors. Note its position for reassembly.

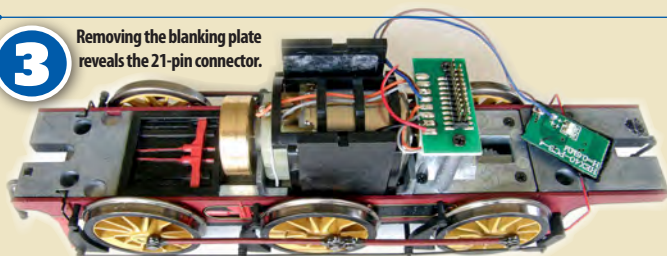
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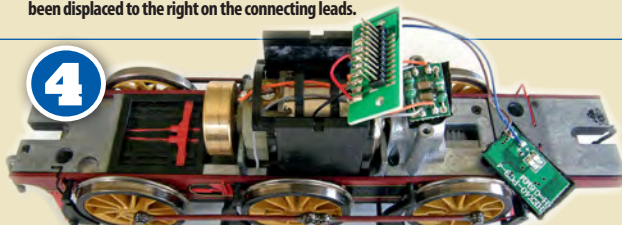
With the body removed the chassis and locomotive PCB are visible. The blanking plate, for use with analogue systems, is plugged onto the 21-pin DCC socket, and the firebox flicker PCB has been displaced to the right on the connecting leads.

3

Removing the blanking plate reveals the 21-pin connector.



4



The suppression PCB is fitted below the locomotive PCB. This may cause problems with slow running smoothness with a decoder fitted, it did with my example, so I removed it to cure the problem.

5



Cube speakers have proved to work very well in enclosed bodies. I decided to try a new larger version recently introduced by Zimo.



6

The new 13mm x 18mm x 13mm speaker is shown here with the previously largest version.

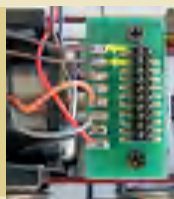
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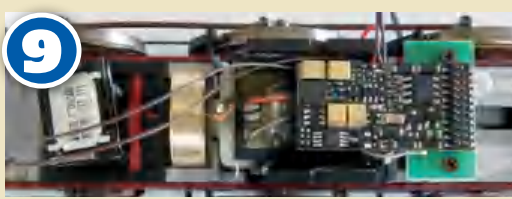
There is plenty of free space available to house this speaker inside the forward portion of the boiler and smokebox.

8

To maintain the 'no wires' format of the decoder, Dapol has provided a pair of speaker wire solder pads, arrowed, to which I attached the speaker wires. Also shown are the orange and grey wires from the motor direct to the PCB together with the black and red wires from the pick ups.



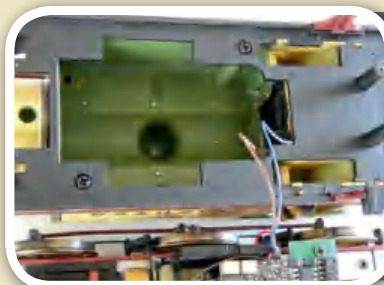
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The general disposition of the components shows the speaker wires connected and the MX644D sound decoder fitted to the 21-pin connector.

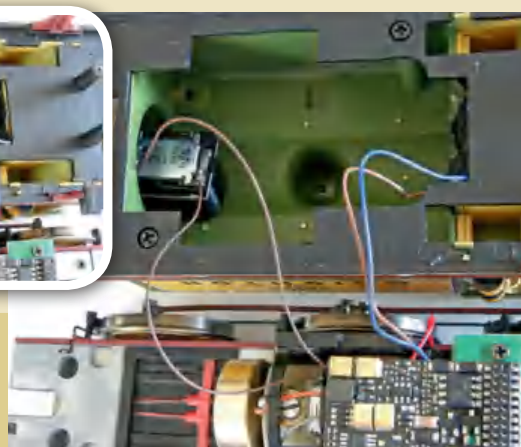
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I secured the firebox flicker PCB in place using a small strip of mastic. This gives a firm but pliable grip which can be easily peeled away if the PCB should need to be removed in the future.



11

The final act before reassembling the body to the chassis was to fit the speaker deep into the boiler, secured with a spot of mastic. Then, having ensured the wires are clear of the flywheel, simply reverse the disassembly steps and you're good to go.



WARWICK-ON-SPA



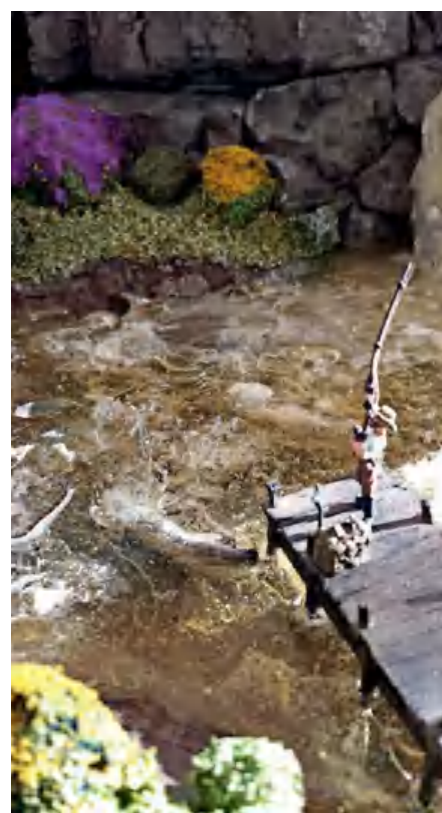
WARWICK-ON-SPA is not modelled on a specific location, but I try to keep with a Midlands theme, with lots of interesting things going on around. It is named after my two home towns, Warwick and Leamington Spa.

The layout is 6ft x 4ft and designed to be versatile allowing me to run 1940/1950s, 1980/1990s and present day rolling stock. It currently consists of two stations, one main line and the other set in the country, a tunnel, a manor, a farm and a full village. The track layout features five sidings and a double track main line around the baseboard. It uses Digital

Command Control with a Hornby Elite controller and features full lighting in all the buildings.

I am currently nearing completion of an extension to the layout, with a rock face, valley and gorge with a river. A new line will run across a viaduct to the main layout. Other plans include a new signalbox, coal bunkers and a water tower. Eventually it will be linked to a storage yard/city station for ease of changing trains. This is all constructed using various modelling techniques, with train liveries painted to something how they looked in their time, passengers and engine crew and lighting installed in each carriage.

Kevin Spurrier, by e-mail.



Scale houses

A neighbour of mine who used to make dolls houses was looking for a new challenge. As my friend was coming up to his 60th birthday my artistic wife came up with the idea of constructing a 'OO' scale model of our friend's house to adorn his layout. As you can see from the attached photograph his first attempt at modelling has turned out to be very good. The house is an exact replica and is fully illuminated inside and out. Our friend was delighted with the model and was amazed at the concept. It now takes pride of place on his layout.

Doug McIntire, Newcastle upon Tyne.



Pen-y-banc



Welcome to Pen-y-banc, which I have built in a cupboard. It measures 10ft x 4ft including a new extension which has been added. *Hornby Magazine* has inspired me to build the layout as I'm only 14. It is fully digital with sound and lights on all three trains while there are also working street lights and lights in some of the houses.

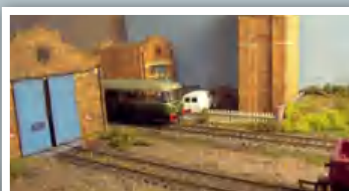
The layout takes its name from a small town in Wales called Pen-y-banc which I saw once while going through it. All of the buildings are built from Metcalfe card kits. After going to a model railway show in Mansfield where an exhibitor had a quiz to try and find hidden things I have started adding smaller details for visitors to find including a

modern day car in with the vintage vehicles.

I also took an idea from one of the railways in *Hornby Magazine* to have a small camera at one end of the track that goes to my TV so if there are a lot of people round I can turn the camera on and let them see without having to put their head in the cupboard where it's housed.

Jake King, by e-mail.

Blackwood



My return to model railways coincided with the Operation Build It! series in your magazine (HM76-HM83) and although I didn't follow the trackplan I read with interest. I also kept all the kits and so earlier this year I built a small layout to fit on a shelf in a spare room as my first project. I've used several of the buildings and the others are held for future use.

My low relief station building is two copies of the platform frontage of the building in HM78, with the right-hand one cut in half and the parts reversed to give a different pattern of doors and windows. I had a problem trying to make the roof look low relief so this will have to be addressed shortly.

I also used the lineside hut, the platform shelter, the platforms and the signalbox, although I removed some of the glazing bars from the windows. I was going to use the overbridge to disguise the exit to the storage yard, but then in HM87-HM89 you had the three factory buildings. So I decided to group these either side of the running line at the exit, and from my operating position the trains appear and disappear quite naturally.

Tony Scott, by e-mail.

GET INVOLVED...

● If you have a project layout that you would like to show in Reader Projects e-mail hornbymagazine@keypublishing.com (or write to us at the usual address) with up to five images and a short description of your model. Images should be in jpg format when sent by e-mail. It can be anything from a part finished project to a complete layout or even a single item that you have built.

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. For more show dates visit www.hornbymagazine.com

NOVEMBER

14 BARRY AND PENARTH MODEL RAILWAY CLUB EXHIBITION

Hosts: Barry and Penarth Model Railway Club
Location: Cadoxton Conservative Club, Vere Street, Barry CF63 2HU
Times: 11am-4.30pm
Prices: Adults £3, children £2
Website: www.bpmrc.org.uk
Features: Layouts, trade support and refreshments.

14 SOLIHULL MODEL RAILWAY EXHIBITION

Hosts: Solihull Model Railway Circle
Location: St Mary's Church Hall, Hobs Meadow, Solihull, West Midlands B92 8PN
Times: Sat 10am-4.30pm
Prices: Adults £2.50, concessions £2, children £1, family £6
Website: www.solihullmrc.org
Contacts: 07817 093264
Features: 11 layouts, trade support, societies, refreshments and parking.

14 WESTON ON TRENT MODEL RAILWAY SHOW

Hosts: Weston on Trent Primary School
Location: Weston on Trent Primary School, Forrester Avenue, Weston on Trent, Derbyshire DE72 2HX
Times: 10.30am-4.30pm
Prices: Adults £3.50, concessions £3, children £2, family (2+3) £10
Contact: 07711 318489
Features: 20 layouts, trade support, demonstrations, refreshments, parking and disabled access.

14/15 BRIGHTON MODEL RAILWAY CLUB EXHIBITION

Hosts: Brighton Model Railway Club
Location: Patcham Community Centre, Ladies Mile Road, Brighton BN1 8TA
Times: Sat 10am-5pm, Sun 10am-4.30pm
Prices: Adults £3.50, concessions £3, children £2.50, family (2+2) £10
Website: www.brightonmrc.com
Contact: 01273 771929
Features: Nine layouts, trade support, societies, refreshments and parking.

14/15 COLNE MODEL RAILWAY EXHIBITION

Hosts: Pendle Forest Model Railway Society
Location: Park High School, Venables Avenue, Colne BB8 7DP
Times: Sat 10am-5pm, Sun 10am-4pm
Prices: Adults £4, children £2.50, family (2+2) £12
Website: www.pfmrs.org.uk
Contact: 07770 331348
Features: Layouts, trade support, refreshments and disabled access.

14/15 MILLBROOK MODEL RAILWAY SHOW

Hosts: Solent Model Railway Group
Location: Blightmont Army Reserve Centre, Millbrook Road West, Southampton SO15 0AJ
Times: Sat 10am-5pm, Sun 10am-4pm
Prices: Adults £3.50, children £2, family (2+2) £9
Website: www.solentmodellrailwaygroup.webs.com
Contact: 023 8077 2681
Features: 12 layouts, trade support, refreshments, parking and disabled access.

14/15 RETFORD MODEL RAILWAY EXHIBITION

Hosts: Bassetlaw (North Notts) Railway Society
Location: Retford Town Hall, Market Square, Retford DN22 6DQ
Times: Sat 10am-5pm, Sun 10am-4pm
Prices: Adults £4, children £2.50, family £10
Website: www.bnnrs.net
Contact: 07768 347456
Features: 14 layouts, trade support, societies, refreshments and disabled access.

14/15 SEDGEMOOR RAIL

Hosts: Burnham and District Model Railway Club
Location: King Alfred School, Highbridge, Somerset TA9 3EE
Times: Sat 11am-4pm, Sun 10am-3pm
Prices: Admission £4, accompanied children under 13 free
Website: www.burnhamanddmrc.co.uk
Contact: 01278 782121
Features: Layouts, trade support, societies, demonstrations, refreshments, parking and disabled access.

14/15 TOLWORTH SHOWTRAIN

Hosts: Hampton Court Model Railway Society
Location: Tolworth Recreation Centre, Fullers Way North, Tolworth, Surrey KT6 7LQ
Times: Sat 10am-5.30pm, Sun 10am-5pm
Prices: Adults £6, children £3, family (2+2) £15
Website: www.tolworthshowtrain.co.uk
Contact: 020 8949 3413
Features: 26 layouts, trade support, societies, refreshments and parking. Regular free bus shuttle between venue and Surbiton railway station.

14/15 TYNESIDE 2015 MODEL RAILWAY EXHIBITION

Hosts: Newcastle and District Model Railway Society
Location: Gateshead International Stadium, Neilson Road, Gateshead NE10 0EF
Times: Sat 10am-6pm, Sun 10am-5pm
Prices: Adults £5, children £2, family £12
Website: www.newcastlemodelrailway.org.uk
Features: 16 layouts, trade support, refreshments and disabled access.

DON'T MISS...

14/15 SPALDING MODEL RAILWAY EXHIBITION

Hosts: Spalding Model Railway Club
Location: Springfields Events Centre, Camel Gate, Spalding, Lincolnshire PE12 6ET
Times: Sat 10am-5pm, Sun 10am-4.30pm
Prices: Adults £7, concessions £6, accompanied children free
Website: www.spaldingmodelrailwayclub.org.uk
Contact: 01406 426669
Features: More than 30 layouts, trade support, demonstrations, refreshments, parking and disabled access. Sponsored by *Hornby Magazine* and featuring the magazine's 'OO' layout Shortley Bridge and Felton Cement Works.

15 BOURNE END O GAUGE RUNNING SESSION

Hosts: Amberly Services
Location: St. Dunstan's Church Hall, Wakeman Road, Bourne End, Buckinghamshire SL8 5SX
Times: 11.15am-5pm
Prices: Adults £3, family £3
Contact: 07802 271081
Features: Test track, trade support, refreshments, parking and disabled access.

20-22 WAKEFIELD MODEL RAILWAY EXHIBITION

Hosts: Wakefield Railway Modellers Society
Location: Thornes Park Athletic Stadium, Horbury Road, Wakefield WF2 8TY
Times: Fri 5.30pm-9pm, Sat 10am-6pm, Sun 10am-5pm
Prices: Adults £7, concessions £5, children £2, family (2+3) £15
Website: www.wakefieldrms.org
Contact: 07549 149051
Features: 20 layouts, trade support, demonstrations, refreshments, parking and disabled access.

21 PORTSMOUTH MODEL RAILWAY EXHIBITION

Hosts: South Hants Model Railway Club
Location: Admiral Lord Nelson School, Dundas Lane (near Ocean Park), Portsmouth PO3 5XT
Times: 10.30am-4.30pm

Prices: Adults £5, accompanied children free
Website: www.shmrc.org.uk
Contact: 01329 847989
Features: Layouts, trade support, demonstrations, societies, refreshments, parking and disabled access.

21 RAILSHOW 2015 HAMPTON

Hosts: White House Model Railway Group
Location: The White House, The Avenue, Hampton, Middlesex TW12 3RN
Times: 10.30am-5pm
Prices: Adults £5, accompanied children free
Contact: jacobs91da@hotmail.com
Features: 20 layouts, trade support, refreshments, parking and disabled access.

21 ROYSTON AND DISTRICT MODEL RAILWAY CLUB EXHIBITION

Hosts: Royston and District Model Railway Club
Location: Bassingbourne Village College, South End, Bassingbourn, Royston, Cambridgeshire SG8 5NJ
Times: 10.30am-5pm
Prices: Adults £5, accompanied children free
Website: www.roystondmrc.co.uk
Contact: 01223 563276
Features: 20 layouts, trade support, demos, live steam rides, refreshments, parking and disabled access.

21 WREXHAM HOBBIES, TOY AND MODEL RAILWAY EXHIBITION

Hosts: World of Motion
Location: Wrexham Memorial Hall, Bodhyfryd, Wrexham LL12 7AG
Times: 10.30am-4pm
Prices: Adults £3.50, children £1
Website: www.barrystocktonfairs.co.uk
Contact: 0151 638 3915
Features: Layouts and trade support.

21/22 SCUNTHORPE MODEL RAILWAY SHOW

Hosts: Scunthorpe and District Model Railway Club
Location: Sunshine Hall, Ashby High Street, Scunthorpe DN16 2ND
Times: Sat 10am-5pm, Sun 9.30am-4pm
Prices: Adults £2.50, concessions £2, family £7
Contact: 01724 860149
Features: Layouts, trade support and refreshments.

21/22 SOUTHEND FESTIVAL OF MODEL RAILWAYS AND HOBBIES

Hosts: Shoeburyness Model Railway Club
Location: Southend Tennis and Leisure Centre, Eastern Avenue, Southend-on-Sea, Essex SS2 4FA
Times: Sat 10am-5pm, Sun 10am-5pm
Prices: Adults £6, concessions £5, children £4, family (2+2) £15
Website: www.shoeburynessmrc.co.uk
Contact: 01702 294926
Features: Layouts, trade support, demonstrations, societies, refreshments, parking and disabled access.

21/22 THORNBURY MODEL RAILWAY AND MODELLING EXHIBITION

Hosts: Thornbury and South Gloucestershire Model Railway Club
Location: The Chantry, Castle Street, Thornbury, South Gloucestershire BS35 1HB
Times: Sat 10am-5pm, Sun 10am-4pm
Prices: Adults £4.50, concessions £3.50, children £2, family (2+2) £10
Website: www.tsgrmc.co.uk
Contact: 07515 395330
Features: 15 layouts, trade support, societies, refreshments, parking and disabled access.

21/22 WORKINGTON MODEL RAILWAY EXHIBITION

Hosts: Solrail
Location: Energus Building, Blackwood Road, Lillyhall, Workington, Cumbria CA14 4JW
Times: Sat 10am-5pm, Sun 10am-4pm
Prices: Adults £5, children £1, accompanied children free

Website: www.solrail.co.uk

Features: 13 layouts, trade support, societies, demonstrations, refreshments, parking and disabled access. Bus link between venue, town and Workington railway station on Saturday only.

22 FARNHAM AND DISTRICT MRC OPEN DAY

Hosts: Farnham and District Model Railway Club

Location: Community Centre, Greenfield Road, Wrecclesham, Farnham, Surrey GU9 8TJ

Times: 10am-4pm

Prices: Adults £1, children free

Website: www.farnhammrc.org.uk

Features: Club layouts, 'OO' running track, refreshments and disabled access to main hall only.

22 NORTHAMPTON AND DISTRICT NARROW GAUGE MODELLERS OPEN DAY

Hosts: Northampton and District Narrow Gauge Modellers

Location: Village Hall, West Street, Weedon Bec, Northamptonshire NN7 4QU

Times: 10.30am-3.30pm

Prices: Adults £5, concessions £4, accompanied children free

Contact: 01788 579744

Features: 15 layouts, trade support, refreshments and disabled access to main hall only.

28 LETCHWORTH MODEL RAILWAY SOCIETY EXHIBITION

Hosts: Letchworth Model Railway Society

Location: Etonbury Academy, Stotfold Road, Arlesey, Bedfordshire SG15 6XS

Times: 10am-4.30pm

Prices: Adults £5, concessions £4, accompanied children free

Website: www.leitchworthmrs.org.uk

Contact: 01438 725707

Features: Layouts, trade support, demonstrations, displays, refreshments, parking and disabled access.

28 RAINHILL CHRISTMAS MODEL RAILWAY SHOW

Hosts: Rainhill Model Railway Club

Location: Rainhill Village Hall, Weaver Avenue, Rainhill, Merseyside L35 4LU

Times: 10am-5pm

Prices: Adults £2, children £3

Website: www.rainhillmrc.org.uk

Contact: 01925 226266

Features: Club and members' layouts, trade support, refreshments and disabled access.

28 ST ANDREW'S MODEL RAILWAY EXTRAVAGANZA

Hosts: St. Andrew's Railway Modellers

Location: St. Andrew's Church, Cheadle Road, Cheadle Hulme, Stockport, Cheshire SK8 5ET

Times: 10am-3pm

Prices: Free

Contact: 07736 609462

Features: Layouts, trade support, refreshments, parking and disabled access.

DON'T MISS...

28/29 WARLEY NATIONAL MODEL RAILWAY EXHIBITION

Hosts: Warley Model Railway Club

Location: National Exhibition Centre (NEC), Pendigo Way, Marston Green, Birmingham B40 1NT

Times: Sat 9.45am-6pm, Sun 9.45am-5pm

Prices: Adults £14 (£12.50), children £8.50 (£7), family (2+3) £41.50 (£34) – advance ticket prices in brackets

Website: www.thewarleyshow.co.uk

Contact: 0121 477 5444

Features: Layouts, trade support, demonstrations, displays, societies, refreshments and disabled access. Visit the *Hornby Magazine* stand for exclusive offers and to see our office test track Topley Dale making a rare public outing.

28/29 BROADSTAIRS MODEL RAILWAY EXHIBITION

Hosts: Isle of Thanet Railway Society

Location: St. George's School, Westwood Road, Broadstairs, Kent CT10 2LH

Times: Sat 10am-5pm, Sun 10am-4pm

Prices: Adults £4.50, concessions £4, children £2.50, family (2+2) £12

Contact: 01843 835587

Features: 20+ layouts, trade support, refreshments, parking and disabled access.

29 NEW FOREST MODEL RAILWAY SOCIETY OPEN DAY

Hosts: New Forest Model Railway Society

Location: Brockenhurst Village Hall, Highwood Road, Brockenhurst, Hampshire SO42 7RY

Times: 10am-4.30pm

Prices: Adults £3, children £2, family (2+2) £8

Website: www.nfmr.co.uk

Contact: 01425 673668

Features: Layouts, trade support, displays, refreshments, parking and disabled access.

DECEMBER

5 LYTHAM ST ANNES FESTIVE GARDEN RAILWAY AND NARROW GAUGE SHOW

Hosts: G-Wizz Garden Railway Display Team

Location: St. Margaret's Community Hall, St. Leonard's Road West, St. Annes, Lytham St. Annes FY8 2JW

Times: 10am-4pm

Prices: Adults £2.50, children £1.50

Website: www.g-wizz-group.co.uk

Features: Trams, G scale and narrow gauge railways, trade support, demonstrations, refreshments and parking.

5 WHITTLESEY MODEL RAILWAY SHOW

Hosts: March and District Model Railway Club

Location: Whittlesey Scout Hut, Inham's Road, Whittlesey PE7 1SS

Times: 10am-4pm

Prices: Adults £2, children £2

Contact: 01945 410366

Features: Eight layouts, trade support, demonstrations, refreshments and parking.

5 PRESTATYN CHARITY MODEL RAILWAY EXHIBITION

Hosts: Rhyl and District Model Railway Club

Location: Prestatyn Parish Church and Community Hall, High Street, Prestatyn, Denbighshire

Times: 10.30am-4pm

Prices: Adults £3, concessions £2, children £1.50, family (2+2) £7

Website: www.rhylmodelrailclub.co.uk

Contact: 07746 604749

Features: Ten layouts, trade support, refreshments, parking and disabled access.

5/6 MANCHESTER CHRISTMAS MODEL RAILWAY SHOW

Hosts: Manchester Model Railway Society

Location: Barnes Wallis Building, University of Manchester, Altrincham Street, Manchester M1 7JR

Times: Sat 10am-5.30pm, Sun 10am-4.30pm

Prices: Adults £8 (includes up to two accompanied children free)

Website: www.mmr.co.uk

Features: Layouts, trade support, refreshments, parking and disabled access.

6 CHICHESTER MODEL ENGINEERS SUNDAY SANTA SPECIALS

Hosts: Chichester and District Society of Model Engineers

Location: Blackberry Lane, off Bognor Road, East Chichester, West Sussex PO19 7FS

Times: 1pm-4pm

Prices: TBC

Website: www.cdsme.co.uk

Contact: 07954 051594

Features: Ride behind several different miniature locomotives.

6 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 615871

Features: Showcasing the LNER in the heyday of steam, featuring dozens of 'O' gauge trains on the club's extensive East Coast layout.

12 FIRST BANGOR MODEL RAILWAY CLUB CHRISTMAS EXHIBITION

Hosts: First Bangor Model Railway Club

Location: First Bangor Presbyterian Church Halls, Upper Main Street, Bangor, Northern Ireland BT20 4AG

Times: 10am-5pm

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Prices: Adults £3, concessions £2, children £1, family £6

Website: www.firstbangormrc.co.uk

Features: Layouts and trade support.

12/13 POYNTON MODEL SHOW

Hosts: The Model Show

Location: Poynton Leisure Centre, Yew Tree Lane, Poynton, Stockport, Cheshire SK12 1PU

Times: Sat 10am-5pm, Sun 10am-4.30pm

Prices: Adults £5.50, forces £4, 14-18 £3.50, accompanied children under 14 free, family (2+3) £15

Website: www.modelshow.co.uk

Features: 10 layouts, trade support, demonstrations, displays, societies, refreshments and disabled access.

12/13 RAILEX NORTH EAST

Hosts: Blyth and Tyne Model Railway Society

Location: Quorum Business Park, Benton Lane, Newcastle upon Tyne NE12 8BS

Times: Sat 10am-5pm, Sun 10am-4pm

Prices: Adults £6, children £3, family (2+2) £15

Website: www.railexne.com

Features: 40 layouts, trade support, demonstrations, displays, societies, refreshments, parking and disabled access.

13 CHICHESTER MODEL ENGINEERS SUNDAY SANTA SPECIALS

Hosts: Chichester and District Society of Model Engineers

Location: Blackberry Lane, off Bognor Road, East Chichester, West Sussex PO19 7FS

Times: 1pm-4pm

Prices: TBC

Website: www.cdsme.co.uk

Contact: 07954 051594

Features: Ride behind several different miniature locomotives.

19 HILLINGDON RAILWAY MODELLERS TEST TRACK OPEN DAY

Hosts: Hillingdon Railway Modellers

Location: VIEWSLEY Baptist Church Hall, Colham Avenue, VIEWSLEY, Hillingdon, London UB7 8HF

Times: 10am-4pm

Prices: Admission £4

Website: www.hillingdonrailwaymodellers.co.uk

Contact: 020 8368 4090

Features: Meet club members, DC/DCC test tracks available in 'O', 'OO' and 'N', second-hand stall and refreshments.

27/28 GAINSBOROUGH MODEL RAILWAY SOCIETY - OPEN DAYS

Hosts: Gainsborough Model Railway Society

Location: Florence Terrace, Gainsborough, Lincolnshire DN21 1BE

Times: Sun 1.30pm-6pm, Mon 1.30pm-6pm

Prices: Adults £4, concessions £3, children £3, family (2+2) £10

Website: www.gainsboroughmodelrailway.co.uk

Contact: 01427 615871

Features: Showcasing the LNER in the heyday of steam, featuring dozens of 'O' gauge trains on the club's extensive East Coast layout.

28 KEIGHLEY MODEL RAILWAY CLUB CHRISTMAS OPEN DAY

Hosts: Keighley Model Railway Club

Location: Clubrooms, Knowle Mills, South Street, Keighley, West Yorkshire BD21 1SY

Times: 10am-4.30pm

Prices: Adults £3.50, children £2.50

Website: www.keighley-mrc.org.uk

Contact: 07771 565617

Features: Club layouts, festive refreshments, parking and disabled access.

28/29 TAUNTON MODEL RAILWAY GROUP – OPEN DAYS
Hosts: Taunton Model Railway Group.
Location: Platform One, Bishops Lydeard Station, West Somerset Railway TA4 3RU
Times: Mon 10.30am–4.30pm, Tues 10.30am–4.30pm
Prices: Adults £1.50, children 75p
Website: www.bathgreenpark.co.uk
Contact: 01984 639509
Features: Tamerig and Bath Green Park layouts in operation.

30 WIMBORNE RAILWAY SOCIETY OPEN DAY
Hosts: Wimbome Railway Society
Location: United Reformed Church Hall, Chapel Lane, Wimbome, Dorset BH21 1PP
Times: 10am–4pm
Prices: Adults £2.50, children 50 pence
Website: www.wimrail.org.uk
Contact: 01202 874735
Features: Three layouts, refreshments and disabled access.

31 YEOVIL MODEL RAILWAY EXHIBITION
Hosts: West Camel Model Railway Society
Location: Davis Hall, West Camel, Yeovil BA22 7QX
Times: 10am–3.30pm
Prices: Adults £3, children 11–16 £1, children under 11 free
Website: www.davishall.co.uk
Contact: 01935 850136
Features: Ten layouts, trade support, parking and disabled access.

JANUARY

9 IPSWICH RAILWAY MODELLERS ASSOCIATION OPEN DAY
Hosts: Ipswich Railway Modellers Association
Location: 40A Norfolk Road, Ipswich, IP4 2HB
Times: 10am–1pm
Prices: Free
Website: www.irma.org.uk
Features: Club layouts, second-hand stall and refreshments.

9/10 BOGNOR REGIS MODEL RAILWAY EXHIBITION
Hosts: Bognor Regis Model Railway Club
Location: Felpham Community College, Felpham, Bognor Regis, West Sussex PO22 8EL
Times: Sat 10am–5pm, Sun 10am–4.30pm
Prices: Adults £4.50, children £2, family (2+2) £12
Website: www.brmrc.co.uk
Contact: 07973 837640
Features: 15 layouts, trade support, demonstrations, societies, ride on railway, refreshments, parking and disabled access.

9/10 KIDLINGTON SCOUT RAIL 2016
Hosts: 33rd Oxford (Kidlington) Scout Group
Location: Exeter Hall, Oxford Road, Kidlington, Oxfordshire OX5 1AB
Times: Sat 10am–4.30pm, Sun 10am–4.30pm
Prices: Adults £3.50, concessions £2.50, children £1.50
Website: www.scoutrail.org.uk
Features: Layouts, trade support, refreshments and parking.

9/10 PRATTS BOTTOM MODEL RAILWAY SHOW
Hosts: Orpington and District Model Railway Society
Location: Pratts Bottom Village Hall, Norsted Lane, Rushmore Hill, Pratts Bottom, Orpington BR6 7PQ
Times: Sat 10am–5pm, Sun 10am–5pm
Prices: Adults £3.50, children £1.50
Website: www.orpingtonmodelrail.org.uk
Features: Layouts, trade support, refreshments and parking.

10 WESTON-SUPER-MARE MODEL RAILWAY SHOW
Hosts: Keith Price
Location: The Campus, Highlands Lane, Locking Castle BS24 7DX
Times: 10am–4.30pm
Prices: Adults £6.50, concessions £6, children £2, family £15
Website: www.westonsupermaretrainshow.com
Contact: 01934 425075
Features: 25 layouts, trade support, demonstrations, refreshments and disabled access.

15–17 LONDON MODEL ENGINEERING EXHIBITION
Hosts: Meridienne Exhibitions
Location: Great Hall, Alexandra Palace, London N22 7AY
Times: Fri 10am–5pm, Sat 10am–5pm, Sun 10am–4.30pm
Prices: Adults £11 (£9.50), concessions £10 (£8.50), children £4 (£3) – advance ticket prices in brackets

Website: www.londonmodelengineering.co.uk
Features: Displays, demonstrations, layouts, trade support, refreshments, parking and disabled access.

16 ASTOLAT (GUILDFORD) MODEL RAILWAY EXHIBITION
Hosts: Astolat Model Railway Circle
Location: Guildford County School, Farnham Road, Guildford, Surrey GU2 4LU
Times: 10am–5pm
Prices: Adults £6, children £3, family (2+1 or more children) £12
Website: www.astolatmrc.co.uk
Contact: 01483 722098
Features: 19 layouts, trade support, societies and refreshments.

16 BRIDPORT AND DISTRICT MODEL RAILWAY CLUB EXHIBITION
Hosts: Bridport and District Model Railway Club
Location: Beaminster Public Hall, Fleet Street, Beaminster, Dorset DT8 3EF
Times: 10am–4pm
Prices: Adults £3, children £1
Contact: 01308 861754
Features: Layouts, trade support and refreshments.

16/17 BLACKBURN CHARITY MODEL RAILWAY EXHIBITION
Hosts: East Lancashire Model Railway Charitable Organisation
Location: Audley Sport and Community Centre, Chester Street, Blackburn BB1 1LP
Times: Sat 11am–5pm, Sun 10am–3pm
Prices: Adults £5, concessions £3, children £3, family £12
Contact: 07585 762627
Features: Layouts and trade support.

16/17 ST ALBANS MODEL RAILWAY EXHIBITION
Hosts: Chiltern Model Railway Association
Location: Alban Arena, Civic Centre, St Albans, Hertfordshire AL1 3LD
Times: Sat 10am–5.30pm, Sun 10am–4.30pm
Prices: TBC
Website: www.cmra.org.uk
Features: 20 layouts, trade support, demonstrations, displays, societies and refreshments.

23 EGHAM MODEL RAILWAY EXHIBITION
Hosts: Egham and Staines Model Railway Society
Location: Manorcroft School, Egham, Surrey TW20 9LX
Times: 10.30am–5pm
Prices: Adults £5, concessions £4, children £2.50, family £12.50
Website: www.esmrs.co.uk
Features: Ten layouts, trade support and refreshments.

23/24 CALNE MODEL RAIL SHOW
Hosts: Bentley Model Railway Group
Location: Calne Leisure Centre, White Horse Way, Calne, Wiltshire SN11 0SP
Times: Sat 10am–5pm, Sun 10am–4.30pm
Prices: Adults £4.50, children £3
Website: www.calnemrs.org.uk
Contact: 01249 657283
Features: 15 layouts, trade support, refreshments and parking.

23/24 CANTERBURY MODEL RAILWAY EXHIBITION
Hosts: City of Canterbury Model Railway Society
Location: St Anselms School, Old Dover Road, Canterbury, Kent CT1 3EN
Times: Sat 10am–5pm, Sun 10am–4.30pm
Prices: Adults £5, concessions £4, children £3, family (2+3) £13
Website: www.ccmrs.co.uk
Contact: 01227 738789
Features: 15 layouts, trade support, demonstrations, outdoor rides, refreshments, parking and disabled access.

30/31 ERITH MODEL RAILWAY SOCIETY EXHIBITION
Hosts: Erith Model Railway Society
Location: Longfield Academy, Main Road, Longfield, Kent DA3 7PH
Times: Sat 10am–5pm, Sun 10am–4pm
Prices: Adults £7, concessions £6, children £3, family (2+3) £18
Website: www.ukmodelshops.co.uk/erithmrs/index.html
Contact: 07736 560956
Features: 35 layouts, trade support, societies, demonstrations, refreshments, parking and disabled access.

30/31 SOUTHAMPTON MODEL RAILWAY EXHIBITION
Hosts: Southampton Model Railway Society
Location: Barton Peveril College, Chestnut Avenue, Eastleigh, Hampshire SO50 5BX
Times: Sat 10am–5pm, Sun 10am–4.30pm
Prices: Adults £7, children £3, family (2+3) £17
Website: www.southamptonmodelrailwaysociety.wordpress.com
Features: 20 layouts, trade support, societies, demonstrations, refreshments and parking.

FEBRUARY

6/7 FEBEX – ALTON MODEL RAILWAY EXHIBITION
Hosts: Alton Model Railway Group
Location: Eggars School, London Road, Alton, Hampshire GU34 4EQ
Times: Sat 10.30am–5pm, Sun 10.30am–4pm
Prices: TBC
Website: www.altonmrg.co.uk
Features: Layouts, trade support, demonstrations, refreshments, parking and disabled access.

6/7 STAFFORD MODEL RAILWAY EXHIBITION
Hosts: Stafford Railway Circle
Location: Stafford County Showground, Weston Road, Stafford, Staffordshire ST18 0BD
Times: Sat 10am–5pm, Sun 10am–4.30pm
Prices: Adults £9, accompanied children £1
Website: www.staffordrailwaycircle.org.uk
Features: 40 layouts, trade support, demonstrations, displays, refreshments, parking and disabled access.

12/13 SOUTH SHIELDS MODEL RAIL SHOW
Hosts: The Salvation Army
Location: Salvation Army Hall, Warn Street, South Shields NE33 4EB
Times: Fri 1pm–8pm, Sat 10am–5pm
Prices: Adults £3, children £1.50, family £7
Contact: 0191 455 3710
Features: Layouts, trade support, societies, refreshments, parking and disabled access.

13 G SCALE SOCIETY WEST MIDLANDS MODEL RAILWAY EXHIBITION
Hosts: G Scale Society, West Midlands Area Group
Location: St Mary's Church Hall, Hobs Meadow, Solihull B92 8PN
Times: 10am–4pm
Prices: Adults £3, children £1
Contact: 01299 403548
Features: G Scale indoors, guest layouts, trade support, parking and refreshments.

13 MILTON KEYNES MODEL RAILWAY EXHIBITION
Hosts: Milton Keynes Model Railway Society
Location: Stantonbury Leisure Centre, Stantonbury, Milton Keynes MK14 6BN
Times: 10am–4.30pm
Prices: Adults £6, children £3.50, family £11
Website: www.mkrmrs.org.uk/exhibitions
Features: 40 layouts, trade support, demonstrations, refreshments, parking and disabled access. Free vintage bus between Milton Keynes Central railway station and venue.

13 SODBURY VALE MODEL RAILWAY CLUB EXHIBITION
Hosts: Sodbury Vale Model Railway Club
Location: St Mary's Church and Church Hall, Church Road, Yate, Gloucestershire BS37 5BG
Times: 10am–4.30pm
Prices: Adults £5, accompanied children free
Contact: 01454 327611
Features: 15 layouts, trade support, demonstrations and refreshments.

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.



Welcome to our project update feature, with the latest status of forthcoming releases from all major manufacturers. Use it to see the progress of projects you are interested in. The web address in the "link" column can be used to view products online, and to place your preorders.

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Sun 8am-5pm

	Link	Price	Date announced	CAD done	In Tooling	Seen 1st EP	Decorated samples	In production	On Board Ship	Released
Class 43 NBL Warship	ehattons.com/c43	£118.96	Mar 2013							
Hawksworth Autocoaches	ehattons.com/hac	£58.61	Mar 2013							
Wickham trolley car	ehattons.com/wtc	£67.96	Mar 2013							
Class 90 Electric	ehattons.com/c90	£119.00 (EST)	Jul 2014							
LNWR Webb coal tank	ehattons.com/wct	£102.00 (EST)	Sep 2014							
Class 117 3-Car DMU	ehattons.com/c117	£170.00 (EST)	Sep 2015							
Class 121 'Bubble Car'	ehattons.com/c121	£127.50 (EST)	Sep 2015							

Birdcage coaches, Class 24/1, J72, 6P, V2, 3F, J39, K3, 94xx, H2 Atlantic - view these projects at www.ehattons.com/projectupdates

	Link	Price	Date announced	CAD done	In Tooling	Seen 1st EP	Decorated samples	In production	On Board Ship	Released
Class 73	ehattons.com/c73	£105.00	March 2012							
Class 68	ehattons.com/c68	TBC	April 2014							

GWR Railcar, Class B4, IDA flat, Turbot - view these projects at www.ehattons.com/projectupdates

	Link	Price	Date announced	CAD done	In Tooling	Seen 1st EP	Decorated samples	In production	On Board Ship	Released
J94	ehattons.com/j94	£82.00	Aug 2014							
14xx	ehattons.com/14xx	£99.00	Sep 2014	Feb 2015						
Hatton's King	ehattons.com/king	£169.00-£179.00	Aug 2014	Nov 2014						

	Link	Price	Date announced	CAD done	In Tooling	Seen 1st EP	Decorated samples	In production	On Board Ship	Released
Metropolitan Bo-Bo	ehattons.com/mbb	£107.00	May 2014							
Class 02 Tango	ehattons.com/02	£148.00	Nov 2013							

Class 4700, Class 1366 - view these projects at www.ehattons.com/projectupdates

	Link	Price	Date announced	CAD done	In Tooling	Seen 1st EP	Decorated samples	In production	On Board Ship	Released
Class S15	ehattons.com/s15	£124.99	Dec 2014							
King	ehattons.com/horking	£145.14 - £179.99	Dec 2014							
Hornby Adams Radial	ehattons.com/horar	£111.10	Dec 2014							
Class J50	ehattons.com/j50	£74.06	Dec 2014							
Class 71	ehattons.com/c71	£127.50	Nov 2014							
Merchant Navy	ehattons.com/mn	TBC	Mar 2015							
SR Maunsell Coaches	ehattons.com/exsmaun	£39.99	Jun 2016							

Collet coaches - view these projects at www.ehattons.com/projectupdates

	Link	Price	Date announced	CAD done	In Tooling	Seen 1st EP	Decorated samples	In production	On Board Ship	Released
7 plank wagons	ehattons.com/oxcw	£9.00	Jan 2015							
Adam's Radial	ehattons.com/ar	£88.00	Jan 2015							
Hatton's ICI hopper	ehattons.com/ici	£24.00 / £25.00	Mar 2015							

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.

You can view extended lists, preorder & comment on all of these projects at

www.ehattons.com/projectupdates

Information correct at the time of going to press. All information subject to change



Branchline 2015 New Items



Class J72 0-6-0T
Pre-order for £75.00



31-060 8680 in LNER lined green
31-061 69001 in BR black with early emblem
31-062 69028 in BR black with late crest

Class 6P Royal Scot 4-6-0
Pre-order for £135.00



31-285 6130 'The West Yorkshire Regiment' in LMS crimson
31-286 46163 'Civil Service Rifleman' in BR black
31-287 46151 'The Royal Horse Guardsman' BR green

Class V2 2-6-2
Pre-order for £135.00



31-566 3645 in LNER black
31-567 60881 in BR green with late crest

Class J39 0-6-0
Pre-order for £80.00



31-866 1803 in LNER Black
31-867 64792 in BR black with early emblem

Class K3 2-6-0
Pre-order for £95.00



32-279A 1304 in LNER lined black
32-281 61862 in BR lined black with early emblem

Class 94xx 0-6-0
Pre-order for £85.00



35-025 9402 in GWR Green
35-026 9487 in BR black with early emblem
35-027 9479 in BR black with late crest

LNWR 0-6-2T Webb Coal Tank
Pre-order for £102.00



35-050 LNWR plain black livery
35-051 LMS black livery
35-052 BR black early emblem

Class 117 3-Car DMU
Pre-order for £170.00



35-500 Class 117 3 car suburban DMU in BR green with speed whiskers

35-501 Class 117 3 car suburban DMU in BR blue & grey
35-502 Class 117 3 car suburban DMU in Network SouthEast livery

Class 121 "Bubble Car"
Pre-order for £127.50



35-525 Class 121 'Bubble Car' single car DMU in BR green with speed whiskers

35-526 Class 121 'Bubble Car' single car DMU in BR blue & grey
35-527 Class 121 'Bubble Car' single car DMU in Network SouthEast livery

See the entire range at ehattons.com/bachmann2015

(Prices estimated - we will notify you if price rises & offer option to cancel)

Limited Edition J94s & Austerities, Class 14xx & Kings from Hatton's, being produced by DJ Models

Class 14xx
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Pristine

H1401 48xx 4825 in GWR unlined green Great Western
H1404 58xx 5808 in GWR unlined green Shirtbutton
H1406 14xx 1420 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
H1413 14xx 1444 in BR lined green early emblem
H1414 14xx 1450 BR lined green late crest
H1416 14xx 1409 BR unlined green late crest

Lightly Weathered

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
H1407 58xx 5802 in GWR unlined green G W R
H1411 58xx 5801 in BR unlined green G W R

Heavily Weathered

H1412 14xx 1474 in BR unlined black early emblem
H1415 14xx 1432 BR lined green late crest

www.ehattons.com/j94

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J9401 "Robert" in NCB Bold Colliery lined green
J9402 71515 in Mech Navvies maroon
J9407 4 in NCB Backworth Colliery lined black
J9408 98 "Royal Engineer" in Army green
J9410 15 in Wemyss Private Railway lined brown

Lightly Weathered

J9403 J94 68012 in BR black late crest
J9405 "Hurricane" in NCB Bickershaw Colliery lined green
J9409 7 in NCB Littleton Colliery lined blue

Very Heavily Weathered



J9404 1763 NCB Peckfield Colliery lined maroon with chevrons
J9406 8 in NCB Mountain Ash Colliery lined green

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HK01 6000 "King George V" in GWR lined green with roundel
HK02 6019 "King Henry V" in GWR lined green with shield
HK03 6021 "King Richard II" in GWR lined green with shirtbutton

HK04 6029 "King Edward VIII" in GWR un-lined wartime green
HK05 6018 "King Henry VI" in GWR lined green
HK06 6025 "King Henry III" in BR ultramarine blue
HK07 6027 "King Richard I" in BR/GWR lined green
HK08 6028 "King George VI" in BR lined blue with early crest



HK09 6023 "King Edward II" in BR lined blue with early crest
HK10 6009 "King Charles II" in BR lined green with early crest
HK11 6017 "King Edward IV" in BR lined green with late crest
HK12 6026 "King John" in BR lined green with late crest
HK13 6005 "King George II" in BR lined green with late crest
HK14 6024 "King Edward I" in BR lined green with late crest

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OO Gauge (1:76 Scale)

Steam locos

R2672 Colwyn Bay Railway 0-4-0 steam loco in black (Railroad range) (Hor) (list £20.49) BARGAIN £24

NEW

R3279 Class 1000 County 4-6-0 1016 "County Of Hants" in BR green early crest - Railroad range (Hor) NEW £59.50

31-931 Class 1000 Midland Compound 4-4-0 1189 in LMS black (Bac) (list £139.95) BARGAIN £80

31-932DC Class 1000 Midland Compound 4-4-0 40934 in BR lined black early emblem. DCC On Board (Bac) (list £159.95) BARGAIN £89

31-933 Class 1000 Midland Compound 4-4-0 41157 in BR lined black late crest (Rail) (list £139.95) BARGAIN £80

R3106 Class 2800 2-6-0 2845 in BR black late crest - weathered (Hor) £100

R3106 Class 2800 2-6-0 2845 in BR black late crest - weathered (Hor) £100

31-127 Class 3000 2-6-0 3000 in BR black early emblem (Rail) (list £129.95) BARGAIN £80

NEW

31-089 Class 32xx 4-4-0 Dukedog 3214 in GWR green shirtbutton logo (Bac) NEW £118.96

NEW

31-086 Class 32xx 4-4-0 Dukedog 9029 in BR black early emblem (Bac) NEW £118.96

R3277 Class 1000 County 4-6-0 1003 "County Of Devon" in Great Western green - Railroad range (Hor) £54.00

31-628DC Class 3F 0-6-0 43620 in BR black late crest - weathered. DCC On Board (Bac) (list £119.95) BARGAIN £79

R2882 Class 3F 0-6-0 43620 in BR black late crest - weathered. DCC On Board (Bac) (list £119.95) BARGAIN £79

R3229 Class 4000 4-6-0 4021 "British Maritime" BR green early crest (Hor) £125.10

R3205 Class 4000 4-6-0 4095 "British Maritime" BR green early crest (Hor) £105

R3109 Class 4900 4-6-0 4972 "Olton Hall" in GWR (Railroad range). New tooling for 2013 (Hor) £67

31-681 Class 4E 0-4-0 43675 BR black early emblem and Johnson (Display tender) (Hor) £54.00

R2861 Class 5 Black 5 5112 in LMS lined black (Railroad Range) (Hor) £86

31-168 Class 5 L&YR 2-4-2T 10713 in LMS crimson (Bac) £90.06

31-169 Class 5 L&YR 2-4-2T 50795 in BR lined black early emblem (Bac) £90.06

R3224 Class 5LX 2-4-0 5220 in BR black late crest (Hor) £111.20

R2-088 Class 5LX 2-4-0 5220 in BR black late crest (Hor) £78.48

32-084 Class 56XX 0-6-2 8677 in GWR green (Bac) £76.48

31-188 Class 5XP Jubilee 4-6-0 45565 "Victoria" in BR lined green late crest - weathered (Bac) £127.46

31-783 Class 1050 Modified Hall 7004 "Fountain" BR in BR black early emblem - weathered (Bac) £114.71

R3278 Class 5P Patriot 4-6-0 45518 "Bradshaw" in BR green early crest - Railroad range (Hor) £64.80

R3304 Class 700 Black Motor 0-6-0 30316 in BR black early crest - weathered (Hor) £101.84

R3226 Class 7XX 2-6-2 7218 in BR black early crest (Hor) £120.50

31-013 Class 7F 2-6-2 S&DJR 53808 in BR black late crest & Deeley tender (Bac) (list £134.95) BARGAIN £89

R3244TTS Class 8 4-6-2 71000 "Duke Of Gloucester" in BR green late crest - TTS Sound (Hor) (list £139.95) BARGAIN £94

R3221 Class 8P 2-6-2 4023 "Duchess Of Sutherland" in BR green early crest & M1 support coach in BR maroon (Hor) £157.60

R3086 Class A1 "Flying Scotsman" in LNER Apple green. Upgraded to 3-pole motor flywheel (Railroad range) (Hor) (list £82.49) BARGAIN £55

R3244TTS Class 8 4-6-2 71000 "Duke Of Gloucester" in BR green late crest - TTS Sound (Hor) (list £139.95) BARGAIN £94

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R3244TTS Class 8 4-6-2 71000 "Duke Of Gloucester" in BR green late crest - TTS Sound (Hor) (list £139.95) BARGAIN £94

R3221 Class 8P 2-6-2 4023 "Duchess Of Sutherland" in BR green early crest & M1 support coach in BR maroon (Hor) £157.60

R3086 Class A1 "Flying Scotsman" in LNER Apple green. Upgraded to 3-pole motor flywheel (Railroad range) (Hor) (list £82.49) BARGAIN £55

R3244TTS Class 8 4-6-2 71000 "Duke Of Gloucester" in BR green late crest - TTS Sound (Hor) (list £139.95) BARGAIN £94

R3221 Class 8P 2-6-2 4023 "Duchess Of Sutherland" in BR green early crest & M1 support coach in BR maroon (Hor) £157.60

R3086 Class A1 "Flying Scotsman" in LNER Apple green. Upgraded to 3-pole motor flywheel (Railroad range) (Hor) (list £82.49) BARGAIN £55

R3244TTS Class 8 4-6-2 71000 "Duke Of Gloucester" in BR green late crest - TTS Sound (Hor) (list £139.95) BARGAIN £94

R3221 Class 8P 2-6-2 4023 "Duchess Of Sutherland" in BR green early crest & M1 support coach in BR maroon (Hor) £157.60

NEW

R2333 Class D153 4-4-0 8825 in LNER black (Hor) NEW £96

35-078 Class E4 Brighton tank 0-6-2 32500 in BR black late crest (Bac) (list £109.95) BARGAIN £80

35-077 Class E4 Brighton tank 0-6-2 32500 in BR black late crest (Bac) (list £109.95) BARGAIN £80

35-076 Class E4 Brighton tank 0-6-2 473 in Southern green (as preserved) (Bac) (list £109.95) BARGAIN £80

35-075 Class E4 Brighton tank 0-6-2 579 in LB & SCR amber (Bac) (list £109.95) BARGAIN £80

31-3200DC Class 111 Robinson R231 0-4-0 64425 BR black late crest. DCC Fitted (Bac) £93.48

R3242 Class K1 2-6-0 62015 in BR early crest (Hor) £120.50

32-154A Class N 2-6-0 31404 in BR lined black late crest - weathered (Bac) (list £134.95) BARGAIN £79

R3227 Class 01 2-6-0 30001 in BR black late crest (Hor) £121.60

31-0012 Class 04 2-6-0 Robinson R207 0-4-0 64425 BR black late crest - weathered. L11 Edition of 512 (Bac) (list £146.72) BARGAIN £119

32-154A Class N 2-6-0 31404 in BR lined black late crest - weathered (Bac) (list £134.95) BARGAIN £79

R3227 Class 01 2-6-0 30001 in BR black late crest (Hor) £121.60

31-0012 Class 04 2-6-0 Robinson R207 0-4-0 64425 BR black late crest - weathered. L11 Edition of 512 (Bac) (list £146.72) BARGAIN £119

R3246TTS Class P2 2-6-2 "Cock O' The North" in LNER green - TTS Sound (Hor) (list £154.99) BARGAIN £105

32-154A Class N 2-6-0 31404 in BR lined black late crest - weathered (Bac) (list £134.95) BARGAIN £79

R3227 Class 01 2-6-0 30001 in BR black late crest (Hor) £121.60

31-0012 Class 04 2-6-0 Robinson R207 0-4-0 64425 BR black late crest - weathered. L11 Edition of 512 (Bac) (list £146.72) BARGAIN £119

R3246TTS Class P2 2-6-2 "Cock O' The North" in LNER green - TTS Sound (Hor) (list £154.99) BARGAIN £105

32-154A Class N 2-6-0 31404 in BR lined black late crest - weathered (Bac) (list £134.95) BARGAIN £79

R3227 Class 01 2-6-0 30001 in BR black late crest (Hor) £121.60

31-0012 Class 04 2-6-0 Robinson R207 0-4-0 64425 BR black late crest - weathered. L11 Edition of 512 (Bac) (list £146.72) BARGAIN £119

R3246TTS Class P2 2-6-2 "Cock O' The North" in LNER green - TTS Sound (Hor) (list £154.99) BARGAIN £105

32-154A Class N 2-6-0 31404 in BR lined black late crest - weathered (Bac) (list £134.95) BARGAIN £79

R3227 Class 01 2-6-0 30001 in BR black late crest (Hor) £121.60

31-0012 Class 04 2-6-0 Robinson R207 0-4-0 64425 BR black late crest - weathered. L11 Edition of 512 (Bac) (list £146.72) BARGAIN £119

R3246TTS Class P2 2-6-2 "Cock O' The North" in LNER green - TTS Sound (Hor) (list £154.99) BARGAIN £105

32-154A Class N 2-6-0 31404 in BR lined black late crest - weathered (Bac) (list £134.95) BARGAIN £79

R3227 Class 01 2-6-0 30001 in BR black late crest (Hor) £121.60

32-260DC WD Austerity 2-8-0 90448 in BR black with late crest. DCC On Board (Bac) (list £152.95) BARGAIN £109

30-325 Ambassador Train Pack 401 Train Pack GWR (Gau) 7000 No 711 "City of Birmingham" in WWI livery. A 4 coaches in deep green & 6 x PWW livery (Bac) £140.29

25-2014 Inception OO Scale Steam Anniversary Set Class 50 "Juliana" & Class 47 "Eve" in modern livery (Bac) £212.48

R2669 Class 08 diesel shunter in BR red, 2 x open wagons and 1 x box van (Hor) (list £44.49) BARGAIN £29

30-575 The Railway Children Train Pack GWR (Gau) 57xx Fawcett in GWSR. 2 x (GWSR) Gaudin & Son's Old South Station Building (Bac) £114.71

30-525 The Shakespear Express Train Pack Hall Class 4065 "Rood Ashton Hall" in Great Western green, 2 x Pullman cars in amber & cream. BR Mk1 BSK coach in chocolate & cream & Stratford-Upon-Avon Open-top bus (Bac) £195.45

1000THAP - 10001 BR Brunswick green storage. Black & cream livery. Aug 1951 - Oct 1957. (Bac) (list £105) BARGAIN £94

R2893 Bagnall shunter in red - Railroad range (Hor) (list £29.99) BARGAIN £20

31-366 Class 03 0-6-0 diesel shunter (D2016 in BR livery) (Bac) £70.51

31-364 Class 03 0-6-0 diesel shunter (D2003 in BR livery) (Bac) £76.46

2503 Class 05 Hunslet shunter "Cider Queen" green wasp stripes (Industrial) (Hel) £100

2523 Class 05 Hunslet shunter "Departmental" BR green wasp stripes (Hel) £100

2500 Class 05 Hunslet shunter D2574 in BR green (Hel) £100

2501 Class 05 Hunslet shunter D2578 BR green wasp stripes (Industrial) (Hel) £100

2502 Class 05 Hunslet shunter D2581 in BR green wasp stripes (Hel) £100

2520 Class 05 Hunslet shunter D2582 in BR green wasp stripes (Hel) £100

2522 Class 05 Hunslet shunter D2595 in BR blue wasp stripes (preserved) (Hel) £100

2521 Class 05 Hunslet shunter D2600 BR green wasp stripes (Hel) £100

1600 Class 16 North British diesel D8400 BR green grey roof. Lid Ed of 750 pcs (Hel) (list £134.95) BARGAIN £72

1601 Class 16 North British diesel D8401 BR green grey roof. Lid Ed of 750 (general release) (Hel) (list £134.95) BARGAIN £72

1602 Class 16 North British diesel D8402 BR green grey roof. Lid Ed of 750 (general release) (Hel) (list £134.95) BARGAIN £72

1603 Class 16 North British diesel D8403 BR green grey roof. Lid Ed of 750 (general release) (Hel) (list £134.95) BARGAIN £72

1604 Class 16 North British diesel D8404 BR green grey roof. Lid Ed of 750 (general release) (Hel) (list £134.95) BARGAIN £72

1605 Class 16 North British diesel D8405 BR green grey roof. Lid Ed of 750 (general release) (Hel) (list £134.95) BARGAIN £72

1606 Class 16 North British diesel D8406 BR green grey roof. Lid Ed of 750 (general release) (Hel) (list £134.95) BARGAIN £72

1607 Class 16 North British diesel D8407 BR green grey roof. Lid Ed of 750 (general release) (Hel) (list £134.95) BARGAIN £72

1608 Class 16 North British diesel D8408 BR green grey roof. Lid Ed of 750 (general release) (Hel) (list £134.95) BARGAIN £72

1609 Class 16 North British diesel D8409 BR green grey roof. Lid Ed of 750 (general release) (Hel) (list £134.95) BARGAIN £72

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32-044 Class 20 D6028 in BR green indicator discs & tablet catcher (Bac) £93.46



32-045 Class 20 diesel 2018 'Saltburn-by-the-Sea' in BR Railfreight red stripe (Bac) £93.46



4D-012-003 Class 22 B-B Diesel Hydraulic D6311 in BR green small yellow panels & disc headcode box (Dap) £103



2320 Class 23 Baby Deltic D5900 green headcode discs and frost grilles - gloss (Hel) (list £129.95) BARGAIN £59



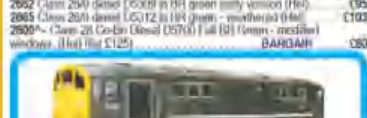
2321 Class 23 Baby Deltic D5901 green headcode discs and frost grilles (Hel) (list £129.95) BARGAIN £59



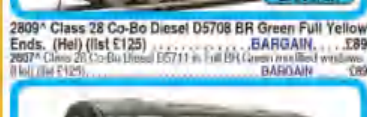
2322 Class 23 Baby Deltic D5905 green headcode discs and no frost grilles (Hel) (list £129.95) BARGAIN £59



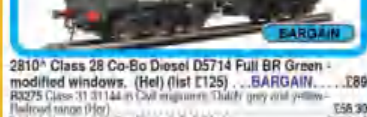
2308* Class 23 Baby Deltic diesel D5900 in BR Green large yellow ends (Hel) (list £119.95) BARGAIN £72



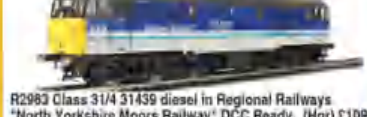
2664 Class 26A diesel D6002 in BR green small yellow panels (Hel) £95



2662 Class 26A diesel D6009 in BR green small yellow panels (Hel) £95



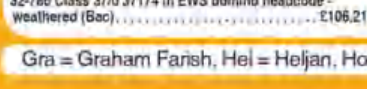
2809* Class 28 Co-Bo Diesel D5708 BR Green Full Yellow Ends (Hel) (list £125) BARGAIN £89



R3275 Class 31 31144 in DCC requires Shalby grey and yellow (Railroad range) (Hor) £38.30



R3244 Class 31 31205 in Network Rail (Hor) £150.23



R2983 Class 31/4 31439 diesel in Regional Railways 'North Yorkshire Moors Railway' DCC Ready (Hor) £109



32-784 Class 37/0 37242 in Mainline blue centre headcodes - weathered (Bac) £106.21



32-785DS Class 37/0 37254 in BR Departmental Civil Link Dutch - weathered, DCC Sound (Bac) £203.86



R3262 Class 42 Warship DHP3 'Thriller' in BR Railfreight red stripe yellow panels - Railfreight range (Hor) £50.90



32-067 Class 43 North British (NBL) Warship 842 'Royal Oak' in BR blue. New tooling (Bac) £118.96



32-085 Class 43 North British (NBL) Warship D635 'Pegasus' in BR green small yellow panel. New tooling (Bac) £118.96



32-085 Class 43 North British (NBL) Warship D665 'Zealot' in BR maroon small yellow panel. New tooling (Bac) £118.96



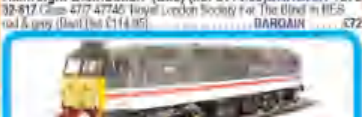
32-680 Class 45 45038 in BR blue split centre headcode (Bac) NEW £101.96



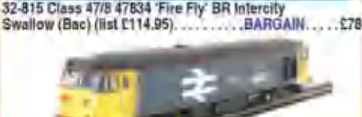
32-681 Class 45 D108 in BR green split centre headcode - weathered (Bac) NEW £110.46



31-858DC Class 47/0 D1677 'Thor' in BR green full yellow ends, DCC On Board (Bac) £106.21



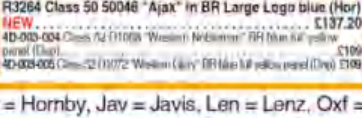
32-816 Class 47/3 47365 'Diamond Jubilee' in BR Railfreight Distribution (Bac) (list £114.95) BARGAIN £72



32-817 Class 47/3 47345 'Tempt London Society' in BR blue & grey (Bac) (list £114.95) BARGAIN £72



32-815 Class 47/8 47834 'Fire Fly' BR Intercity Swallow (Bac) (list £114.95) BARGAIN £78



R3263 Class 50 50024 'Vanguard' in BR Large Logo blue (Hor) £137.20



32-529B Class 55 Deltic D6011 in BR two-tone green, Weathered (advertised earlier as 'pristine') (Bac) £93.46



R2879 Class 55 Deltic diesel 55001 'St Paddy' in BR blue (Hor) (list £52.49) BARGAIN £43



R3291XS Class 55/50104 in (Value Rail - Score) (Hor) £229.90



32-762DS Class 57/3 57312 'The Hood' in Virgin Trains - weathered, DCC Sound (Bac) £203.96



5825 Class 59 59008 Mariner Blue (Avery) (Hor) £125



R3272 Class 67 67006 Royal Sovereign (Hor) (list £138.99) BARGAIN £110



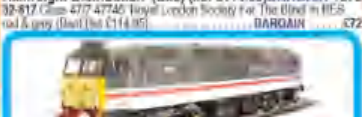
31-995 Class 67/1 MS 10000 BR Brunswick green lined orange & black (Hor) £129.62



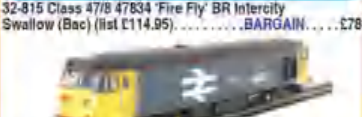
31-996 Class 67/1 MS 10000 BR Brunswick green lined orange & black (Hor) £101.96



4010- English Electric DP2 prototype in BR Brunswick green (as per 1962 to May 1965) (Hel) (list £129.95) BARGAIN £75



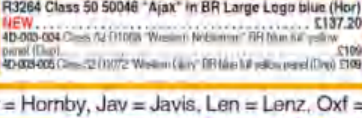
4011- English Electric DP2 prototype in BR two-tone green (as per 1965 until withdrawal in 1967) (Hel) (list £129.95) BARGAIN £70



R3353 Sentinel 4wDH in Balfour Beatty (Hor) £51.84



31-676 Class 85 (ALS) Bo-Bo Electric E3085 in BR blue single pantograph (Bac) (list £112.40) BARGAIN £86



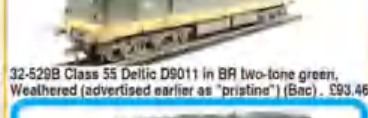
31-677 Class 85 (ALS) Bo-Bo Electric E3086 in BR blue single pantograph (Bac) (list £112.40) BARGAIN £78

4D-009-007 Class 52 diesel D1012 'Western Flycatcher' in BR maroon (small yellow panels) (Dap) £119

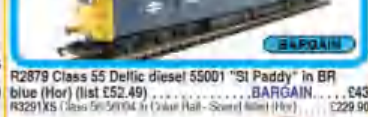
4D-003-011 Class 52 diesel loco D1002 'Western Explorer' in BR maroon (small yellow panels) (Dap) £109



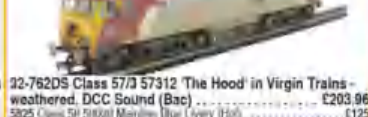
32-532 Class 55 55007 'PINZA' in BR blue Finsbury Park white cab windows - weathered (Bac) £113.01



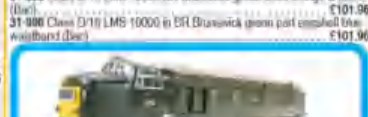
32-529B Class 55 Deltic D6011 in BR two-tone green, Weathered (advertised earlier as 'pristine') (Bac) £93.46



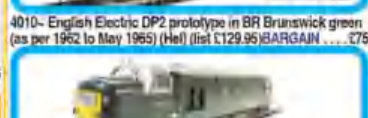
R2879 Class 55 Deltic diesel 55001 'St Paddy' in BR blue (Hor) (list £52.49) BARGAIN £43



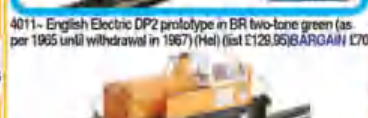
32-762DS Class 57/3 57312 'The Hood' in Virgin Trains - weathered, DCC Sound (Bac) £203.96



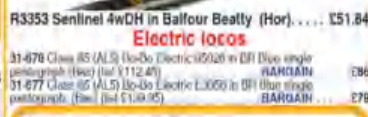
5825 Class 59 59008 Mariner Blue (Avery) (Hor) £125



R3272 Class 67 67006 Royal Sovereign (Hor) (list £138.99) BARGAIN £110



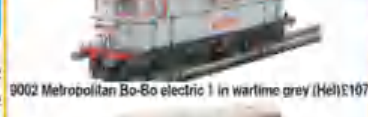
31-995 Class 67/1 MS 10000 BR Brunswick green lined orange & black (Hor) £129.62



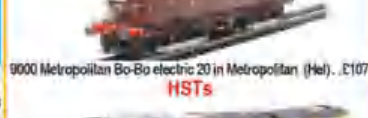
31-996 Class 67/1 MS 10000 BR Brunswick green lined orange & black (Hor) £101.96



4010- English Electric DP2 prototype in BR Brunswick green (as per 1962 to May 1965) (Hel) (list £129.95) BARGAIN £75



4011- English Electric DP2 prototype in BR two-tone green (as per 1965 until withdrawal in 1967) (Hel) (list £129.95) BARGAIN £70



R3353 Sentinel 4wDH in Balfour Beatty (Hor) £51.84



31-676 Class 85 (ALS) Bo-Bo Electric E3085 in BR blue single pantograph (Bac) (list £112.40) BARGAIN £86



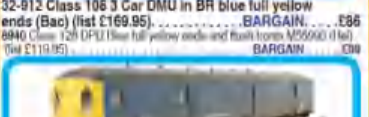
31-677 Class 85 (ALS) Bo-Bo Electric E3086 in BR blue single pantograph (Bac) (list £112.40) BARGAIN £78



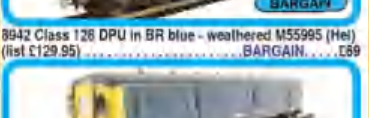
32-906 Class 106 2 Car DMU in BR green half yellow ends (Bac) (list £129.95) BARGAIN £72.50



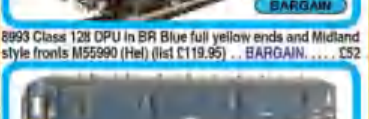
32-905 Class 106 2-car DMU in BR blue & grey half yellow ends (Bac) (list £119.95) BARGAIN £72.50



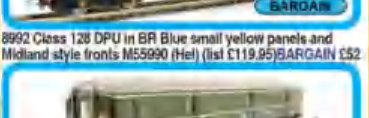
32-812 Class 106 3 Car DMU in BR blue full yellow ends (Bac) (list £169.95) BARGAIN £86



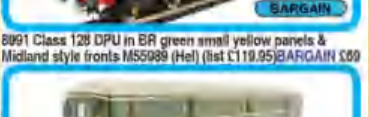
8942 Class 128 DPU in BR blue - weathered M55995 (Hel) (list £129.95) BARGAIN £39



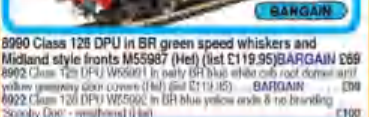
8993 Class 128 DPU in BR Blue full yellow ends and Midland style fronts M55990 (Hel) (list £119.95) BARGAIN £52



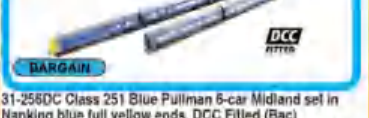
8992 Class 128 DPU in BR Blue small yellow panels and Midland style fronts M55990 (Hel) (list £119.95) BARGAIN £52



8991 Class 128 DPU in BR green small yellow panels & Midland style fronts M55989 (Hel) (list £119.95) BARGAIN £59



8990 Class 128 DPU in BR green speed whiskers and Midland style fronts M55987 (Hel) (list £119.95) BARGAIN £59



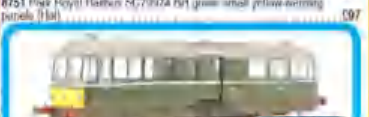
8992 Class 128 DPU in BR blue small yellow panels and yellow greenway door covers (Hel) (list £119.95) BARGAIN £39



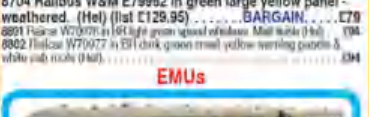
8992 Class 128 DPU in BR blue small yellow panels and yellow greenway door covers (Hel) (list £119.95) BARGAIN £39



31-258DC Class 251 Blue Pullman 6-car Midland set in Nanking blue full yellow ends, DCC Fitted (Bac) (list £249.95) BARGAIN £290



32-516A Deltic Lightfoot 12-Car DMU in BR green speed whiskers (Bac) (list £129.95) BARGAIN £129.95



8752 Park Royal Railbus M79671 in BR green speed whiskers (Hor) £97



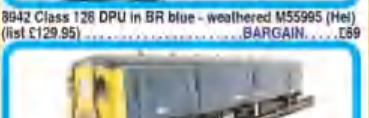
8753 Park Royal Railbus M79672 in BR green small yellow panels (Hel) £97



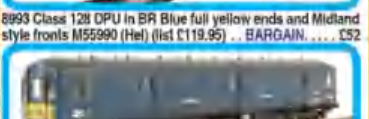
8754 Park Royal Railbus M79673 in BR green small yellow panels (Hel) £97



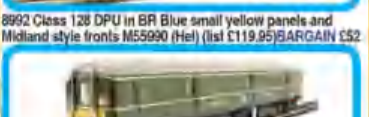
8755 Park Royal Railbus M79674 in BR green small yellow panels (Hel) £97



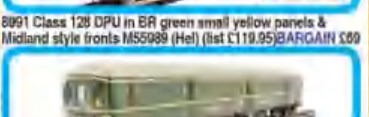
8756 Park Royal Railbus M79675 in BR green small yellow panels (Hel) £97



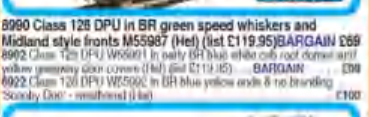
8757 Park Royal Railbus M79676 in BR green small yellow panels (Hel) £97



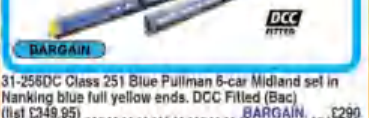
8758 Park Royal Railbus M79677 in BR green small yellow panels (Hel) £97



8759 Park Royal Railbus M79678 in BR green small yellow panels (Hel) £97



8760 Park Royal Railbus M79679 in BR green small yellow panels (Hel) £97



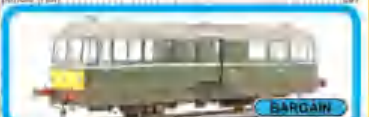
8761 Park Royal Railbus M79680 in BR green small yellow panels (Hel) £97



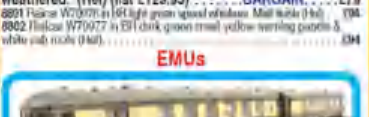
8762 Park Royal Railbus M79681 in BR green small yellow panels (Hel) £97



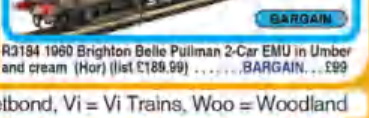
8763 Park Royal Railbus M79682 in BR green small yellow panels (Hel) £97



8764 Park Royal Railbus M79683 in BR green small yellow panels (Hel) £97



8765 Park Royal Railbus M79684 in BR green small yellow panels (Hel) £97



8766 Park Royal Railbus M79685 in BR green small yellow panels (Hel) £97

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Train sets - analogue



R3290 Class 2-HAL 2 car EMU in BR green small yellow ends (Hor) (list £130.25) BARGAIN £96



31-030' Class 350/1 Desiro 4 Car EMU 350 111 'Apollo' in Silver Link (unbranded) (Bac) (list £189.95) BARGAIN £99



31-032 Class 350/1 Desiro 4-Car EMU 350 102 in London Midland (Bac) (list £189.95) BARGAIN £116



31-031 Class 350/2 Desiro 4 Car EMU 350 238 in London Midland (Bac) (list £189.95) BARGAIN £118
R3215 Class 373 Electric 4-car EMU in BR blue (Hor) £157.40



R3185 Class 395 Javelin 4 car EMU 'Sir Chris Hoy' in Southeastern (Hor) BARGAIN £132
R3259 Class 401 2-BL 2 car EMU in BR blue - As previously at the RMW (Hor) (list £124.85) BARGAIN £74



R3161B Class 401 2-BL 2 car EMU in BR green (Hor) (list £130.25) BARGAIN £89



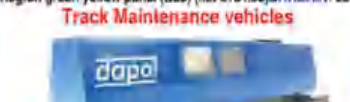
31-375 Class 416 2-car EPB EMU in BR blue (Bac) (list £124.95) BARGAIN £72



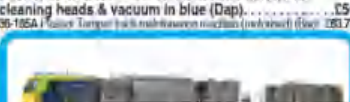
31-267 Class 419 Motor Luggage Van (MLV) in BR blue & grey (Bac) (list £104.95) BARGAIN £64
31-265 Class 419 Motor Luggage Van (MLV) in BR Southern Region green (Bac) (list £104.95) BARGAIN £64



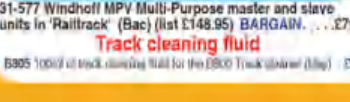
31-266 Class 419 Motor Luggage Van (MLV) in BR Southern Region green yellow panel (Bac) (list £104.95) BARGAIN £64



B800 Non-motorised OO Track Cleaner motorised cleaning heads & vacuum in blue (Dap) £56
35-105A 'Police' Transport train with two motorised coaches (motorised) (Bac) £80.71



31-577 Windhoff MPV Multi-Purpose master and slave units in 'Railtrack' (Bac) (list £148.95) BARGAIN £79



B305 1000l of track cleaning fluid for the B300 Track cleaner (Bac) £7



R1174 Breakdown Hauler Train Set 0-4-0 loco, Breakdown Crane and Support Van (Hor) (list £118.99) BARGAIN £59



R1176 Eurostar 2013 Train Set (Hor) £140



R1171 Flight Of The Mallard train set LNER Class A4 4-6-2 'Mallard' steam loco & 3 teak coaches (Hor) (list £149.99) BARGAIN £109



R1158 GWR Passenger Freight train set GWR Class 101 0-4-0 steam loco, 2 passenger & 4 mixed coaches (Bac) £77
R1153 Midland 1st Class Locomotive (Hor) £159.99
30-190 Fluid Controller set Class 105-2 car TMU BR green small yellow panels (Hor) £91.99



30-105 The Midland Marvel Midland 3F 3522 in LMS 'brake van in LMS grey & 2 x 8-plank wagons (Bac) £110.46
30-080 The Western Wagoner, Class 575s Pioneer 3550 to GWR's electrification (green set) GWR Locomotive van & shunters made in GWR's (Hor) £34.96

Train sets - DCC



R1173 4-Line DCC Western Wagoner train set GWR Class 2221 steam loco & 3 wagons (Hor) £126

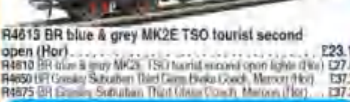


30-048 Highland Tourer Digital Sound Set Class 37/4 37418 in BR blue and MK2 TSO & BSO coaches in Far North green & cream (Bac) £255

Coaches



4P-010-008 1st/3rd Standard New Coach (Bac) BR Composite Mk2550 (Hor) £13.50
NEW
00600 57' 1st Standard Non-Corridor Brake BR Composite Mk2550 1st (Hor) NEW £3
4P-010-037 57' 1st Standard Non-Corridor Coach BR Composite Mk2550 (Hor) NEW £3
00600 67' 1st Standard Non-Corridor Coach BR Composite Mk2550 1st (Hor) NEW £3



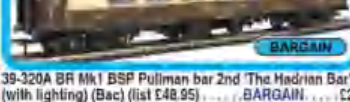
R4619 BR blue & grey MK2E TSO tourist second open (Hor) £23.10
R4610 BR blue & grey MK2E TSO tourist second open (Hor) £27.80
R4650 BR Green Suburban Third Class Coach (Hor) £37.27
R4651 BR Green Suburban Third Class Coach (Hor) £37.27



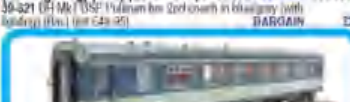
R4619 BR Maroon Mk1 BG full brake/parcels coach (Hor) (list £24.99) BARGAIN £19
R4621 BR Maroon Mk1 TSO tourist second open (Hor) (list £24.99) BARGAIN £19
30-229C BR Mk1 BSR Bunker Composite On-ride (WV) Chatterbox (Bac) £25.11
30-229E BR Mk1 BSR Bunker Composite On-ride (WV) Chatterbox (Bac) £33.90



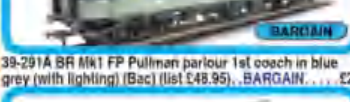
R4619 BR Maroon Mk1 BG full brake/parcels coach (Hor) (list £24.99) BARGAIN £19
R4621 BR Maroon Mk1 TSO tourist second open (Hor) (list £24.99) BARGAIN £19
30-229C BR Mk1 BSR Bunker Composite On-ride (WV) Chatterbox (Bac) £25.11
30-229E BR Mk1 BSR Bunker Composite On-ride (WV) Chatterbox (Bac) £33.90



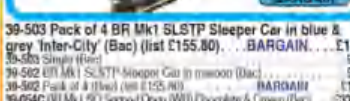
39-320A BR Mk1 BSP Pullman bar 2nd 'The Madrian Bar' (with lighting) (Bac) (list £48.95) BARGAIN £26
39-321 BR Mk1 BSP Pullman bar 2nd coach in blue/grey (with lighting) (Bac) (list £48.95) BARGAIN £24



39-291A BR Mk1 FP Pullman parlour 1st coach in blue grey (with lighting) (Bac) (list £48.95) BARGAIN £24



39-274A Pack of 4 BR Mk1 GUV InterCity Motorail Blue & Grey - Weathered - NKA E3736 (Bac) (list £158.80) BARGAIN £80



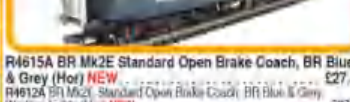
39-503 Pack of 4 BR Mk1 SLSTP Sleeper Car in blue & grey Inter-City (Bac) (list £155.80) BARGAIN £122
39-503 Single (Hor) £33
39-502 BR Mk1 SLSTP Sleeper Car in maroon (Bac) £33
39-502 Pack of 4 (Hor) (list £155.80) BARGAIN £120
39-054C BR Mk1 50' Second Open (WV) Chocolate & Cream (Bac) £30.11
39-211A BR Mk1 50' Yellow Second Open (WV) Chocolate & Cream (Bac) £30.11
39-500 Pack of 4 (Bac) (list £171.80) BARGAIN £26



39-200C BR Mk1 Super BG Full Brake RES - Weathered (Bac) (list £39.95) BARGAIN £16
R4617A BR Mk2E First Class Coach (Hor) NEW £23.14
R4618A BR Mk2E First Class Coach (Hor) NEW £27.77
R4619A BR Mk2E First Class Coach (Hor) NEW £27.77
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R4700A BR Mk2E First Class Coach (Hor) NEW £27.77



R4615A BR Mk2E Standard Open Brake Coach, BR Blue & Grey (Hor) NEW £27.77
R4616A BR Mk2E Standard Open Brake Coach, BR Blue & Grey (Hor) NEW £27.77
R4617A BR Mk2E Standard Open Brake Coach, BR Blue & Grey (Hor) NEW £27.77
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Prices valid until 10/12/15

Orders received after this date for products that have increased in price will be given a refund

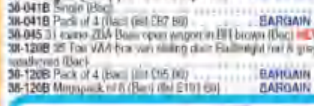
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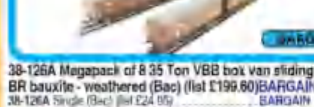
38-044 31 tonne OBA open wagon in BR Railfreight brown (Bac) NEW £18.66



38-041B Megapack of 5 31 Tonne OBA open wagon in Railfreight (Bac) (list £175.60) BARGAIN £116



38-041B Single (Bac) (list £175.60) BARGAIN £116



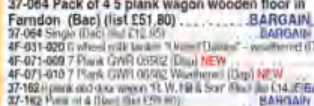
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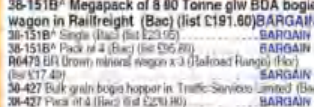
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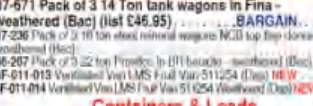
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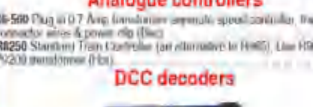
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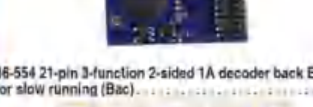
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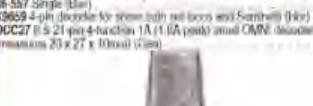
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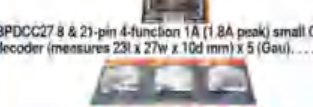
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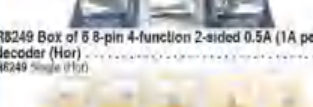
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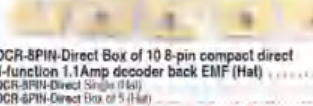
38-041B Single (Bac) (list £175.60) BARGAIN £116



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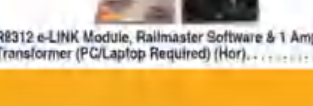
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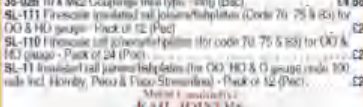
38-500 EZ Command DCC controller - boxed (Bac) £76.46



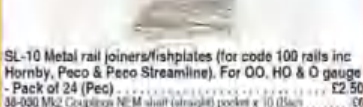
38-504 EZ Command Dynamis Ultima DCC system (Bac) £250.71



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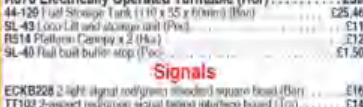
38-504 EZ Command Dynamis Ultima DCC system (Bac) £250.71



38-504 EZ Command Dynamis Ultima DCC system (Bac) £250.71



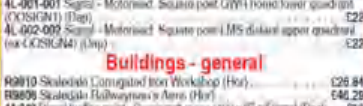
38-504 EZ Command Dynamis Ultima DCC system (Bac) £250.71



38-504 EZ Command Dynamis Ultima DCC system (Bac) £250.71



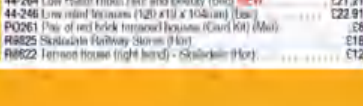
38-504 EZ Command Dynamis Ultima DCC system (Bac) £250.71



38-504 EZ Command Dynamis Ultima DCC system (Bac) £250.71



38-504 EZ Command Dynamis Ultima DCC system (Bac) £250.71



38-504 EZ Command Dynamis Ultima DCC system (Bac) £250.71

Man-made scenic structure - non-railway

LK-45 14x18x18mm 1/100 scale (42x18x18mm) (Pac) £3



44-016 Fuel Storage Tanks (Bac) £33.96



44-016 Fuel Storage Tanks (Bac) £33.96



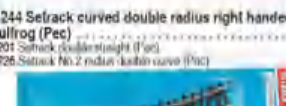
44-016 Fuel Storage Tanks (Bac) £33.96



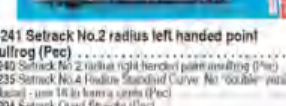
44-016 Fuel Storage Tanks (Bac) £33.96



44-016 Fuel Storage Tanks (Bac) £33.96



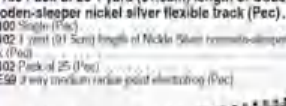
44-016 Fuel Storage Tanks (Bac) £33.96



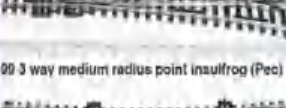
44-016 Fuel Storage Tanks (Bac) £33.96



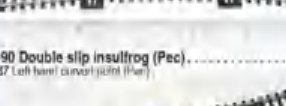
44-016 Fuel Storage Tanks (Bac) £33.96



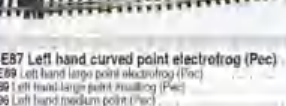
44-016 Fuel Storage Tanks (Bac) £33.96



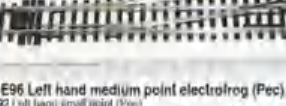
44-016 Fuel Storage Tanks (Bac) £33.96



44-016 Fuel Storage Tanks (Bac) £33.96



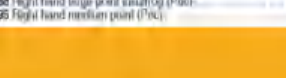
44-016 Fuel Storage Tanks (Bac) £33.96



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44-016 Fuel Storage Tanks (Bac) £33.96

Want it DCC fitted?

www.ehattons.com/dccfitting

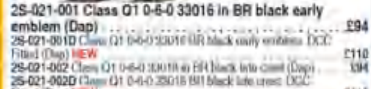
for more details



372-930 Class N 2-6-0 868 in SR Olive green (Gra) £106.21



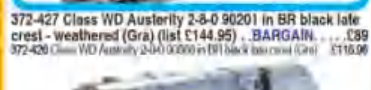
25-021-001 Class Q1 0-6-0 33016 in BR black early emblem (Dap) £94



25-021-002 Class Q1 0-6-0 33018 in BR black late crest (Dap) £94



25-021-003 Class Q1 0-6-0 33019 in BR black late crest (Dap) £94



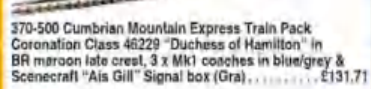
372-427 Class WD Austerity 2-6-0 90201 in BR black late crest - weathered (Gra) £89



372-428 Class WD Austerity 2-6-0 90202 in BR black late crest (Gra) £106.96



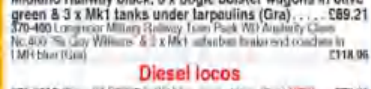
372-166 Princess Coronation Class 4-6-2 46226 'Duchess of Norfolk' in BR Express Passenger blue early emblem (Gra) £127.46



370-500 Cumbrian Mountain Express Train Pack Coronation Class 46229 'Duchess of Hamilton' in BR maroon late crest, 3 x Mk1 coaches in blue/grey & Scenecraft 'Ais Gill' Signal box (Gra) £131.71



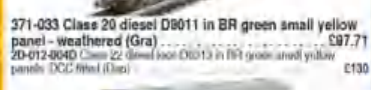
370-300 Landship Train Train Pack Class 4F 3848 in Midland Railway black, 3 x bogie bolster wagons in olive green & 3 x Mk1 tanks under tarpaulins (Gra) £89.21



370-400 Longcross Military Railway Train Pack No. 100 Austerity Class No. 400 'The Day Wilkes' & 3 x Mk1 suburban brake and coaches (Mk1 blue) (Gra) £118.96



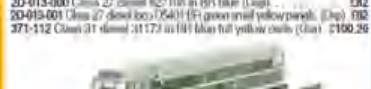
371-051C Class 04 D2205 in BR blue along with 101 (Gra) £72.21



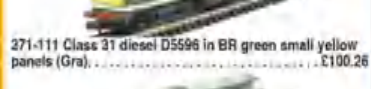
371-019 Class 05 diesel 00097 in FWS - weathered (Gra) £76.46



371-019-001 Class 05 diesel 00097 in FWS - weathered (Gra) £76.46



371-019-002 Class 05 diesel 00097 in FWS - weathered (Gra) £76.46



371-019-003 Class 05 diesel 00097 in FWS - weathered (Gra) £76.46



371-019-004 Class 05 diesel 00097 in FWS - weathered (Gra) £76.46



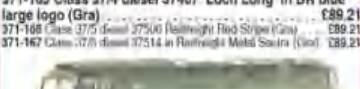
371-019-005 Class 05 diesel 00097 in FWS - weathered (Gra) £76.46



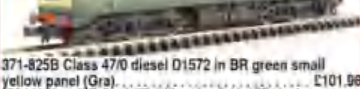
371-019-006 Class 05 diesel 00097 in FWS - weathered (Gra) £76.46



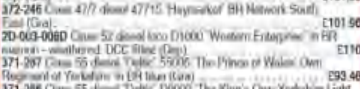
371-165 Class 37/4 diesel 37407 'Loch Long' in BR blue large logo (Gra) £89.21



371-166 Class 37/5 diesel 37500 'Ratcliffe Red Stripe' (Gra) £89.21



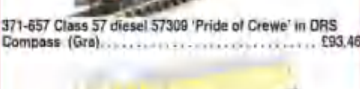
371-167 Class 37/6 diesel 37514 in Ratcliffe Red Stripe (Gra) £89.21



371-825B Class 47/0 diesel D1572 in BR green small yellow panel (Gra) £101.96



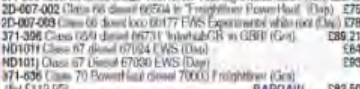
372-244 Class 47/0 diesel 47711 'Glynnhobby' BR blue large logo (Gra) £101.96



371-246 Class 47/0 diesel 47715 'Heynckhof' BR Network South East (Gra) £101.96



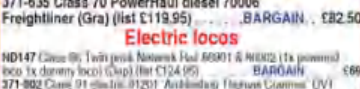
371-247 Class 47/0 diesel 47715 'Heynckhof' BR Network South East (Gra) £101.96



371-248 Class 47/0 diesel 47715 'Heynckhof' BR Network South East (Gra) £101.96



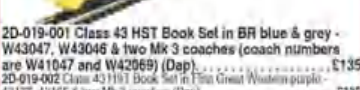
371-249 Class 47/0 diesel 47715 'Heynckhof' BR Network South East (Gra) £101.96



371-250 Class 47/0 diesel 47715 'Heynckhof' BR Network South East (Gra) £101.96



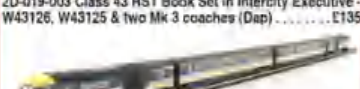
371-251 Class 47/0 diesel 47715 'Heynckhof' BR Network South East (Gra) £101.96



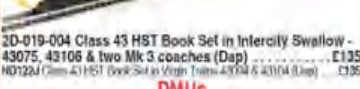
371-252 Class 47/0 diesel 47715 'Heynckhof' BR Network South East (Gra) £101.96



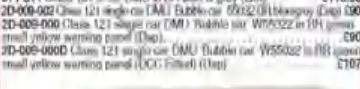
371-253 Class 47/0 diesel 47715 'Heynckhof' BR Network South East (Gra) £101.96



371-254 Class 47/0 diesel 47715 'Heynckhof' BR Network South East (Gra) £101.96



371-255 Class 47/0 diesel 47715 'Heynckhof' BR Network South East (Gra) £101.96



371-256 Class 47/0 diesel 47715 'Heynckhof' BR Network South East (Gra) £101.96



371-257 Class 47/0 diesel 47715 'Heynckhof' BR Network South East (Gra) £101.96



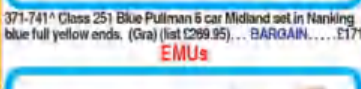
371-258 Class 47/0 diesel 47715 'Heynckhof' BR Network South East (Gra) £101.96



371-558 Class 158 2 Car DMU 158871 ScotRail (Gra) £144.95



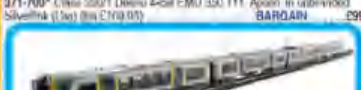
371-433 Class 170/4 3 Car DMU 170434 in First ScotRail (Gra) £164.95



371-741 Class 251 Blue Pullman 6 car Midland set in Nanking blue light yellow ends (Gra) £269.95



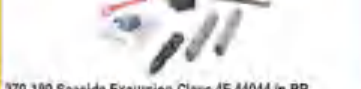
371-702 Class 350/1 Desiro 4 Car EMU 350 101 in London Midland (Gra) £169.95



371-700 Class 350/1 Desiro 4 Car EMU 350 111 in London Midland (Gra) £169.95



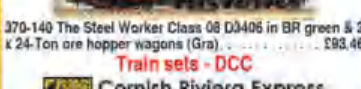
371-701 Class 350/2 Desiro 4 Car EMU 350 238 in London Midland (Gra) £169.95



370-180 Seaside Excursion Class 4F 44044 in BR black late crest and BR Mk1 BCK & SO coaches in maroon (Gra) £110.46



370-140 The Steel Worker Class 08 D3406 in BR green & 2 x 2-Ton ore hopper wagons (Gra) £93.46



370-070 Cornish Riviera Class 42 D829 in BR green and BR Mk1 BCK & SO coaches in chocolate & cream (Gra) £157.21



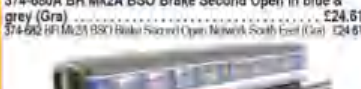
374-124 BR Mk1 02V Blue Maroon (Gra) £24.61



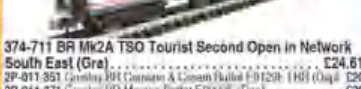
374-125 BR Mk1 02V Blue Maroon (Gra) £24.61



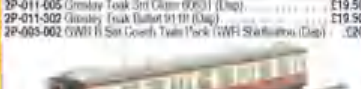
374-880A BR Mk2A BSO Brake Second Open in blue & grey (Gra) £24.61



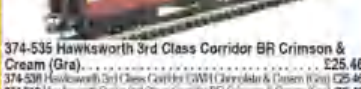
374-881 BR Mk2A BSO Brake Second Open in blue & grey (Gra) £24.61



374-711 BR Mk2A TSO Tourist Second Open in Network South East (Gra) £24.61



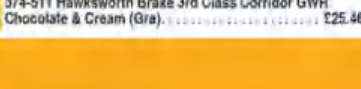
374-535 Hawksworth 3rd Class Corridor BR Crimson & Cream (Gra) £25.46



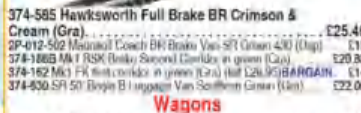
374-536 Hawksworth 3rd Class Corridor BR Crimson & Cream (Gra) £25.46



374-537 Hawksworth 3rd Class Corridor BR Crimson & Cream (Gra) £25.46



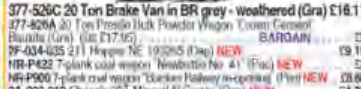
374-538 Hawksworth 3rd Class Corridor BR Crimson & Cream (Gra) £25.46



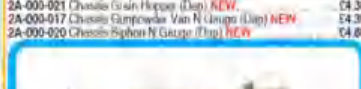
374-580 Hawksworth Corridor 1st/2nd Composite BR Crimson & Cream (Gra) £25.46



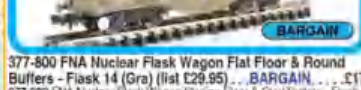
374-581 Hawksworth Corridor 1st/2nd Composite BR Crimson & Cream (Gra) £25.46



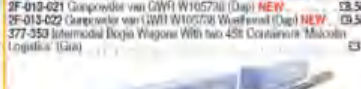
374-582 Hawksworth Corridor 1st/2nd Composite BR Crimson & Cream (Gra) £25.46



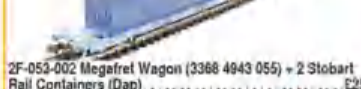
374-583 Hawksworth Corridor 1st/2nd Composite BR Crimson & Cream (Gra) £25.46



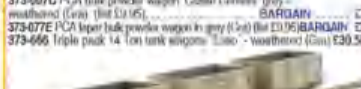
374-584 Hawksworth Corridor 1st/2nd Composite BR Crimson & Cream (Gra) £25.46



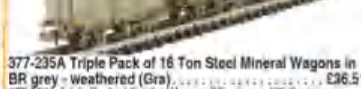
374-585 Hawksworth Corridor 1st/2nd Composite BR Crimson & Cream (Gra) £25.46



374-586 Hawksworth Corridor 1st/2nd Composite BR Crimson & Cream (Gra) £25.46



374-587 Hawksworth Corridor 1st/2nd Composite BR Crimson & Cream (Gra) £25.46



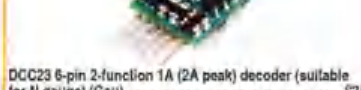
374-588 Hawksworth Corridor 1st/2nd Composite BR Crimson & Cream (Gra) £25.46



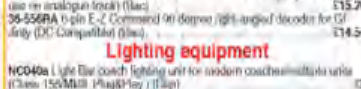
374-589 Hawksworth Corridor 1st/2nd Composite BR Crimson & Cream (Gra) £25.46



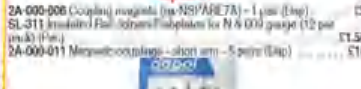
374-590 Hawksworth Corridor 1st/2nd Composite BR Crimson & Cream (Gra) £25.46



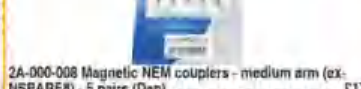
374-591 Hawksworth Corridor 1st/2nd Composite BR Crimson & Cream (Gra) £25.46



374-592 Hawksworth Corridor 1st/2nd Composite BR Crimson & Cream (Gra) £25.46



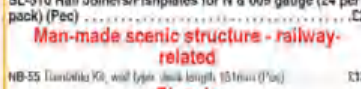
374-593 Hawksworth Corridor 1st/2nd Composite BR Crimson & Cream (Gra) £25.46



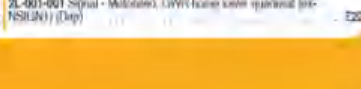
374-594 Hawksworth Corridor 1st/2nd Composite BR Crimson & Cream (Gra) £25.46



374-595 Hawksworth Corridor 1st/2nd Composite BR Crimson & Cream (Gra) £25.46



374-596 Hawksworth Corridor 1st/2nd Composite BR Crimson & Cream (Gra) £25.46



374-597 Hawksworth Corridor 1st/2nd Composite BR Crimson & Cream (Gra) £25.46

Visit

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for new releases

2L024001 Signal - Mainline (LMS) (upper quadrant) (see 2L024001) £22

Buildings - general

42-077 Gasworks (Lancashire) (10' x 51' x 51mm) (Gau) £21.21
 PH183 Road Factory in garage (Main) NEW £9
 PH182 Warehouse (can be built as full or low roof) (N Gauge) (Main) NEW £9

Bridges, Tunnels & Walls

PH145 Rock Retaining Wall (N Gauge) (Main) £9
 PH144 Retaining Wall (Gauge) (Main) £7.50

Track - Code 80 Setrack



ST-11 Double straight track (Pec) £1.50
 ST-18 N Setrack No. 4 radius double curve (Pec) £2.50
 ST-17 N Setrack No. 1 radius double curve (Pec) £1.50
 204.5mm x 11.75' radius (Pec) £1.50
 ST-12 N Setrack No. 1 radius double curve (Pec) £1.50
 ST-15 No. 2 radius double curve (Pec) £1.50
 ST-4 Setrack left hand point insulating (Pec) £3.50



ST-5 Setrack right hand point insulating (Pec) £6.50
 ST-4 Standard straight track (Pec) £1.30
 ST-300 Straight Track Set (Pec) £4
 ST-450 Straight Track 175mm (Gau) £10
 ST-450 Pack of 12 (Gau) £10

Track - Code 80 Streamline

SL-302 1 yard (91.5cm) length of Concrete Sleeper Nickel Silver Flexible track (Pec) £1
 SL-302 Pack of 25 (Pec) £24



SL-300 Pack of 25 1 yard (91.5cm) length of Wooden Sleeper Nickel Silver Flexible track (Pec) £64
 SL-300 Single (Pec) £1
 SL-389 Left hand large point electrofrog (Pec) £10
 SL-389 Right hand large point electrofrog (Pec) £10



SL-E396 Left hand medium point electrofrog (Pec) £9
 SL-E398 Right hand large point electrofrog (Pec) £10
 SL-E395 Right hand medium point electrofrog (Pec) £10

Track - Code 55 Finescale Streamline



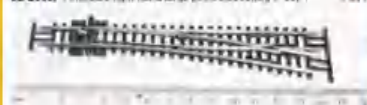
SL-300F Pack of 30 1 yard (91.5cm) length of Finescale Nickel Silver Flexible Wooden Sleeper track (Pec) £84
 SL-300F Single (Pec) £1



SL-E399F 3-way finescale turnout (Pec) £26
 SL-E397F Finescale curved double track left hand point electrofrog (Pec) £11
 SL-E396F Finescale curved double track right hand point electrofrog (Pec) £11



SL-E390F Finescale double slip electrofrog (Pec) £35
 SL-E391F Finescale left hand large point electrofrog (Pec) £11
 SL-E392F Finescale left hand medium point electrofrog (Pec) £10
 SL-E393F Finescale left hand small point electrofrog (Pec) £9
 SL-E394F 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-E393F Finescale right hand medium point electrofrog (Pec) £10
 SL-E394F Finescale right hand large point electrofrog (Pec) £11

Track & Points

ST-450 Left Hand Standard Point (Gau) £7
 ST-45 Setrack N Gauge Curved Turnout (LH) (Pec) £14

Cars



NMN004 Mini Black and Wicker (Oxf) NEW £3.95

Commercial vehicles

NEW



HCA002 Bedford CA Lark Cream White (Oxf) £4

Military ground vehicles

NHMD001 Bedford MWD Royal Engineers (Oxf) £4

Public Service vehicles

HSFE002 Scania Pump Ladder West Sussex F & R (Oxf) £6

HO Gauge (1:87 Scale)

Cars

87LC56002 1956 Continental Mk1 Amethyst/Dubbo (Oxf) NEW £5
 87H56006 1956 Ford Thunderbolt Power Black & Chrome White (Oxf) NEW £4.95



1:72 Scale

Cars

713PHD011 Land Rover 2 piece set (Oxf) NEW £8

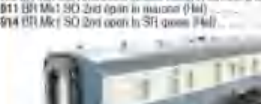
O Gauge (1:43 Scale)

DMUs

8890 AC Cars Railbus V70/2070 in BR light green speed reference (Haf) £400

Coaches

4600 BR Mk1 DGR brake and control coach in orange & cream (Haf) £250
 4611 BR Mk1 DGR 2nd class in maroon (Haf) £250
 4614 BR Mk1 DGR 2nd class in BR green (Haf) £250



4952 Mk1 BG full brake in BR blue and grey (Haf) £250

Wagons

1650 10000 GAA in BR blue - early (Haf) £63
 1611 30000 VAA ending door van in BR blue - late (Haf) £63
 7F-100-004 SP 251 Puller Brake van 55000 in BR blue & grey (Haf) £63
 7F-100-003 SH 251 Puller Brake van 55000 in BR grey right hand (Haf) £63

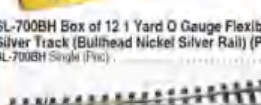
Accessories

7A-000-008 3 Link Couplings and Hooks 5 Pairs (Oxf) NEW £16
 7A-000-004 Screw Link Couplings & Hooks 5 Pairs (Oxf) NEW £17
 7A-000-007 Wheel spokes x 2 each (Oxf) NEW £7

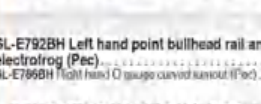
Track - Code 124 Bullhead Streamline



SL-700BH Box of 12 1 Yard O Gauge Flexible Nickel Silver Track (Bullhead Nickel Silver Rail) (Pec) £73
 SL-700BH Single (Pec) £9.50



SL-E792BH Left hand point bullhead rail and electrofrog (Pec) £39
 SL-E796BH Right hand O gauge curved turnout (Pec) £50



SL-E791BH Right hand point bullhead rail and electrofrog (Pec) £39
 ST-725 Setrack Bullhead 2nd radius standard curve 4 ft 6 in (147) radius (102mm (4.05") 10 make a circle (Pec) £6

Track & Points

SL-E791FB Finescale Right Hand Point With Finescale Rail Electrofrog (Pec) £41

Cars

43AS4004 Austin Sevan RN Saloon Westminster (Oxf) £13
 43B4002 Bentley MK VI in Redwood Green in Green (Oxf) £16
 43B4501 Bentley MK VI in dark blue (as owned by Jno Parnes - railway photographer) (Oxf) £16



43DS002 Daimler SP250 Royal Red (Oxf) £20
 VA13505 Mini 1275GT, Cancer White, 11m 4 (000,000) Mile (Oxf) (Est £19.99) NEW BARGAIN £16
 43MN022 Mini Car - Just Discovered (Oxf) NEW £7
 43MN021 Mini Car - Found Grey/CLW (Oxf) NEW £7
 VA12707B Peugeot 205 GTI 1.6, Modern Alpine branches, Volant a gauche (Oxf) (Est £22.00) BARGAIN £12
 43SP104 Swansons Fordson 2015 Land Rover (Oxf) NEW £9.95

Commercial vehicles

43ASV004 Austin Sevan RN Van (MS) (Oxf) £12

G Scale

Steam locos

91804 Early Steam loco (left running) (Haf) (Haf) (Haf) (Haf) £205

Train sets - analogue

90008 Thomas & Friends 6 Classed train set (2000 model) (Haf) (Haf) (Haf) (Haf) £199

Track & Points

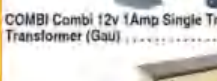
10610 Straight track 1200mm long (Oxf) £23
 10610 Box of 6 (Oxf) £124

Any or Multiple Scales

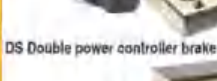
Analogue controllers



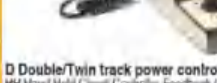
COMBI Combi 12v 1 Amp Single Track Controller Transformer (Gau) £30



DS Double power controller brake simulator (Gau) £119



D Double/Twin track power controller (Gau) £89
 HH Heston Mini Control Feedback (Gau) £32



Q Quadruple 4 circuit power controller (Gau) £130
 W Walkabout circuit controller (Gau) £29



M1 Transformer Output 2 x 10V AC 1A (Gau) £37
 T1 Unwired 2 x 10V AC 1A transformer (Gau) £18

Analogue power supplies

CDU Capacitor Discharge Unit (Gau) £11
 PL-35 Capacitor Discharge Unit Mk2 (Pec) £14
 PCU1 Electronic points control unit (Gau) £90
 MCDU Motor Powered CDU Unit (Gau) £20
 PCSET Point Control Starter Pack (Gau) £40

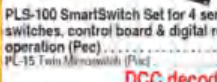
Analogue point control

PLS-100 SmartSwitch Set for 4 servo control & operation, switches, control board & digital readout for Analogue operation (Pec) £52
 PL-15 Twin Microswitch (Pec) £7



DCC decoders

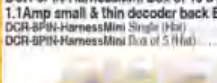
DCC02 4-function 1-10V DCC decoder to railway accessories (Gau) £46



DCR-8PIN-Harness Mini Box of 10 8-pin (harness) 2-function 1.1Amp small & thin decoder back EMF (Haf) £39
 DCR-8PIN-Harness Mini Single (Haf) £11
 DCR-8PIN-Harness Mini Box of 5 (Haf) £30

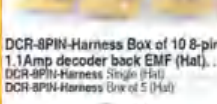


DCR-8PIN-Harness Box of 10 8-pin (harness) 4-function 1.1Amp decoder back EMF (Haf) £44
 DCR-8PIN-Harness Box of 5 (Haf) £46



36-553 8-pin 3-function 0.75A decoder back EMF (Bac) £15.50

DCC controllers



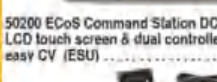
5020 ECoS Command Station DCC controller full colour LCD touch screen & dual controllers motorised dials & easy CV (ESU) £509



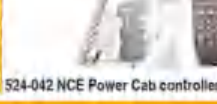
JCS1168 Cork Sheet - 1/16" Thick - 24" x 36" (Jav) £2



JCS1168 Cork Sheet - 1/16" Thick - 24" x 36" (Jav) £2



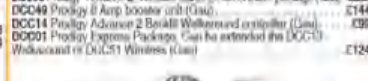
JCS1168 Cork Sheet - 1/16" Thick - 24" x 36" (Jav) £2



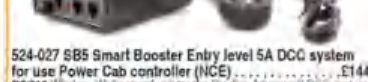
JCS1168 Cork Sheet - 1/16" Thick - 24" x 36" (Jav) £2



DCC02 Prodigy 'Advance 2' starter DCC controller package (Gau) £215
 DCC03 Prodigy 'Advance 2' Wireless starter DCC controller package (Gau) £269
 DCC04 Prodigy 8 Amp booster unit (Gau) £144
 DCC14 Prodigy 'Advance 2' Wireless starter & booster unit (Gau) £39
 DCC01 Prodigy 'Advance 2' Wireless starter (Gau) £124
 DCC02 Prodigy 'Advance 2' Wireless starter (Gau) £124



524-027 5B5 Smart Booster Entry level 5A DCC system for use Power Cab controller (NCE) £144
 DCC13 Wireless 'Unikontrol' unit to the Prodigy 'Advance 2' DCC system (DCC03) (Gau) £159



Speaker/SuperCable1818 18mm x 18mm packing tape major cable & reel (Haf) NEW £5
 Speaker/SuperCable20x40 20mm x 40mm packing tape 4 reels 1.5 watt (Haf) NEW £1
 Speaker/SuperCable25mm 25mm x 25mm packing tape 4 reels 2 watt speaker (Haf) NEW £1
 Speaker/SuperCable30mm 30mm x 30mm packing tape 4 reels 1 watt speaker (Haf) NEW £1

DCC accessories

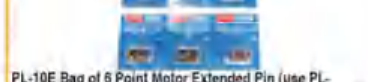
PL-6-5 Mounting Plates for use PL-10E (Pec) £2.50
 PL-10WE High performance turnout point motor extended pin (Pec) £36



PL-10 Bag of 6 Point Motor (Switch Machine) (Pec) £34
 PL-10 Single (Pec) £6



PL-10E Bag of 6 Point Motor Extended Pin (use PL-9) (Pec) £34
 PL-10E Single (Pec) £6



PM10 Stop Classic slot and point motor (Gau) NEW £8



PM-2 Seep point motor (Gau) £3.50



PM-4 Seep point Motor Self Latching Switch (Gau) £5

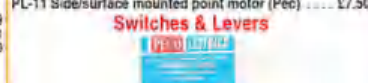


PM-1 Seep point motor accessory switch (Gau) £4

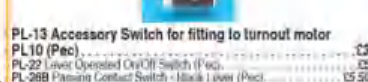


PL-11 Side/surface mounted point motor (Pec) £7.50

Switches & Levers



PL-22 Layer Operated On/Off Switch (Pec) £5
 PL-26R Passing Contact Switch - Black (Pec) £5.50
 PL-26R Passing Contact Switch - Red (Pec) £5.50
 PL-26W Passing Contact Switch - White (Pec) £5.50
 PL-26W Passing Contact Switch - Yellow (Pec) £5.50
 PL-26T Turnout switch module action (pushes wiring away) (Pec) £5.50



HF-2 Electronic train track cleaner (Gau) £37
 PL-12 Motor Adapter, fitted over motor going to turnouts (Pec) £2.50



SL-14 Track Fairy Pin (Pec) £1.50



VT4550 Tidy Track Rail Tracker Cleaning Kit (Pec) £25.25



OM195 Seesaw track (Gau) £17



OM130 Cork sheet - 1/16" Thick - 24" x 36" (Jav) £5.50
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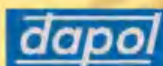


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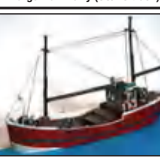
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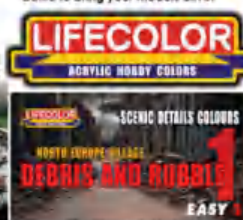


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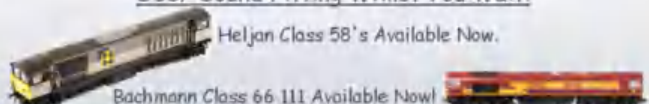
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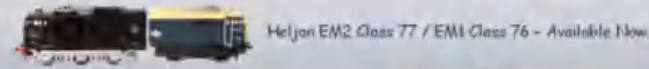
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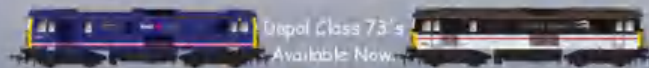


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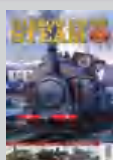
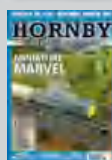
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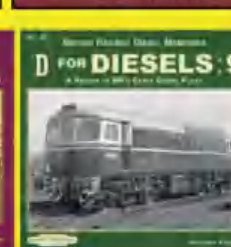
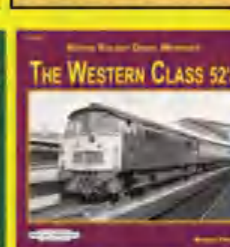
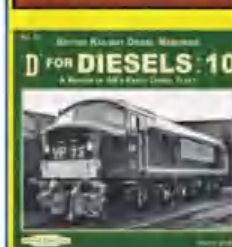
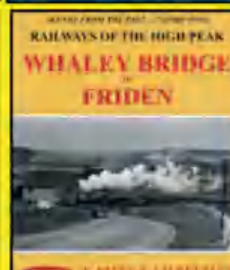
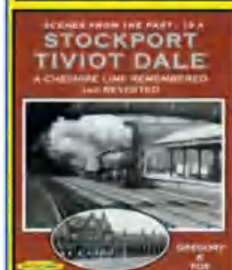
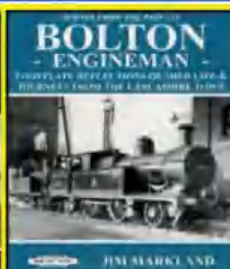
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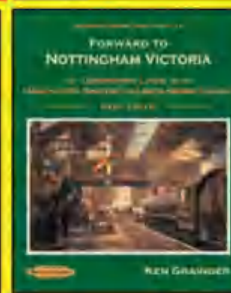
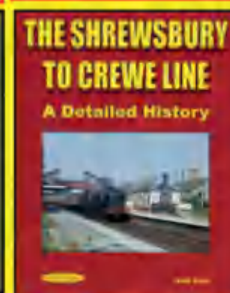
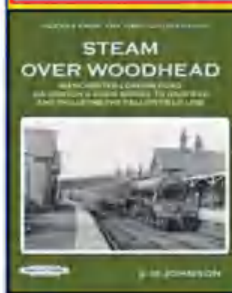
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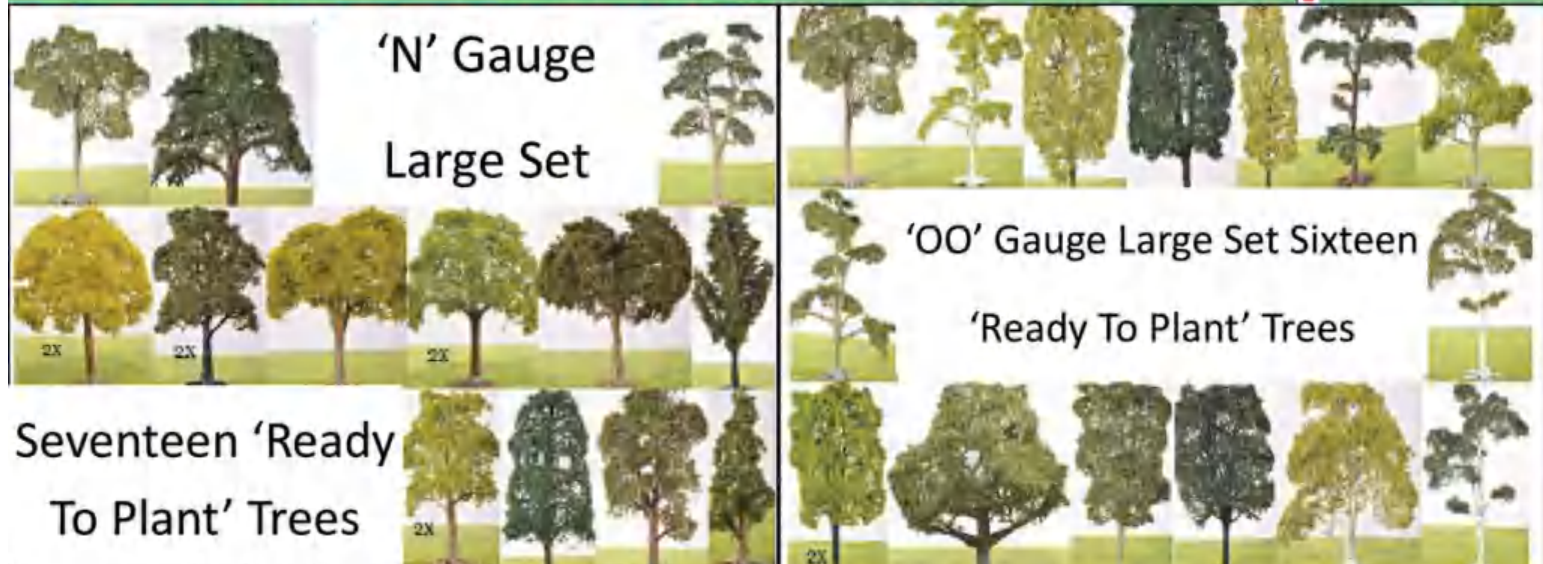
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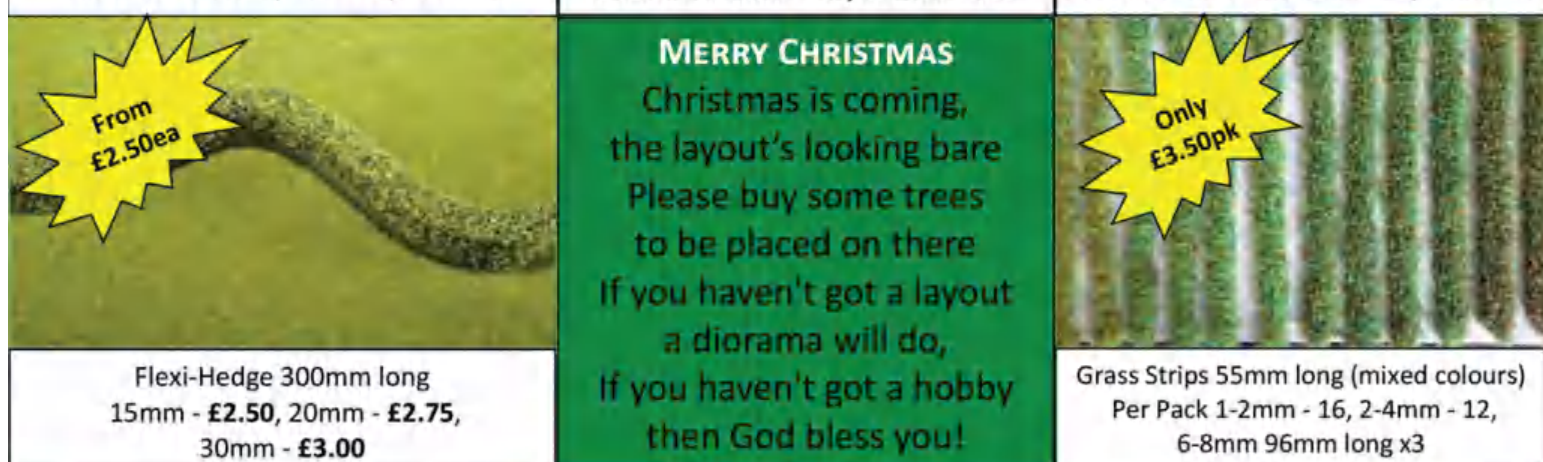
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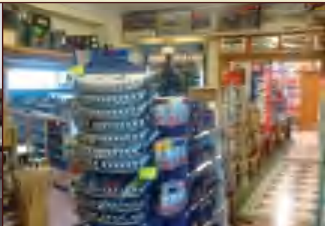
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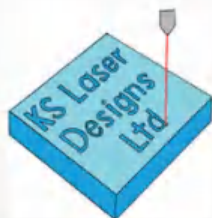



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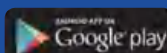
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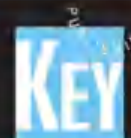
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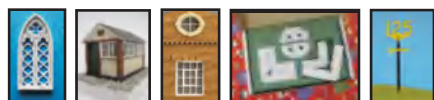
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2S-008-002D - A4 Sir Nigel Gresley LNER Blue Dbl Chmny 4498 DCC

Also released this month include;

2D-021-003 - Class 156 Central Trains Express Livery 156403

2P-003-001 - B Set Coach Twin Pack BR W6936W & W6937W

2F-071-030 - 7 Plank - BR P238835

2F-071-031 - 7 Plank - BR P238835 Weathered

'OO' releases in November

Class 73



4D-006-000 - Class 73 Airtour Suisse 73102 Intercity

4D-006-001 - Class 73 73105 Large Blue Logo

4D-006-002 - Class 73 73124 BR Blue

4D-006-003 - Class 73 73135 BR Blue

4D-006-004 - Class 73 E6003 SR Green with Light Grey Lower Panels

4D-006-005 - Class 73 E6039 Early Blue with SYP and Double Arrow Logo

4D-006-006 - Class 73 73138 'Dutch' Yellow and Grey Civil Engineers

4D-006-007 - Class 73 73206 'Lisa' GB Rail Freight Blue / Yellow

Also released this month include;

4F-046-001 - IKA Megafret Twin Pack Weathered + 2 x 45' Containers

4F-016-102 - Banana Van - Geest B882120

4F-016-103 - Banana Van - Geest B882120 Weathered

4F-051-041 - 5 Plank - SR 27344

4F-051-042 - 5 Plank - SR 27344 Weathered

4F-080-116 - 8 Plank - Laporte 57

4F-080-117 - 8 Plank - Laporte 57 Weathered

4F-090-104 - 9 Plank - Gas Light & Coke 763

4D-090-105 - 9 Plank - Gas Light & Coke 763 Weathered

4P-010-039 - 57FT Stanier Non Corridor Comp LMS Maroon Lined 19185

4P-010-040 - 57FT Stanier Non Corridor Brake 3RD LMS Maroon Lined 25266

C097D - 57FT Stanier Non Corridor Comp LMS Maroon Lined 19185

C098D - 57FT Stanier Non Corridor Brake 3RD LMS Maroon Lined 25266

'O' releases in November



7F-071-028 - 7 Plank - SR 40045

7F-071-028W - 7 Plank - SR 40045 Weathered



7F-051-023 - 5 Plank - ICI Lime 75742

7F-051-023W - 5 Plank - ICI Lime 75742 Weathered

All product release dates correct at time of going to press.

APPROVED

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STOCKISTS

The following retailers carry stocks of all new monthly products

ALTON: **Alton Models** tel: 01420 542244

ARUNDEL: **Gaugemaster** tel: 01903 884321

AXMINSTER: **Buffers Model Railways** tel: 01297 35557

AYLSHAM: **Bure Valley Railway** tel: 01263 733858

BARROW IN FURNESS: **Crafty Hobbies** tel: 01229 820759

BIDEFORD: **Osborn's Models** tel: 01237 423453

BRISTOL: **Model Railways Direct** tel: 01275 774224

BURTON-ON-TRENT: **The Tutbury Jinny** tel: 01283 814777

CARLISLE: **C & M Models** tel: 01228 514689

CHELTHAM: **Cheltenham Models** tel: 01242 523117

HEREFORD: **Hereford Model Shop** tel: 01432 352809

KIDDERMINSTER: **DMB/Footplate Models** tel: 01562 750076

LIVERPOOL: **Hattons** tel: 0151 733 3655

NANTWICH: **Trident Trains** tel: 01270 842400

NORTH LANCING: **Morris Models** tel: 01903 754850

SHEFFIELD: **Rails of Sheffield** tel: 01142 551436

STROUD: **ANTICS** tel: 01453 825381

SHEPTON MALLET: **East Somerset Models** tel: 01749 880651

WORCESTER: **DCC Supplies** tel: 01905 621999

YORK: **Monk Bar Model Shop** tel: 01904 659423

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Model, Collect & Create





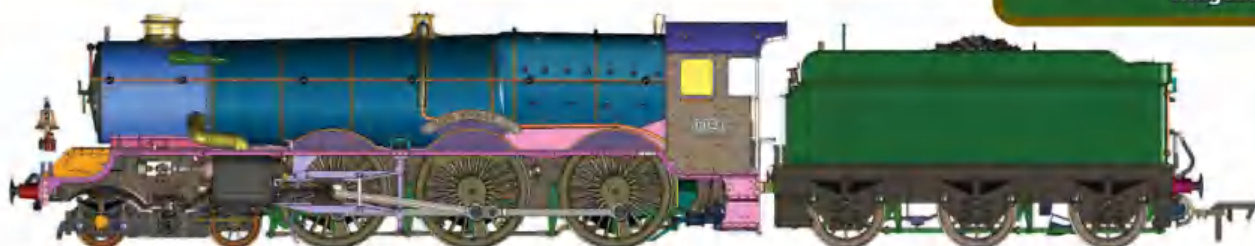
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OO Gauge (1:76 Scale)

Steam locos

NEW



R3279 Class 1000 County 4-6-0 1016 "County Of Hants" in BR green early crest - Railroad range (Hor) **NEW** £69.50



31-931 Class 1000 Midland Compound 4-4-0 1189 in LMS black (Bac) (list £139.95) **BARGAIN** £89



31-932DC Class 1000 Midland Compound 4-4-0 40934 in BR lined black early emblem. DCC On Board (Bac) (list £159.95) **BARGAIN** £89



R3005 Class 2800 2-8-0 2845 in BR black late crest - weathered (Hor) £106



R3106 Class 2800 2-8-0 steam loco 2807 GWR as preserved (Hor) £120



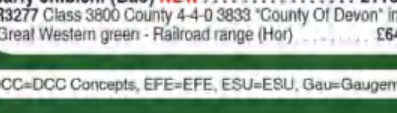
32-828A Class 2MT Ivatt 2-6-0 46526 in BR lined green late crest - weathered (Bac) £110.46



31-127 Class 30xx 2-8-0 ROD 3023 in BR black early emblem (Bac) (list £129.95) **BARGAIN** £80



31-089 Class 32xx 4-4-0 Dukedog 3214 in GWR green shirtbutton logo (Bac) **NEW** £118.96



31-088 Class 32xx 4-4-0 Dukedog 9028 in BR black early emblem (Bac) **NEW** £118.96



R2882 Class 3P Jinty 0-6-0 tank loco 24 in S&DJR (Hor) (list £32.49) **BARGAIN** £21



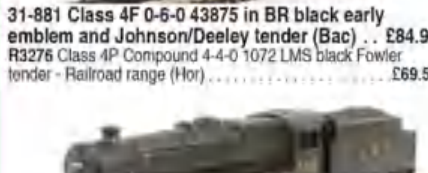
R3229 Class 4000 Star 4-6-0 4021 "British Monarch" in BR green early crest (Hor) £125.10



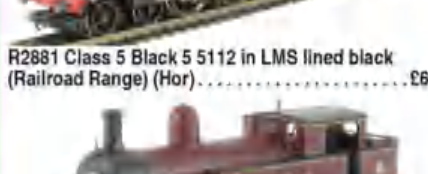
R3205 Class 4900 4-6-0 4965 "Road Ashton Hall" in BR - New tooling for 2013. Special edition etched name & number (Hor) £105



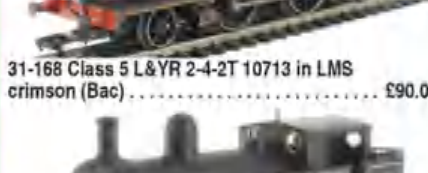
R3169 Class 4900 4-6-0 Hall 5972 "Olton Hall" in GWR (Railroad range). New tooling for 2013 (Hor) £67



31-881 Class 4F 0-6-0 43875 in BR black early emblem and Johnson/Deeley tender (Bac) £84.96



R3276 Class 4P Compound 4-4-0 1072 LMS black Fowler tender - Railroad range (Hor) £69.50



R2881 Class 5 Black 5 5112 in LMS lined black (Railroad Range) (Hor) £66



31-168 Class 5 L&YR 2-4-2T 10713 in LMS crimson (Bac) £90.06



31-169 Class 5 L&YR 2-4-2T 50795 in BR lined black early emblem (Bac) £90.06



31-188 Class 5XP Jubilee 4-6-0 45565 "Victoria" in BR lined green late crest - weathered (Bac) £127.46



31-783 Class 6959 Modified Hall 7904 "Fountains Hall" in BR black early emblem - weathered (Bac) £114.71



R3278 Class 6P Patriot 4-6-0 45518 "Bradshaw" in BR green early crest - Railroad range (Hor) £64.80



R3304 Class 700 Black Motor 0-6-0 30316 in BR black early crest - weathered (Hor) £101.84



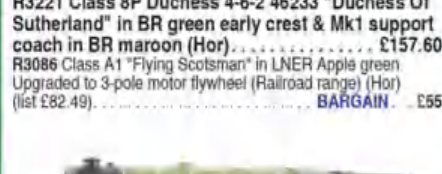
R3226 Class 72XX 2-8-2 7218 in BR black early crest (Hor) £120.50



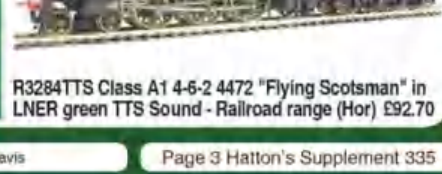
R3244TTS Class 8 4-6-2 71000 "Duke Of Gloucester" in BR green late crest - TTS Sound (Hor) (list £139.99) **BARGAIN** £94



R3221 Class 8P Duchess 4-6-2 46233 "Duchess Of Sutherland" in BR green early crest & Mk1 support coach in BR maroon (Hor) £157.60



R3086 Class A1 "Flying Scotsman" in LNER Apple green. Upgraded to 3-pole motor flywheel (Railroad range) (Hor) (list £82.49) **BARGAIN** £55



R3284TTS Class A1 4-6-2 4472 "Flying Scotsman" in LNER green TTS Sound - Railroad range (Hor) £92.70



32-550B^A Class A1 4-6-2 60163 "Tornado" in BR lined Brunswick green (Bac) (list £159.95) ... **BARGAIN** ... £95
R3060 Class A1 4-6-2 60163 "Tornado" in British Railways Apple Green (Railroad Range) (Hor) (list £84.99) **BARGAIN** £56
R3132 Class A3 4-6-2 2599 "Book Law" LNER green (Hor) £141.80



31-146 Class D11/1 4-4-0 62663 "Prince Albert" in BR black early emblem (Bac) £101.96



R2324 Class D16/3 "Claud Hamilton" 4-4-0 62530 in BR black early emblem (Hor) **NEW** £101.90



R2325 Class D16/3 "Claud Hamilton" 4-4-0 E2524 in early BRITISH RAILWAYS black (Hor) **NEW** £101.90



R3303 Class D16/3 4-4-0 62581 in BR black early emblem - weathered (Hor) **NEW** £101.84



R2323 Class D16/3 4-4-0 8825 in LNER black (Hor) **NEW** ... £96



35-078 Class E4 Brighton tank 0-6-2 32500 in BR black late crest (Bac) (list £109.95) **BARGAIN** ... £80
35-077 Class E4 Brighton tank 0-6-2 32556 in BR black early emblem (Bac) (list £109.95) **BARGAIN** £80



35-076 Class E4 Brighton tank 0-6-2 473 in Southern green (as preserved) (Bac) (list £109.95) **BARGAIN** ... £80



35-075 Class E4 Brighton tank 0-6-2 579 in LB & SCR umber (Bac) (list £109.95) ... **BARGAIN** ... £80



31-320DC Class J11 Robinson (GCR 9J) 64325 in BR black late crest. DCC Fitted (Bac) £93.46



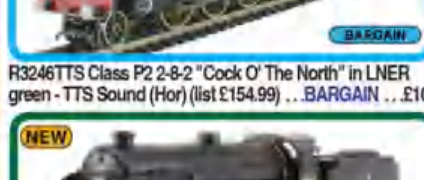
R3242 Class K1 2-6-0 62015 in BR early crest (Hor) £120.50



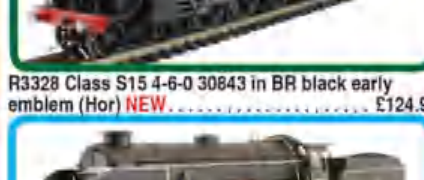
R3227 Class O1 2-8-0 63663 in BR black late crest (Hor) £121.60



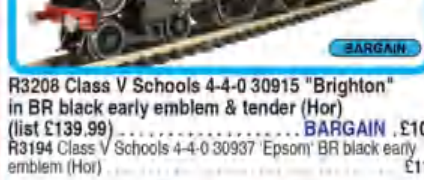
31-0012 Class O4 2-8-0 Robinson ROD 63743 (shed 93) in BR black late crest - weathered. Lid Edition of 512 (Bac) (list £148.72) **BARGAIN** £119



R3246TTS Class P2 2-8-2 "Cock O' The North" in LNER green - TTS Sound (Hor) (list £154.99) ... **BARGAIN** ... £105



R3328 Class S15 4-6-0 30843 in BR black early emblem (Hor) **NEW** £124.99



R3208 Class V Schools 4-4-0 30915 "Brighton" in BR black early emblem & tender (Hor) (list £139.99) **BARGAIN** £105



R3194 Class V Schools 4-4-0 30937 "Epsom" BR black early emblem (Hor) (list £148.72) **BARGAIN** £112



R3297X RailRoad LMS 0-6-0T "16440" Jinty Class 3F - DCC Fitted (Hor) £44.99



31-980 Standard Class 3MT tank 82020 in BR green late crest - weathered (Bac) £110.46



32-954 Standard class 4MT 2-6-0 76058 in BR lined black early emblem (Bac) (list £119.95) **BARGAIN** £74



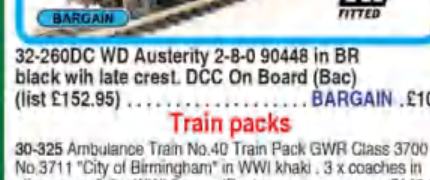
32-508 Standard Class 5MT 73049 in BR lined green late crest & BR1 tender (Bac) (list £129.95) **BARGAIN** £82



32-509 Standard class 5MT 73109 in BR lined black early emblem and BR1B tender (Bac) (list £129.95) **BARGAIN** £89



32-261 WD Austerity 2-8-0 90441 BR black early emblem (Bac) £114.71



32-260DC WD Austerity 2-8-0 90448 in BR black with late crest. DCC On Board (Bac) (list £152.95) **BARGAIN** £109



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



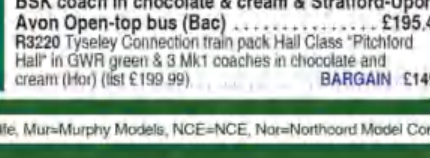
25-2014 Bachmann OO Scale Silver Anniversary Set Class 6P Jubilee & Class 47 locos in wooden box certificate (Bac) £212.46



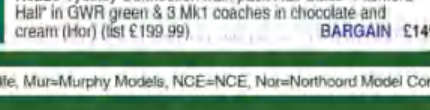
R2669 Class 08 diesel shunter in BR red. 2 x open wagons and 1 x box van (Hor) (list £44.49) **BARGAIN** £29



30-575 The Railway Children Train Pack GWR 57xx Pannier in GNSR. 2 x GNSR Coaches & Scenecraft Oakworth Station Building (Bac) £14.71



30-525 The Shakespeare Express Train Pack Hall Class 4965 "Rood Ashton Hall" in Great Western green. 2 x Pullman cars in umber & cream. BR Mk1 BSK coach in chocolate & cream & Stratford-Upon-Avon Open-top bus (Bac) £195.45



R3220 Tyseley Connection train pack Hall Class "Pitchford Hall" in GWR green & 3 Mk1 coaches in chocolate and cream (Hor) (list £199.99) **BARGAIN** £149

Diesel locos



10001HAP - 10001 BR Brunswick green orange, black & orange lining. Aug 1956 - Oct 1957. (Dap) (list £105) **BARGAIN** ..£94



R3283 Bagnall shunter in red - Railroad range (Hor) (list £29.99) **BARGAIN** ..£20



31-366 Class 03 0-6-0 diesel shunter D2016 in BR Green (Bac) ..£70.51
31-364 Class 03 0-6-0 diesel shunter D2383 in BR green wasp stripes - weathered (Bac) ..£76.46



2503 Class 05 Hunslet shunter "Cider Queen" in green wasp stripes (industrial) (Hel) ..£100



2523 Class 05 Hunslet shunter "Departmental 88" in BR green wasp stripes (Hel) ..£100



2500 Class 05 Hunslet shunter D2574 in BR green (Hel) ..£100
2501 Class 05 Hunslet shunter D2578 BR green wasp stripes (preserved) (Hel) ..£100



2502 Class 05 Hunslet shunter D2581 in BR green wasp stripes (Hel) ..£100
2503 Class 05 Hunslet shunter D2592 BR green wasp stripes (Hel) ..£100



2522 Class 05 Hunslet shunter D2595 in BR blue wasp stripes (preserved) (Hel) ..£100



2521 Class 05 Hunslet shunter D2600 BR green wasp stripes (Hel) ..£100



1600 Class 16 North British diesel D8400 BR green grey roof. Ltd Ed of 750 pcs (Hel) (list £134.95) **BARGAIN** ..£72
1601 Class 16 North British diesel D8401 BR green small yellow warning panels. Ltd Ed of 750 (general release) (Hel) (list £134.95) **BARGAIN** ..£72



1602 Class 16 North British diesel D8404 BR green Stratford-style yellow warning panels. Ltd Ed of 750 (general release) (Hel) (list £134.95) **BARGAIN** ..£72



1603 Class 16 North British diesel D8407 BR green with full yellow ends. Ltd Ed of 750 (general release) (Hel) (list £134.95) **BARGAIN** ..£72
1604 Class 16 North British diesel D8409 BR green grey roof. Gloss finish. Ltd Ed of 750 (general release) (Hel) (list £134.95) **BARGAIN** ..£72
32-038DS Class 20 20124 in BR blue with indicator discs - weathered. DCC Sound (Bac) ..£195.46



32-034A Class 20 20141 in BR green full yellow ends - weathered (Bac) ..£97.71



32-044 Class 20 D8028 in BR green indicator discs & tablet catcher (Bac) ..£93.46



32-045 Class 20 diesel 20118 "Saltburn-by-the-Sea" in BR Railfreight red stripe (Bac) ..£93.46



4D-012-003 Class 22 B-B Diesel Hydraulic D6311 in BR green small yellow panels & disc headcode box (Dap) ..£103
4D-012-001 Class 22 B-B Diesel Hydraulic D6316 in BR Green. Small yellow panels and disc headcode box (Dap) £103



2320 Class 23 Baby Deltic D5900 green headcode discs and frost grilles - gloss (Hel) (list £129.95) **BARGAIN** ..£59
32-4310C Class 24 24077 BR blue indicator discs. DCC Fitted (Bac) ..£101.96



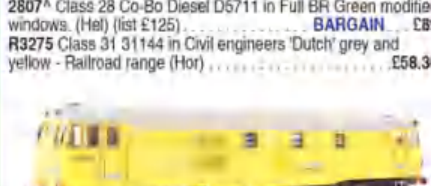
2664 Class 26/0 diesel D5302 in BR green small yellow panels (Hel) ..£95
2662 Class 26/0 diesel D5309 in BR green early version (Hel) ..£95
2665 Class 26/0 diesel D5312 in BR green - weathered (Hel) £103



2800[^] Class 28 Co-Bo Diesel D5700 Full BR Green - modified windows. (Hel) (list £125) **BARGAIN** ..£80



2809[^] Class 28 Co-Bo Diesel D5708 BR Green Full Yellow Ends. (Hel) (list £125) **BARGAIN** ..£89
2807[^] Class 28 Co-Bo Diesel D5711 in Full BR Green modified windows. (Hel) (list £125) **BARGAIN** ..£89



R3275 Class 31 31144 in Civil engineers "Dutch" grey and yellow - Railroad range (Hor) ..£58.30



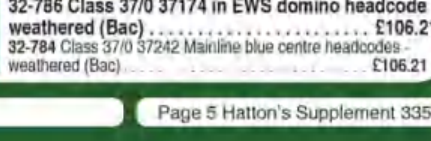
R3344 Class 31 31285 in Network Rail (Hor) £150.23



3430 Class 33/0 diesel D6506 in BR blue full yellow ends (Hel) ..£95



3519 Class 35 Hymek D7064 in BR blue small yellow warning panels (Hel) ..£94



32-786 Class 37/0 37174 in EWS domino headcode - weathered (Bac) ..£106.21
32-784 Class 37/0 37242 Mainline blue centre headcodes - weathered (Bac) ..£106.21



32-785DS Class 37/0 37254 in BR Departmental Civil Link Dutch - weathered. DCC Sound (Bac) £203.96
R3262 Class 42 Warship D853 'Thruster' in BR maroon small yellow panels - Railroad range (Hor) £50.90
32-067 Class 43 North British (NBL) Warship 842 'Royal Oak' in BR blue. New tooling (Bac) £118.96



32-066 Class 43 North British (NBL) Warship D835 'Pegasus' in BR green small yellow panel (Bac) £118.96



32-065 Class 43 North British (NBL) Warship D865 'Zealous' in BR maroon small yellow panel (Bac) .. £118.96



32-680 Class 45 45036 in BR blue split centre headcode (Bac) NEW £101.96



32-681 Class 45 D108 in BR green split centre headcode - weathered (Bac) NEW £110.46



31-656DC Class 47/0 D1677 'Thor' in BR green full yellow ends. DCC On Board (Bac) £106.21
32-816 Class 47/3 47365 'Diamond Jubilee' in BR Railfreight Distribution (Bac) (list £114.95) BARGAIN £72



32-817 Class 47/7 47745 'Royal London Society For The Blind' in RES red & grey (Bac) (list £114.95) BARGAIN .. £72



32-815 Class 47/8 47834 'Fire Fly' BR Intercity Swallow (Bac) (list £114.95) BARGAIN .. £78



R3263 Class 50 50024 'Vanguard' in BR Large Logo blue (Hor) NEW £137.20



R3264 Class 50 50046 'Ajax' in BR Large Logo blue (Hor) NEW £137.20



4D-003-004 Class 52 D1058 'Western Nobleman' BR blue full yellow panel (Dap) £109

4D-003-007 Class 52 diesel D1012 'Western Firebrand' in BR maroon small yellow panels (Dap) £119

4D-003-010 Class 52 diesel loco D1010 'Western Campaigner' in BR blue full yellow ends (Dap) £109



32-532 Class 55 55007 'PINZA' in BR blue Finsbury Park white cab windows - weathered (Bac) £113.01



32-529B Class 55 Deltic D9011 in BR two-tone green. Weathered (advertised earlier as 'pristine') (Bac) £93.46



R2879 Class 55 Deltic diesel 55001 'St Paddy' in BR blue (Hor) (list £52.49) BARGAIN .. £43

R3291XS Class 56 56094 in Colas Rail - Sound fitted (Hor) £229.90



32-762DS Class 57/3 57312 'The Hood' in Virgin Trains - weathered. DCC Sound (Bac) £203.96



5820 Class 58 58012 Mainline Grey Livery (Hel) £125

5826 Class 58 58028 Plain Triple Grey Livery (Hel) £125
5824 Class 58 58030 In EWS Livery (Hel) £125



5825 Class 58 58038 Mainline Blue Livery (Hel) £125



R3268 Class 67 67003 in Arriva Trains Wales (Hor) (list £139.99) BARGAIN .. £112



R3272 Class 67 67006 'Royal Sovereign' (Hor) (list £139.99) BARGAIN .. £110

R3348 Class 67 67016 in EWS (Hor) £129.62

R3349 Class 67 67024 in EWS (Hor) £129.62

31-588 Class 70 PowerHaul diesel 70005 Freightliner - weathered (Bac) £127.46

31-995 Class D/16 LMS 10000 BR Brunswick green lined orange & black (Bac) £101.96



31-996 Class D/16 LMS 10000 in BR Brunswick green part eggshell blue waistband (Bac) .. £101.96



4010- English Electric DP2 prototype in BR Brunswick green (as per 1962 to May 1965) (Hel) (list £129.95) BARGAIN .. £75



4011- English Electric DP2 prototype in BR two-tone green (as per 1965 until withdrawal in 1967) (Hel) (list £129.95) BARGAIN .. £70

MM0222 Irish Class 201 diesel 22 in Intercity green and silver (Mur) (list £139) BARGAIN .. £112



R3353 Sentinel 4wDH in Balfour Beatty (Hor) £51.84

Electric locos



31-678 Class 85 (AL5) Bo-Bo Electric 85026 in BR Blue single pantograph (Bac) (list £12.45) BARGAIN .. £86



BARGAIN

31-677 Class 85 (AL5) Bo-Bo Electric E3056 in BR Blue single pantograph. (Bac) (list £139.95) BARGAIN £79

NEW



31-679 Class 85 (AL5) Bo-Bo Electric E3095 BR Electric Blue small yellow panel (Bac) NEW £118.96
R3350 Class 90 90029 in DB Schenker (Hor) £64.81
R3347 Class 92 92019 "Wagner" in Railfreight/EWS (Hor) £74.06



9002 Metropolitan Bo-Bo electric 1 in wartime grey (Hel) £107

NEW



9000 Metropolitan Bo-Bo electric 20 in Metropolitan (Hel) NEW £107

NEW



9001 Metropolitan Bo-Bo electric 9 "John Milton" in Metropolitan (Hel) NEW £107

HSTs

R3271 Class 43 twin pack - 43021 & 43022 InterCity 125 Executive (Hor) £194.70



R3366 Network Rail Measurement Train Drive Units (Hor) £189.99

DMUs

32-287A Class 101 2 Car DMU BR blue & grey - weathered (Bac) £144.46

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



31-535 Class 105 Cravens 2 Car DMU in BR blue full yellow ends (Power Twin Unit) (Bac) (list £119.95) BARGAIN £78



32-906 Class 108 2 Car DMU in BR green half yellow ends (Bac) (list £139.95) BARGAIN £72.50



32-905A Class 108 2-car DMU in BR blue & grey full yellow ends (Bac) (list £139.95) BARGAIN £72.50



32-912 Class 108 3 Car DMU in BR blue full yellow ends (Bac) (list £169.95) BARGAIN £86



8940 Class 128 DPU Blue full yellow ends and flush fronts M55993 (Hel) (list £119.95) BARGAIN £69



8942 Class 128 DPU in BR blue - weathered M55995 (Hel) (list £129.95) BARGAIN £69



8992 Class 128 DPU in BR Blue small yellow panels and Midland style fronts M55990 (Hel) (list £119.95) BARGAIN £52



8902 Class 128 DPU W55991 in early BR blue white cab roof domes and yellow gangway door covers (Hel) (list £119.95) BARGAIN £69

8922 Class 128 DPU W55992 in BR blue yellow ends & no branding "Scooby Doo" - weathered (Hel) £100



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
32-937 Class 150/2 2 car DMU 150202 Centro blue stripe (Bac) £140.21



32-516A Derby Lightweight 2 Car DMU in BR green speed whiskers (Bac) £123.21



8752 Park Royal Railbus M79971 in BR green speed whiskers (Hel) £97

6753 Park Royal Railbus M79972 BR green small yellow panels (Hel) £97



8750 Park Royal Railbus SC79970 in BR green speed whiskers (Hel) £97



8751 Park Royal Railbus SC79974 in BR green small yellow warning panels (Hel) £97



8704 Railbus W&M E79962 in green large yellow panel - weathered. (Hel) (list £129.95) BARGAIN £79



8801 Railcar W79976 in BR light green speed whiskers. Matt finish (Hel) £94



8802 Railcar W79977 in BR dark green small yellow warning panels & white cab roofs (Hel) £94

EMUs



R3184 1960 Brighton Belle Pullman 2-Car EMU in Umber and cream (Hor) (list £189.99) BARGAIN £99



BARGAIN

R3290 Class 2-HAL 2 car EMU in BR green small yellow ends (Hor) (list £130.25) **BARGAIN** .. £96
 R3260 Class 2-HAL 2 car EMU in SF green (Hor) .. £120.70
 R3258 Class 401 2-BIL 2 car EMU in BR blue (Hor) .. £120.70
 31-265 Class 419 Motor Luggage Van (MLV) in BR Southern Region green (Bac) (list £104.95) **BARGAIN** .. £64



BARGAIN

31-266 Class 419 Motor Luggage Van (MLV) in BR Southern Region green yellow panel (Bac) (list £104.95) **BARGAIN** .. £64



BARGAIN

R3259 Class 401 2-BIL 2 car EMU in BR blue - As preserved at the NRM (Hor) (list £130.25) **BARGAIN** .. £74



BARGAIN

31-375 Class 416 2-car EPB EMU in BR blue (Bac) (list £124.95) **BARGAIN** .. £72



BARGAIN

31-267 Class 419 Motor Luggage Van (MLV) in BR blue & grey (Bac) (list £104.95) **BARGAIN** .. £64



BARGAIN

31-030^ Class 350/1 Desiro 4 Car EMU 350 111 "Apollo" in Silver Link (unbranded) (Bac) (list £189.95) **BARGAIN** .. £99



BARGAIN

31-032 Class 350/1 Desiro 4-Car EMU 350 102 in London Midland (Bac) (list £189.95) **BARGAIN** .. £116



BARGAIN

31-031 Class 350/2 Desiro 4 Car EMU 350 238 in London Midland (Bac) (list £189.95) **BARGAIN** .. £118



R3215 Class 373 Eurostar 4 car EMU in latest 2014 Eurostar (Hor) .. £157.40



R3185 Class 395 Javelin 4 car EMU "Sir Chris Hoy" in Southeastern (Hor) .. £132

Track Maintenance vehicles



B800 Non-motorised OO Track Cleaner motorised cleaning heads & vacuum in blue (Dap) .. £56



36-165A Plasser Tamper track maintenance machine (motorised) (Bac) .. £63.71



BARGAIN

31-577 Windhoff MPV Multi-Purpose master and slave units in "Railtrack" (Bac) (list £148.95) **BARGAIN** .. £79

Track cleaning fluid

B805 100ml of track cleaning fluid for the B800 Track cleaner (Dap) £7

Train sets - analogue

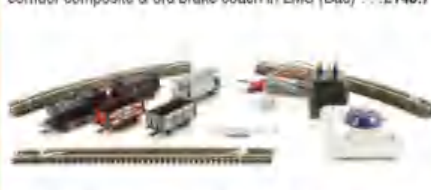
R1183 Master of the Glens Train Set (Hor) **NEW** .. £166.66
 R1174 Breakdown Hauler Train Set 0-4-0 loco, Breakdown Crane and Support Van (Hor) (list £119.99) **BARGAIN** .. £59
 R1171 Flight of The Mellar train set LNER Class A4 4-6-2 "Mallard" steam loco & 3 teak coaches (Hor) (list £149.99) **BARGAIN** .. £109



R1138 GWR Passenger Freight train set GWR Class 101 0-4-0 steam loco, 2 wagons & 4 wheel coach (Hor) .. £77

30-160 Rural Commuter set Class 105 2 car DMU BR green small yellow panels (Bac) .. £84.99

30-170 Thames Clyde Express Midland Compound 1000, 2 x corridor composite & 3rd brake coach in LMS (Bac) .. £148.71



30-105 The Midland Marvel Midland 3F 3522 in LMS, brake van in LMS grey & 2 x 8-plank wagons (Bac) .. £110.46

30-080 The Western Wanderer Class 57xx Pannier 3650 in GWR shirbutton green and GWR Toad brake van & shunters truck in GWR gr (Bac) .. £84.96

Train sets - DCC

R1173 e-Link DCC Western Master train set GWR Class 2721 steam loco & 3 wagons (Hor) .. £120



30-048 Highland Tourer Digital Sound Set Class 37/4 37418 in BR blue and Mk2 TSO & BSO coaches in Far North green & cream (Bac) .. £255

Coaches

R4663 Pullman First Class Kitchen Car - K-Type Pullman Car (Hor) .. £46.29

R4664 Pullman First Class Parlour Car - K-Type Pullman Car (Hor) .. £46.29



R4662 Pullman Third Class Brake Parlour Car - K-Type Pullman Car (Hor) .. £46.29



R4660 Pullman Third Class Kitchen Car - K-Type Pullman Car (Hor) .. £46.29



R4661 Pullman Third Class Parlour Car - K-Type Pullman Car (Hor) .. £46.29

R4526 Night Mail Operating Mail Coach GWR - Railroad Range (Hor) (list £22.65) **BARGAIN** .. £19

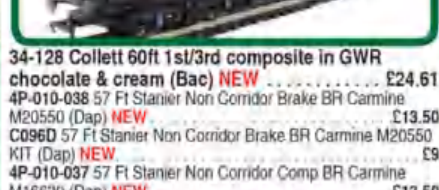
R4518A Gresley (Non Vestibuled) suburban 3rd class brake LNER leak (Hor) .. £39



34-053 Collett 60ft 3rd class corridor in GWR chocolate & cream (Bac) **NEW** .. £24.61



34-078 Collett 60ft 1st/3rd brake composite in GWR chocolate & cream (Bac) **NEW** .. £24.61



34-128 Collett 60ft 1st/3rd composite in GWR chocolate & cream (Bac) **NEW** .. £24.61

4P-010-038 57 Ft Stanier Non Corridor Brake BR Carmine M20550 (Dap) **NEW** .. £13.50
 C096D 57 Ft Stanier Non Corridor Brake BR Carmine M20550 KIT (Dap) **NEW** .. £9
 4P-010-037 57 Ft Stanier Non Corridor Comp BR Carmine M16620 (Dap) **NEW** .. £13.50
 C095D 57 Ft Stanier Non Corridor Comp BR Carmine M16620 KIT (Dap) **NEW** .. £9



R4650 BR Gresley Suburban Third Class Brake Coach, Maroon (Hor) £37.27
R4675 BR Gresley Suburban Third Class Coach, Maroon (Hor) £37.27



R4621 BR maroon Mk1 TSO tourist second open (Hor) (list £24.99) **BARGAIN** .. £19
39-226E BR Mk1 BCK Brake Composite Corridor Maroon Weathered (Bac) £33.96



39-500 Pack of 4 BR Mk1 SLF Sleeper Car in maroon (Bac) (list £171.80) **BARGAIN** .. £136
39-500 Single (Bac) £36.50



39-502 Pack of 4 BR Mk1 SLSTP Sleeper Car in maroon (Bac) (list £155.80) **BARGAIN** .. £120
39-502 Single (Bac) £33



R4658 BR Non-Corridor 57' Composite Coach (Hor) £37.27



R4678A BR Non-Corridor 57' Third Class Brake Coach (Hor) £37.27
R4678 BR Non-Corridor 57' Third Class Brake Coach (Hor) £37.27



R4651 BR Thompson Suburban (Lavatory) Composite Coach, Maroon (Hor) £37.27
R4653 BR Thompson Suburban Third Class Brake Coach, Maroon (Hor) £37.27
R4652 BR Thompson Suburban Third Class Coach, Maroon (Hor) £37.27



R4522B Gresley (Vestibuled) suburban 3rd class brake in BR Crimson (Hor) £37.30
R4521B Gresley (Non Vestibuled) suburban composite BR Crimson (Hor) £37.30



R4656 LMS Non-Corridor 57' Composite Coach (Hor) £37.27



R4677A LMS Non-Corridor 57' Third Class Brake Coach (Hor) £37.27



R4657 LMS Non-Corridor 57' Third Class Coach (Hor) £37.27

R4352 Mk1 BSK brake corridor second BR maroon. New tooling for 2013 (Hor) £17
39-054C BR Mk1 SO Second Open (WR) Chocolate & Cream (Bac) £33.11
R4188C BR (ex LMS) 68' 12 wheel restaurant car BR blood and custard (Hor) £36
39-455 LMS 57 ft Porthole Corridor 1st BR crimson & cream (Bac) £33.96



39-460 LMS 57 ft Porthole Corridor Brake 3rd in BR Crimson & Cream (Bac) £33.96
39-470 LMS 60 ft Porthole Corridor Brake 1st BR Crimson & Cream (Bac) £33.96



39-465 LMS 60 ft Porthole Corridor Composite in BR crimson & cream (Bac) £33.96
34-326A Period III 50ft parcels van BR crimson & cream (Bac) £22.91
4P-010-023 RTR 60ft Stanier corridor composite BR carmine & cream M35950M (Dap) £14
34-081A Collett 60ft 1st/2nd brake composite BR crimson & cream (Bac) £24.61



39-526 Ex-Southern PMV Parcels & Miscellaneous Van BR Crimson (Bac) **NEW** £24.61



39-525 Southern PLV Passenger Luggage Van Southern Railway Green (Bac) **NEW** £24.61



39-527 Ex-Southern PMV Parcels & Miscellaneous Van BR Green (Bac) **NEW** ... £24.61
R4538A Ex-SR Unconverted open 2nd class coach BR green (Hor) £37



34-330 Period III 50ft parcels van 395665 in BR departmental black 'Electrification' (Bac) ... £22.91
34-678 Mk1 Suburban 2nd open BR blue - weathered (Bac) £25.46



39-528 Ex-Southern CCT Covered Carriage Truck BR Blue (Bac) **NEW** £24.61
R4609 BR green Mk1 BSK brake second corridor lights (Hor) £33.80



39-200C BR Mk1 Super BG Full Brake RES - Weathered (Bac) (list £39.95) **BARGAIN** .. £18



R4611 BR blue & grey MK2E FO first open lights (Hor) £27.80
R4613 BR blue & grey MK2E TSO tourist second open (Hor) £23.10
R4610 BR blue & grey MK2E TSO tourist second open lights (Hor) £27.80
39-340A BR Mk2A FK First Corridor Blue & Grey (Bac) (list £42.95) **BARGAIN** £36.51
R4614A BR Mk2E First Class Open Coach, BR Blue & Grey (Hor) **NEW** £27.77



R4611A BR Mk2E First Class Open Coach, BR Blue & Grey, Working Lights (Hor) **NEW** £27.77
R4615A BR Mk2E Standard Open Brake Coach, BR Blue & Grey (Hor) **NEW** £27.77
R4612A BR Mk2E Standard Open Brake Coach, BR Blue & Grey, Working Lights (Hor) **NEW** £27.77
R4616A BR Mk2E Standard Open Coach (Hor) £23.14



R4610A BR Mk2E Standard Open Coach, BR Blue & Grey, Working Lights (Hor) £27.77



R4676 BR Mk3 Intercity Coach Pack x 3 (Hor)
(list £99.99) **BARGAIN** .. £64



39-321 BR Mk1 BSP Pullman bar 2nd coach in blue/grey (with lighting) (Bac) (list £48.95) **BARGAIN** ... £24
39-126G BR Mk1 CK Composite Corridor Maroon Weathered (Bac) £33.96
39-311A BR Mk1 SP Pullman Second Parlour Grey & Blue (With Lighting) (Bac) (list £48.95) **BARGAIN** .. £26



39-291A BR Mk1 FP Pullman parlour 1st 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
39-501 BR Mk1 SLF Sleeper Car in blue & grey (Bac) £36.50



39-503 Pack of 4 BR Mk1 SLSTP Sleeper Car in blue & grey 'Inter-City' (Bac) (list £155.80) **BARGAIN** ... £122
39-503 Single (Bac) £33



R4646 BR Mk1 Parcels Coach 'Express Parcels' (Hor) £23.14



R4617A BR Mk2E First Class Open Coach (Hor) **NEW** £23.14
R4616 Intercity MK2E TSO tourist second open (Hor) £23.10



R4597A FGW Night Riviera Mk3 sleeper (Hor) £26.40
R4655 DB Schenker DVT 82148 (Hor) £39.81

Wagons



R6705 BR Railfreight HAA MGR Red Frame Wagon (Hor) £22.21
R6678A LMS Horse Box '42409' (Hor) £18.51



38-502 Megapack of 8 'Covhop' covered hopper in British Industrial Sand bauxite & black (Bac) (list £183.60) **BARGAIN** .. £126
38-502 Single (Bac) £18.28
38-502 Pack of 4 (Bac) (list £91.80) **BARGAIN** .. £66



37-479 1 plank wagon in BR bauxite (Late) (Bac) £8.46
37-478 1 plank wagon in LMS bauxite (Bac) £8.46
38-116 100 Ton TEA Bogie Tank Wagon 'Aviation Fuel' (Bac) £35.66
38-033 100 tonne HHA bogie hopper wagon COLAS (Bac) £33.96



38-030B Pack of 4 100 tonne HHA bogie hopper wagon in Freightliner Heavy Haul sliding end door (Bac) (list £159.80) **BARGAIN** £135.83
38-030B Single (Bac) £33.96



37-780 12 ton mogo van in BR bauxite (Bac) **NEW** £12.71



37-904 12 ton planked shock absorbing van planked ends in GWR grey (Bac) **NEW** £13.56



37-879 12 ton shock absorbing open wagon in BR bauxite (late) (Bac) **NEW** £13.56
38-072 12 ton Southern 2+2 planked ventilated van Express Dairies Eggs (Bac) £11.86



37-654A Pack of 4 14 Ton Tank Wagon 'Ronuk' (Bac) (list £63.80) **BARGAIN** .. £34
37-654A Single (Bac) (list £15.95) **BARGAIN** .. £9



37-253B 16 ton steel mineral wagon without top flap doors in BR grey - weathered (Bac) £12.71
37-537D 20 Ton Brake Van BR Bauxite (Late) - Weathered (Bac) £20.83
37-531 20 ton brake van in BR bauxite - weathered (Bac) £20.83



37-530 20 ton brake van in BR grey - weathered (Bac) £20.83
33-307 20 ton Toad brake van in BR bauxite (Bac) £11.86
33-308 20 ton Toad brake van BR grey - weathered (Bac) £12.71
4F-038-103 20T Steel Mineral West Midland Joint Electric - weathered (Dap) **NEW** £11



38-602 21 Ton Grain Hopper BR Bauxite (Late) (Bac) £19.51
38-601 21 Ton Grain Hopper BR Grey (TOPS) (Bac) £19.51



38-272 22 ton Presflo in Rugby Cement (Bac) £22
38-750 22 Ton STV Tube Wagon BR Bauxite (TOPS) Weathered (previously announced as BR grey) (Bac) £22.91
37-508 24 ton ore hopper wagon BR grey - weathered (Bac) £12.71



38-145 29 ton VDA sliding door box van in BR bauxite - weathered (Bac) £21.21
38-146 29 ton VDA sliding door box van BR Civil Link - weathered (Bac) £21.21



38-144 29 ton VDA sliding door box van in BR Railfreight - weathered (Bac) £21.21



38-042A 31 tonne OBA open wagon in BR Plasmor Blockfreight (Bac) **NEW** £18.66



38-044 31 tonne OBA open wagon in BR Railfreight brown (Bac) **NEW** £18.66

NEW



38-045 31 tonne ZBA Bass open wagon in BR brown (Bac) **NEW** £18.66



38-041B Megapack of 8 31 Tonne OBA open wagon in Railfreight (Bac) (list £175.60) ... **BARGAIN** .. £116
 38-041B Single (Bac) £16.53
 38-041B Pack of 4 (Bac) (list £87.80) **BARGAIN** .. £60
 38-120B 35 Ton VAA box van sliding door Railfreight red & grey - weathered (Bac) £20.36
 38-120B Pack of 4 (Bac) (list £95.80) **BARGAIN** .. £72



38-120B Megapack of 8 (Bac) (list £191.60) **BARGAIN** .. £136



38-126A Megapack of 8 35 Ton VBB box van sliding door in BR bauxite - weathered (Bac) (list £199.60) **BARGAIN** .. £136
 38-126A Single (Bac) (list £24.95) **BARGAIN** .. £20.36
 38-126A Pack of 4 (Bac) (list £99.80) **BARGAIN** .. £72



37-603A Megapack of 8 46 Tonne glw VGA sliding wall van in EWS - weathered (Bac) (list £175.60) **BARGAIN** .. £122
 37-603A Single (Bac) (list £21.95) **BARGAIN** .. £16
 37-603A Pack of 4 (Bac) (list £87.80) **BARGAIN** .. £62
 37-038 5 plank wagon steel floor E. B. Mason (Bac) (list £12.95) **BARGAIN** .. £8



37-064 Pack of 4 5 plank wagon wooden floor in Farndon (Bac) (list £51.80) **BARGAIN** .. £30
 37-064 Single (Bac) (list £12.95) **BARGAIN** .. £8



4F-031-020 6 wheel milk tanker "United Dairies" - weathered (Dap) £12



37-162 Pack of 4 8 plank end door wagon in "R. W. Hill & Son" (Bac) (list £59.80) **BARGAIN** .. £30
 37-162 Single (Bac) (list £14.95) **BARGAIN** .. £8



38-150A Megapack of 8 80 tonne glw BDA bogie bolster wagon in Loadhaul (Bac) (list £191.60) **BARGAIN** .. £112
 38-150A Single (Bac) (list £23.95) **BARGAIN** .. £15
 38-150A Pack of 4 (Bac) (list £95.80) **BARGAIN** .. £58



38-151B* Megapack of 8 80 Tonne glw BDA bogie bolster wagon in Railfreight (Bac) (list £191.60) **BARGAIN** .. £106
 38-151B* Single (Bac) (list £23.95) **BARGAIN** .. £14
 38-151B* Pack of 4 (Bac) (list £95.80) **BARGAIN** .. £54
 R6473 BR Brown mineral wagon x 3 (Railroad Flange) (Hor) (list £17.49) **BARGAIN** .. £12



38-427 Megapack of 8 Bulk grain bogie hopper in "Traffic Services Limited" (Bac) (list £479.60) **BARGAIN** .. £330
 38-427 Single (Bac) £46.71
 38-427 Pack of 4 (Bac) (list £239.80) **BARGAIN** .. £172



38-425 Megapack of 8 Bulk grain bogie hopper in VTG "Traffic Services" - weathered (Bac) (list £479.60) **BARGAIN** .. £370
 38-425 Single (Bac) £51.39
 38-425 Pack of 4 (Bac) (list £239.80) **BARGAIN** .. £192
 37-951B Conflat wagon BR bauxite BD container BR crimson B709076 (Bac) £13.56
 37-951B Pack of 4 (Bac) (list £63.80) **BARGAIN** .. £54.23



37-952 Conflat wagon in BR bauxite BD container in Speedfreight (Bac) £13.56
 38-347A FNA nuclear flask wagon sloping floor & oval buffers in standard Buff - Flask 43 (Bac) (list £29.95) **BARGAIN** .. £19
 R6366 Fuel wagon pack with Shell, Texaco & Total tankers (Hor) £12
 4F-016-101 Fylfes banana van in yellow - weathered (Dap) £9



38-250A IPA twin double deck car transporter in "STVA" red - weathered (Bac) £42.46



38-212A Pack of 4 JJA auto ballaster in Railtrack curved top profile (4 per rake each Generator wagon) (Bac) (list £199.80) **BARGAIN** .. £160
 38-212A Single (Bac) £42.46



38-200A Megapack of 8 JPA bogie cement hopper "VTG - Lafarge Cement" (Bac) (list £287.60) **BARGAIN** .. £166
 38-200A Single (Bac) (list £35.95) **BARGAIN** .. £22
 38-200A Pack of 4 (Bac) (list £143.80) **BARGAIN** .. £85
 38-751 Long Tube Wagon BR Bauxite (Early) (Bac) £22.06
 38-752 Long Tube Wagon BR Bauxite (Late) (Bac) £22.06



37-983 Pack of 2 Conflat wagons in BR bauxite (Bac) £25.46



37-672 Pack of 3 14 Ton tank wagons in British Tar - weathered (Bac) (list £46.95) **BARGAIN** .. £28



37-671 Pack of 3 14 Ton tank wagons in Fina - weathered (Bac) (list £46.95) **BARGAIN** .. £28
 37-236 Pack of 3 16 ton steel mineral wagons NCB lop flap doors - weathered (Bac) £33.96



38-287 Pack of 3 22 ton Presflos in BR bauxite - weathered (Bac) £66.73
 4F-035-003 Presflo wagon Bulk Tunnel Cement (ex-51011) (Dap) £9
 A017 Unpainted banana van (Dap) £6

Containers & Loads

Analogue controllers

4A-000-001 Load Sand x 4 (Dap) **NEW** £3.70



36-560 Plug in 0.7 Amp transformer separate speed controller, track connector wires & power clip (Bac) £25.54
 R8250 Standard Train Controller (an alternative to R965) Use R964 or P9200 transformer (Hor) £21

Analogue power supplies

P9200 Multi-purpose transformer for use R8250, Successor to R964 (Hor) £14

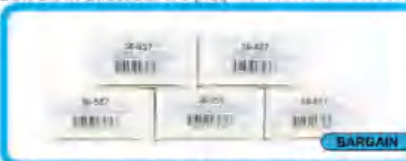
DCC decoders



36-554 21-pin 3-function 2-sided 1A decoder back EMF for slow running (Bac).£12



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



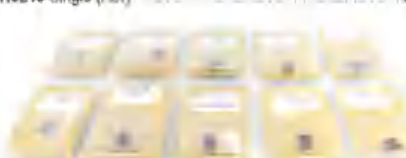
X9659 4-pin decoder for some train set locos and Sentinels (Hor) . . .£10
DCC27 8 & 21-pin 4-function 1A (1.8A peak) small OMNI decoder (measures 23 x 27 x 10mm) (Gau). . .£16



BPDC27 8 & 21-pin 4-function 1A (1.8A peak) small OMNI decoder (measures 23 x 27 x 10 mm) x 5 (Gau). . .£71



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

R8245 Sapphire digital decoder 1A current 1.5A stall (21 & 8-pin adapter included) (Hor) . . .£32

DCD-Z218 ZEN 218 21 & 8-pin 4-function 1.1A Decoder Stay Alive (22x18x4mm) (DCC) . . .£25

DCD-Z218-5 ZEN 218 21 & 8-pin 4-function 1.1A Decoder Stay Alive (22x18x4mm) (5 Pack) (DCC) . . .£100

DCD-Z360 ZEN 360 8-pin Direct 4-function 1.1A Decoder Stay Alive (14.2x12.5x3.5mm) (DCC) . . .£25

DCD-ZN6D ZEN 6-pin Direct 2-function 1.1A Decoder Stay Alive (13.5x8.5x3mm) (DCC) . . .£25

DCD-ZN8D ZEN Nano 8-pin Direct 4-function 1.1A Decoder Stay Alive (15x7x5mm) (DCC) . . .£28

DCD-ZN8D-5 ZEN Nano 8-pin Direct 4-function 1.1A Decoder Stay Alive (15x7x5mm) (5 Pack) (DCC) . . .£113

DCD-ZN8H ZEN Nano 8-pin Wired 4-function 1.1A Decoder Stay Alive (15x7x2.7mm) (DCC) . . .£28

DCC accessory decoders



R8247 DCC accessory decoder (for points and motors) (Hor) . . .£32
PC2 One Touch DCC Quad Point Controller x 4 (Tra) . . .£32

DCC controllers

R8213 DCC Select unit (boxed) (Hor) . . .£90



36-500 EZ Command DCC controller - boxed (Bac) £76.46



36-504 EZ Command Dynamis Ultima DCC system (Bac) . . .£250.71

DCC accessories

R8232 DCC Electro point clips (20 a pack - 2 used per point) (Hor) . .£3
R8239 Power and Signal Booster - can be used any DCC controlled system (Hor) . . .£74

Point motors



R8014 Mark 2 Point Motor (Hor) . . .£7



TT300 Slow motion DCC point motor (Tra) . . .£20



R8243 Surface Mounted point motor (Hor) . . .£7

Switches & Levers

R044 Passing contact lever frame switch (for point motors) (Hor) . .£9

Lighting equipment

DML-LMSSWVP 6 upright platform lamps and 2 swan-neck wall lamps - LMS (DCC) . . .£69.95
DML-MBS Buffer stop lamps x 2 (DCC) . . .£22.95
GM56 OO Buffer lights x 2 (Gau) . . .£10
CL1 Standard Coach Lighting Strips - Cool White (Tra) . .£17
CL2 Standard Coach Lighting Strips - Warm White (Tra) . .£17

Accessories

SFX20 Diesel loco sound capsule (with built in battery, speaker & motion detector) (Tra) . . .£37



SFX10 Steam loco sound capsule (with built in battery, speaker & motion detector) (Tra) . . .£37

Cables & Wires

OOWIRE5 OO Catenary Wires 138 mm x 10 (Dap) NEW . .£17.81
OOWIRE4 OO Catenary Wires 155 mm x 10 (Dap) NEW . .£19.51
OOWIRE3 OO Catenary Wires 177 mm x 10 (Dap) NEW . .£21.21
OOWIRE2 OO Catenary Wires 203 mm x 10 (Dap) NEW . .£23.76
OOWIRE1 OO Catenary Wires 337 mm x 5 (Dap) NEW . .£21.21



PL-80 Power feed joiners - Code 100/124 (x4 pairs) (Pec) . . .£5.50

Spares

36-026 10 x Mk2 Couplings mini type - long (Bac) . . .£4.68
SL-111 Finescale insulated rail joiners/fishplates (Code 70, 75 & 83) for OO & HO gauge - Pack of 12 (Pec) . . .£2



SL-110 Finescale rail joiners/fishplates (for code 70, 75 & 83) for OO & HO gauge - Pack of 24 (Pec) . . .£2



SL-11 Insulated rail joiners/fishplates (for OO, HO & O gauge code 100 rails incl. Hornby, Peco & Peco Streamline) - Pack of 12 (Pec) . . .£2



SL-10 Metal rail joiners/fishplates (for code 100 rails incl. Hornby, Peco & Peco Streamline). For OO, HO & O gauge - Pack of 24 (Pec) . . .£2.50
36-030 Mk2 Couplings NEM shaft (straight) pocket x 10 (Bac) . .£6
20KADEE NEM-362 Extra Long Coupler - 11.68 mm (29/64") (w/o Draft Gear Boxes) (2 pair) (Kad) . .£2.90



19KADEE NEM-362 Long Coupler - 10.61 mm (27/64") (w/o Draft Gear Boxes) (2 pair) (Kad) . .£3.50



18KADEE NEM-362 Medium Coupler - 8.63 mm (11/32") (w/o Draft Gear Boxes) (2 pair) (Kad) . .£3.50



TT4561 Tidy Track Roto Wheel Cleaner OO/HO Gauge (Woo) . . .£21.75

Wheel sets



R8218 14.1 mm coach wheels (pack of 10) (Hor) . .£5



44-267 Low Relief Corner Pub (Bac) **NEW** £25.46



44-264 Low Relief Hines Hair and Beauty (Bac) **NEW** £21.21

44-270 Low Relief Municipal Building (Bac) £31.41

44-227 Low Relief Rear of Victorian Tenements (204 x 56 x 160mm) (Bac) £42.46

PO275 Low relief terrace house fronts - stone (128w x 73d x 125h mm) (Met) £10

44-246 Low relief terraces (120 x 19 x 104mm) (Bac) £22.91

PO261 Pair of red brick terraced houses (Card Kit) (Met) £8

44-570 Quayside Corners (Bac) £23.76



R9825 Skaledale Railway Stores (Hor) **NEW** £18

PO283 Small factory kit (Met) £12

R8622 Terrace house (right hand) - Skaledale (Hor) £12

PO272 Terraced shop fronts - brick - 128 (w) x 73 (d) mm (Met) £12

44-0020 The Jackdaw Pub (Bac) £42.29

Man-made scenic structure - non-railway

LK-45 Flexible field fencing. Approx 1066mm (42in). 5 pieces (Pec) £3



44-016 Fuel Storage Tanks (Bac) £33.96

44-145 Highley Station Cattle Dock (106 x 44 x 40mm) (Bac) (list £38.95) **BARGAIN** £20

44-505 Security fences x 10 - Scenecraft range (Bac) £5

PO210 Self-adhesive Paving Slabs. Various sizes (Met) £6

44-563 Straight pavements x 4 (Bac) £6.46



SSMP200 Coarse Stone wall material. 4 x 13cm by 7.5cm sheets (Wll) £3

44-0017 Double-track overroad bridge (Bac) £42.46

R076 Foot Bridge (Hor) £14

C003 Girder Bridge plastic kit (Dap) £6.65

SSMP204 Granite Sets ground/floor/wall material. 4 x 13cm by 7.5cm sheets (Wll) £3



44-126 Modern Single Road Servicing Shed (Bac) £46.71



44-568 Quayside walls (Bac) £33.96

44-569 Quayside walls Steps (Bac) £33.96

M0054 Red brick card sheets - 4 x thick, 4 x thin. Plus 1 sheet of roofing slates (Met) £5



PO244 Retaining Wall in Red Brick - 4 sections per kit (Met) £11



PO245 Retaining Wall in Stone - 4 wall sections per kit (Met) £11

537 Retaining Walls x 2 (total 350mm long) (Flat) £6.50

PO249 Tapered Retaining Wall in Stone (Met) £12

Grass, Ground, Lichen, Hedges & Foliage

LH500 4 lengths of 170mm large hedge (K&M) £11

Minerals, Water & Rocks

GM114 Granite Ballast - OO & HO gauge - large bag 500g (Gau) £3

People - civil

36-407 1950s Train Crew x 6 (Bac) £6.21



36-047 Locomotive staff x 6 (Bac) £6.21

36-045 Station passengers sitting x 6 (Bac) £6.21

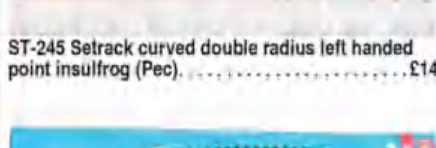
36-044 Station passengers standing x 6 (Bac) £6.21

36-043 Station staff x 6 (Bac) £6.21

Track - Code 100 Sctrack



ST-245 Sctrack curved double radius left handed point insulfrog (Pec) £14



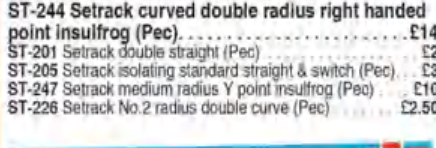
ST-244 Sctrack curved double radius right handed point insulfrog (Pec) £14

ST-201 Sctrack double straight (Pec) £2

ST-205 Sctrack isolating standard straight & switch (Pec) £3

ST-247 Sctrack medium radius Y point insulfrog (Pec) £10

ST-226 Sctrack No.2 radius double curve (Pec) £2.50



ST-241 Sctrack No.2 radius left handed point insulfrog (Pec) £9



ST-240 Sctrack No.2 radius right handed point insulfrog (Pec) £9

ST-225 Sctrack No.2 radius standard curve (Pec) £2

ST-231 Sctrack No.3 radius double curve (Pec) £3

ST-235 Sctrack No.4 Radius Standard Curve. No "double" version produced - use 16 to form a circle (Pec) £2



ST-204 Box of 24 Sctrack Quad Straight (Pec) £76

ST-204 Single (Pec) £3.50

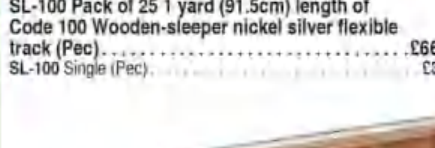
ST-200 Sctrack standard straight (Pec) £1.50

Track - Code 100 Streamline



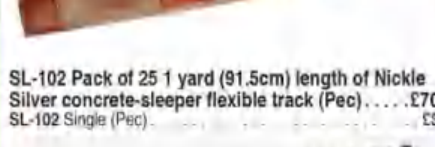
SL-100 Pack of 25 1 yard (91.5cm) length of Code 100 Wooden-sleeper nickel silver flexible track (Pec) £66

SL-100 Single (Pec) £3



SL-102 Pack of 25 1 yard (91.5cm) length of Nickle Silver concrete-sleeper flexible track (Pec) £70

SL-102 Single (Pec) £3



SL-E99 3 way medium radius point electrofrog (Pec) £25

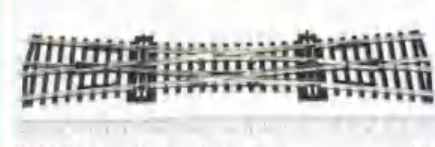


SL-99 3 way medium radius point insulfrog (Pec) £25

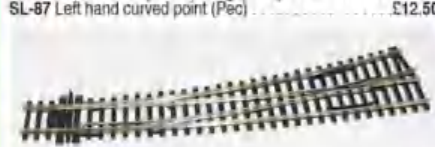


SL-90 Double slip insulfrog (Pec) £31

SL-87 Left hand curved point (Pec) £12.50



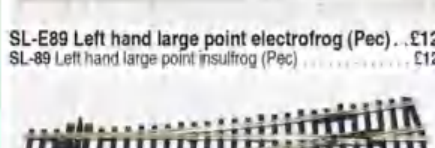
SL-E87 Left hand curved point electrofrog (Pec) £12.50



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

Train Packs



R3300 BR 4-6-2 'Winston Churchill' Battle of Britain Class - Late BR Funeral Train Pack Limited Edition

R3299 Going Home' 70th Anniversary of the end of WWII Train Pack Limited Edition

The Silver Jubilees
Pre-order for £134.25



R3306 LNER 4-6-2 'Silver Link' A4 Class
R3307 LNER 4-6-2 'Quicksilver' A4 Class
R3308 LNER 4-6-2 'Silver King' A4 Class
R3309 LNER 4-6-2 'Silver Fox' A4 Class

West Country Class
Pre-order from £108



R3115 BR 4-6-2 'Exeter' West Country Class - BR (Early)
R3310 BR 4-6-2 'Bude' West Country Class - BR (Late)

Black 5



R3323 BR 4-6-0 Black 5 Class
King Class
Pre-order from £148.14



R3330 GWR 4-6-0 'King George V' 6000 Class
R3331 GWR 4-6-0 'King James I' 6000 Class
R3332 BR 4-6-0 'King Edward VIII' 6000 Class, BR (Late)
R3370TTS BR 4-6-0 'King Richard II' 6000 Class, BR (Early) with TTS Sound

Maunsell S15 Class
Pre-order from £124.99



R3327 SR 4-6-0 Maunsell S15 Class - SR
R3329 BR 4-6-0 Maunsell S15 Class, BR (Late)

K1 Class
Pre-order from £120.36



R3305 BR 2-6-0 K1 Class - BR (Early), Weathered

Fowler 2P Class
Pre-order from £92.58



R3315 BR 4-4-0 Fowler 2P Class - BR (Late)
R3316 S&DJR 4-4-0 Fowler 2P Class

Adams Radial
Pre-order for £111.10



R3333 BR 4-4-2T Adams Radial BR (Early)
R3334 BR 4-4-2T Adams Radial BR (Late)
R3335 LSWR 4-4-2T Adams Radial

J50 Class
Pre-order for £74.06



R3324 LNER 0-6-0T J50 Class
R3325 BR 0-6-0T J50 Class, BR (Early)
R3326 BR 0-6-0T J50 Class, BR (Late)

Class 71
Pre-order for £127.50



R3373 BR Class 71 'E5001' NRM - BR Green
R3374 BR Class 71 '71012' - BR Blue
R3376 BR Class 71 'E5022' - BR Green

Class B17
Pre-order from £106.00



R3003 Class B17 4-6-0 'Barnsley' in BR green with late crest
R3004 Class B17 4-6-0 61631 'Serlby Hall' in BR Green with early emblem
R3318 Class B17/6 4-6-0 61646 'Gilwell Park' in BR green with early emblem

Class 08
Pre-order from £86.60



R3261 Class 08 08417 in Network Rail livery
R3342 Class 08 08489 in BR blue
R3343 Class 08 08822 'John' in FGW livery

2-HAL EMU
Pre-order for £120.60



R3341 BR 2-HAL 2 Car Electric Multiple Unit Train Pack, BR Blue

Collett Coaches
Pre-order from £36.00



R4679 Collett corridor 3rd class in GWR brown & cream livery
R4680 Collett corridor 3rd class brake - Right hand in GWR brown & cream livery
R4681 Collett corridor 3rd class brake - Left hand in GWR brown & cream livery
R4682 Collett corridor composite - Left hand in GWR brown & cream livery
R4683 Collett corridor composite - Right hand in GWR brown & cream livery
R4684 Collett corridor 3rd class in BR crimson & cream livery
R4685 Collett corridor 3rd class brake - Right hand in BR crimson & cream livery
R4686 Collett corridor 3rd class brake - Left hand in BR crimson & cream livery
R4687 Collett corridor composite - Left hand in BR crimson & cream livery
R4688 Collett corridor composite - Right hand in BR crimson & cream livery

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BR Hawksworth Auto Trailer Pre-order for £58.61



39-575 Auto Trailer in Crimson & Cream
39-576 Auto Trailer in Maroon
39-577 Auto Trailer in Crimson
Patriot Class 4-6-0
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31-204 5530 "Sir Frank Ree" in LMS crimson
Class A2 4-6-2
Price Estimated at £144.45



31-528A 60529 "Pearl Diver" in BR lined green with late crest
31-531 60536 "Trimbush" in BR lined green with early emblem

Class O4 Robinson 2-8-0 Pre-order for £131.50



31-003A 6184 in LNER Black
31-004A 63762 in BR Black with early emblem

Class 3F Fowler Jinty 0-6-0 tank



32-227B 3741 in LMS black £72.21
32-235 47673 in BR black with late crest - weathered £80.71

Class 08 Diesel Shunter



Pre-order from £76.46
32-115B 08818 in BR blue with wasp stripes - weathered
32-119 08907 in DB Schenker red
32-120 13287 in BR plain green early emblem

Class 47 Diesel



31-659 47001 in BR blue - weathered £110.46
31-659DS 47001 in BR blue pristine - DCC sound £203.95

Class 90 Electric Price Estimated at £119.00



32-610 90023 in Intercity Swallow with 21-pin socket
32-611 90037 in Railfreight Distribution with 21-pin socket
32-612 90042 in Freightliner Powerhaul with 21-pin socket

Class 25/3 Diesel Pre-order for £93.46



32-408 25286 in BR blue with domino headcode

Class J72 0-6-0T Price estimated at £75.00



31-060 8680 in LNER lined green
31-061 69001 in BR black with early emblem
31-062 69028 in BR black with late crest



www.ehattons.com/oxfordrailpreorders OXFORD

Adams Radial 4-4-2T - £88



OR76AR001 - Adams Radial 4-4-2T 30583 in BR late black
OR76AR002 - Adams Radial 4-4-2T 30584 in BR early black
OR76AR003 - Adams Radial 4-4-2T 488 in LSWR livery
(Image courtesy of Ben Brooksbank)

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OR76MW7003 - E Wellford & Son
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OR76MW7005 - Coventry Collieries
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Class 6P Royal Scot 4-6-0
Price Estimated at £135.00



31-285 6130 'The West Yorkshire Regiment' in LMS crimson
31-286 46163 'Civil Service Rifleman' in BR black
31-287 46151 'The Royal Horse Guardsman' BR green

Class V2 2-6-2
Pre-order for £135.00



31-566 3645 in LNER black
31-567 60881 in BR green with late crest

Class J39 0-6-0
Pre-order for £80.00



31-866 1803 in LNER Black
31-867 64792 in BR black with early emblem

Class K3 2-6-0
Pre-order for £95.00



32-279A 1304 in LNER lined black
32-281 61862 in BR lined black with early emblem
Class 94xx 0-6-0
Price Estimated at £85.00



35-026 9402 in GWR Green
35-026 9487 in BR black with early emblem
35-027 9479 in BR black with late emblem
LNWR 0-6-2T Webb Coal Tank
Price Estimated at £101.96



35-050 LNWR plain black livery
35-051 LMS black livery
35-052 BR black early emblem

Class 70 diesel
Prices estimated from £98.00



31-590 70015 in Freightliner livery with
air intake modifications £152.95
31-591 70805 in Colas livery with air duct boxes £98.00

Class 117 3-Car DMU
Price estimated at £170.00



35-500 Class 117 3 car suburban DMU in
BR green with speed whiskers
35-501 Class 117 3 car suburban DMU in BR blue & grey
35-502 Class 117 3 car suburban DMU in Network SouthEast livery

Class 121 "Bubble Car" DMU
Price estimated at £127.50



35-525 Class 121 'Bubble Car' single car DMU
in BR green with speed whiskers
35-526 Class 121 'Bubble Car' single car DMU in BR blue & grey
35-527 Class 121 'Bubble Car' single car
DMU in Network SouthEast livery

Limited Edition J94s & Austerlitzs, Class 14xx & Kings from Hatton's, being produced by DJ Models

Class 14xx
Pre-order for £99



Pristine

H1401 48xx 4825 in GWR unlined green Great Western
H1404 58xx 5808 in GWR unlined green Shitbutton
H1405 14xx 1420 in GWR unlined green G W R
H1406 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
H1413 14xx 1444 in BR lined green early emblem
H1414 14xx 1450 BR lined green late crest
H1416 14xx 1409 BR unlined green late crest

Lightly Weathered

H1402 58xx 5814 in GWR unlined green Great Western
H1403 48xx 4871 in GWR unlined green Shitbutton
H1405 48xx 4807 in GWR wartime black G W R
H1407 58xx 5802 in GWR unlined green G W R
H1411 58xx 5801 in BR unlined green G W R

Heavily Weathered

H1412 14xx 1474 in BR unlined black early emblem
H1415 14xx 1432 BR lined green late crest

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Austerlitz & J94 Limited Editions of 200
Pre-order for £99



Pristine

J9401 "Robert" in NCB Bold Colliery lined green
J9402 71515 in Mech Navvies maroon
J9407 4 in NCB Backworth Colliery lined black
J9408 98 "Royal Engineer" in Army green
J9410 15 in Wemyss Private Railway lined brown

Lightly Weathered

J9403 J94 68012 in BR black late crest
J9405 "Hurricane" in NCB Bickershaw Colliery lined
green J9409 7 in NCB Littleton Colliery lined blue

Very Heavily Weathered



J9404 1763 NCB Peckfield Colliery lined maroon with chevrons
J9406 8 in NCB Mountain Ash Colliery lined green

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Class 6000 King
Pre-order for £169



HK01 6000 "King George V" in GWR lined green with roundel
HK02 6019 "King Henry V" in GWR lined green with shield
HK03 6021 "King Richard II" in GWR lined green with shirtbutton
HK04 6029 "King Edward VIII" in GWR un-lined wartime green
HK05 6018 "King Henry VI" in GWR lined green
HK06 6025 "King Henry III" in BR ultramarine blue
HK07 6027 "King Richard I" in BR/GWR lined green
HK08 6028 "King George VI" in BR lined blue with early crest



HK09 6023 "King Edward II" in BR lined blue with early crest
HK10 6009 "King Charles II" in BR lined green with early crest
HK11 6017 "King Edward IV" in BR lined green with late crest
HK12 6026 "King John" in BR lined green with late crest
HK13 6005 "King George II" in BR lined green with late crest
HK14 6024 "King Edward I" in BR lined green with late crest
HK15 6000 "King George V" in BR lined green with early emblem

DCC Fitted versions also available for £179
HK01DCC - HK15DCC

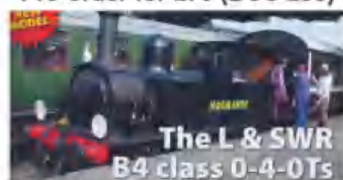
www.ehattons.com/king

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Pre-order prices subject to manufacturer RRP

OO Gauge LSWR Class B4 0-4-0
Pre-order for £79 (DCC £98)



- 4S-018-001 96 'Normandy' in Southern Railway black
4S-018-002 96 'Caen Brown' in Southampton Docks brown
4S-018-003 88 in Southern Railway green
4S-018-004 30082 in BR black with early emblem
4S-018-005 30096 in BR black with late crest

OO Gauge Class 73 Electro-Diesel
Pre-order for £105



- 4D-006-000 73102 'Airtour Suisse' in InterCity livery
4D-006-001 73105 in BR blue with large logo
4D-006-002 73124 in BR blue with full yellow ends
4D-006-003 73135 in BR blue with full yellow ends
4D-006-004 E6003 in BR green with lower grey panels
4D-006-005 E6039 in early blue with small yellow panels
4D-006-006 73138 in Civil Engineers grey & yellow

N Gauge Class 50 Diesel
Pre-order for £106



- 2D-002-000 D406 in BR blue livery (unrefurbished)
2D-002-001 50043 in BR blue livery (unrefurbished)
2D-002-002 50040 'Leviathan' in BR large logo blue livery
2D-002-003 50037 'Illustrious' in original Network SouthEast livery

dapol Forthcoming Items

Class 68 Diesel

OO Gauge available to pre-order for £118.00
N Gauge available for £110



Image ©Neil Sutton
OO Gauge codes begin "4D"
N Gauge codes begin "2D"

- 2D/4D-022-001 Class 68 Diesel 68002 'Intrepid' in DRS livery
2D/4D-022-002 Class 68 Diesel 68005 'Defiant' in DRS livery
2D/4D-022-003 Class 68 Diesel 68010 in Chiltern livery
2D/4D-022-004 Class 68 Diesel 68014 in Chiltern livery
2D/4D-022-005 Class 68 Diesel 68006 'Daring' in Scotrail
2D/4D-022-006 Class 68 Diesel 68007 'Valiant' in Scotrail

OO Gauge Class 29 Diesel
Pre-order for £104



- 4D-014-000 D6130 BR green full YWP
4D-014-001 D6114 BR green small YWP
4D-014-002 D6130 BR blue with warning panel
4D-014-003 D6123 BR green small YWP

See all Dapol forthcoming releases at
www.ehattons.com/dapolpreorders

N Gauge Class V Schools
Pre-order for £101 (DCC £118)



- 2S-002-000 30926 'Repton' BR lined green late logo
2S-002-001 905 'Tonbridge' Malachite green Southern livery
2S-002-002 921 'Shrewsbury' BR black with early emblem
2S-002-003 929 'Malvern' Malachite green

O Gauge Class 08 Shunter
Pre-order for £169
(DCC Sound £TBA)



- 7D-008-000 D3048 in BR green late crest & no warning panels
7D-008-001 13115 in BR green early crest & no warning panels
7D-008-002 08529 in BR blue with wasp stripes
7D-008-003 D3084 in BR green with wasp stripes & late crest

Also available to pre-order with DCC Sound - prices TBA - sign up for notifications on our website today

N Gauge Class 142
Pre-order for £91



- ND116A Northern Rail 142065
ND116B Regional Railways 142081
ND116C Northern Spirit 142025
ND116D Arriva Trains Wales 142085
ND116E Tyne and Wear PTE 142021

HELJAN Forthcoming Items

OO Class 02 Tango 2-8-0
Pre-order for £148



- 3920 3965 LNER black with flush tender
3921 63983 early BR Black with flush tender
3922 63975 BR black with late crest, flush tender
3923 63982 BR black with late crest, flush tender
3910 3965 LNER black with stepped tender
3911 63954 BR black with early crest, stepped tender
3912 63948 BR black with late crest, stepped tender
3913 63952 BR black with late crest, stepped tender

OO GWR 1366 Class Pannier Tanks



Liveries and prices TBA

O Gauge Class 60 Diesel
Pre-order for £499



- 6000 in Railfreight triple grey
6001 in Loadhaul
6002 in EWS

O Gauge Wagons
Preorder for £145



- 5900 IWB bogie van in Cargowagon livery
5901 IWB bogie van in plain silver livery
5902 IWB bogie van in Blue Circle livery
5903 IWB bogie van in Great Britain to the Continent livery
DUE Sep-Dec - see ehattons.com/heljanpreorders



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-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-80 Single slip insulfrog (Pec) £28
SL-97 Small Y point (Pec) £9.50
SL-E97 Small Y point electrofrog (Pec) £9.50

Track - Code 75 FineScale Streamline

SL-102F 1 yard (91.5cm) length of finescale Nickel Silver concrete-sleeper flexible track (Pec) £3
SL-102F Pack of 25 (Pec) £72



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) £27



SL-E190 Finescale double slip electrofrog (code 75 Rail) (Pec) £35



SL-E187 Finescale left hand curved point electrofrog (Pec) £12.50



SL-E189 Finescale left hand large point electrofrog (Pec) £12



SL-E196 Finescale left hand medium point electrofrog (Pec) £12



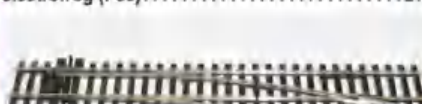
SL-E192 Finescale left hand small point electrofrog (Pec) £10



SL-E186 Finescale right hand curved point electrofrog (Pec) £12.50



SL-E188 Finescale right hand large point electrofrog (Pec) £12



SL-E195 Finescale right hand medium point electrofrog (Pec) £12



SL-E191 Finescale right hand small point electrofrog (Pec) £10



SL-E180 Finescale single slip electrofrog (code 75 rail) (Pec) £33

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) £2.50
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 Circle of 8 3rd radius double curve track (8 make a circle) (Hor) £22
R609 Single (Hor) £3
ST-2031 3rd radius Double Curve Track (ST-201 x 4) (Pec) £11
ST-2035 4th radius Standard Curve Track (ST-235 x 8) (Pec) £16



R8262 Double 4th radius curve (8 make a circle) (Hor) £3
R618 Double Isolating track (Hor) £7



R601 Box of 24 Double Straight (Hor) £49
R601 Single (Hor) £2.25
ST-2001 Double Straight Track (ST-201 x 8) (Pec) £16
R8222 Extension Pack B. Contains 1 x R8073, 2 x R600, 4 x R607, 1 x R606, 1 x R803 (Hor) £21
R8074 Left hand curved point (Hor) £14.40
R8077 Left hand Express point (Hor) £16



R8072 Left Hand Standard Point (Hor) £9
36-874 Left-hand curved point Radii 438mm Arcs 22.5 & 33.75 (same as Hornby R8074) (Bac) (list £13.70) **BARGAIN** £11



36-872 Left-hand standard point (Bac) £7.52
R603 Long Straight (Hor) £3.25



36-603 Box of 10 Long straight track nickel silver (same as R603) (Bac) (list £34) ... **BARGAIN** £24.80
 36-603 Single (Bac) £2.76
 DCX-PBB PowerBase Track Plates for OO Gauge (5m) Pack of 50 (DCC) £14
 R8075 Right hand curved point (Hor) £14.40



R8073 Right Hand Standard Point (Hor) ... £9
 36-673 Right-Hand Standard Point (Bac) £7.52
 R610 Short Straight (Hor) £1.50



R621 Pack of 24 Single 970mm length of flexible track (Hor) ... £66
 R621 Single (Hor) £3
 R600 Standard Straight (Hor) £1.40
 R600 Box of 24 (Hor) £33
 36-601 Straight track 335mm (same as Hornby R601) (Bac) £1.70
 R617 Uncoupling Ramp (Hor) £3
 R8076 Y Point (Hor) £12

Track underlay

ST1474 24' Of OO/HO Gauge Track Underlay in A Continuous Roll - 5mm x 1.75 x 24' (Woo) ... £7.40

GM200 5 metres of realistic grey ballasted OO gauge underlay (Gau) ... £19



SL-50 Roll of foam track underlay sleeper Indentation. Suitable for Setrack and Streamline 5m long (16' 4") (Pec) ... £9
 R638 Roll of track foam underlay Approx: 4880mm (16ft) (Hor) £9

Railway publications

36-2015 Bachmann Branchline 2015 Catalogue (Bac) ... £6.80
 R8150 Hornby 2015 Catalogue (Hor) ... £7.50

Buses

35308EFE 6 Bay Leyland Leopard Southdown (EFE) ... £32.95
 UK8021 ADL Enviro200 Dart London General (Nor) ... £45
 34303 AEC 2RT2 bus "London Transport" in red (EFE) ... £24



40201EFE Atkinson Artic Boxvan - National Carriers (EFE) **NEW** ... £25
 20140 Bedford OB Coach - Southdown (EFE) ... £26.50
 13917 Bristol FLF Lodekka "Fife Scottish" (EFE) ... £23

B114B Bristol Lodekka LD6G - Red & White (147) (Bas) £19.50
 B206B Bristol MW SD - United Counties (365 Ris) (Bas) ... £17
 B202A Bristol MW Single Deck Bus "Crosview" to Blaenau Ffestiniog (circa 1964-1977) (Bas) ... £16



B205B Bristol MW5G - Ribble (Ribble Red) (623) (Bas) **NEW** ... £17



B205A Bristol MW5G - Ribble (Tilling Red) (334) (Bas) **NEW** ... £17
 B206A Bristol MW6G - United Counties (1X London) (Bas) £17



25005 Bristol RELL Flat Front 'West Yorkshire N.B.C.' (EFE) ... £26.50



38122 Bristol VRT 'Solent Blue Line' (EFE) **NEW** ... £26.50



38119 Bristol VRT BR Engineering Training Bus (EFE) **NEW** ... £33
 OM41610A Crossley DD42, Ashton Corporation, Glossop (Cor) ... £29.99



DA93 D Series Artic Van - Green Shield Stamps (Bas) **NEW** ... £9
 18017 Daimler Fleetline 'Bournemouth Corporation' (EFE) ... £28



26412 Daimler Utility Bus 'Wilts & Dorset' (EFE) **NEW** ... £28



DA92 Foden DG Ballast Tractor & Low Loader Trailer 'Pickfords' (Circa 1937 - 1950) Reg.No: DLT 331 (Bas) **NEW** ... £12
 AN2-06 Leyland Atlantean PR 2DR 'Black Prince' (Bri) (list £32.99) **BARGAIN** ... £8
 29612 Leyland Olympian 'Arriva Yorkshire' (EFE) ... £16



29634 Leyland Olympian 'Sovereign Buses' (EFE) **NEW** ... £28

R603Britbus Leyland Olympian Alexander R Type double deck bus "First Centrewest-Challenger". L24 GAN (Bri) (list £32.99) **BARGAIN** ... £9

OM46611A New Routemaster, London United, 10 Hammersmith (Cor) ... £29.99

OM46611B New Routemaster, London United, 10 King's Cross (Cor) ... £29.99



20650EFE Plaxton Pointer Dart 'Clydeside' (EFE) **NEW** ... £28

36712EFE Plaxton SLF Dart 'Norfolk Green' (EFE) ... £26.50

32005EFE RCL Routemaster Coach 'London Country' (EFE) £26.50



OM46309B Routemaster, East Midland, 15A Mansfield (Cor) (list £29.99) **NEW** ... **BARGAIN** ... £24



OM46309A Routemaster, East Midland, 16 Clipstone (Cor) (list £29.99) **NEW** ... **BARGAIN** ... £24

R812 Scania Alexander R "Scania - The Cleaner, Quieter bus" (Bri) (list £32.99) **BARGAIN** ... £10

R803*- Scania Alexander R d/deck bus "Maidstone Boro'Line" (Bri) (list £36) **BARGAIN** ... £9.50

36709 SLF Dart Series 2 One Door - "First Southampton" (EFE) £26



76SET38 Southdown Centenary Set Leyland Royal Tiger & Weymann Fanfare (Oxf) ... £23

76IRZ005 Scania Irizar PB White (Oxf) ... £16



76LRT006 Leyland Royal Tiger Coach Lough Swilly (Oxf) ... £13



76PAN002 Plaxton Panorama Flights (Oxf) ... £12

OM46709B Wright Eclipse 2, Perymans, 67 Berwick-upon-Tweed (Cor) £29.99
OM46502B Wright Eclipse Gemini 2 "Brighton and Hove, 7 Hove George Street" NEW TOOLING (Cor) £32

NEW



OM46508A Wright Eclipse Gemini 2, Tower Transit, 25 Ilford (Cor) (list £29.99) NEW BARGAIN £24

NEW



OM46508B Wright Eclipse Gemini 2, Tower Transit, 25 Oxford Circus (Cor) (list £29.99) NEW BARGAIN £24

Cars



76AUS001 Austin 1300 Bronze Yellow (Oxf) £4.75



76ACF001 Austin Cambridge Persian blue/white (Oxf) £5

NEW



76ASS003 Austin Seven RN Saloon Maroon (Oxf) NEW £5
44-533 Blister of 8 cars to fit IPA car transporter wagon, 2 needed for each 38-250 (Bac) £10.16

NEW



76SP103 Carfest 2015 (Oxf) NEW £9.95
76105007 Ford Anglia in light blue/Ermine white (Oxf) £3.50

NEW



76MBC002 Messerschmitt KR200 Cabrio Mimosa Yellow (Oxf) NEW £4.45
76W0004 Wolseley 18/85 Maroon/Ivory (Oxf) £4.45

Commercial vehicles

L14 2 forklift trucks - 1 red, 1 yellow (Bas) £7
DA89 AEC Mammoth Major flatbed steel bar load - "Rosser of Pontiliff" (Circa 1957 - 1967) (Bas) £10

NEW



76ASV003 Austin Seven RN Van Liptons Tea (Oxf) NEW £5
DG226000 Coles Argus 6 Ton Crane - Yellow (Cor) (list £18.99) BARGAIN £10
76D28001 DAF 2800 40ft Curtainside Robsons (Oxf) £18
76DAF002 DAF 85 2 Axle 40ft Box Trailer Parcelforce (Oxf) £18
DA90 Dodge PN Tipper - "Hooveringham Grave" (Circa 1955 - 1965) (Bas) £7.99

NEW



76TCAB007 Eddie Stobart Scania T Cab Curtainside (Oxf) NEW £18

NEW



76LV003 ERF LV Flatbed Trailer Eddie Stobart (Oxf) NEW £12

NEW



76FDE001 Ford 400E Van British Rail (Oxf) NEW £5
76FCG001 Ford Cargo Box Van "BRS" (Oxf) £11
76FCG002 Ford Cargo Box Van in white (Oxf) £11

NEW



76FT1001 Ford Transit Mk1 White (Oxf) NEW £5

NEW



76FT3001 Ford Transit Mk3 White (Oxf) NEW £5
76FT001 Ford Transit van medium height roof in plain white (Oxf) £4
76FCR001 Fowler B6 Crane Marston's Duke of York (Dorset) (Oxf) £13

NEW



76FB6002 Fowler B6 Showmans Locomotive (Dorset) Supreme (Oxf) NEW £13



76LRC002 Land Rover FT6 Carmichael Westland Aircraft Ltd (Oxf) £8

NEW



76DAF003 Leyland Daf FT85CF Curtainside Eddie Stobart (Oxf) NEW £18
DA36 Leyland FG flatbed M.G. Williams - Coal Merchant load of coal & coke sacks (circa 1965 - 1975) (Bas) £8.99

NEW



76MB001 Mercedes Actros MP4 GSC Curtainside "Eddie Stobart" (Oxf) NEW £21
76TR010 Mobile Trailer AA (Oxf) £7

NEW



76SC110003 Scania 110 Flatbed Trailer James McBride (Oxf) NEW £13



76S143002 Scania 113 Tipper Reids of Minishant (Oxf) £18
76S143001 Scania 143 40ft Curtainside Pollock (Oxf) £18
76WHSCACAB Scania cab - plain white (no or operator) (Oxf) £8

NEW



76SHL06WF Scania Highline - Eddie Stobart - A P McCoy (Oxf) NEW £18
76SHL01CT Scania Highline Combitrailer & Container "Eddie Stobart" (Oxf) £20
76SHL03TK Scania Highline Petrol Tanker "Eddie Stobart" (Oxf) £18

NEW



76SHL03WF Scania Highline Walking Floor A W Jenkinson (Oxf) NEW £19
76SHL02WF Scania Highline Walking Floor Eddie Stobart (Oxf) £19
76SHL02TK Scania R Series Petrol Tanker "W H Malcolm" (Oxf) £18



76DBU002 Scania Topline Drawbar A. Pettifor & Son (Oxf) £23

76DBU001 Scania Topline Drawbar Unit "Eddie Stobart" (Oxf) £22



76VOL4001 Volvo FH4 Curtainside Eddie Stobart (Oxf) £19

Farming & Construction

NEW



76SET36 3 Piece Farm Trailers (Oxf) NEW £14

NEW



76FARM006 Baler Blue (Oxf) NEW £5

NEW



76FARM005 Farm Trailer Green (Oxf) NEW £5

NEW



76FARM004 Livestock Trailer Red (Oxf) NEW £5



76MF001 Massey Ferguson 135 in Red (Oxf) . . £4.75

Military ground vehicles

76QLD002 Bedford QLD 1st Armoured Division 1941 (Oxf) NEW £11

76QLD001 Bedford QLD Army Fire Service (Oxf) £11



76DT001 Diamond T980 Tank Transporter TRC Western Desert 1942 GHQ Cairo (Oxf) £20

76LAN188020 Land Rover Series 1 88" Canvas REM (Oxf) £4

76SP005 Pioneer Recovery Tractor "RAF Blue Scammell" (Oxf) £9

Public Service vehicles



76SET31 6 Piece London Fire Brigade 150th Anniv. WLG/TLM/Regent/F8/F106/AEC (Oxf) £70

NEW



76PB008 Commer PB Royal Mail (Oxf) NEW £5

76FTC003 Ford Transit Connect Cork City Fire Brigade (Oxf) £5.75



76FTC001 Ford Transit Connect Royal Mail (Oxf) £4.75

76FT020 Ford Transit LWB High Roof West Sussex (Oxf) £5



76LRC001 Land Rover FT6 Carmichael "Cheshire County Fire Brigade" (Oxf) £8.95

NEW



76LRC003 Land Rover FT6 Carmichael Forth Road Bridge (Oxf) NEW £8

76LAN1109009 Land Rover Series 1 109" Canvas (Oxf) £5

76TLM007 Leyland TLM Fire Engine Closed Cab Morecambe & Heysham (Oxf) £10

Trams



CE00608 Tram car in red (Bac) £54

Tools

BS-HO-01 HQ/OO Scale Ballast Spreader (Pro) £11

N Gauge Steam locos



ND095a Britannia Pacific 4-6-2 70000 "Britannia" in BR Green late crest and original smoke deflectors (Dap) £107



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-009-004 Class 2884 2-8-0 3803 GWR green GWR lettering (Dap) £105



372-625 Class 2MT Ivatt 2-6-0 46521 in BR lined green late crest (Gra) £93.46

2S-015-004 Class 2MT Ivatt 2-6-2 BR black early emblem - weathered (Dap) £57



2S-015-003 Class 2MT Ivatt 2-6-2 in BR black late crest (Dap) £53



2S-009-005D Class 3800 2-8-0 3819 in GWR green GWR lettering. DCC Fitted (Dap) £123

2S-010-003D Class 49xx Hall steam loco 4958 'Priory Hall' in GWR lined green. DCC fitted (Dap) £111

372-061 Class 4F 0-6-0 3851 LMS black Johnson tender (Gra) £93.46



372-062 Class 4F 0-6-0 43875 in BR black early emblem & Johnson tender (Gra) £93.46

372-060 Class 4F 0-6-0 43924 BR black late crest & Fowler tender (Gra) £93.46

372-750 Class 4MT Fairburn 2-6-4 tank 2591 LMS black (Gra) £97.71



372-752 Class 4MT Fairburn 2-6-4 tank 42073 in BR black late crest (Gra) £97.71

372-138 Class 5 4-6-0 5190 in LMS plain black (Gra) . £110.46



2S-007-007D Class 5700 Pannier 0-6-0 4607 in BR black early crest - DCC Fitted (Dap) £82

2S-007-005D Class 5700 Pannier 0-6-0 L97 London Transport maroon - DCC Fitted (Dap) £82

2S-007-006D Class 5700 Pannier 0-6-0 L97 London Transport maroon - DCC Fitted (Dap) £82



2S-007-007 Class 57xx Pannier #4607 in BR black early crest (Dap) £61
 2S-007-009 Class 57xx Pannier #5724 GWR Green 'GWR' Lettering (Dap) £61
 2S-007-011 Class 57xx Pannier 0-6-0 6746 GWR green shirtbutton emblem (Dap) £61



2S-007-011D Class 57xx Pannier 0-6-0 6746 in GWR green shirtbutton emblem - DCC fitted (Dap) ... £88
 2S-007-010 Class 57xx Pannier 0-6-0 8700 GWR green shirtbutton emblem (Dap) £61



2S-019-002 Class 6800 4-6-0 6802 "Bampton Grange" in GWR green 'G & W' lettering (Dap) £100
 2S-019-006 Class 6800 4-6-0 6803 "Bucklebury Grange" in BR lined green late crest (Dap) £100
 2S-019-001 Class 6800 4-6-0 6820 "Kingstone Grange" in GWR green shirtbutton emblem (Dap) £100



2S-019-005 Class 6800 4-6-0 6837 "Forthampton Grange" in BR lined green early emblem (Dap) £100
 372-481 Class 6P Jubilee 4-6-0 45572 'Eire' in BR lined green late crest - weathered (Gra) £116.96



2S-001-003D Class 7800 Manor 4-6-0 7805 "Broome Manor" in GWR green GWR lettering. DCC Fitted (Dap) **NEW** £119



2S-001-004D Class 7800 Manor 4-6-0 7821 "Ditchat Manor" in BR Mixed Traffic Black Early Crest. DCC Fitted (Dap) **NEW** £119
 2S-017-004D Class 7MT Britannia 4-6-2 70021 "Morning Star" in BR green late crest. DCC Fitted (Dap) £119



372-181 Class 8P Duchess 4-6-2 46229 "Duchess of Hamilton" BR green early emblem (Gra) ... £127.46



372-182 Class 8P Duchess 4-6-2 46235 "City of Birmingham" BR green late crest (Gra) £127.46
 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 Peppercorn' LNER Apple green (Gra) £135.96



372-387 Class A2 4-6-2 60527 "Sun Chariot" BR lined green black late crest (Gra) **NEW** £135.96



372-386 Class A2 4-6-2 60537 "Bachelors Button" BR Brunswick green early emblem (Gra) **NEW** ... £135.96
 ND129G Class A3 steam loco 2744 "Grand Parade" LNER apple green (Dap) £99

372-079 Class B1 4-6-0 1040 "Reindeer" LNER lined black (Gra) £110.46
 2S-020-003 Class B17 4-6-0 1671 "Royal Sovereign" LNER apple green (Dap) **NEW** £100.51
 2S-020-003D Class B17 4-6-0 1671 "Royal Sovereign" in LNER apple green. DCC Fitted (Dap) **NEW** £120.66



2S-020-001 Class B17 4-6-0 2864 "Liverpool" in LNER wartime black (Dap) **NEW** £94



2S-020-001D Class B17 4-6-0 2864 "Liverpool" in LNER wartime black. DCC Fitted (Dap) **NEW** ... £110



2S-020-002 Class B17 4-6-0 61664 "Liverpool" in BR green early emblem (Dap) **NEW** £94



2S-020-002D Class B17 4-6-0 61664 "Liverpool" in BR green early emblem. DCC Fitted (Dap) **NEW** £110
 372-400 Class J39 0-6-0 1856 LNER Lined Black flat sided tender (Gra) £80.71



372-402 Class J39 0-6-0 64791 in BR black late crest & stepped tender (Gra) £80.71

372-401 Class J39 0-6-0 64960 BR black early emblem & flat sided tender (Gra) £80.71
 372-932 Class N 2-6-0 31811 in BR black late crest (Gra) £106.21



372-931 Class N 2-6-0 31844 in BR black early emblem (Gra) £106.21



372-930 Class N 2-6-0 868 in SR Olive green (Gra) £106.21



2S-021-001 Class Q1 0-6-0 33016 in BR black early emblem (Dap) £94

2S-021-001D Class Q1 0-6-0 33016 BR black early emblem DCC Fitted (Dap) **NEW** £110



2S-021-002 Class Q1 0-6-0 33018 in BR black late crest (Dap) £94



2S-021-002D Class Q1 0-6-0 33018 in BR black late crest. DCC Fitted (Dap) **NEW** £110

ND207C Class Q1 0-6-0 C1 in SR black (Dap) £90
 372-426 Class WD Austerity 2-8-0 90566 BR black late crest (Gra) £116.96



372-186 Princess Coronation Class 4-6-2 46226 "Duchess of Norfolk" in BR Express Passenger blue early emblem (Gra)..... £127.46

Train packs



370-500 Cumbrian Mountain Express Train Pack Coronation Class 46229 "Duchess of Hamilton" in BR maroon late crest, 3 x Mk1 coaches in blue/grey & Scenecraft "Ais Gill" Signal box (Gra) ... £131.71



370-300 Landship Train Train Pack Class 4F 3848 in Midland Railway black, 3 x bogie bolster wagons in olive green & 3 x Mk1 tanks under tarpaulins (Gra) £89.21
370-400 Longmoor Military Railway Train Pack WD Austerity Class No.400 "Sir Guy Williams" & 3 x Mk1 suburban brake end coaches in LMR blue (Gra) £118.96

Diesel locos

371-051C Class 04 D2235 BR blue wasp stripes (Gra) **NEW**... £72.21
371-019 Class 08 diesel 08897 in EWS - weathered (Gra) ... £76.46
2D-015-001 Class 122 diesel railcar W55000 BR green speed whiskers (Dap) £96



2D-021-002 Class 156 2 car DMU 156419 in Provincial (Dap)..... £95



2D-021-001 Class 156 2 car DMU 156508 in Strathclyde Passenger Transport (Dap) £95
371-034 Class 20 diesel 20132 BR Railfreight Red Stripe (Gra) £89.21



371-033 Class 20 diesel D8011 in BR green small yellow panel - weathered (Gra) £97.71
2D-012-008D Class 22 diesel loco D6311 in BR green small yellow panels & disc headcodes, DCC Fitted (Dap) £124
2D-012-004D Class 22 diesel loco D6313 in BR green small yellow panels, DCC fitted (Dap) £130
2D-012-012D Class 22 diesel loco D6330 in BR blue (TOPs font numbering) - weathered, DCC Fitted (Dap) £124



371-088 Class 25/2 diesel 25231 in BR blue, weathered (Gra) £93.46

2D-013-000 Class 27 diesel #27108 in BR blue (Dap) £82
2D-013-051 Class 27 diesel 27203 in BR blue (Dummy) (Dap) £93



371-112 Class 31 diesel 31173 in BR blue full yellow ends (Gra) £100.26
371-111 Class 31 diesel D5596 BR green small yellow panels (Gra) £100.26



2D-018-003 Class 35 Hymek D7013 in BR green (Dap) £79



2D-018-004 Class 35 Hymek D7024 in BR green - weathered (Dap) £85

371-455 Class 37 diesel 37251 in BR blue, weathered (Gra) £106.21
371-454 Class 37 diesel D6827 BR green centre headcode, weathered (Gra) £106.21
371-456 Class 37/0 diesel 37133 in Engineers Dutch (Gra) £101.96



371-165 Class 37/4 diesel 37407 'Loch Long' in BR blue large logo (Gra) £89.21



371-168 Class 37/5 diesel 37506 Railfreight Red Stripe (Gra) £89.21

371-167 Class 37/5 diesel 37514 Railfreight Metal Sector (Gra) £89.21



371-825B Class 47/0 diesel D1572 in BR green small yellow panel (Gra) £101.96

372-244 Class 47/7 diesel 47711 'Greyfriars Bobby' BR blue large logo (Gra) £101.96



372-246 Class 47/7 diesel 47715 'Haymarket' in BR Network South East (Gra) £101.96

2D-003-008D Class 52 diesel loco D1000 'Western Enterprise' in BR maroon - weathered, DCC fitted (Dap) £110



371-287 Class 55 diesel "Deltic" 55005 'The Prince of Wales' Own Regiment of Yorkshire' in BR blue (Gra)..... £93.46



371-286 Class 55 diesel "Deltic" D9002 'The King's Own Yorkshire Light Infantry' in BR green half yellow ends (Gra) £93.46

2D-004-007 Class 56 diesel 56090 BR blue large logo (Doncaster built) (Dap) £101



2D-004-009 Class 56 diesel 56105 in Colas Rail freight (Doncaster built) (Dap)..... £101



371-657 Class 57 diesel 57309 'Pride of Crewe' in DRS Compass (Gra) £93.46



371-656 Class 57 diesel 57312 in Network Rail yellow (Gra) £93.46

ND103h Class 58 diesel 58044 Triple Grey Unbranded (Dap) £99

2D-007-002 Class 66 diesel 66504 'Freightliner PowerHaul' (Dap) £75

2D-007-003 Class 66 diesel loco 66177 EWS Experimental white roof (Dap) £78



371-396 Class 66/9 diesel 66731 'InterhubGB' in GBRT (Gra) £89.21

ND101j Class 67 Diesel 67030 EWS (Dap) £93

371-636 Class 70 PowerHaul diesel 70003 Freightliner (Gra) (list £119.95) **BARGAIN** £82.50



371-635 Class 70 PowerHaul diesel 70006 Freightliner (Gra) (list £119.95) **BARGAIN** £82.50

Electric locos

ND099k Class 86 Bo-Bo Electric 86415 Triple Gray 'Distribution Sector' new style panto (Dap) (list £117.89) **BARGAIN** ...£69



BARGAIN

ND147 Class 86 Twin pack Network Rail 86901 & 86902 (1x powered loco 1x dummy loco) (Dap) (list £124.95) **BARGAIN** ...£69



BARGAIN

371-802 Class 91 electric 91201 'Archbishop Thomas Cranmer' DVT GNER. (Gra) (list £114.40) **BARGAIN** ...£49

HSTs



2D-019-002 Class 43 HST Book Set in First Great Western purple - 43177, 43165 & two Mk 3 coaches (Dap) ...£135



2D-019-004 Class 43 HST Book Set in Intercity Swallow - 43075, 43106 & two Mk 3 coaches (Dap) £135



ND122J Class 43 HST Book Set in Virgin Trains 43094 & 43104 (Dap) ...£135

DMUs

371-511 Class 101 3-car DMU in BR blue & grey (Gra) £118.96
2D-009-000 Class 121 single car DMU 'Bubble car' W55022 in BR green small yellow warning panel (Dap) ...£90



2D-009-000D Class 121 single car DMU 'Bubble car' W55022 in BR green small yellow warning panel (DCC Fitted) (Dap) ...£107



2D-009-001 Class 121 single car DMU 'Bubble car' W55027 in BR green speed whiskers (Dap) ...£90
2D-009-100 Class 121 single car DMU 'Bubble car' W55028 in BR green small yellow warning panel (Unpowered Dummy) (Dap) ...£40



BARGAIN

371-558 Class 158 2 Car DMU 158871 ScotRail (Gra) (list £144.95) **BARGAIN** ...£89



BARGAIN

371-433 Class 170/4 3 Car DMU 170434 in First ScotRail (Gra) (list £164.95) **BARGAIN** ...£100



BARGAIN

371-741^ Class 251 Blue Pullman 6 car Midland set in Nanking blue full yellow ends. (Gra) (list £269.95) **BARGAIN** ...£171

EMUs



BARGAIN

371-702 Class 350/1 Desiro 4 Car EMU 350 101 in London Midland (Gra) (list £169.95) **BARGAIN** ...£99



BARGAIN

371-700^ Class 350/1 Desiro 4-car EMU 350 111 'Apollo' in unbranded Silverlink (Gra) (list £169.95) **BARGAIN** ...£99



BARGAIN

371-701 Class 350/2 Desiro 4-car EMU 350 238 in London Midland (Gra) (list £169.95) **BARGAIN** ...£99
372-675 Class 411 4 CEP 4 car EMU in BR green (Gra) £137.02

Train sets - analogue



370-180 Seaside Excursion Class 4F 44044 in BR black late crest and BR Mk1 BCK & SO coaches in maroon (Gra) ...£110.46



370-140 The Steel Worker Class 08 D3406 in BR green & 3 x 24-Ton ore hopper wagons (Gra) £93.46

Train sets - DCC

Cornish Riviera Express



370-070 Cornish Riviera Class 42 D829 in BR green and BR Mk1 BCK & SO coaches in chocolate & cream (Gra) ...£157.21
370-080 Countryside Coal Digital Set Class 3F Jinty No.23 in SDJR blue, Midland brake van, 7-plank wagon & 5-plank wagon (Gra) ...£140.21
NDIESEL2 DCC train set Class 56 in LoadHaul, 3 x Telescopic steel wagons, Gaugemaster DCC23 decoder fitted (Dap) £232

Coaches



2P-011-102 Gresley Teak 1st Class 31869 (Dap) ...£19.50
2P-011-005 Gresley Teak 3rd Class 60631 (Dap) £19.50
2P-011-302 Gresley Teak Buffet 9118 (Dap) £19.50
2P-003-002 GWR B Set Coach Twin Pack GWR Shirtbutton (Dap) £20



2P-000-251 Collett Coach GWR Chocolate & Cream Brake Composite 6537 (Dap) ...£18



374-536 Hawksworth 3rd Class Corridor GWR Chocolate & Cream (Gra) ...£25.46
374-511 Hawksworth Brake 3rd Class Corridor GWR Chocolate & Cream (Gra) ...£25.46



374-561 Hawksworth Corridor 1st/3rd Composite GWR Chocolate & Cream (Gra) ...£25.46
2P-012-301 Maunsell Coach BR 1st Class SR Green 7665 (Dap) £20.50
2P-012-502 Maunsell Coach BR Brake Van SR Green 430 (Dap) £13



374-162 Mk1 FK first corridor in green (Gra) (list £28.95) **BARGAIN** ...£14
374-186B Mk1 BSK Brake Second Corridor in green (Gra) £20.83
374-630 SR 50' Bogie B Luggage Van Southern Green (Gra) £22.06
374-835B Stanier Third Corridor LMS Crimson Lake (Gra) £20.83



374-312B BR Mk1 57H Suburban Brake End in crimson (Gra) ...£18.66
374-290C BR Mk1 57H Suburban Second Open crimson (Gra) £18.66



374-130B BR Mk1 GUV Maroon Weathered (Gra) £25.46
374-121 Mk1 RU restaurant car in maroon (Gra) £20.83



2P-011-171 Gresley BR Maroon 1st Class E11021E (Dap) £20
2P-011-272 Gresley BR Maroon Brake E10076E (Dap) £20
2P-011-371 Gresley BR Maroon Buffet E9039E (Dap) £20



374-535 Hawthorn 3rd Class Corridor BR Crimson & Cream (Gra) £25.46
374-431 Bulleid 63ft Semi-open Brake Third BR crimson & cream (Gra) £20.83
2P-011-051 Gresley BR Carmine & Cream 2nd Class E12283E LBR (Dap) £19



374-585 Hawthorn Full Brake BR Crimson & Cream (Gra) £25.46
2P-011-351 Gresley BR Carmine & Cream Buffet E9129E LBR (Dap) £20



374-510 Hawthorn Brake 3rd Class Corridor BR Crimson & Cream (Gra) £25.46



374-841B Stanier Vestibule 2nd in BR Crimson & Cream (Gra) £20.83
374-560 Hawthorn Corridor 1st/3rd Composite BR Crimson & Cream (Gra) £25.46
374-807 BR Mk1 RFC Restaurant Car Crimson & Cream (Gra) £20.83



374-680A BR Mk2A BSO Brake Second Open in blue & grey (Gra) £24.61



374-241 Mk1 BSP Pullman second bar car blue/grey (Gra) (list £24.95) BARGAIN £12
374-710A BR Mk2A TSO Tourist Second Open blue & grey (Gra) £24.61



CM002 Mk3 book set 4 coaches in blue/grey buffers (Dap) £71
374-134 BR Mk1 GUV Blue Motorail (Gra) £24.61



374-682 BR Mk2A BSO Brake Second Open in Network South East (Gra) £24.61



374-711 BR Mk2A TSO Tourist Second Open in Network South East (Gra) £24.61



NC216E MkIII coach buffet in Intercity Swallow #40422 HST (Dap) £19

Wagons

KNR-167 10ft Tank wagon kit (Pec) £4
377-525E 20 Ton Brake Van BR bauxite (early) - weathered (Gra) £16.11



377-528 20 Ton Brake Van in BR bauxite (late) - weathered (Gra) £16.11
377-526C 20 Ton Brake Van in BR grey - weathered (Gra) £16.11
377-827A 22 Ton Presto Bulk Powder Wagon 'Blue Circle Bulk Cement' in brown (Gra) (list £17.95) BARGAIN £8
NR-P422 7-plank coal wagon 'Newbattle No. 41' (Pec) NEW £8
NR-P900 7-plank coal wagon 'Borders Railway re-opening' (Pec) NEW £8.60



2A-000-019 Chassis 20T Mineral N Gauge (Dap) NEW £4.30
2A-000-018 Chassis 21T Hopper N Gauge (Dap) NEW £4.30
2A-000-016 Chassis 7 Plank N Gauge (Dap) NEW £4.30
2A-000-021 Chassis Grain Hopper (Dap) NEW £4.30
2A-000-017 Chassis Gunpowder Van N Gauge (Dap) NEW £4.30



2A-000-020 Chassis Siphon N Gauge (Dap) NEW £4.80
NR-44BW Coal/mineral wagon - Butterley steel type in BR grey (weathered, removable load) (Pec) £6

377-800 FNA Nuclear Flask Wagon Flat Floor & Round Buffers - Flask 14 (Gra) (list £29.95) BARGAIN £17
377-802 FNA Nuclear Flask Wagon Sloping Floor & Oval Buffers - Flask 38 (Gra) (list £29.95) BARGAIN £15
2F-013-021 Gunpowder van GWR W105738 (Dap) NEW £8.50



2F-013-022 Gunpowder van GWR W105738 Weathered (Dap) NEW £9.50
377-353 Intermodal Bogie Wagons With two 45ft Containers 'Malcolm Logistics' (Gra) £31
377-356 Intermodal Bogie Wagons With Two 45ft Containers 'Samskip' (Gra) £30
2F-045-001 IOA 'Merlin' #705992 002-3 Network Rail Ballast Wagon (Dap) £18



2F-053-002 Megafret Wagon (3368 4943 055) + 2 Stobart Rail Containers (Dap) £25
2F-053-001 Megafret Wagon (3368 4943 076) + 2 Less Co2 Containers (Dap) £25
NR-304 MGR Coal Hopper - HAA - Sallier Livery (Pec) NEW £14
373-007C PCA bulk powder wagon 'Castle Cement' grey - weathered (Gra) (list £9.95) BARGAIN £7
KNR-43 Standard type box van kit (Pec) £3.50



377-965 Triple pack 13 Ton high sided steel open wagons BR bauxite - weathered (Gra) £28.01
373-666 Triple pack 14 Ton tank wagons 'Esso' - weathered (Gra) £30.56



377-235A Triple Pack of 16 Ton Steel Mineral Wagons in 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) £30.56
373-775A TTA 45 tonne tank wagon in 'BP' (Gra) £10.63
2A-000-022 Unpainted body 20T Steel Mineral (Dap) NEW £1.90
2A-000-024 Unpainted body 21T Hopper (Dap) NEW £1.90
2A-000-028 Unpainted body 7 Plank (Dap) NEW £1.40
2A-000-027 Unpainted body Grain Hopper (Dap) NEW £1.90



2A-000-023 Unpainted body Gunpowder (Dap) NEW £1.70
2A-000-025 Unpainted body Siphon G (Dap) NEW £2
2A-000-026 Unpainted body Siphon H (Dap) NEW £2
Containers & Loads
2A-000-015 Loads Coal x 5 N Gauge (Dap) NEW £3.50

DCC decoders



DCC23 6-pin 2-function 1A (2A peak) decoder (suitable for N gauge) (Gau) £24



36-558A 6-pin 2-function decoder (suitable for OO & N gauge locos and use on analogue track) (Bac) . £15.26
36-558RA 6-pin E-Z Command 90 degree right-angled decoder for GF Jinty (DC Compatible) (Bac) £14.54
DCC22 8-pin 2-function 1A (2A peak) very small decoder (Gau) . £25

Lighting equipment



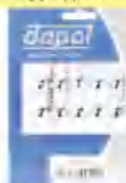
NC040a Light Bar coach lighting unit for modern coaches/multiple units (Class 156/MkIII 'Plug&Play') (Dap) £8
GM58 N Gauge Buffer lights x 2 (Gau) £10

Cables & Wires

PL-82 Power feed joiners - Code 55/80 (x4 pairs) (Pec) . £5.50

Spares

2A-000-006 Coupling magnets (ex-NSPARE7A) - 1 pair (Dap) . £5
SL-311 Insulated Rail Joiners/Fishplates for N & 009 gauge (12 per pack) (Pec) £1.50
2A-000-009 Magnetic coupling conversion kit for non-NEM couplings (ex-NSPARE9) (Dap) £8



2A-000-011 Magnetic couplings - short arm - 5 pairs (Dap) £18
NEMCOUP NEM couplings. 5 short 5 long - Pack of 10 (Dap) . £3



SL-310 Rail Joiners/Fishplates for N & 009 gauge (24 per pack) (Pec) £2

Wheel sets

379-412 Axles coach wheels - Pack of 10 (Gra) £5.74

Buildings - railways

42-139 Shunters Mess Room (65 x 44 x 32mm) (Gra) . £25.46
42-096 Wooden Engine Shed (117 x 49 x 53mm) (Gra) £25.46

Man-made scenic structure - railway-related



20-283 Electric Turntable Controller (Kat) £192
PN940 Platform 4-Bay Canopy (Met) £14
NB-55 Turntable Kit, well type, deck length 151mm (Pec) . £13

Signals



2L-001-001 Signal - Motorised, GWR home lower quadrant (ex-NSIGN1) (Dap) £22

2L-002-001 Signal - Motorised, LMS home upper quadrant (ex-NSIGN3) (Dap) £22

Buildings - general

42-077 Georgian Townhouse (61 x 51 x 59mm) (Gra) . £21.21
42-299 Low Relief Turbine Hall (230x45x107mm) (Gra) £63.71
PN103 Red Brick Terraced Houses (Met) £7
PN183 Small Factory n gauge (Met) NEW £9
PN182 Warehouse (can be built as full or low relief) N Gauge (Met) NEW £9

Bridges, Tunnels & Walls



PN145 Brick Retaining Walls N Scale (Met) £8
PN144 Retaining Wall (Stone) (Met) £7.50

Track - Code 80 Setrack

ST-8 2 setrack buffer stops (Pec) £1.50



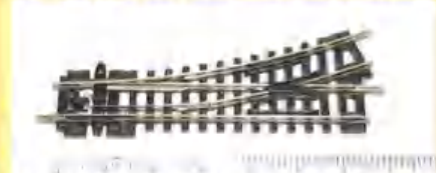
ST-11 Double straight track (Pec) £1.50
ST-19 N Setrack No. 4 radius double curve (Pec) £2.50



ST-17 N Setrack No3 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) £1.30



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) £1.30
ST-300 Starter Track Set (Pec) £44



379-450 Pack of 12 Straight Track 174mm (Gra) £10
379-450 Single (Gra) £1

Track - Code 80 Streamline

SL-302 1 yard (91.5cm) length of Concrete Sleeper Nickel Silver Flexible track (Pec) £3
SL-302 Pack of 25 (Pec) £64



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-E387 Left hand curved point electrofrog (Pec) £10
SL-E389 Left hand large point electrofrog (Pec) £10
SL-389 Left hand large point insulfrog (Pec) £10



SL-E396 Left hand medium point electrofrog (Pec) . £9
SL-396 Left hand medium point insulfrog (Pec) £9
SL-E386 Right hand curved point electrofrog (Pec) £10



SL-E388 Right hand large point electrofrog (Pec) . £10
SL-388 Right hand large point insulfrog (Pec) £10



SL-E395 Right hand medium point electrofrog (Pec) £9
SL-395 Right hand medium point insulfrog (Pec) £9

Track - Code 55 Finescale Streamline



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-302F 1 Yard of Nickel Silver Flexible Track Concrete Sleepers (Pec) £3.50
SL-302F Pack of 30 (Pec) £91



SL-E399F 3-way finescale turnout (Pec) £26



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



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) £58



SL-E380F Finescale single slip electrofrog (Pec) . £34
SL-E397F Finescale Y Point, Electrofrog (Pec) . £11

Track & Points

- 379-452 Curved Track - Radius 228.6mm Arc 45 (Gra) (list £1.30) **BARGAIN** . £1
379-452 Pack of 12 (Gra) (list £15.60) **BARGAIN** . £11
379-460 Left Hand Standard Point (Gra) . £7



20-850 M1 Basic Oval Kato Controller (Kat) . . . £58



20-851 M2 Basic Oval Passing Loop & Controller (Kat) . . . £108
379-461 Right Hand Standard Point (Gra) . £7



ST-45 Setrack N Gauge Curved Turnout L/H (Pec) . £14



ST-44 Setrack N Gauge Curved Turnout R/H (Pec) £14
379-451 Straight Track 87mm. (Gra) . £0.95
379-451 Pack of 12 (Gra) . £9
20-861 V2 Up & Down Elevated Oval Variation Pack (Kat) £62



20-863 V4 Passing loop/Sidings variation pack (Kat) £62

Track underlay

- GM201 Flexible grey ballasted N gauge underlay real granite stone (Gau) . . . £18
SL-350 Roll of Underlay (5 Metres) (Pec) . £6

Cars

- NMN004 Mini Black and Wicker (Oxf) **NEW** . £3.95

Commercial vehicles

- NCA002 Bedford CA Ice Cream Walls (Oxf) . £4
NFT010 Ford Transit LWB Eddie Stobart (Oxf) . £4.75



N041 Leyland FG Incident Unit 'British Transport Police' (Circa 1982 - 1988) (Bas) **NEW** . £5.99
NTRAIL001 Mobile Trailer Bobs Hot Dogs (Oxf) . £3.95
NWM001 Whilby Ice Cream Walls (Oxf) . £4

Military ground vehicles



NAEC008 AEC Matador Royal Artillery France (Oxf) £6
NMWD001 Bedford MWD Royal Engineers (Oxf) . . . £4
NDEF003 Land Rover Defender 110 Hard Top (Oxf) . £4

Public Service vehicles



NSFE002 Scania Pump Ladder West Sussex F & R (Oxf) . . . £6

O Gauge (1:43 Scale) DMUs



8890 AC Cars Railbus W79976 in BR light green speed whiskers (Hel) . . . £400

Coaches



4920 BR Mk1 BSK brake 2nd corridor coach carmine & cream (Hel) . £250
4911 BR Mk1 SO 2nd open in maroon (Hel) . £250
4914 BR Mk1 SO 2nd open in SR green (Hel) . £250



4952 Mk1 BG full brake in BR blue and grey (Hel) £250

Wagons

- 1050 100xx OAA in BR bauxite - early (Hel) . £63
1051 100xx OAA in BR bauxite - late (Hel) . £63
BL99039* 20 Ton Brake Van BR brown working rear light (Bas) (list £65.50) **BARGAIN** . £36
1041 200xx VAA sliding door van in BR bauxite - late (Hel) . £63



1004 33xx class B tank in Mobil Charrington red (Hel) . . . £63
7F-100-004 SR 25T 'Pillbox' Brake van 55583 in BR bauxite & grey right hand ducklet (Dap) . £62
7F-100-002 SR 25T 'Pillbox' Brake van 56235 in SR brown & red right hand ducklet, large lettering (Dap) . £62



7F-100-003 SR 25T 'Pillbox' Brake van 556108 in BR grey right hand ducklet (Dap) . . . £62

Accessories

- 7A-000-008 3 Link Couplings and Hooks 5 Pairs (Dap) **NEW** . £18
7A-000-004 Screw Link Coupling & Drawbar Hook - 5 Pairs (Dap) **NEW** . £18
7A-000-007 Wheels spokes x 2 axles (Dap) **NEW** . £7

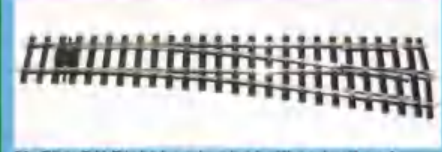
Track - Code 124 Bullhead Streamline



SL-700BH Box of 12 1 Yard O Gauge Flexible Nickel Silver Track (Bullhead Nickel Silver Rail) (Pec) . £73
SL-700BH Single (Pec) . £6.50
SL-E7876H Left hand O gauge curved turnout (Pec) . £50



SL-E792BH Left hand point bullhead rail and electrofrog (Pec) . . . £39
SL-E786BH Right hand O gauge curved turnout (Pec) . £50



SL-E791BH Right hand point bullhead rail and electrofrog (Pec) . . . £39
ST-725 Setrack Bullhead 2nd radius standard curve 410mm (16") radius 1020mm (40.5"). 16 make a circle (Pec) . £6

Track & Points

SL-E791FB Finescale Right Hand Point With Flatbottom Rail Electrofrog (Pec) . . . £41

Cars

- 43ASS004 Austin Severn RN Saloon Westminster (Oxf) . £13
43BN6002 Bentley MK VI in Balmoral Green Ice Green (Oxf) . £19



43BN6001 Bentley MK VI in dark blue (as owned by Ivo Peters, railway photographer) (Oxf) . . . £18



43DSP002 Daimler SP250 Royal Red (Oxf) . . . £20
VA13505 Mini 1275GT, Glacier White, 'The 4000 000th Mini' (Cor) (list £19.99) **NEW** **BARGAIN** . £16
43MIN022 Mini Car Just Divorced (Oxf) **NEW** . £7



43MIN021 Mini Car Tweed Grey/OEW (Oxf) **NEW** . £7
VA12707B Peugeot 205 GTI 1.6, Modele Alpine blanche, Volant a gauche (Cor) (list £22.99) . . . **BARGAIN** . £12
43SP104 Swansea Festival 2015 Land Rover (Oxf) **NEW** £9.95

Commercial vehicles

- 43AT004 Austin Low Loader Taxi in burgundy (Oxf) . £16
43ASV004 Austin Seven RN Van LMS (Oxf) . £12
43LAN188006 Land Rover Series 1 88" Hard Top (Oxf) . £11

Any or Multiple Scales

Analogue controllers



COMBI Combi 12v 1Amp Single Track Controller Transformer (Gau)£30



DS Double power controller brake simulator (Gau) . .£119



D Double/Twin track power controller (Gau) . .£69
HH Hand Held Circuit Controller Feedback (Gau)£32



Q Quadruple 4 circuit power controller (Gau) ...£130
SS-1 Super shuttle controller (Gau)£24
W Walkabout circuit controller (Gau)£29

Analogue power supplies

DCP-PSU2 Dual Output Power Supply PSU2+ (DCC) ...£49



M1 Transformer Output 2 x 16v AC 1A (Gau) ...£37
T1 Uncased 2 x 16V AC Transformer (Gau)£18

Analogue point control



CDU Capacitor Discharge Unit (Gau)£11
PL-35 Capacitor Discharge Unit Mk2 (Pec)£14
PCU1 Electronic points control unit (Gau)£90
MCDU Mains Powered CDU Unit (Gau)£20
PCSET Point Control Starter Pack (Gau)£40



PLS-100 SmartSwitch Set for 4 servo control & operation, switches, control board & digital readout for Analogue operation (Pec)£52
PL-15 Twin Microswitch (Pec)£7

DCC decoders

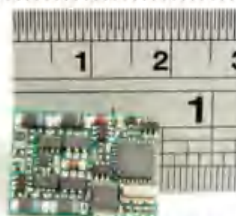
10311-02 2-function 2-sided 0.5/0.8A Silver mini decoder NEM651 plug (Len)£29
10310-02 2-function 2-sided 0.5/0.8A Silver mini wired decoder (Len)£29
10321-01 21-pin 4-function 1-sided 1.1A Silver decoder (Len)£25



DCR-8PIN-Harness Box of 10 8-pin (harness) 4-function 1.1Amp decoder back EMF (Hat) . . .£94
DCR-8PIN-Harness Single (Hat)£10
DCR-8PIN-Harness Box of 5 (Hat)£48



36-553 8-pin 3-function 0.75A decoder back EMF (Bac)£15.50



10330-01 8-pin 4-function 1-sided 1.0/1.8A Silver Direct decoder (Len)£28
DCC-M4SAP-5 8-pin 4-function M Series decoder Stay Alive x5 (DCC)£109.95
DCC15 Prodigy Decoder Doctor (Gau)£74

DCC accessory decoders



DCC-AD8FX COBALT Ip Accessory Decoder (8 Way) (DCC)£41



DCC-ADS2FX COBALT Solenoid Accessory Decoder (2 Output) (DCC)£17



DCC-ADS8FX COBALT Solenoid Accessory Decoder (8 Output) (DCC)£56

DCC controllers



50200 ECoS Command Station DCC controller full colour LCD touch screen & dual controllers motorised dials & easy CV (ESU).....£509

36-507 EZ Command Dynamis system - Additional handset (Bac)£64.13



524-042 NCE Power Cab controller 12V 1.5A (NCE) £136



DCC02 Prodigy "Advance 2" starter DCC controller package (Gau)£215



DCC03 Prodigy "Advance 2" Wireless starter DCC controller package (Gau)£369



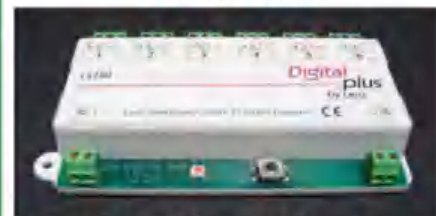
DCC49 Prodigy 8 Amp booster unit (Gau) . . .£144



DCC14 Prodigy Advance 2 Backlit Walkaround controller (Gau)£99

DCC01 Prodigy Express Package. Can be extended the DCC13 Walkaround or DCC51 Wireless (Gau)£124
DCC13 Wireless Walkaround unit for the Prodigy Advance 2 DCC system (DCC03) (Gau)£159

DCC accessories



11150 L1150 (LS150) Switch Module 6 AC Outputs (Len)£41



60110 Set010 Startset LZV01 and LH01 (Len) . .£199
26150 TR150 transformer (Len)£55

Point motors

PL-9 5 Mounting Plates for use PL-10E (Pec)£2.50
DCP-CB1IP Cobalt ip slow-action analogue point motor * 1 (DCC) £14
DCP-CB12IP Cobalt ip slow-action analogue point motor - pack of 12 (DCC)£146
DCP-CB6IP Cobalt ip slow-action analogue point motor - pack of 6 (DCC)£82



DCP-CB1DIP Cobalt ip slow-action digital point motor * 1 (DCC).....£17



DCP-CB12DIP Cobalt ip slow-action digital point motor - pack of 12 (DCC).....£177

DCP-CB6DIP Cobalt ip slow-action digital point motor - pack of 6 (DCC).....£94

DCP-CB10MG Cobalt Omega slow-action analogue point motor x 1 (DCC).....£15



DCP-CB120MG Cobalt Omega slow-action analogue point motor x 12 (DCC).....£135



PL-10WE High performance turnout point motor extended pin (Pec).....£6



PL-10 Bag of 6 Point Motor (Switch Machine) (Pec) £34
PL-10 Single (Pec).....£6



PL-10E Bag of 6 Point Motor Extended Pin (use PL-9) (Pec).....£34
PL-10E Single (Pec).....£6



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
PL-50 Turnout switch module (makes wiring points easy) (Pec) £14

Switches & Levers



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

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

PL-51 Turnout switch module add-on (makes wiring easy) (Pec) £5.50



PL-13 Accessory Switch for fitting to turnout motor PL10 (Pec).....£3

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

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

PL-51 Turnout switch module add-on (makes wiring easy) (Pec) £5.50

Electronic components



HF-2 Electronic twin track cleaner (Gau).....£37

PL-12 Motor Adaptor, fitted over-centre spring for other turnouts (Pec).....£2.50

TLU Tension lock uncoupler (Gau).....£9

Accessories

SL-14 Track Fixing Pins (Pec).....£1.50

AC-13 Track Magic (Del).....£7

Cables & Wires

DCW-32PK Pink Stranded Decoder Wire (DCC) NEW.....£3.55

Spares



TT4550 Tidy Track Rail Tracker Cleaning Kit (Woo) £25.25

Trees

GM195 Seafoam trees (Gau).....£17

Grass, Ground, Lichen, Hedges & Foliage

GM23 Grass Mat - Gravel (100 x 75cm approx) (Gau).....£5.75

FL635 Static Grass Flock - Medium Green (Woo).....£8.20

Minerals, Water & Rocks



B1394 Ballast Shaker - Blend Medium - Gray (Woo).....£8.60

JXGU Underlay - Extra Fine Granite - 48 x 12" (Jav).....£3

Scenic tools & materials

ST1444 Foam Tack Glue - 12 fl oz (Woo).....£9.20

ST14402 Hot Wire Foam Cutter For UK Customers (Woo).....£31.80

C1201 Lightweight Hydrocal Casting Plaster (Woo).....£7.80



C1192 Plaster Cloth 30 Sq Ft Roll (Woo).....£21

Track underlay

GM130 Cork sheet - 1/16 thickness 3' x 2' (600 x 900mm) approx (Gau).....£5.50

JCS116S Cork Sheet - 1/16" Thick - 12" x 36" (Jav).....£2



JCS18L Cork Sheet - 1/8" Thick - 24" x 36" (Jav).....£8

ST1409 Foam Riser For Elevated Track - 4" High - 2.5" Wide - Pack Of 2 (Woo).....£9.20

ST1416 Incline For Transition from 1 Level To Another - 3% Set - Elevates Track 4.5" In 12" - 2.5" Wide - Pack Of 6 (Woo).....£14.95

ST1411 Incline For Transition From 1 Level To Another - 4% Set - Elevates Track 4" In 8" - 2.5" Wide - Pack Of 4 (Woo).....£10.70

Railway publications



CAT-3 Peco Catalogue - September 2015 (Pec) NEW.....£4.75

Glues

AD-57 Rocket Card Glue. Clean, Neat & Instant Card Modelling Glue (Ideal For Superquick & Metcalfe) - 50ml (Del).....£5.20

Tools



XU2175B Flexible track cutters (XURON) (Gau).....£15

PL-71 Loco servicing kit - servicing cradle, infills, Powerlube, brush & scraper (Pec).....£17



DCM-RR12 Rolling Road - Active Set - 12 Way - For OO, N, HO, TT Gauge (DCC).....£95



961 AB605 Super Detail Airbrush Deal (Exp) £62.50

You will pass the shop on the right-hand side of Smithdown Road. It has a distinctive large yellow sign. **By Car** most people would approach via the M62. As soon as you reach the end of the motorway, turn left on to Queens Drive ring road (A5058). Cross lights, a roundabout, lights again & another roundabout. Turn right at the far side of this roundabout at more lights. We are 400 yards from here on the left-hand side (A562), just past Tesco Express and one more set of lights at Penny Lane. Less than 2 miles from the end of the M62.



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Sat 7am - 6pm
Sun 9am - 5pm

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Advisable case we need to contact you about your order

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CVV Number (Last 3 digits on reverse of card): Start Date (Switch/Maestro): /

Card Holders Name:

Card Number:

CARD ADDRESS (If different from delivery address above):

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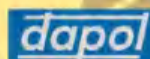
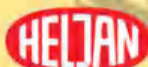
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