

POWERLINE UPDATE

Volume 2 Issue 12

December 2000.

Update on Powerline Products and Production.

The RC-1 Model Railway Remote radio Control System is finally GO.

The latest and last project for Powerline in 2000 has finally been released to cap off a successful year 2000. This is an all Australian project designed, researched, tested, produced and manufactured here in Australia from local and overseas components.

The RC-1 is a very simple yet functional unit which puts wireless control in your hands. It is very simple to install and simple to use as well as having reliability and excellent control, making this unit an attractive addition to any model railway no matter what the size.

Design and research began in March 2000 with the first prototype under going testing in April 2000. Exhibitions such as Bendigo, Brisbane, Ballarat, Adelaide and Liverpool were hosts to this testing, customer appraisal and market development. The results and comments were very pleasing and most positive. After we were happy with the final prototype, it was then sent off for official testing by official compliance authorities for certification and compliance authorisation. This turned out to be a mere formality with the relevant paper work of approval now in our hands.

In August 2000 the RC-1 was ready for production and what happened then was a string of unexpected delays and set backs. Many did not believe Powerline would complete the project let alone have product on the shelf within 12 months of starting the project. Well we are sorry to disappoint the doubting Thomases but here it is from idea to on the shelf within 10 months, fully tested and approved.

A Decade Plus of POWERLINE

Many people are surprised to learn that Powerline Models Pty Ltd started in the late 1980s. Yes Powerline has been around for more then ten (10) years.

Powerline is not a flash in the pan or a short term player but a long term team player and supporter of this great hobby we all share. We have seen other producers come and go, as well as others who follow our lead, but non has our depth.

The last decade has seen a lot of turbulence and many changes occur in this great hobby with Powerline Models Pty Ltd changing ownership and management, but still staying Australian and in Australia. Through all these changes and turbulence Powerline has continued to support the hobby with its policy of fostering interest and providing quality models at an affordable price in hobby shops across Australia. Powerline also support exhibitions attending 20 in 2000.

After more than 10 years Powerline continues to lead the way by setting the standard others follow and copy. In the new Millenium this trend is set to continue with the productions of 2000 only being the beginning.

Exhibitions for 2001

The Following Exhibitions are confirmed for 2001 and there will be more to come:

| | | |
|-------------|----------|---|
| Warrnambool | Victoria | 13 th -14 th Jan |
| Croydon | Victoria | 20 th -21 st Jan |
| Corio | Victoria | 26 th 28th Jan |
| Chelsea | Victoria | 9 th -12 th March |

| | | |
|-------------|----------|--|
| Bendigo | Victoria | 13 th -16 th April |
| Hobsons Bay | Victoria | 14 th -16 th April |
| La Trobe | Victoria | 9 th -11 th June |

This is just the start with many others still to be confirmed as some exhibitions are finding it harder to organise these great events due to lack of organisers, time and venues. Illawarra unfortunately is one that has fallen for 2001 and we hope to see them again in 2002. Those exhibition organisers looking at having a Powerline display at there exhibition in 2001 should contact Powerline Models Pty Ltd as soon as possible.

Coach Windows

On the Victorian "S" type passenger carriages there has been comment made on windows popping out. This is not a defect in the product or a fault of workmanship but more a result of circumstance. We have done a lot of testing on the product and looked into why the windows pop out. The results have shown that there are only two causes, poor handling or lack of adhesive. The main cause being handling, that is the windows been pressed in when coach is handled, coach being dropped, excessive rough handling or any form of flexing of the body. No amount of adhesive will fix this and it is better the windows pop out so they can be fixed rather then there be any breakage.

When the windows are missing they are usually loose inside the carriage body. It is not a serious issue or a difficult fix.

First turn the carriage up side down and remove the two retaining screws. Then carefully remove the complete under carriage. Inside you should find the loose windows. On the section from where the windows are missing, place this side down on a flat surface. Check the best fit for the windows and remember how they best fit then place the windows down in front of you with the flat side down and the side with the raised windows up. You will note areas where the surface is dull or crazed, it is here you apply a dab, drop of glue.

The glue Powerline recommends is the Testors glue which comes in a red and white tube, cement for plastic models. Apply this to the dull or crazed areas between the raised windows. Make sure that the dabs of glue are more than 3mm from any raised window section. After applying the glue wait 20 -30 seconds then carefully place the windows in position in the carriage. To do this do not slide windows into place, as you may spread the glue, hold them over the correct position and press them into place. After about 10 seconds of pressing the windows firmly in place, apply some

dobs of glue to the top edges of the clear plastic, usually in line with each window. Allow this to dry over night.

If the windows have popped out of both sides, do one side at a time to ensure best results.

Do not use Super Glue or any solvent based glue. We only recommend the Testors glue specified and no other glue must be used. Other glues are too runny, do not adhere properly, only last a short time and cause whitening of the windows.

To put the coach back together first turn it upside down with the opening facing up. Carefully press the under carriage back into place by pressing it bit by bit into place starting at one end. Do not force it or try to fit it in to place in one go. After you have moved around the edges pressing and ensuring it is all in place, place the screws in to the holes provided and tighten them till they are firm. Do not over tighten or get to a point where you are forcing the screws, firm and tight is enough.

Hobby shops & Product

These days it is getting harder to find a hobby shop which has everything to cater for your needs and will provide the service and advice, that you want or require, to keep you on the right track. Everyday Powerline Models Pty Ltd receives phone calls requesting where Powerline product is available, from which shop can they order what they want or that their local shop only carries bits and pieces and seems reluctant to order what the customer wants.

Unfortunately we are not responsible for what stock the hobby shops carry. Very few carry our complete range of products, only one for certain comes to mind, as they pick out those products they personally like or feel that they can sell. We have found from experience that the shop with the products on the shelf sells more.

Based off current sales, and taking into account sales for this year to date, the Powerline Update has compiled a list of shops. All carry Powerline in stock, all can supply what is currently available from Powerline and all have the ability to order anything currently available from Powerline. Those in **BOLD** are most likely to have a broader range of our currently available stock and those with an asterix (*) would be most likely to have spare parts in stock. We stress that all are able to get everything currently available from the Powerline range.

NSW

Punchbowl Hobby Centre

***Bergs Hobbies P/L**

Baileys Bicycle Centre

***All Aboard Braemar Railways**

Asquith Model Railways

Caravan City Cowra

Caseys Toy Warehouse

Mini Dockyard Hobbies

***Frontline**

GTs Sportscards Plus

Hobbyco

Hunter Valley Model Railways

Kempsey Toyworld

Leeton Toy & Hobby centre

Mal's Toy shop

New England Hobbies

Bankstown

Parramatta

Parkes

Mittagong

Asquith

Cowra

Erina

Molong

Newcastle

Wagga Wagga

Sydney

Kurri Kurri

Kemsey

Leeton

Taree

Inverell, Armidale, Tamworth

Port World of Models

The Signal Box Model Railways

***Vic Barnes Cycles & Model trains**

Yennora Hobbies

North Coast Hobby centre

Bomilike P/L

Forest Miniatures

Vaggs

Platform One

The Rail Hobbies

ARHS (NSW)

Port Macquarie

Blaxland

New Lambton

Yennora

Lismore

Ryde

French's Forest

Miranda

Fairey Meadows

Albion Park Rail

Redfern

Queensland

The Railway Shop

***The Train Place**

Vogler & Son

The Turntable

HobbyOne

Hobbyrama

***Toowoomba Trains & toys**

North Tamborine Hobbies

Horizon Hobbies

South Brisbane

Wolfdene

Ipswich

Zillmere

MT Gravatt

Stafford

Toowoomba

North Tamborine

Warner

South Australia

***Junction Models**

Orient Express Model railway

South Australia Hobby Centre

Model Mania

Steam & Whistle

Clearview

Unley

Adelaide

Tasmania

Don River Railways

A&R Models

DON

Glenorchy

Victoria

Bacchus Marsh Toy Kingdom

Ballarat Model World

Bendigo Sports & Hobbies

Branchline

Brosters Toys & Hobbies

De Grandi Sports Goods

Fairey St Newsagency

Geelong Model Railways

Railway House

Shepparton Toyworld

Tates Toywarehouse

***Train World Pty Ltd**

The Buffer Stop

The Hobbyman

The Railfan Shop

Victoria Hobby Centre

Werribee Hobbies

PJs Hobby World

***The Train Place**

Top Gun Models

Seymour Toyworld

Stawell Toykingdom

Toy Zone

Bacchus Marsh

Ballarat

Bendigo

Croydon

Wangaratta

Warrnambool

Warrnambool

Geelong

Moama

Shepparton

Geelong

East Brighton

East Preston

Dandenong

North Melbourne

Melbourne

Werribee

Moone Ponds

Bendigo

Ballarat

Seymour

Stawell

Cheltenham

Western Australia

Rockingham Toyworld

Discount Hobby Supplies

Stanbridges Hobbies

Willetton

Mt Lawley

Please note this is not the definitive list of hobby shops that stock Powerline products. This list shows those whose current purchases, and purchases over the year, signify they have some sort of a range of Powerlines current stock. There are many other shops on our list whom may have Powerline product on the shelf but whom our sales figures don't suggest a range of current product. Roughly speaking Powerline deals with over 150 shops and just under 50% of them carry a range large enough where we at the Powerline

Update are confident to list them as a suggested place to acquire the range of Powerline product. Of these you will note those with astrix, those in **BOLD** and those with both.

Stock list 2000.

To give you some idea of the range available Powerline Update has compiled this list of product available now in 2000. There are some items due in December 2000 which have been included and there are other items which will be arriving late December and into 2001 which have not been listed.

CATALOGUE

PCAT4 Catalogue 4th Edition

RADIO CONTROLLED Transformer/controller

RC-1 Model Railway Remote Radio
Controlled system, 12v 2Amps

LOCOMOTIVES

81 Class

P204S Stealth (8167 & 8175)
P206 Freight Rail (8108, 8181, 8184)
P207 Freight Rail (8177) dual motor

48 Class

P235B Freight Corp (4806 & 4862)
P239 AUSTRAC (4814 & 4836)

830 Class

P237A A.N (846)

POWERLINE TRAIN SETS

PB001P NSW Pass Tuscan or Candy
PB001F NSW Freight
PB001S NSW Super Freighter
PB001 NSW Mixed Daily

FREIGHTLINE TRAIN SETS

FB001 Australian National
FB002 Southern Freight
FB003 Freight Corp
FB004 Western Line
FB005 Australia Wide

PASSENGER CARRIAGES

New South Wales

P420 FS Tuscan
P421 BS Tuscan
P422 BSR Tuscan
P423 MHO Tuscan
P424B KB Tuscan
P440 FS Candy
P441 BS Candy
P443 MHO Candy
P444 KB Candy

New South Wales Specials

P462 Red Cross
P463 MHO B/Down Yellow
P464 "3801 Ltd" FS coach
P465 MHO BiCentennial

Victorian

V.R

P434A Blue Art Deco AS/BS 1st/2nd
P435A Blue Art Deco BS 2nd
P436A Blue Art Deco AS 1st
P438S Spirit of Progress VRS Buffet

V/Line (Tangerine)

P455 BS Economy

P456 BRS Snack bar
P458S VRS Buffet

V/Line Pass Corp (Red/White/ Blue)

P475 BS Economy (3 numbers)

West Coast Railways (Blue & White)

P495 BS Economy (2 numbers)
P496 BRS Snack

SCALE FREIGHT

P500 MHG Brake Van Black
P504 L550 Lab test car
P509 MHG Black undec
P510 BDX Gondola NSW Black
P511U NOBX-PTC Blue Undec
P512U NOBX-NSWR Indian Red Undec

FREIGHTLINE

ECONOMY FREIGHT SERIES

Hoppers

P603 A.N (green)
P604 V/Line (Wagon Red)

Tank Cars

P641A Caltex (black)
P642 Golden Fleece (yellow)
P651A Ampol (black)

Short Hopper Loads

P663 Coal load
P664 Roof/ cover

Gondolas

P671 V/Line (wagon red)
P672 S.A.R (light grey)
P674 A.N (green)
P675 B.H.P Steel (blue)
P676 BDX/NOBX Undec (yellow)
P678 Nat Rail (dark grey)

Flat Cars

P620U NFFX NSW (blue)
P689 Nat Rail (dark Grey)

Container Wagon

P620A Track Fast- NSWGR
P681 CSR - V/line
P683 Allied Pickfords-A.N

Containers 20 foot

P829 Undec White (pr)
P881 CSR green
P883 Allied Pickford orange

SPARE PARTS & ACCESSORIES

Couplings and Corridors

P1003t X2F (US) coupling (4)
P1006 Corridor Connections (2)
P1007 Compact coupler (4)
P1007A Draft Box coupler (4)
P1016 Tubular Corridor Conn (2)

Bogies: Pass & Freight. (packed as pairs)

P1102 2AN (BS/FS)
P1103 2BC (MHO/KB)
P1104E Freight bogie black
P1117 Argentine (Broad gauge)
P1118 Commonwealth black
P1118G Commonwealth grey

Other Coach/freight parts

P1108 Plastic wheels/metal axle
P1108A Plastic wheels and axles
P1109 Metal Wheels/axles
P1110 Coach window plugs

LOCOMOTIVE PARTS & ACCESSORIES

81/G/BL Old parts

| | |
|-------|-------------------------------|
| P1208 | Set 4 tail lamp (leds & rest) |
| P1213 | G/BL non powered bogie |
| P1214 | Pick up |

81/G/ BL current parts

| | | |
|--------|------------------------------|-----------|
| P1201A | 81 Power bogie W/motor | Avail Dec |
| P1207 | 81 steps/brk wheel & M/UC | |
| P1209C | 1.5 volt light globes | |
| P1211 | Triple fan moulding | |
| P1215 | G/BL steps & M/UC | |
| P1216 | G/BL exhaust cover | |
| P1217 | 81 exhaust cover | |
| P1212A | BL/G Power bogie W/motor | Avail Dec |
| P1214A | Power pick up strips | |
| P1224A | 81 Class chassis & mechanism | Avail Dec |
| P1225A | G/BL chassis & mechanism | Avail Dec |
| P1402 | 81 Class horns | |
| P1403 | G/BL horns | |
| P1404 | Coupling screw & washer | |

81/G/BL Kadee @ Adaptors (complete pair)

| | |
|----------|--------------------------|
| P1218A-1 | P204S Stealth-short |
| P1218A-2 | P204S Stealth-long |
| P1218A-3 | P218/9NR.BL-short |
| P1218A-4 | P218/9 NR. BL-long |
| P1218A-5 | P206/7 81 Frt Rail-short |
| P1218A-6 | P206/7 81 Frt Rail-long |
| P1218A-7 | P216/7 G V/Line-short |
| P1218A-8 | P216/7 G V/Line-long |

Wheels & Tyres to fit 48 Class & 81/G/BL

| | | |
|--------|----------------------------|-----------|
| P1206 | Traction tyres | |
| P1219A | Wheel set w/gears w/tyres | Avail Dec |
| P1219B | Wheel set, geared | Avail Dec |
| P1500 | RP-25 Wheels blackened | |
| P1501 | RP-25 Wheels Nickel Plated | |

48/830 Class Locomotive parts & Accessories

| | |
|--------|----------------------------|
| P1230 | Power bogie with motor |
| P1232A | Motor & worm gear (mk3) |
| P1233 | wheel set, non tyred |
| P1234 | Gear Set |
| P1235 | Complete Mk1 mechanism |
| P1236 | Power bogie frame & centre |
| P1237 | Unpwd bogie frame & centre |
| P1238Y | Kadee @ adaptor yellow |
| P1239 | Metal hand rails |
| P1240A | Buffers & buffer plates |
| P1241 | Plastic handrails (2) |
| P1243 | Couplers (2) |
| P1244 | Contact strip (2) |
| P1245 | chassis casting Mk1 |
| P1245A | chassis casting Mk3 |
| P1246 | Window Insets |
| P1247 | Motor housing |
| P1248 | Horns (2) |
| P1249A | Flettner vent (2) |

DECALS

| | |
|--------|--------------------------|
| PDN001 | Freight Corp logo for 81 |
|--------|--------------------------|

LINKLINE EQUIPMENT & PRODUCT

Locomotive

| | |
|------|------------------------------|
| L201 | A.N F3A Bo-Bo Australianised |
|------|------------------------------|

Link Line Train sets

| | |
|-------|------------------------|
| LB000 | Basic Set |
| LB001 | South Australian |
| LB002 | The Victorian |
| LB003 | The New South Welshman |

LB004 The West Australian

All LB sets feature L201 Loco, Nickel silver code 100 track and Powerline rolling stock, all top quality .

Track packs, expansion packs

| | | |
|------|---------------|-----------|
| TP-A | Track Pack A. | Avail Dec |
| TP-B | Track Pack B. | Avail Dec |
| TP-C | Track Pack C. | Avail Dec |

Presentation set

| | | |
|--------|------------------------------|------------|
| LLP001 | Spirit Of Progress boxed set | order only |
|--------|------------------------------|------------|

These sets feature a Lima S-Class and 3 Powerline coaches, BS, BS and VRS.

Cork

| | |
|------|------------------------|
| L401 | HO Cork (5 x 36") roll |
| L402 | HO point Mats |
| L403 | N Cork (5 x 36") roll |
| L404 | N point mats |

Controllers & Electrical

| | |
|------|-----------------------------|
| L700 | Train set Controller, Basic |
| L701 | Cable- Controller to track |
| L702 | Push Button switch (4) |
| L703 | SPDT Toggle switch (2) |
| L704 | DPDT Toggle switch (2) |
| L705 | DPDT Centre Off Toggle (2) |
| L706 | Switch Caps 4ea black & Red |
| L707 | Switch Caps 5 diff colours |
| L710 | Wire Red |
| L711 | Wire Black |
| L712 | Wire Blue |
| L713 | Wire White |
| L714 | Wire Yellow |
| L720 | Wire Yellow/green |
| L721 | Wire signal-4 colours |

Seasons Greetings for the Festive Season

From the management and staff at Powerline Models Pty Ltd and the team that give you the Powerline Update, we wish you a Merry Christmas, Best wishes for the festive season and a successful start to 2001.

We look forward to renewing friendships and meeting new friends at exhibitions across Australia in 2001.

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