

MOZ NEWSLETTER

An update on the Magnorail System by MagnorailOz

Issue #5 has some new exciting things happening in both the model railroad and Magnorail worlds.

However if you wish to unsubscribe from this Newsletter please click [here](#) to opt out.

As we welcome in the new financial year here in Australia we look back and for many it has been bleak financially, with many small businesses closing or having their income curtailed significantly especially in the hospitality industry. Many individuals have also seen their personal income slashed and have had to rely on government assistance. What does the 21/22 financial year hold for us all?

The hobby industry has fared reasonably well thanks to the internet and delivery services getting their act together. However the lack of model train exhibitions here in Australia and I assume elsewhere, has meant a lot of stock that would normally sell as impulse sales at exhibitions, is just sitting in unopened boxes.

We are hoping that the new financial year will see exhibitions starting up again. MagnorailOz are already booked to attend several shows across August, September and October on the basis that there are no more lockdowns or border closures. As I write this, we have most states shutting their borders and three in lockdown, with Sydney experiencing a runaway Covid Delta strain infecting hundreds of people a day, all starting from an infected international flight crewman.

I hope where ever you live, you are coping with life and that your hobby is sustaining you through lockdowns and restrictions but also you may already be enjoying freedom of movement that we are yet to experience again in Australia.

Stay Safe

Clyde

1

MAGNORAIL FLIES!

Up up and away - we have a proof of concept that Magnorail can fly your model aircraft!

2

MAGNORAIL DOES RAIL CROSSINGS

We longer have to stay within the lines!

3

TO & FRO UNIT

MagnorailOz's To & Fro Unit launch delayed!

YouTube

Visit our channel at



[klatchco56](#) for 300+ videos featuring the Magnorail System

MagnorailOz



Selected dealers, sell the Magnorail system in Europe, Australia, USA. Go to our our online [shop](#) and website for prices. You will be surprised how competitive we are when considering exchange rates.
www.magnorailoz.com.au

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MAGNORAIL FLIES!

I am continually impressed by the ingenuity and creativity of the Magnorail Fraternity.

I thought it was a great leap forward introducing my water skiers, yachts and speedboats five years ago with my Echo Lakes layout. The Magic of Magnorail saw them cruising and speeding around lakes and under bridges with an Orca whale thrown in to spice up the action - kids loved seeing it chasing the water skiers around!

Now I can categorically say that Magnorail has brought movement through the air above your layout to reality.

As mentioned in our last Newsletter, Joe Marturano was commissioned by Morty Greenwald from New York to create four non-scale dioramas

Our Master Magnorail Magicians have all excelled with either an innovative application of the Magnorail System or presented it in an exceptional and very professional manner and Joe is no exception. Whilst he had to work within the constraints of Morty's required 30cmx30cm base and mixed scale vehicles and props, Joe was able to pull the concepts required by Morty, into reality.

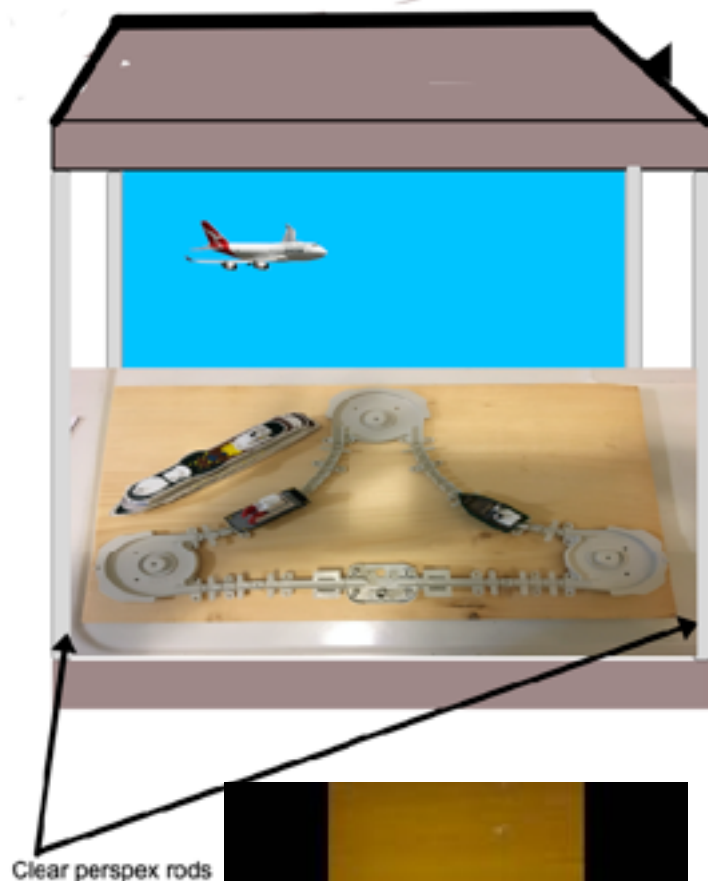
I had always believed that getting planes and hot air balloons flying was well within Magnorail's capabilities. It was just a normal Magnorail System up side down!

I gave Joe my concept in the couple of drawings below and he then created the diorama you see on our Youtube channel at Klatchco56 <https://youtu.be/nVNI9pUpWHg>



The box with the magnorail track would have to have a rigid cover like a thin perspex or board that could be securely attached to the box so that the magnets do not distort the surface as they are dragged around.

Obviously the weight of the plane - preferably plastic not die-cast would require more or less magnets to keep the grip without overloading the chain system.



Regrettably Joe only had his phone's movie in portrait mode and on low quality, however we are trying to get a better and more detailed movie from Morty and will upload when available. So there is the challenge Magnorail Magicians - let us see some balloons, birds and planes flying above your layout.



MAGNORAIL DOES LEVEL (GRADE) CROSSINGS

Once again a Magnorail Magician has toiled over a problem and solved it. Unlike the Faller Car System Magnorail could not seemingly tackle a level crossing - until now!

Brian from Adelaide (pseudonym of his choice) nussed out the problem and presented it to me over a period of time as he fine tuned the concept to where it now works across a range of codes and tracks even steel Marklin!

He has one of the original Magnorail kits with the red links and has only just got around to getting things going.

Basically he files down the underside of the track to accommodate the Magnorail track, but in the case of Marklin steel track, he cuts a small section out from both sides and replaces them with Peco nickel/silver rail thus enabling the magnets in the Magnorail links to pass freely underneath. Previously the steel Marklin track would attract the magnets and stop the movement of the chain.

The trick is to reduce the profile of the track so that it still operates and does not derail the locos but allow the magnetic attraction of the Magnorail track magnets to penetrate the roadbed and pull bicycles and vehicles cleanly over the crossing.

Check out our video @ <https://youtu.be/lxBeVkkGcQ>



RAIL MODELLER AUSTRALIA MAGAZINE

RMA Editor Robyn Taylor, reports tens of thousands of downloads since the digital magazines inception. WELL DONE ROBIN!

In issue #6 we launched the new MagnorailOz TO & FRO UNIT. This was to be an exclusive controller to MagnorailOz and could only be purchased through our web shop or exhibitions (when they get going again). It basically will allow the automatic reversal of your Magnorail system using reed switches and a built-in timer giving you the ability to have a range of vehicles and objects move backwards and forwards cross your layout.

It is a plug and play system for those of us that don't have a clue about Arduino boards and electronics but opens up so many opportunities for adding an extra bit of Magnorail Magic to your layout or diorama.

Regrettably we thought we had all the bugs out of the system but last minute trials that were conducted after the magazine article was submitted (*Yes we should have been 100% sure it worked but we trusted the manufacturer*) showed up a flaw with the reed switches not functioning as designed, so we have deferred the launch of the TO & FRO UNIT until we finally get it working 100% all the time - Sorry if we had your expectations up but keep checking our web-shop for updates.



Check Rail Modellers' website out [here](#) and download July/August issue #6 and go to Page 33 or other previous issues in which we feature with articles on Magnorail.

MagnorailOz have proudly supported this magazine and regularly advertise in it. We ask that if you download it, please donate \$2 to its ongoing publication or subscribe for a hard copy AUD\$14 month postage included.

Can Magnorail handle trucks? OF COURSE IT CAN!

As I state often, the number of vehicles that Magnorail can pull is relative to the number of motors on the system, the length of the roadway, the weight of the vehicles, the gradient of the tracks and the thickness of the roadbed. The Dubbo Model Railway Club in New South Wales Australia, has an extensive layout in their clubrooms and this year incorporated a seven metre roadway into their club layout.

<https://youtu.be/-bBwp03vldE>



If you are not part of the Magnorail team yet, keep watching our Klatchco56 YouTube Channel (I must try and get that changed to MagnorailOz without losing all the links) for inspiration and ideas. Also checkout our web site for further hints in the FAQ pages as well as our blog where I highlight some of the questions that clients have asked.



MODEL RAILROAD CLUB DISCOUNTS

To support model railway clubs and their members as they come out of Covid shutdowns and lockdowns across the world.

If you are like my club - Grampian Model Railroaders Inc. we have experienced zero fundraising opportunities over the past year. The loss of our major exhibition in July 2020 which usually turns over \$10,000+ and then our more modest February 2021 exhibition, which brings in \$1,000+ drastically cut our budgeted income. Then our major July 2021 was also cancelled!



We now have our last chance this year with our smallest exhibition being set up for August 28th & 29th at our club rooms at the Stawell Railway Station goods shed.



What this has meant for us is that reserves (and that is why they are there - but usually for large capital purchases) had to be tapped into just pay for power and rent etc. Membership funds were down with members unable to attend club because of lockdowns so no soft drink sales or other fundraising activities.

MagnorailOz would like to help your club get going again with projects based around Magnorail installations.

• Registered clubs will be given personalised discount codes allowing 15% off all MagnorailOz products to their members.

• Further details are available @ <https://www.magnorailoz.com.au/club-discounts.html>

- Clubs with Exhibitions **outside of Victoria (but still in Australia and New Zealand only)** will be given the opportunity to sell Magnorail Kits and accessories at their Exhibitions if they have any display with a Magnorail System operating, earning 10% on any starter set sold (AUD\$25). Order forms to be completed by the club will be filled and processed by us through PayPal via customers credit card details with **free postage on all confirmed orders received (Australia and New Zealand Only)**.
- In summary the club earns \$25, customers save on postage \$10-15 depending where they are in Australia or New Zealand plus they have the knowledge that they have assisted the clubs fundraising.

Clubs will be supplied with printed matter for display purposes. Goods will be despatched once payments processed bearing in mind that stock levels may vary depending on demand.

This offer **cannot be used** in conjunction with any club members discount.

Basically exhibition customers are getting free shipping by buying through the club (on orders over AUD\$250) and the club earns 10% on the sale, once sale has been processed by PayPal the discount earned will be transferred by direct debit to club accounts.



Once again this discount and offer is specific to MAGNORAILOZ and is not available through any other Magnorail reseller.



Meanwhile back at MagnorailOz Central (Clyde's office)

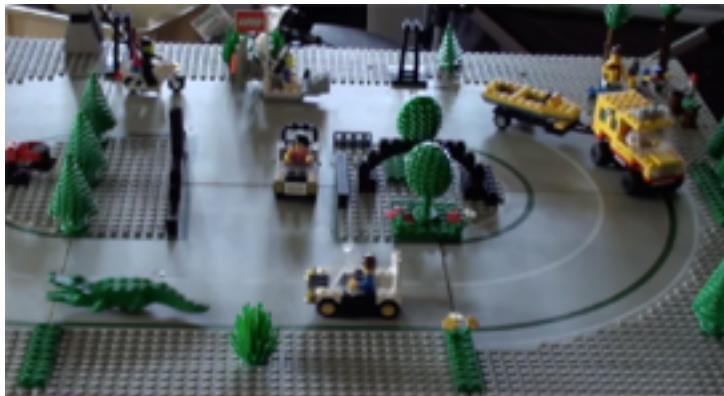
Our latest layout being prepared for the GMR August Exhibition and hopefully to appear at the huge LEGO BRICKVENTION 2022 is our Magnorail Moves LEGO #2.

Preparation of the board has progressed and all the the channeling slots routed and ready to take channel and chain. Motors have been fitted and the first loop of four has been completed, being the off-road section for quad bikes.



We did have dreams of the track going through a few dips, however the practicalities and physics meant that the vehicle magnets kept losing contact with the track magnets. A bit of track restructuring saw the dips levelled and the quad bikes now easily navigate around the lake scene which is the next loop to be activated.

I will be loading a video on our YouTube Channel KLATCHO56 up to stage 1. Those of you with LEGO will see some familiar vehicles both old and new moving around the layout when it is all completed. I am sure we will sell more Magnorail sets to the LEGO fanatics.



Special thanks to Fabienne and Thierry from Magnorail France for their support of the project with some starter sets to make it all happen.

Not all screws are the same!

Not that this will happen to many Magnorailites but be very careful when upgrading to the more powerful motors as there is a hazard if you are not careful.

You cannot just change the motors over using the same screws that hold the motor in the drive housing. The reason being that the new motors use a smaller screw. Should you use the old screws on the new motors you will impede the operation of the armatures and the motors will not turn at all.

So if you are exchanging motors, once you have detached the old motor, immediately screw the old screws in to the old motor so you don't accidentally use them later.



Magnorail is owned by people who love the scale model hobby!

Just to reiterate what I have mentioned in other Newsletters, Magnorail France trading under the MAKETIS name is a small family owned business and not some of a huge corporate organisation. Fabienne, Thierry and I have all worked to promote the Magnorail System and the unique magic that it can bring to scale modelling. MagnorailOz is only a Magnorail reseller but we do have a close relationship with Maketis - (My wife and I have enjoyed Thierry's home baked fruit pies in his kitchen.)

The great legacy created by the original Magnorail Magicians David, Arno and Loek with their engineering, modelling, logistical and electronics skills has been the strong backbone that Maketis has built on and is expanding further with 3D printing and new cyclists.

So if any of the resellers run out of stock, be patient. Thierry doesn't run out to a factory floor and tells them to pack another 50 sets for Germany, America or Australia, he has to sit down in his office with the family and pull all the components together, ordering any shortfalls in stock, ensuring the quality from their suppliers is being maintained and packaging and sealing the boxes for shipment across the world.

We are all small business people working hard to help you create some Magnorail Magic on your layouts and dioramas.

The Maketis family are taking August off for a well earned rest for what has been a trying year for everyone so be patient if there are a few out of stock items.

Well that's it for Magnorail Newsletter #5.

We hope you enjoyed reading it, please feel free to pass it on to friends and get them to subscribe on our website

So, if you are someone who likes to think outside the box and would like someone to chat with you about what might seem a pie-in-the-sky use for the Magnorail system, drop us a line and some concept drawings or plans, at magnorailoz@gmail.com and let us discuss it together.

Please stay safe, wear a mask where appropriate, keep on modelling and let us get back to exhibitions and train club meetings by getting vaccinated and making our world a lot more people friendlier.

Regards Clyde

P.S - The photo of me with the Lego Pilot was on our visit to Legoland in Denmark a few years back.

If you haven't seen the videos of our visit, here are the links:

<https://youtu.be/dUEdi5NZA60>.

<https://youtu.be/Dk1nxOdgMj8>

<https://youtu.be/wOAKdWZhIdk>

ABOUT MAGNORAILOZ

MagnorailOz is the registered business name of C.O.Humphries & Associates selling the Magnorail System and other accessories for the hobbyist.

Clyde, a business consultant by profession, is now semi retired having worked in many fields of endeavour, from finance, not for profit organisations, local government, retail and several of his own businesses enterprises.

Clyde claims he is not a master modeller but is a thinker and creative concept person who can visualise concepts and projects clearly. He sees the Magnorail System as a major new step in the model hobby field.





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SNAPSHOTS OF
OUR CRATER
LAKE EXHIBITION
LAYOUT WHICH
HAS FOUR
MAGNORAIL
LOOPS.**



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