

MOZ NEWSLETTER

An update on the Magnorail System by MagnorailOz

Issue #10 brings you three new products and updates on coming shows and some highlights of Magnorail Installations.

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Welcome to the August 2022 MagnorailOz (MOZ)Newsletter

Last month our Newsletter was full of positive news

This issue has even more good news.

Thank you to customers that continue to support our home based business. In the last couple of months we have sent orders to various states of the USA, Thailand, Malaysia, New Zealand, India, Brazil, United Kingdom and every state in Australia!

People have been asking though why there have been no new videos on our YouTube Channel. To put it bluntly busy sales, weddings and COVID!

It has been hectic and once again not enough time for video creation. We can see how a lot of YouTubers run their videos as a full-time business but we just can't seem to crack it for that extra time. We promise that there are a few half completed videos in the process which we are sure you will appreciate when they are finally published.

I succumbed to Covid despite having had two inoculations plus and two boosters, plus the flu vaccine. I was sick for 3 days, with a throat that felt as though I had chewed razor blades making it very painful to swallow liquids or solids. After a week though I was over it and don't seem to have had any side effects. My wife also tested positive but had no symptoms to speak of. This resulted in me missing my local train show which I was getting geared up for but I hear it was a success even though afterwards 60% of the club members and traders got Covid, so it was a super spreader event!

So, that is my excuse for the slackness on YouTube. I would point out that I am happy to reply to any queries on the channel so feel free to put comments under the videos or any questions you have and they will be answered.

GOOD NEWS - THREE NEW MAGNORAIL PRODUCTS!

Thierry and Fabienne at Magnorail France have put together three new Basic Starter Sets for people wanting to dip their toe in the Magnorail pond with out having to invest in a large layout and accessorise it.



Visit our channel
at [klatchco56](#) for



300+ videos
featuring the
Magnorail
System

Selected dealers,
sell the
Magnorail system
in Europe,
Australia & USA.

Go to our our
online [shop](#) and
website for
prices.

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The three new Basic sets have a smaller track (95cm) but contain enough items to get your diorama or small lake, river, bike track or road operational.



The Basic Slider Set has a fast motor and two sliders with magnets to get two vehicles operational. RRP AUD\$145.00

Remember that extra sliders, magnets, track components and motors are available should you want to expand your layout.



The flexible track allows vehicles to seemingly avoid obstacles or turn 45° corners with ease. Creating scenarios that your viewers are not expecting is part of the *Magnorail Magic* that can set your layout apart from other rigid scenes.

Remember that the slider system allows you to animate practically any freewheeling vehicle of what ever era you are modelling from Z gauge to O - or even Lego!



The **Basic Bicycle Set** has the same track components however it contains a ready-to-run **Postman** on a bicycle so you can have your first pedalling cyclist on your layout adding the *Magnorail Magic* that makes your layout extra special!



It comes with a medium speed motor. RRP AUD\$175.00



The set does not contain **Return Loops** but the flexibility of the Magnorail track components will allow you to curve a bicycle path around buildings or parks. The track can handle a smooth 45° turn to go around a corner if you want your Postman to cycle a city block doing his deliveries or seemingly avoid a car parked on the side of a road. You could carefully apply a decal on his satchel with your local Post Office logo!

Your imagination for so many scenarios can be achieved by adding a little *Magnorail Magic!*





The Basic Boat Set brings another dimension to your layout.

The opportunity to have a small lake, a river or even a beach scene creates an opportunity for modelling and scenery skills to be used on a display. RRP AUD\$175.00



Once again, the basic track components are the same for all the Basic sets, with the flexibility of the track enabling you to create a meandering path cross your lake, beach or river scene.

This set comes with a slow motor for realistic cruising and two track magnets with the dinghy magnets in place and ready-to-run.

PLEASE NOTE

As indicated by the name, the three new sets are BASIC in that they can be accessorised to increase their flexibility and impact.



Unlike the **Expert Sets**, the **Basic Sets** do not contain Return Loops which allow 180° turns enabling you to have two way traffic down a street or river. The flexible track components can however be turned to create a smooth 45° turn but cannot do 180° or sharp 45° turns by themselves.



A pair of **Return Loops** (MZE02 AUD\$55) which give you that smooth transition through a 180° turn, can be purchased from our web shop.



The three sets each have a motor that is factory set.



Slider Set = Fast Motor:



Bicycle Set = Medium Motor:



Boat Set = Slow Motor



Whilst all of these motors can be controlled by a normal train set controller, we recommend the **Magnorail Variable Speed Controller** (AUD\$35 MZA19- European Plug or MZA20 - USA Plug) which can be slowed to what ever speed you like.



For Australia, New Zealand and Asian countries we recommend the EU MZA19 plug with our adaptor MZA21 AUD\$5



The controller and electronic transformer in one, makes this accessory an excellent addition to your Magnorail System. With the controller you are able to have your cyclist pedal at realistic speeds and boats, yachts and a dinghy cruise leisurely around your lake or beach scene.



New Stock 2



A new range of plastic HO scale cars come in a boxed kit form and are easily assembled and modified for use with the Magnorail System.

Regrettably the picture on the box does not match the contents colour-wise but the detail is excellent for such an economic product.

As they are so light it only takes a small magnet glued to the front axle to pick up the track magnet or you can use a slider.



The only other thing to mention is that because they are so light, it would not be cost effective to order and to have only one item posted, so we would suggest that they might be better added to another order, or see us at an exhibition. The cars will be retailing for AUD\$4.50

New Stock 3

People at exhibitions have commented on the message fan that I have operating on my shop display. I now have a couple for sale on our web shop. (if you are interested) I just plug them in to a USB charger having programmed them at home and then they just keep spinning the whole day putting out my promotional messages - it certainly catches people's eye.



Needs Window OS to program. On our web shop for AUD\$38.00.

NEODYMIUM MAGNETS (repeated from last Newsletter)

As mentioned in our last newsletter, we are building a range of these extra strong magnets that can be used to replace sliders by gluing them directly on to a vehicle's chassis at the centre of the front axle. This eliminates the drag mark that the sliders leave down the centre of your roads and pathways. Free moving wheels are necessary though, or if using them with boats etc, some form of flock coated adhesive paper need to be adhered to the bottom to reduce the friction.

Obviously one size does not fit all, you may have to glue two smaller magnets on top of each other to get the right clearance. You should try to have a clearance of 1-2mm above the roadbed so that the track magnets can still attract your vehicles magnet and draw it along.



The 5mm diameter magnets fit perfectly into the LEGO anti-studs. We will be doing a specific video of this process that replaces sliders and soon we will also be offering HO scale vehicles and N Scale buses Ready to Run with magnets attached. Remember to add some to your next order (as they are not cost effective to mail by themselves) or see us at an exhibition.



PLEASE NOTE THESE MAGNETS SHOULD ALWAYS BE SECURED BY SUPERGLUE TO THE VEHICLES AND SPARE MAGNETS SHOULD BE KEPT IN A CHILDPROOF CONTAINER AWAY FROM SMALL INQUISITIVE HANDS.

You can remove superglued magnets (or unwanted glue on your fingers) by brushing or soaking them with acetone and allow some time for it to penetrate. Using a blade, the magnets should prise off - some nail polish removers still contain acetone but you can check you hardware stores if not at the chemists.

COMMENTS, QUERIES AND SUGGESTIONS ABOUT MOTORS

Where Should You Locate Your Motor?

- Do not install the motor near a curve or return loop.
- Preferably put the motor in the middle of your circuit, on a straight line. The length of the chain should be more or less equal on each side of the motor.
- Do not install the motor near a slope or downhill (at the beginning or end of the slope)
- The location of the motor should remain accessible from below for maintenance purposes and at best from above so that magnets can be added easily to the chain

How Many Motors Can I Have On a Track?

It is recommended that you can sync by parallel wiring, up to three motors from your Magnorail Power Controller. Remember though that you **cannot mix and match different speeds or different models of motors**. If your motor is pre-mid 2020 where you had to solder your own wires on, it cannot be matched with the latest motors that now come pre-wired even if they are rated at the same speed.

Why Does The Chain Keep Rising Out Of The Motor Housing Or The Channel

The most common cause is that the motor housing is not covered prior to the road covering going on. As a standard operation I cover the housing with a thin acetate (like a clear produce box covering) using the four countersunk screws that come with the housing. This also means you have no screws showing on the roadbed.

The second cause is that people have not cleaned the sprue off the bottom of the drive cogs. The bottoms of the cogs should be smooth plus all the teeth cleaned of any excess plastic where they were joined to the sprue.

The third cause is that the chain has not been fine tuned. Too tight and the chain will lift itself out, too slack (makes clickety clack noise) and the chain can buckle on itself and jam. Using the smaller chain links, you can loosen or tighten the chain to suit. At the time of installation you should be able to run the system at top speed without it coming out, if everything is balanced.

A fourth cause could be that the motor has not been placed mid way in the circuit and may also be too close to a return loop or incline. The chain should be pulled through the channelling without any stress. If the track is too long with many turns, or pulling too many vehicles in a bunch, this can also stress the chain and you may have to consider an extra motor.

Can I Lubricate The Chain or Channel?

NO, NO, NO, NO and one final NO!

Because the chain is moved by friction through the O Rings in the motor housing, any lubrication will cause the chain to slip and render the drive mechanism useless.

So, NO - do not lubricate the chain or channel in any way.



MagnorailOZ will be at the AMRA Caulfield Model Train Show August 20 & 21.

This show is now one of the larger shows for Victoria with a large range of layouts and traders.

There are excellent facilities for visitors and it is fully air-conditioned.

We will have our Crater Lake and Lego layouts on display.

There will be the full range of Starter Sets plus bicycles and other accessories like extensions sets, motors and other spare parts.

We will have our range of scale figures, buses and cars on display and as well as our range of Neodymium Magnets for sale.

Drop by and introduce yourself - see you there!



BRING THE *MAGIC* OF
MAGNORAIL
TO YOUR LAYOUT OR DIORAMA

SCALE CYCLISTS* ACTUALLY PEDAL THEIR WAY THROUGH LAYOUTS AND VEHICLES DRIVE THEIR WAY AROUND ROADWAYS WHILST SPEEDBOATS OR YACHTS CAN CRUISE LAKES OR PONDS.
WORKS WITH ALL SCALES*

ONLINE SALES THROUGH
WWW.MAGNORAILOZ.COM.AU
CHECKOUT OUR YOUTUBE CHANNEL AT [KL4tGhC056](https://www.youtube.com/channel/UCkL4tGhC056)

*CYCLISTS AVAILABLE ONLY IN HO SCALE

NEEDY FOR MORE?
CAN MOVE YOUR PLANES, BOATS AND BIG RIGS! SEE THEM ALL ON OUR YOUTUBE CHANNEL

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 business 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 creative step in the model hobby field from novices to pros and is constantly thinking up ideas for implementation of the Magnorail System in getting some Magnorail Magic into the hobbyists hands.