

## Monthly Newsletter – June 2022

Product News, Announcements and How-To Videos



## Product Updates & Announcements

As a subscriber to this newsletter you are the first to receive this information about our new products.

YouTube Channel

Model Train Technology Website

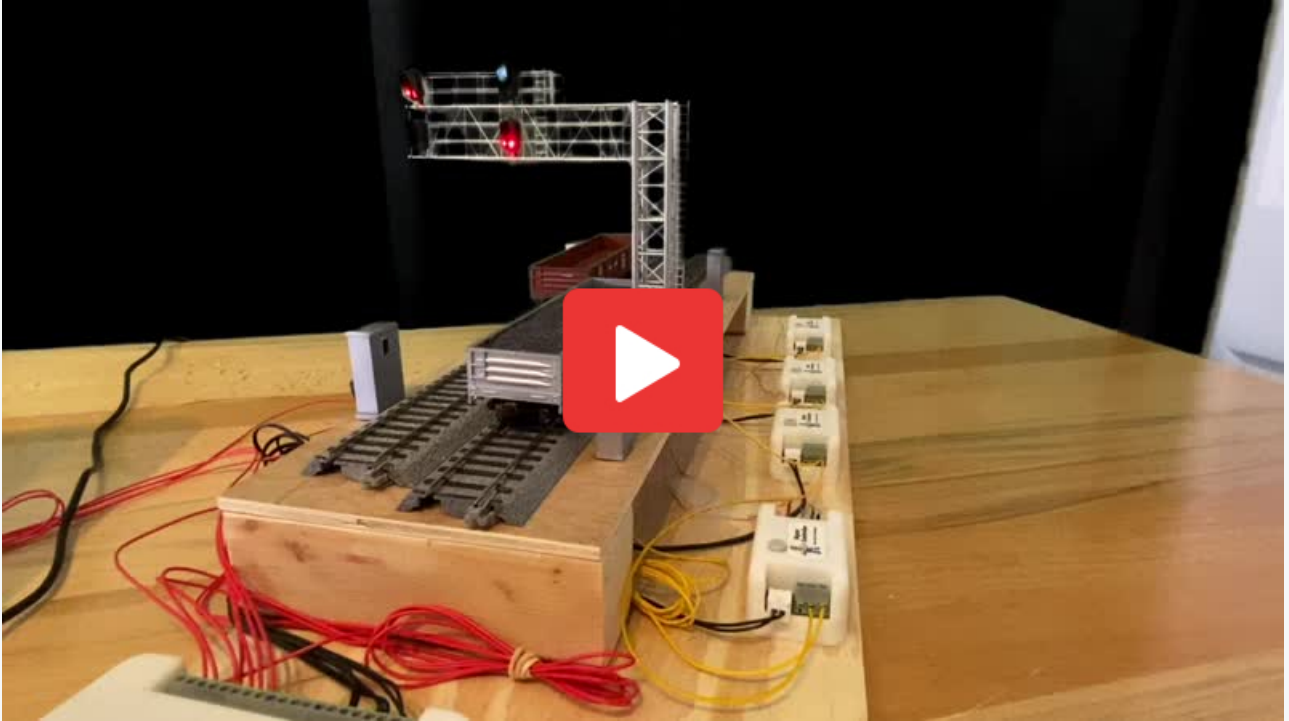
STORE

Hello everyone and welcome new subscribers!

We start this month by showcasing an HO Signal Bridge connected to four Signal Controllers with four Precision Detectors. The signal bridge was distributed by Walters but is generally out of stock. However we picked up a few on eBay and decided to bundle them with our products. [Click Here for the link.](#)

The bridge LEDs are wired with magnet wire so there are 16 leads to attached. To make the job a little easier on the layout we soldered in colored stubs. The hook up was easy and went quickly. In the video you can see that we connected the Latching feature for each of the two track lines. [Click HERE for the Video](#) or click below.

## HO DUAL TRACK SIGNAL BRIDGE



## O GAUGE – LIONEL RENOVATIONS

As I mentioned last month that we are working on the renovation of various Lionel products for a Senior Living Resident layout. Our plan is to have them animated by our Signal Controllers, Detectors and relays. The first two are shown below.

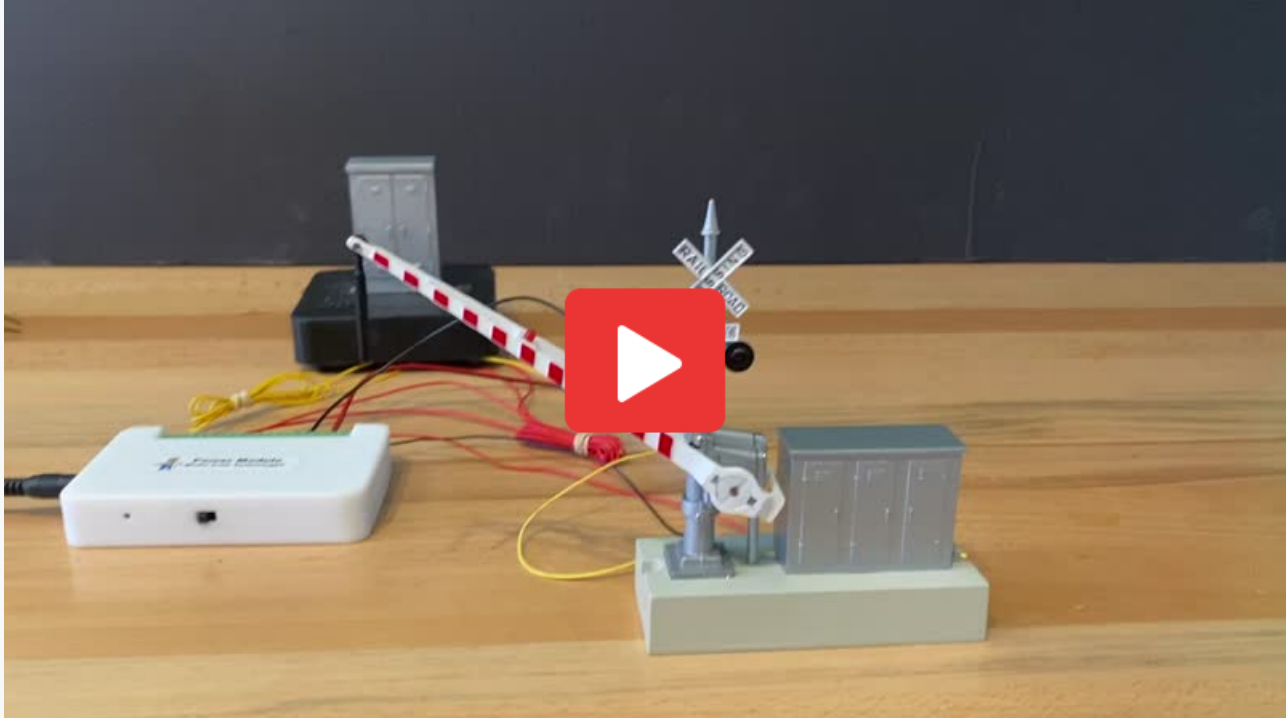
### **Crossbuck Flasher (LIONEL) Renovation**

The first step is to replace the bulbs with LEDs Yes these are available and they look great! This swap is necessary because of the way our controller powers the lights (LEDs) and adjusts the brightness of the light – using what's called PWM (Pulse Width Modulation). In short, the circuit turns the LED bulbs on and off very quickly – faster than your eyes can see. The amount of time ON verses OFF determines how your eyes see how bright it is. If we were to connect a regular filament bulb to the Controller, the bulb would burn out very quickly and in some cases, not work at all.



### **Crossing Gate (LIONEL)**

The second project is to connect our Precision Detector to a relay that activates the newer style Lionel crossing gate. We have a specially designed adapter to connect to an off-the-shelf relay that makes this a snap. We'll be using many of this combination around the layout so as to eliminate the pressure switches that are not designed for the snap track. If you have the old three rail track where the pressure switch works, you may want to replace those anyway so the train is not bouncing up and down on as it passed.



### **WHY SUBSCRIBE TO OUR CHANNEL ON YOUTUBE?**

Whenever you view a video on YouTube you have the option to subscribe to that "channel". Subscribing does two things. First, when we publish a new video you will get an alert that it's there. That is just a convenience for you. Second, the more subscribers we have for our Model Train Technology channel, the higher up in the YouTube ranking we list. This helps our business by attracting more people by making them aware of us.

The SUBSCRIBE button is a red box, usually but not always, at top right of your YouTube page. If it's grey, you have already subscribed.

Thank you in advance for your support!!



# G SCALE

## Production Update

We are in full production of the G Scale Signals and Signal Controller and will be shipping to customers the week of June 20th. This is consistent with our two week order-to-shipment timing. While in production we were able to improve the lens design so we took a few extra days to make sure everyone receives the improved lens. I am sure we made 50 versions of the lens!

## NEW PRODUCT: CROSS BUCK FLASHERS

The Crossing Gate Flashers are available for order and we have both Single and Doubles. The doubles require a lot more time and effort to assemble. I hope you agree that these look great!

You will need either the Battery or 12VDC G-Controller to operate the flashers. The G-Controller will be also available separately so that you can animate your existing Signals and Flasher.



## **NEW PRODUCT: G-Controller (Universal) AVAILABLE**

The **G-Controller Universal** is available for order. This is everything but the flasher or signal so that you can power and animate your existing signals and flashers. The G-Controller Universal has both the Signaling logic and the Crossing Flasher controller. If you want more information on how this works, visit the Signal Controller product page. The functionality is identical. This includes Latching, as discussed in the videos.

The Precision Detector MAX is part of the G-Controller but you can now also order additional Precision Detector MAX's separately so that you can add blocking and detection for more signals and cover East/West travel for the Crossing Flashers.

[STORE - G SCALE](#)

## **May 2022 Video Newsletter VIDEOS:**

### **G Scale Announcement & Demo**



## **DCC Relay Controller**







Until next time, best regards and stay safe and healthy,

Jim

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