



TURNTABLE

Volume 4, Number 12

December 2020

The NMRA's *Turntable* is a monthly publication which, like a railroad turntable, will lead you in several directions on the internet.

This e-publication is a collection of railroad and model railroad videos, podcasts, websites, and/or other information freely available on the internet that we think may be of interest to you. The NMRA claims no ownership of this information, nor do we endorse its creators or their websites. The *NMRA Turntable* will not promote individuals or their for-profit ventures.

A Members-Only Exclusive Clinic
from Model Railroader Video Plus

Trains.com Holiday Party: Seawalls and waves, Episode 1



[Seawalls and Waves, Episode 1](#)

The holiday season is here -- and that's a pretty good reason for Model Railroader Video Plus/Trains.com's preeminent host David Popp to have a party! As the mini-series plays out this month, join David (along with other special guests) as he reveals some of the modeling/layouts projects and quick-hitting techniques keeping him engaged in the hobby. First up, adding wave effects to an existing body of water. And then, enjoy the remainder of the series throughout the holidays - on MRVideoPlus.com!

Review: Bachmann SC-44 Charger



[Review: Bachmann SC-44 Charger](#)

James gives us another review of a model railroad product. This time he is reviewing Bachmann's new HO scale SC-44 Charger, Amtrak's new motive power!

Install an NCE PowerCab DCC System



[Install an NCE PowerCab DCC System](#)

The thought of installing a DCC system on a model railroad sends chill up some people's spines, but it need not be that scary. In this video Larry Puckett explains how the NCE PowerCab DCC system works and then shows you how easy it is to install it on a model railroad. So sit back, relax, and get ready to see how easy it can be for you. Let's get started!

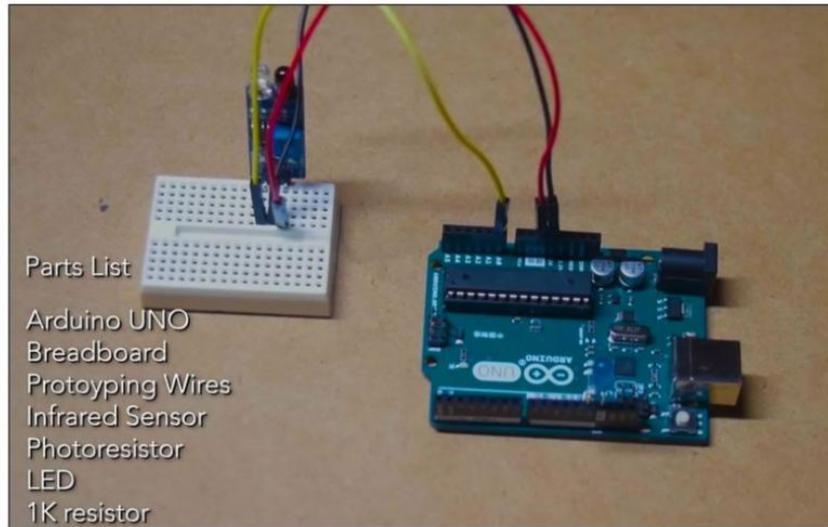
Arduino Basics: Sensors for Your Layout



Infrared Sensor



Photoresistor



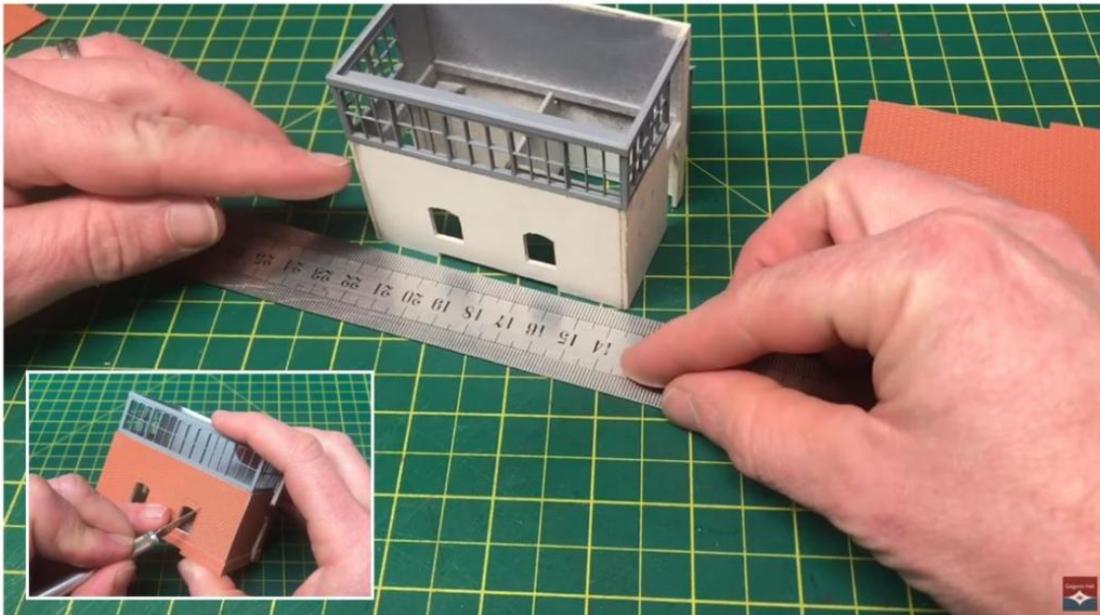
Parts List

- Arduino UNO
- Breadboard
- Prototyping Wires
- Infrared Sensor
- Photoresistor
- LED
- 1K resistor

Sensors for Your Layout

In this video we take a look at Arduino sensors and how to properly use them. Sensors are incredibly useful for modeling realistic automated processes on a model railroad like block signals and crossing gates.

Scratch Building a Signal Tower



Scratch Build a Signal Tower

Whether it is called a Signal TOWER (in the US), or a Signal BOX (in the UK), this structure serves the same purpose in both countries. Signal towers once served as the operational hub at many railroad locations, and kept the railroad moving.

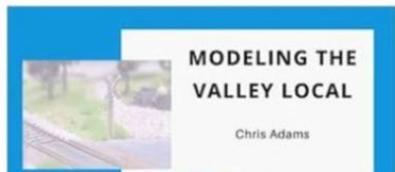
The signal box build is finally underway. In this first episode the presenter takes you through the drawings for it and then constructs the basic skeleton. In the last series he tried to show you a real time build in action but in an effort to reduce the running times of his videos he has edited this to a much higher degree.

He has also included a shopping list to go along with the build should you wish to get involved. Some of these items

will be linked to Scale Model Scenery and are affiliates.

NMRA-X Virtual Convention Clinics

NMRA-X Video Clinic Collection on YouTube



NMRA-X

64 videos • 7,712 views • Last updated on Jun 23, 2020



57



Mike Deverell - Drawing for laser cutting 101

NMRA ORG

53:17

58



Jim Gore MMR - Building Grandpa's service station

NMRA ORG

48:29

59



Dave Abeles - Onondaga Cutoff: Remote operations session

NMRA ORG

58:42

60



Frank Markovich - Detailing wood for structures and rolling stock

NMRA ORG

39:20

NMRA YouTube Channel

The NMRA-X is the virtual experience formed to bring some of the benefits of the organization live, right to your computer screens!

Last July NMRAX held the GatewayX, our first-ever NMRAX Virtual National Convention - a week-long event that ran every day during the week of July 12th to July 18th! This event, along with previous events, can be found on the NMRA-X YouTube channel.



December 1

ET	Type	Title	Clinician	Division	Location
6:30 PM	Clinic	Foreground Trees with Leaves	Jeff Gerow	HUB	MA, USA
7:15 PM	Layout Tour	Clinch Mountain Railroad	Dave MacPherson	HUB	MA, USA
7:30 PM	Clinic	Bringing the Railroad to Life with Layers	Lou McIntyre	Eastern Canada	NB, CAN
8:15 PM	Awards	Achievement Program and NERx Contest	Bill Brown, Ken May, & Kaylee Zheng		
8:30 PM	Clinic	Building Bar Mills Magee's Tire Repair Shop	Andy Reynolds	HUB	MA, USA
9:15 PM	Layout Tour	Danby, Ludlow, & Springfield Railroad	Ned Spiller	Lakeshores	NY, USA
9:30 PM	Clinic	Modeling an Operating Pre-WWII Railroad Grade Crossing Signal	Steve Perry	Sunrise Trail	NY, USA
10:15 PM	Layout Tour	Western Adirondack Railroad Modelers	Ed Olszewski	Central New York	NY, USA

NERx Convention Day 1

The Northeastern Region, working with the NMRA Social Media Team, produced a virtual convention during the evenings of December 1st - 4th. The NER had many of the activities you would normally see at in-person regional conventions, including clinics, layout tours, photo and model contests, and awards. Each evening featured a little bit of everything. Like all prior NMRax events, the NERx virtual convention is available to watch on the NMRA YouTube Channel.

[Editor's note: Don't be surprised if this video starts somewhere in the middle, or at the beginning. In my experience either is possible!]

Here is where you have the opportunity to tell us what you liked, would like to see, and where we could improve on the NERx virtual convention. It does not matter if you attended the convention, or not. Your input will help us to develop future programs in the Northeastern Region. Please take a moment to complete the [survey by clicking here](#).

Mole Valley Railroad in On30



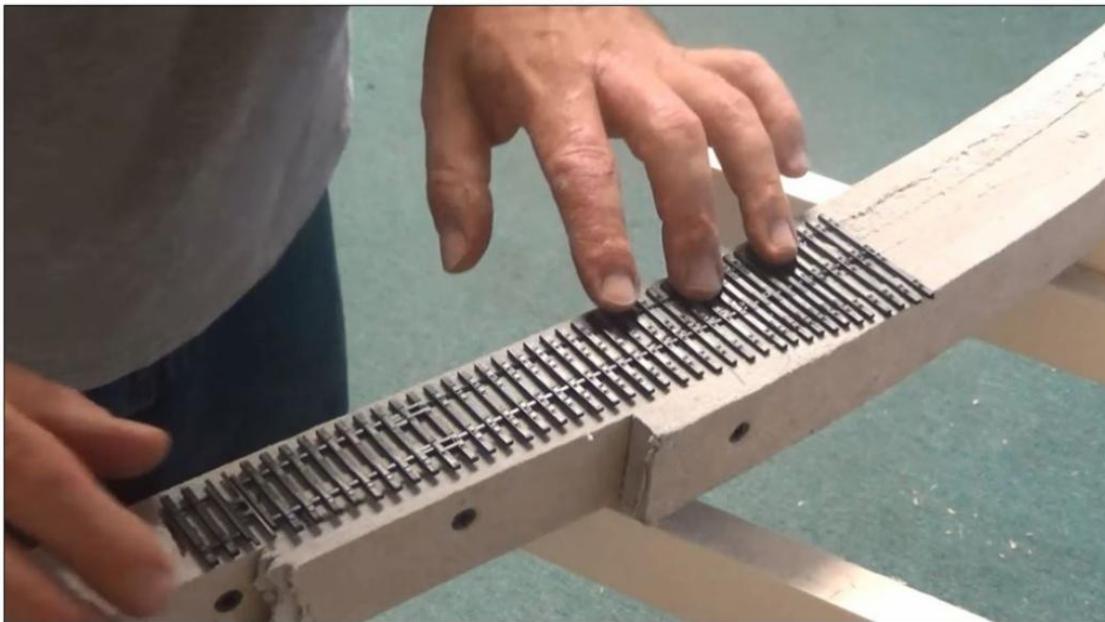
Mole Valley Railroad

One of the many train layouts on the Piedmont Pilgrimage Virtual Layout Tour was Alan Mole's On30 Mole Valley

Railroad. During the video, Alan discusses how he created his layout which includes both ships and trains in the design.

Best of the Rest

Working With Homasote Spline Roadbed



Homasote Spline Roadbed

Greg Styczynski explains how he is building his layout by using Homasote spline roadbed on L-girder benchwork.

Scratch Building Locomotive Sides Pt. 1



Scratch Building Locomotive Sides

In this video Michael Ostertag shows how he is converting an S scale (1/64) model of an SW1200 locomotive into an SW7 locomotive. He also shows us tips and techniques that can be used in any scale.

Build a Museum Quality Train Station



Build a Museum Quality Train Station

In this tutorial, Luke Towan will walk you through some of the tips and tricks for building an ultra-high quality model that could be a feature in a museum! It's really not as difficult as you might think.

This model is in HO scale however, like with nearly all of his previous videos, the techniques he uses can be applied to just about any other scale, from Z scale right through to G scale!

Build an Industry With Foamboard



Build an Industry with Foamboard

Lots of work has been done on the presenter's layout, such as painting and laying down some ground cover, and he has also made his first scratch-built building.

How to Scratch Build Long Coal/Ore Bins



Scratch Build Long Coal Bins

Michael McCarville demonstrates building an intermediate HO Project: Scratch Build Two Long Coal/Ore Bins.

NMRA Partnership Program



PARTNERSHIP PROGRAM

NMRA members can log in and click on the **Benefits** tab to view the **NMRA Partnership Program**. Please patronize all of our partners for some fantastic discounts as an NMRA member!

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Railroad, LLC**

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Clever Models, LLC

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Digikeijs

East Coast Circuits

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Great Decals!

Green Frog Productions

Hot Wire Foam Factory

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LARC Products

Logic Rail Technologies

Micro-Mark

Mine Mount Models

Miniprints

MinuteMan Scale Models

Model Railroad Benchwork

Model Train Catalogue

Modelers Decals & Paint

Motrak Models

MRC (Model Rectifier Corp)

Nick and Nora Designs

NScale Works by Mike Holly

Old West Scenery

Ram Track

RR-CirKits

Rusty Stumps ***

Scale Model Plans

Scalecoat Paint

Scenery Solutions

Showcase Miniatures

Team Track Models

The N Scale Architech

The Old Depot Gallery

Tichy Train Group

Train Installations, LLC

Train Show, Inc.

TSG Multimedia ***

Trainmasters TV/Model

Railroad Hobbyist Store

UGEARS

Unreal Details

USA Airbrush Supply/

Badger Airbrush

WiFi Model Railroad, LLC

Dec 2020

[New Partners in **RED** ***]

[NMRA Partnership Program](#)

The NMRA Partnership Program is a member benefit that truly has a tangible payback. We've partnered with model railroad manufacturers of all sizes, giving them exposure on our website in return for receiving generous discounts for NMRA members all year long. Some provide members with special codes, others prefer a phone or email order, but all appreciate the additional business from our members. And of course, our members appreciate the extra savings...savings that can actually pay the cost of NMRA membership! Be sure to check back often as new Partners are being added all the time.

Division Business Car

NMRA@HOME

A visit to Greg Rich's New Baltimore and Fair Haven

Featured in the Division Business Car Column appearing in the December, 2020 issue of NMRA Magazine.



This month, we are visiting Greg Rich's HO scale New Baltimore and Fair Haven layout. Greg's beautiful layout is set in the early 20th century when steam ruled the rails. There are two documents to view for Greg's layout, the original article as it appeared in the NCR's Hotbox newsletter and bonus material Greg sent as an [NMRA@Home](#) exclusive.

100%

What is a 100% NMRA Club?

Featured in the Division Business Car Column appearing in the December, 2020 issue of NMRA Magazine.

If you have not heard about 100% NMRA Clubs, this article will shed some light on this program. If you are a member of a club or are thinking about starting a club, there are benefits you can take advantage of if all the members of the club are NMRA members. Read the article to learn more.

Scratchbuild your own steel coil loads

Featured in the Division Business Car Column appearing in the December, 2020 issue of NMRA Magazine.



Paper has become popular again for scratchbuilding. This article will show you how to make and finish convincing steel coil loads for your layout from paper!



Building bridges bass-ackwards

Featured in the Division Business Car Column appearing in the December, 2020 issue of NMRA Magazine.

Most model railroaders build and install their bridges and track at the same time for a scene. But, what if you already built the track for the layout and have to add the bridges later. Here is an article that shows you how.

Division Business Car

The *Division Business Car* column appears in even-numbered months in NMRA Magazine. It's loaded with great modeling ideas, plus useful information that can help make your Division, Region or 100% NMRA Club even better. The information comes from articles published in Region, Division, and club newsletters. The best of

these articles are posted on the NMRA website. You can read the entire archive, from as far back as 2011 right up to the latest posting, by clicking [here](#).

Don't forget to visit the [Partnership Program](#) page on our website to get great deals and discounts!

Previous issues of the *NMRA Turntable* are available on the Turntable Archives page. You must first log in as a member at: nmra.org After you are in the members-only section, then hover over Publications on the menu bar, then *NMRA Turntable*, and then click on one of the list of back issues.

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The NMRA Turntable is an official monthly production of the National Model Railroad Association, Inc. Publishing Department ([Don Phillips](#), Manager). Its purpose is to introduce NMRA members to a selection of instructional videos and online publications that they may find of interest. If you know of an NMRA member who is not receiving this mailing, please direct them to [here](#) to update their email address. If you no longer wish to receive these mailings, please don't mark them as SPAM. Instead, click the Safe Unsubscribe link at the bottom of this page. ©2017 National Model Railroad Association, Inc., P.O. Box 1328, Soddy Daisy TN 37384.

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