

2013 Ready-To-Run

O Gauge & Tinplate Train Sets & Accessories



MT
ELECTRIC TRAINS

The Highest Quality Train Sets You Can Buy

A World of Your Own



In a world where much childhood play takes place on a two-dimensional screen, model railroading offers a form of play that is both old-fashioned and timeless. For more than a hundred years, children have been using toy trains — along with construction sets, toy figures, empty boxes, and anything else at hand — to build their own imaginary worlds.

While all of this can be accomplished today on a computer screen, there's still enormous value in building something with your hands, making it operate, and sharing it with your friends. Childhood development experts call it "unstructured, imaginative, free play" and they say it helps kids grow mentally and socially. We just think it's fun, and having fun has to be a good thing.

in Three Dimensions

It's all here

In this catalog, we offer everything you need to build a miniature world of your own — or just put up a train around the Christmas tree, or anything in-between. You'll find trains that are realistic and others that are whimsical, like our Christmas and M&M'S® sets.



Each of our ready-to-run sets includes everything you need to get started, all in one box. To expand your layout, we offer well over a hundred RailTown™ buildings and accessories; track systems in O Gauge and Standard Gauge; and a variety of safe, UL-approved transformers.

Start With the Best

Like the toy trains of decades ago, our trains are designed to provide years of enjoyment and stand up to childhood play. Compare our sets with those of our competitors, and you'll find M.T.H. trains are made of better materials, run more smoothly, last longer, and offer more features.

We invite you now to turn the page and see what we have to offer. We hope you'll find items in this catalog that will surprise and delight you, and encourage you to begin a model railroading adventure of your own.

See it in Action!

When you see this icon  search for the item number on www.mthtrains.com to see a video of the item in action!

www.mthtrains.com

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M.T.H. TRAINS ARE MORE FUN!



M.T.H. trains are more fun because they feature the sights and sounds that make real trains dramatic and exciting — features that you can control from the handheld DCS Remote Commander* as you walk around your layout:

Great Smoke

Our steam engines feature fan-driven ProtoSmoke™, the most powerful smoke system in the hobby.

Speed Control

Many toy trains have two speeds: fast and faster. Most M.T.H. locomotives feature the Proto-Sound® 3.0 sound and control system, which allows our engines to throttle down to a s-l-o-w crawl, highball down the main line, or maintain any speed in between. The Proto-Speed Control™ built into Proto-Sound locomotives acts like the cruise control on a car, keeping your train moving at the speed you select, regardless of hills and curves.

Vivid Engine Sounds

Proto-Sound features crystal-clear digital sounds: the wail of a diesel horn; the melody of an authentic steam whistle; the bell alerting passengers to your arrival or departure; steam chuff or diesel roar; and crew conversations.

Station Sounds

Proto-Sound passenger engines feature arrival and departure announcements of famous passenger trains. Freight engines include Freight Yard Proto-Effects™, a symphony of freight terminal sounds.

Synchronized Chuff and Puff

Like a real steam engine, M.T.H. steamers feature puffs of smoke and steam chuff sounds synchronized with the drive wheels. Better than any other toy train, an M.T.H. locomotive portrays the drama of a steam engine slowly chuffing and puffing as it pulls out of a station and gets up to speed.

Remote Uncoupling

O Gauge Proto-Sound steam and diesel engines offer remote uncoupling anywhere on your layout, accompanied by the clank of the coupler opening and the hiss of air hoses parting.

* Sets cataloged as Proto-Sound 3.0 include the DCS Remote Commander; trolley sets, Loco-Sound sets, and Traditional tinplate sets do not include the Commander.

THREE WAYS to get started in MODEL RAILROADING

RailKing® O Gauge

O Gauge has been the most popular size for children's starter sets for more than half a century. Compared with smaller scales and gauges, the large size of O Gauge trains makes them easy for children to handle and better at standing up to the rigors of childhood play. Impressive size and weight also make an O Gauge train a memorable toy that can leave a long-term impression.

Lionel Corporation Tinplate O Gauge

Made of stamped or die-cast metal and boasting bright, colorful paint schemes, tinplate trains hark back to the toys of another era, the pre-World War II decades of the twentieth century. This was a period when silent movies and then radio were among the chief forms of entertainment, and playthings were not intended to be realistic, but to serve as springboards for a child's imagination.

In that world, the toy train was king, proclaimed by Popular Mechanics as "The One Toy That Guarantees a Happy Childhood." Journey back to that era with our Lionel Corporation Tinplate reproductions of Lionel O Gauge trains of the 1920s and '30s, updated with modern Proto-Sound electronics for even more fun. Our tinplate O Gauge trains run on the same track and use the same remote controls as our RailKing O Gauge models.

Lionel Corporation Tinplate Standard Gauge

Significantly larger than O Gauge trains, Standard Gauge toy trains were popular before the invention of smaller electric motors made O Gauge trains possible. In the world of Standard Gauge, it was entirely plausible for a toy train company to advertise a shiny, cartoon-like locomotive as an amazingly realistic model of the latest technology on rails. The Standard Gauge world was inhabited by brightly-colored toys that were masterpieces of the toy-makers art, only loosely related to the real world, and a favorite toy of almost every boy in America.

While original Standard Gauge trains became extinct by the late 1930s, our Lionel Corporation Tinplate models enable you to relive the joy that a child felt when playing with these toys seven or eight decades ago. And thanks to Proto-Sound 3.0, you can enjoy these models with features that a child of the 1920s or '30s could only dream of, including clouds of puffing smoke, a wailing whistle, a clanging bell, and remote-controlled passenger station announcements.



The Highest Quality Train Sets You Can Buy 3

QUALITY AND VALUE

Compare Before You Buy

At M.T.H., we consider the ready-to-run train set our best opportunity to make a great impression on any newcomer to the wonderful world of model railroading. That's why we don't skimp on the quality and value you'll find in every M.T.H. ready-to-run starter set. Compare our sets with those of our competitors and you'll see what makes an M.T.H. starter set the best way to begin your model railroading journey.

M.T.H. ready-to-run train sets include track, transformer, interactive DVD with track layout software and operator's manual.



Every M.T.H. passenger car has a lighted interior and metal trucks and couplers.



Every M.T.H. locomotive features durable metal gears, wheels and axles.



Every M.T.H. locomotive features a smooth, powerful drive train that can haul many additional cars.



Every M.T.H. Ready-To-Run Set features snap-together nickel-silver, rust proof track, built to stand up to the rigors of childhood play. You can even stand on the O gauge track.



M.T.H. train sets feature powerful transformers and remote control that can handle long trains as your railroad expands.



READY-TO-RUN SET FEATURES

As explained on the previous pages and detailed below, M.T.H. train sets are loaded with features you won't find in other manufacturers' sets. The following list covers the general features and contents of our train sets. For a specific listing of each set's features and contents, visit our Web site at www.mthtrains.com.

SET CONTENTS

O Gauge RailKing (except trolleys) include:

- Locomotive
- 3-Car passenger or freight consist with metal trucks and couplers
- 31" x 51" 12-piece RealTrax™ oval
- Lighted track Lock-On, with wires to connect to transformer
- UL-approved 50-watt Z-500™ power supply with DCS Remote Commander handheld remote control (Proto-Sound 3.0 sets) or Z-Controller (Loco-Sound sets)
- RailWare™ interactive DVD with track layout software

O Gauge RailKing Trolley Sets include:

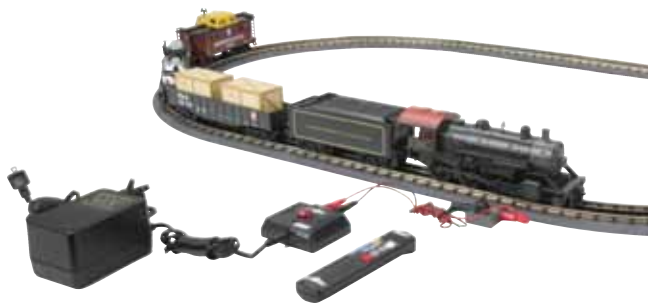
- Operating Trolley Car
- RailWare™ Interactive DVD With Track Layout Software
- 31" diameter 8-piece RealTrax circle
- ZDC Transformer With Controller
- Lighted Track Lock-On

O Gauge Lionel Corporation Tinplate Sets include:

- Locomotive
- 3-Car passenger or freight consist with metal trucks and couplers
- 31" x 51" 12-piece RealTrax oval
- Lighted track Lock-On, with wires to connect to transformer
- UL-approved 50-watt Z-500™ power supply with DCS Remote Commander handheld remote control (Proto-Sound 3.0 sets) or Z-Controller (Traditional sets)
- RailWare™ interactive DVD with track layout software

Standard Gauge Lionel Corporation Tinplate Sets include:

- Locomotive
- 2-Car passenger or freight consist
- 8-piece 42" circle of Standard Gauge track
- Lighted track Lock-On, with wires to connect to transformer
- UL-approved 50-watt Z-500™ power supply with DCS Remote Commander handheld remote control



LOCOMOTIVE FEATURES

RailKing O Gauge and Lionel Corp. Tinplate Proto-Sound 3.0 Steam Engines Feature:

- Die-cast metal boiler and chassis on RailKing O Gauge models
- Sheet metal boiler and die-cast metal chassis on Lionel Corp. Tinplate models
- Flywheel-equipped motor
- Synchronized puffing ProtoSmoke™
- Operating headlight
- All-metal wheels and gears
- Proto-Sound 3.0 sound and control system featuring crystal-clear digital sounds that include whistle, bell, steam chuff, Passenger or Freight Station Proto Effects™, crew conversations, and atmospheric sounds.
- Remotely controlled Proto-Coupler™ on tender (not featured on Standard Gauge locomotives)

O Gauge RailKing Diesel Engines Feature:

- Intricately detailed, durable ABS body
- Metal frame
- Die-cast metal pilots and trucks
- Twin flywheel-equipped motors
- Operating headlight
- All-metal wheels and gears
- 2 remotely controlled Proto-Couplers™
- Proto-Sound 3.0 sound and control system featuring locomotive speed control and crystal-clear digital sounds that include horn, bell, diesel motor, Passenger or Freight Station Proto-Effects™, crew conversations, and atmospheric sounds.*

Check online at www.mthtrains.com for specific features and contents of all sets.

Christmas 4-6-0 Steam Passenger



Christmas - 4-6-0 Steam Passenger R-T-R Train Set
30-4218-1 Proto-Sound 3.0 \$429.95

The holiday season and toy trains have always gone together. What better way to create your family's own version of this classic tradition than to include a beautifully decorated Christmas set around your holiday tree. Trimmed in traditional Christmas colors, the M.T.H. Christmas Express set captures the spirit and fun of model railroading in an affordable train set that will last for years.

The unique, crystal-clear digital sounds of the Christmas Express will amaze your friends and family. Imagine their faces when the whistle wails, the bell clangs, or the conductor announces Santa's next station stop! Of course, seeing the puffing smoke from the locomotive as it pulls its three-car consist with die-cast metal trucks and operating metal couplers is even more impressive and tells all who see it that this is one great set. Add-on, lighted diner, coach and baggage cars are available to make your train even more impressive -- and the Christmas Express steam engine has plenty of power to pull them all!

Like every RailKing Ready-to-Run sets, the Christmas Express includes a 12-piece RealTrax oval that assembles in minutes and can be placed right on the carpet or floor for a temporary holiday layout.



Set



Christmas - Madison Diner
33-6248 \$54.95

Christmas - Madison Coach
33-6247 \$54.95



Christmas - Madison Baggage Car
33-6250 \$54.95



Pennsylvania 4-6-0 Steam

Freight Set



Pennsylvania - 4-6-0 Steam Freight R-T-R Train Set

30-4215-1	Proto-Sound 3.0	\$399.95
30-4208-0	Loco-Sound	\$339.95

In its heyday, the Pennsylvania Railroad was one of the largest transportation systems the world had ever seen. Over its 30,000 miles of track roamed thousands of locomotives and tens of thousands of cars, most of them designed by the railroad itself and many of them built in the road's own shops in Altoona, PA. Its conquest of the Appalachian Mountains at Horseshoe Curve, just west of Altoona, was and still is a landmark of railroad engineering, carrying freight and passengers between the East and the Midwest.

Relive the glory days of the "Standard Railroad of the World" with this rugged, hard-working freight set. With its huge plumes of puffing smoke, deep chuffing sound, and wailing whistle, it's easy to imagine you're battling your way west across Horseshoe curve to deliver the goods to Chicago or St. Louis. For even more fun, add extra cars decorated for the Pennsylvania and other railroads — this heavy, die-cast steam locomotive has plenty of power to pull them.



Pennsylvania - Flat Car with Bulkheads & Pipe Load
30-76504 \$49.95



Pennsylvania - Modern Reefer Car
30-78156 \$49.95

Did you know?

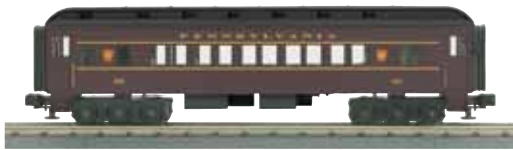
Steam locomotives are identified by their wheel arrangements. A 4-6-0 like the engine on this page — also known as a Ten-Wheeler — has 4 small wheels up front to guide it through curves, 6 driving wheels to deliver power to the rails, and no wheels at the rear, where the firebox is.



Pennsylvania 4-6-0 Steam Passenger Set



Pennsylvania - 4-6-0 Steam Passenger R-T-R Train Set
30-4216-1 Proto-Sound 3.0 \$429.95



Pennsylvania - Madison Coach
33-6244 \$54.95



Pennsylvania - Madison Diner
33-6245 \$54.95



Pennsylvania - Madison Combine
33-6246 \$54.95

The Broadway Limited was the premier train of the premier railroad in America. In an era before air travel was common, the Pennsylvania Railroad's Broadway — along with its rival, the New York Central's Twentieth Century Limited — were the way to travel between New York and Chicago in style. At the end of a long day at work, you could board the train, have a gourmet dinner in the diner while the porter made up your bed, be rocked to sleep by the gentle motion of your sleeping car, wake up to a fine breakfast, and arrive at your destination in time for a morning meeting.

Imagine you're a CEO or movie star taking in the view from the rear platform of the observation car, as the locomotive's whistle echoes off the Appalachian mountainsides. Thanks to Proto-Sound 3.0, our recreation of the Penn's finest name train features realistic whistle, bell, and steam chuff sounds, huge plumes of puffing smoke, and station announcements for the Broadway Limited. For even more fun, add extra lighted passenger cars, each with interior detail — this heavy, die-cast steam locomotive has plenty of power to get them over the mountains.



BNSF SD70ACe Diesel

Freight Set



BNSF - SD70ACe Diesel R-T-R Deluxe Freight Train Set
30-4220-1 Proto-Sound 3.0 \$429.95

These deluxe freight sets are headed by the most modern and greenest power on American rails today. Designed to comply with new Environmental Protection Agency regulations, the Electro-Motive Diesel SD70ACe locomotive features a 16-cylinder engine that puts out 4300 horsepower — 10% more power than its predecessor with 50% less emissions.



BNSF - 4-Bay Hopper
30-75443 \$49.95

In addition to the diesel motor, virtually every element of the SD70ACe has been re-thought to create a 21st century locomotive. Ergonomics were a prime consideration. The engine's angular nose offers the crew far better visibility than most other locomotives, and the cab is comfortable for engineers of almost any size. Digital screens provide a range of information on what is happening both inside the locomotive and out on the road. The cab easily accommodates a crew of three, and there is, of course, a cupholder for the engineer.



BNSF - Modern Reefer Car
30-78155 \$49.95

Our superbly detailed, top-of-the-line RailKing Imperial model of this modern freight mover features a full range of locomotive sounds recorded from an actual SD70ACe. Outfitted



Norfolk Southern SD70ACe Diesel Freight Set



with twin powerful flywheel-equipped motors, all-metal wheels and gears, and our revolutionary Proto-Speed Control, our SD70ACe will haul long freights at any speed from a crawl to full throttle. Remotely activated front and rear Proto-Couplers allow you to pick up and drop off freight wherever you like.

Additional Imperial features on the SD70ACe include operating diesel exhaust smoke and flashing ditch lights. With the DCS Remote Commander handheld controller included in each set, you can activate all of these features anywhere on your layout.

Model the ground-shaking, high horsepower drama of modern railroading with these RailKing Imperial freight sets. Imagine you're hauling goods from the midwest to the west coast on the BNSF Railway, or across the eastern half of the U.S. on the Norfolk Southern Railway, with the company's thoroughbred logo emblazoned on the front of your locomotive.

Norfolk Southern - SD70ACe Diesel R-T-R Deluxe Freight Train Set
30-4219-1 Proto-Sound 3.0 \$429.95



Norfolk Southern - Flat Car with Bulkheads & Pipe Load
30-76503 \$49.95



Norfolk Southern - 4-Bay Hopper
30-75442 \$49.95



CSX SD70ACe Diesel Freight Set



CSX - SD70ACe Diesel R-T-R Deluxe Freight Train Set
30-4224-1 Proto-Sound 3.0 \$429.95



CSX - Modern Reefer Car
30-78157 \$49.95



CSX - 4-Bay Hopper
30-75446 \$49.95

These deluxe freight sets are headed by the most modern and greenest power on American rails today. Designed to comply with new Environmental Protection Agency regulations, the Electro-Motive Diesel SD70ACe locomotive features a 16-cylinder engine that puts out 4300 horsepower — 10% more power than its predecessor with 50% less emissions.

In addition to the diesel motor, virtually every element of the SD70ACe has been re-thought to create a 21st century locomotive. Ergonomics were a prime consideration. The engine's angular nose offers the crew far better visibility than most other locomotives, and the cab is comfortable for engineers of almost any size. Digital screens provide a range of information on what is happening both inside the locomotive and out on the road. The cab easily accommodates a crew of three, and there is, of course, a cupholder for the engineer.

Our superbly detailed, top-of-the-line RailKing Imperial model of this modern freight mover features a full range of locomotive sounds recorded from an actual SD70ACe. Outfitted with twin powerful flywheel-equipped motors, all-metal



UP SD70ACe Diesel Freight Set



Union Pacific - SD70ACe Diesel R-T-R Deluxe Freight Train Set
30-4225-1 Proto-Sound 3.0 \$429.95

wheels and gears, and our revolutionary Proto-Speed Control, our SD70ACe will haul long freights at any speed from a crawl to full throttle. Remotely activated front and rear Proto-Couplers allow you to pick up and drop off freight wherever you like.

Additional Imperial features on the SD70ACe include operating diesel exhaust smoke and flashing ditch lights. With the DCS Remote Commander handheld controller included in each set, you can activate all of these features anywhere on your layout.

Model the ground-shaking, high horsepower drama of modern railroading with these RailKing Imperial freight sets. Imagine you're hauling goods across the southwest on the Union Pacific, America's largest railroad, or up and down the eastern seaboard on CSX Transportation.



Union Pacific - Modern Reefer Car
30-78158 \$49.95



Union Pacific - Flat Car with Bulkheads & Pipe Load
30-76505 \$49.95



Santa Fe F-3 Diesel Passenger Set



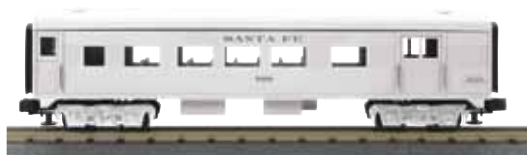
Santa Fe - F-3 R-T-R Passenger Train Set
30-4222-1 Proto-Sound 3.0 \$349.95



Santa Fe - Streamlined Full-Length Vista Dome Car
33-6056 \$54.95



Santa Fe - Streamlined Coach
33-6054 \$54.95



Santa Fe - Streamlined Combine
33-6055 \$54.95



For luxury travel between Chicago and Los Angeles, the Santa Fe was the way to go. Highballing through the Southwest's deserts and mountains, Santa Fe streamliners like the Chief, Super Chief, and El Capitan were rolling hotels where one could eat like a king and be lulled to sleep by the gentle rhythm of the rails. Santa Fe streamliners were a favorite means of travel for movie stars, and in 1951 the railroad was the first to introduce dome cars on the Chicago-L.A. route.

Imagine you're on your way to Hollywood in this Santa Fe passenger set. Each car (except the baggage car) has a detailed, lighted interior. The engine features authentic Santa Fe station announcements and crystal-clear digital bell, horn, and diesel motor sounds. Add additional matching cars for even more fun — this twin-motored diesel has plenty of power to pull them!

Bump-Reverse Trolley Sets



Introduce someone you love to model railroading with the magic of a RailKing Ready-To-Run trolley set, or take advantage of the way it complements your own holiday decor when set up around the Christmas tree.

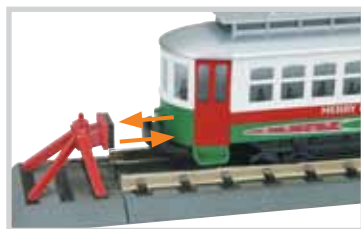
The colorful trolley features a lighted interior, metal wheels and gears, and a long-lasting motor. The unit operates on any O Gauge track system including the easy-to-assemble RealTrax system found inside each set. Optional track bumpers can be added to take advantage of the Automatic Bumper Reversing Mechanism (ABRM) that changes the trolley's direction when it hits a track bumper.



Christmas - Trolley Set
30-4172-1 \$129.95



M&M'S® Brand - Trolley Set
30-4191 \$129.95



*Bumpers Not Included
(Available separately, see page 69)*



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Christmas No. 269E Distant Control



LIONEL ELECTRIC TRAINS

MODEL RAILROAD ACCESSORIES
LIONEL CORPORATION TINPLATE

Christmas No. 269E Distant Control Freight Set

11-5509-1 Proto-Sound 3.0 \$499.95

11-5509-0 Traditional \$499.95



Freight Set



Exemplifying the gleaming sheet metal beauty of the tinplate era, our 269E Christmas set, headed by the 261E locomotive, is a great way to begin your own annual holiday tradition. Cataloged by Lionel in 1935 only, the 261E engine came out in the same year that Lionel announced its “greatest triumph of them all”: its remote-controlled locomotive whistle that added “uncanny realism” to any layout. “Press a button and your locomotive will whistle any signal. Whether it’s moving forwards, backwards, or standing still.”

The 261E locomotive, with its 2-4-2-wheel arrangement, was advertised as a “high-speed, powerful locomotive, with a wealth of detail.” In addition to the 261E steam engine, our holiday set celebrates the colors of the season with a candy striped tank car, holiday-themed hopper, and lighted caboose, all with gleaming bright metal trim.

Thanks to Proto-Sound 3.0 electronics, our 261E steamer delivers smoother operation than any original tinplate locomotive, as well as chuff sounds and huge plumes of puffing smoke — synchronized with the drivers’ revolutions — and a clanging bell and wailing whistle guaranteed to brighten your family’s holiday celebrations for years to come.



Christmas 249E O Gauge Passenger Set



LIONEL ELECTRIC TRAINS
MODEL RAILROAD ACCESSORIES
 LIONEL CORPORATION TINPLATE



Christmas - 249E O Gauge Steam Passenger Train Set

11-5505-1	Proto-Sound 3.0	\$499.95
11-5505-0	Traditional	\$499.95

Cataloged from 1936-37, the O gauge 249E steamer was part of the last hurrah of tinplate — Lionel's final attempt to convince the boys of America that real steam engines had chrome-plated domes and bright brass piping. Even in the 1936 catalog that introduced the 249E, the future was apparent in the more-realistic all-black locomotives portrayed on the cover and the scale-sized Union Pacific streamliner inside. This Christmas-themed set celebrates the brightly colored passenger trains the 249E headed in the twilight of tinplate, in that 1936 catalog that combined both the past and the future of model railroading.



The Proto-Sound 3.0 version of our 249E, however, offers features that a child in the 1930s could only dream of: chuffing sounds and puffing smoke synchronized with the drive wheels' revolutions, wailing whistle, clanging bell, and remote-controlled station arrival and departure announcements. The gleaming red locomotive is trailed by three illuminated Pullman cars decorated with bright metal trim and colorful baked enamel paint.

This ready-to-run set features everything you need to begin a tinplate Christmas tradition of your own — including a powerful transformer and a 31" x 51" oval of track that assembles in minutes and can be placed right on the carpet or floor for a temporary holiday layout.



Christmas No. 318E Freight Set

LIONEL ELECTRIC TRAINS
MODEL RAILROAD ACCESSORIES
LIONEL CORPORATION TINPLATE



Std.
Gauge

Christmas - No. 318E Freight Set
11-5013-1 Proto-Sound 3.0 \$599.95

In the tinplate era, it was perfectly normal for a 4-wheeled toy to be advertised as an accurate replica of a famous 16-wheeled locomotive. So it was with Lionel's No. 318E — which was loosely based on the New York Central Railroad's S-2 electric locomotive, built to haul passengers to and from Manhattan's Grand Central Terminal after a 1908 law banished steam locomotives within the city limits.



Christmas - No. 515 Std. Gauge Oil Car
11-30134 \$99.95

Lionel's version, which was less sharp-edged and arguably handsomer than the real thing, was cataloged in freight and passenger sets from 1924–1931. Our Christmas-themed replica of a typical 318E freight set from the Roaring Twenties features the gleaming paint and bright metal trim of the originals, plus the magic of Proto-Sound 3.0: blaring horn, clanging bell, Christmas-themed freight station sounds, and Proto-Speed Control to keep your train running smoothly and dependably at any speed from a crawl to full throttle.

The large size, vivid colors, and stellar sounds of this Standard Gauge set are sure to make it a favorite part of your holiday tradition. Included with the engine and its 3-car train are a DCS Remote Commander handheld controller with 50-watt power supply and an 8-piece circle of track, so you can begin running trains almost as soon as you open the box.



Jersey Central No. 384E Steam

Passenger Set

LIONEL ELECTRIC
MODEL RAILROAD
ACCESSORIES
TRAINS
LIONEL CORPORATION TINPLATE



Std.
Gauge

Jersey Central - No. 384E Steam Passenger Train Set
11-5010-1 Proto-Sound 3.0 \$599.95

While Lionel's 1930 catalog described it as "A real locomotive in all but size," Standard Gauge steam engines like the 384 were not so much scale models as cartoon-like caricatures: wildly oversized drivers; bright brass, copper, and nickel trim; colorful, gleaming paint; and a cast iron frame topped by a sheet metal boiler and cab. This brightly colored set replicates the magic of the tinplate trains that gladdened the heart of many a child in the early decades of the 20th century, and gives you everything you need to begin your own tinplate family tradition — all in one box.

Thanks to Proto-Sound 3.0 electronics, our 384 steamer delivers smoother operation than any original Standard Gauge locomotive, as well as huge plumes of puffing smoke — synchronized with the drivers' revolutions — and a clanging bell and wailing whistle guaranteed to delight children of all ages.



Jersey Central - 339 Series Passenger Car
11-40060 \$139.95



Jersey Central - 332 Series Baggage Car
11-40059 \$139.95



No. 342E Passenger Set

LIONEL ELECTRIC TRAINS
MODEL RAILROAD ACCESSORIES
LIONEL CORPORATION TINPLATE



Std.
Gauge

Lionel Lines - No. 342E Std. Gauge Passenger Set
11-5012-1 Proto-Sound 3.0 \$599.95



Lionel Lines - No. 309 Coach Passenger Car
11-40074 \$139.95



Lionel Lines - No. 310 Baggage Passenger Car
11-40073 \$139.95

One of Lionel's most popular lower-priced outfits, the 342E Standard Gauge passenger set came highly enameled in Duo-Tone colors. The set included the 318E Distant Control locomotive, plus a train of illuminated Pullman cars with simulated stained glass panels above each window. Bringing up the rear was an observation car with a brass-trimmed open-air platform, where toy passengers could presumably step outside, smoke an expensive Cuban cigar, and watch the world recede behind the train.

Our recreation of this tinplate classic comes decorated in Lionel's iconic blue and orange color scheme and lettered for the fictional Lionel Lines. Car names commemorate locations of historic Lionel facilities. And thanks to Proto-Sound 3.0, the set's 318E locomotive features a blaring horn, clanging bell, passenger station announcements, and Proto-Speed control for smooth, steady operation at any speed from a crawl to full throttle.



Operating Hand Car



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M&M'S® Brand - Operating Hand Car
30-2597 \$69.95

The RailKing handcar features two track workers pumping the handle up and down to get the car rolling. The faster they pump, the faster the car goes. The unit operates on any O Gauge track system and features an Automatic Bumper Reversing Mechanism (ABRM) that changes the car's direction when it hits a track bumper.



Pennsylvania - Operating Hand Car
30-2574 \$59.95

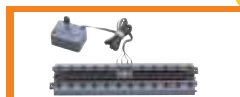


Christmas - Operating Hand Car
30-2573 \$59.95

Operating Box Car with Signal Man



Christmas - Operating Box Car with Signal Man
30-79376 \$79.95



Operating cars require 40-1008 Operating Track Section, page 72



Activate this car by remote control and watch as the door opens and the brakeman signals with his lighted lantern. Then he goes back into the car and the door closes until he's needed again.



Bessemer & Lake Erie - Operating Box Car with Signal Man
30-79377 \$79.95



New York Central - Operating Box Car with Signal Man
30-79378 \$79.95

Baltimore & Ohio - Operating Box Car with Signal Man
30-79379 \$79.95



Operating Action Car



Christmas - Operating Action Car
30-79372 \$74.95

Features bright,
backlit moving
scenes



Circus - Operating Action Car
30-79373 \$74.95



Sockeye Salmon - Operating Aquarium Car
30-79375 \$74.95



Goldfish - Operating Aquarium Car
30-79374 \$74.95

Box Car



Christmas - Box Car
30-74724 \$49.95



Central of Georgia - Box Car
30-74727 \$49.95



Western Pacific - Box Car
30-74728 \$49.95



Great Northern - Box Car
30-74729 \$49.95



New Years - Box Car
30-74726 \$49.95



Season's Greetings - Box Car
30-74725 \$49.95

Modern Reefer



Christmas - Modern Reefer Car
30-78151 \$49.95



Virginia Ham - Modern Reefer Car
30-78152 \$49.95



Georgia Peaches - Modern Reefer Car
30-78153 \$49.95



Maine Blueberries - Modern Reefer Car
30-78154 \$49.95

4-Bay Hopper



Southern - 4-Bay Hopper
30-75438 \$49.95



Delaware & Hudson - 4-Bay Hopper
30-75439 \$49.95



New Haven - 4-Bay Hopper
30-75440 \$49.95



Detroit Toledo & Ironton - 4-Bay Hopper
30-75441 \$49.95

Modern Tank Car



Procor - Modern Tank Car
30-73395 \$49.95



Arco - Modern Tank Car
30-73396 \$49.95



Citgo - Modern Tank Car
30-73397 \$49.95



Tenneco - Modern Tank Car
30-73398 \$49.95

Flat Car with Bulkheads & Pipe Load



Santa Fe - Flat Car with Bulkheads & Pipe Load
30-76499 \$49.95



Boston & Maine - Flat Car with Bulkheads & Pipe Load
30-76500 \$49.95



Illinois Central - Flat Car with Bulkheads & Pipe Load
30-76501 \$49.95



Northern Pacific - Flat Car with Bulkheads & Pipe Load
30-76502 \$49.95

Gondola with Crates



Christmas - Gondola with Crates
30-72114 \$54.95



New York Central - Gondola with Crates
30-72115 \$54.95

Cars include 3 removable crates



BNSF - Gondola with Crates
30-72117 \$54.95



Reading - Gondola with Crates
30-72116 \$54.95

O Gauge or 2-Rail O Scale Couplers & Trucks

3-Rail

Railking 3-Rail Bettendorf Freight Car Two-Truck Pack
30-89001 \$14.99

Railking 3-Rail Roller Bearing Freight Car
Two-Truck Pack
30-89002 \$14.99



Premier 3-Rail Bettendorf Freight Car Two-Truck Pack
20-89003 \$14.99

Premier 3-Rail Roller Bearing Freight
Car Two-Truck Pack
20-89004 \$14.99



Premier 2-Rail

2-Rail Lightweight Passenger Car Two-Truck Pack*
20-89007 \$24.95



2-Rail Heavyweight Passenger Car Two-Truck Pack*
20-89014 \$24.95



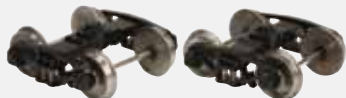
2-Rail 64' Woodsided Passenger Car Two-Truck Pack*
20-89012 \$24.95



2-Rail Bettendorf Caboose Two-Truck Pack*
20-89015 \$17.95



2-Rail Bettendorf Freight Car Two-Truck Pack
20-89001 \$17.95



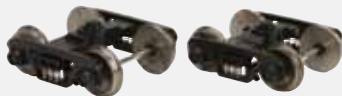
2-Rail Roller Bearing Caboose Two-Truck Pack*
20-89016 \$17.95



2-Rail CA-1 Caboose Two-Truck Pack
20-89017 \$17.99



2-Rail Roller Bearing Freight Car Two-Truck Pack
20-89002 \$17.99



*Includes Removable 3-Rail Couplers

End-Of-Train-Device Roller Bearing Freight Truck

White End-of-Train-Device Roller Bearing Freight Truck
20-89013 \$24.95

Yellow End-of-Train-Device Roller Bearing Freight Truck
20-89010 \$24.95



Proto-Sound 2.0 10-Pin Wireless Drawbar Set
20-89011 \$29.95

Proto-Sound 3.0 6-Pin Wireless Drawbar Set 1
Contains 3 Drawbar Sizes: 25mm, 30mm, 45mm
20-89020 \$29.95

Proto-Sound 3.0 6-Pin Wireless Drawbar Set 2
Contains 3 Drawbar Sizes: 30mm, 35mm, 50mm
20-89021 \$29.95

Flashing Red LED

RailTown™ Buildings & Accessories

See it in Action!

When you see this icon  search for the item number on www.mthtrains.com to see a video of this item in action!



- Maintenance Kit
30-50051 \$24.95
Includes: 4 oz. Track Cleaner solution, 1/3 oz. grease, 14.9 ml medium oil in precision needle oiler, and 3 1/2" x 5" Scotchbrite cleaning pad

Keep your Trains
Running Their Best



- Track Cleaning Block
40-1099 \$22.99



- Bag Of Coal
30-50005 \$4.99



- American Flag Pole/Flag
30-9074 \$27.95
Measures: 4 3/8" x 10 3/8"



- 7 oz. ProtoSmoke™ Fluid

60-1045	Unscented	\$15.95
60-1046	Christmas	\$15.95
60-1047	Coal	\$15.95
60-1048	Diesel	\$15.95
60-1049	Woodburning	\$15.95

- Assortment (36 pieces)
2 oz. ProtoSmoke™ Fluid Bottles
60-1051 \$189.95

- 2 oz. ProtoSmoke™ Fluid Bottles

60-1051a	Christmas	\$5.29
60-1051b	Coal	\$5.29
60-1051c	Diesel	\$5.29
60-1051d	Wood Burning	\$5.29
60-1051e	Coffee	\$5.29
60-1051f	Eggs & Bacon	\$5.29
60-1051g	Vanilla	\$5.29
60-1051h	Candy Cane	\$5.29
60-1051i	Barbeque	\$5.29
60-1051j	Pipe Smoke	\$5.29
60-1051k	Cinnamon Roll	\$5.29
60-1051l	Apple Pie	\$5.29
60-1051m	Unscented	\$5.29

■ Traditional Accessories

■ O Scale Accessories

O Scale accessories are realistic O scale models, 1/48 of the actual item's size, while Traditional accessories are more toy-like in appearance and proportions.

■ Miscellaneous Accessories



■ BP - #455 Oil Derrick
30-90435 \$119.95
Measures: 9 3/4" x 5 3/4" x 13 3/4"



■ Yellow - #395 Floodlight Tower
30-9025 \$59.95
Measures: 5" x 5" x 11 1/4"



■ Shell - #455 Oil Derrick
30-90033 \$119.95
Measures: 9 3/4" x 5 3/4" x 13 3/4"



■ Operating Radar Tower
30-9032 \$59.95
Measures: 4 1/2" x 5" x 11 1/2"

Fully Operational
Pickup & Dump
Mechanism



■ Operating Coaling Tower
30-9158 \$169.95
Measures: 9 1/2" x 8" x 12"



■ #262 Crossing Gate/Signal
30-1073 \$54.95
Measures: 9" Tall

Accessories

**Operating
Destination Signs!**



■ Pennsylvania - #334 Dispatch Board
30-9165 \$79.95
Measures: 10 1/2" x 4 1/4" x 7 1/2"



■ Union Pacific - #334 Dispatch Board
30-9166 \$79.95
Measures: 10 1/2" x 4 1/4" x 7 1/2"



■ Flushing-Main Street / Roosevelt Avenue
Subway Entrance
30-90467 \$29.95
Measures: 3 5/8" x 1 3/4" x 2"



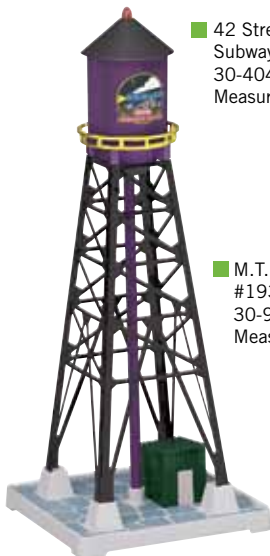
■ Vernon Boulevard-Jackson Avenue
Subway Entrance
30-90468 \$29.95
Measures: 3 5/8" x 1 3/4" x 2"



■ 42 Street / Lexington Avenue
Subway Entrance
30-40469 \$29.95
Measures: 3 5/8" x 1 3/4" x 2"



■ Rotary Beacon
30-9033 \$59.95
Measures: 5" x 5" x 11 1/4"



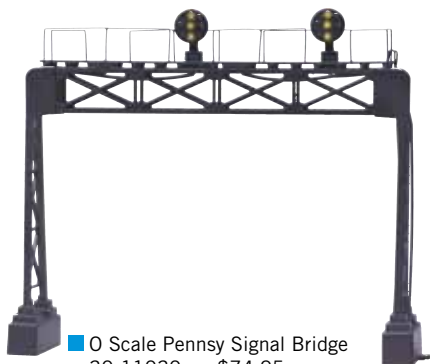
■ M.T.H. Electric Trains
#193 Industrial Water Tower
30-90415 \$54.95
Measures: 6" x 6" x 14 3/4"



■ "O" Operating Crossing Flasher Set w/Sound
30-11014 \$69.95
Measures: 5 1/2" x 2 1/2" x 1"



■ O Scale Position Light Signal lamps
30-11030A \$19.95
Measures: 1 1/4" Tall



■ O Scale Pennsy Signal Bridge
30-11030 \$74.95
Measures: 12 5/8" x 3 15/16" x 10 1/8"



■ O-Scale Operating Crossing Gate Signal Set (2)
30-11012 \$74.95
Measures: 8 1/2" x 2" x 8"



■ "O" Scale Modern Operating Crossing Signal
30-11006 \$59.95
Measures: 7" Tall



■ O-Scale Dwarf Signal
30-11011 \$29.95
Measures: 1" x 1 7/8" x 1 3/4"



■ O Scale Vertical Signal
30-11036 \$49.95
Measures: 1 3/16" x 2 5/8" x 7 1/8"



■ O Scale Vertical Signal lamps
30-11009A \$19.95
Measures: 1 1/4" Tall

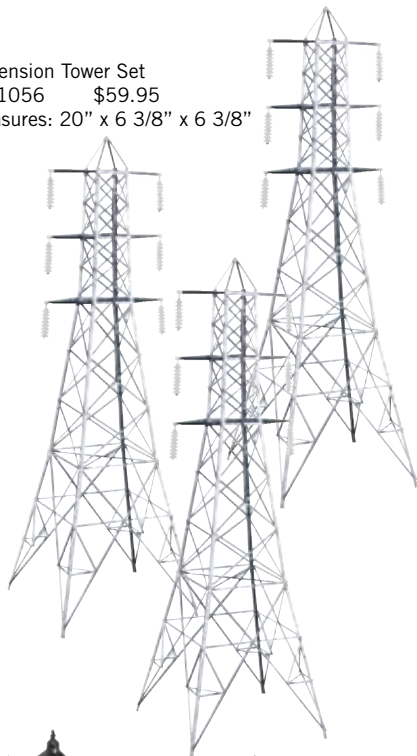


■ O Scale Cantilevered Signal Bridge
30-11009 \$59.95
Measures: 8 1/2" x 2 1/2" x 6 1/2"

Accessories



■ Hi-tension Tower Set
30-1056 \$59.95
Measures: 20" x 6 3/8" x 6 3/8"



■ O Scale Floodlight Tower Set
30-11039 \$69.95
Measures: 3" x 1 1/8" x 13 1/2"



■ "O" Lamp Set - Triple Park Light
30-1079 \$29.95
Measures: 3/4" x 4 7/16"



■ Black - "O" Lamp Set
Hexagonal
30-1062 \$29.95
Measures: 4" Tall



■ Black - "O" Lamp Set - Round
30-1078 \$29.95
Measures: 4" Tall



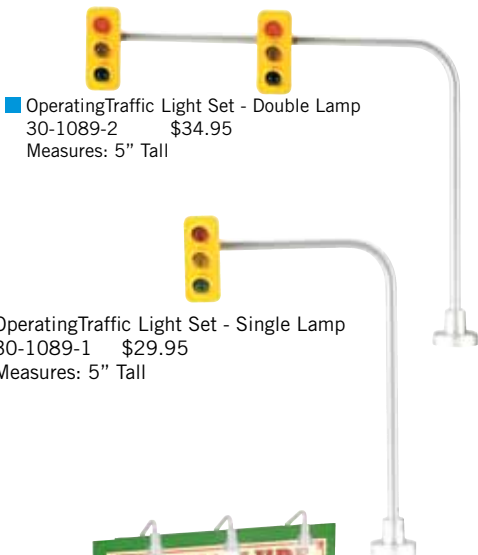
■ "O" Lamp Set - Triple Park Light
30-11034 \$29.95
Measures: 3/4" x 4 7/16"

■ "O" Lamp Set
Street Gooseneck Light
30-11032 \$29.95
Measures: 3/4" x 3 7/8"





■ Telephone Pole Set
30-1088 \$19.95
Measures: 5 3/4" Tall



■ Operating Traffic Light Set - Double Lamp
30-1089-2 \$34.95
Measures: 5" Tall

■ Operating Traffic Light Set - Single Lamp
30-1089-1 \$29.95
Measures: 5" Tall



■ O Scale Flashing Barricades
30-11021 \$34.95
Measures: 1" x 1" x 2"



■ Creek Chub Bait Co. - Lighted Billboard
30-90361 \$29.95
Measures: 7 1/2" x 5 3/4" x 6"



■ 4-Pack Motorcycle Set #1
30-11084 \$27.97
Measures: 2" Long x 1" High



■ 4-Pack Motorcycle Set #2
30-11085 \$27.97
Measures: 2" Long x 1" High



■ M&M'S® Brand - Lighted Billboard
30-90457 \$34.95
Measures: 7 1/2" x 5 3/4" x 6"

Accessories



■ White - Fence Set
30-50002 \$12.95
Measures: 16" x 13"
House Not Included



Brown & Black - Elevated Gate Tower
30-9097 \$29.95
Measures: 3 1/2" x 2 1/2" x 5 3/4"

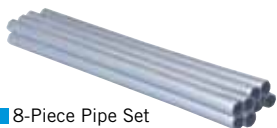


Lowering
Water
Spout!

■ Operating O Scale Water Tower
30-11028 \$99.95
Measures: 7 1/2" x 11" x 10 1/4"



■ O Scale Water Column
30-11007 \$29.95
Measures: 6" Tall



■ 8-Piece Pipe Set
30-50023 \$11.95



■ 6-Piece Barrel Set
30-50024 \$11.95



■ 2-Piece Cement LCL Container Set
30-50029 \$14.95



■ 8-Piece Log Set
30-50008 \$14.95
Measures: 5" Long



■ MTH Steel - I-Beam 8-Piece Set
30-50007 \$12.95
Measures: 7 1/4" Long



■ Roadster Hardtops - 32 Pack Vehicle Set
30-50066 \$229.95



Conway Yards - O Scale Yard Master Tower
30-90167 \$59.95
Measures: 8 1/4" X 7 7/8" X 11 1/2"

**Buildings Feature
Interior Lighting!**



Strasburg - Switch Tower
30-90429 \$54.95
Measures: 6 1/8" x 10 1/2" x 9"



Union Pacific - Switch Tower
30-90430 \$54.95
Measures: 6 1/8" x 10 1/2" x 9"

Accessories



■ Assortment 1 - 6-Piece Figure Set #12
30-11074 \$19.95



■ Christmas - 6-Piece Figure Set
30-11062 \$24.95



■ Fire House Employees - 6-Piece Figure Set #2
30-11046 \$19.95



■ Fire Scene - 6-Piece Figure Set #8
30-11060 \$19.95



■ Assortment 1 - 6-Piece Figure Set #8
30-11071 \$19.95



■ Assortment 2 - 6-Piece Figure Set #8
30-11072 \$19.95



■ 8-Piece Locomotive Cab Figure Set
30-11064 \$29.95



■ Passenger #4 - 12-Piece Passenger Figure Set
30-11068 \$29.95



■ Assortment 3 - 6-Piece Figure Set #8
30-11073 \$19.95



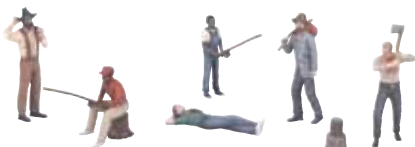
■ Subway - 12-Piece Passenger Figure Set
30-11063 \$29.95



■ Passenger #3 - 12-Piece Passenger Figure Set
30-11067 \$29.95



■ Cops & Robbers - 6-Piece Figure Set #5
30-11056 \$19.95



■ Outdoor People - 6-Piece Figure Set
30-11057 \$19.95



■ Gas Station Attendants & Patron
6-Piece Figure Set #1
30-11045 \$19.95



■ Bus Station Employees & Patrons
6-Piece Figure Set #4
30-11048 \$19.95



■ Miners - 6-Piece Figure Set #6
30-11058 \$19.95



■ Diner Patrons - 6-Piece Figure Set #3
30-11047 \$19.95



■ Passenger Figures - 12-Piece Figure Set #1
30-11016 \$29.95



■ Passenger Figures - 12-Piece Figure Set #2
30-11029 \$29.95



■ Assortment 2 - 6-Piece Figure Set #12
30-11075 \$19.95



■ Railroad Employees - 12-Piece Figure Set #3
30-11044 \$29.95



■ Railroad Workman - 12-Piece Figure Set #3
30-11066 \$29.95



■ Railroad Employees - 12-Piece Figure Set #3
30-11055 \$29.95



■ Undecorated - 120-Piece
Passenger Figure Set
30-11043 \$29.95

Accessories



**Buildings Feature
Interior Lighting!**

Dual Stall Engine Shed
30-90425 \$99.95
Measures: 24" x 8 1/2" x 13 1/2"



Single Stall Engine Shed
30-90423 \$89.95
Measures: 24" x 5 1/2" x 13 1/2"



Greenville - Country Passenger Station
30-90354 \$64.95
Measures: 18 5/8" x 7 3/8" x 6 5/8"

Elevated Station Platform
30-90027 \$34.95
Measures: 13 1/2" x 5 1/2" x 4"





Dark Red Stone - Passenger Station w/dual Platforms
 30-90094 \$109.95
 Measures: 39" x 10 1/2" x 8 1/2"



Gray w/Green Roof
 Passenger Station Platform
 30-90315 \$24.95
 Measures: 10" x 3 1/2" x 4"



Military - Operating Station Platform
 30-9183 \$64.95
 Measures: 10" x 3 1/2" x 4"



Middletown Station - Operating Freight Platform
 30-9184 \$64.95
 Measures: 9 3/4" x 3 1/2" x 3 3/4"



**Passengers or freight
 "disappear" when train
 departs**



New York Central
 Operating Freight Platform
 30-9151 \$64.95
 Measures: 10" x 3 1/2" x 4"



RailTown - Operating Station Platform
 30-9163 \$64.95
 Measures: 10" x 3 1/2" x 4"

Accessories

Pittsburgh Dry Goods Co. - Dry Goods
Transfer Warehouse
30-90431 \$79.95
Measures: 13 1/2" x 8 1/4" x 9 1/8"



Calhoun, Robbins & Co. - Dry Goods
Transfer Warehouse
30-90432 \$79.95
Measures: 13 1/2" x 8 1/4" x 9 1/8"



RailTown Brewing Co.
Brewery w/Operating Smoke
30-90452 \$99.95
Measures: 19 3/8 x 8 5/16 x 6 5/8

**Buildings Feature
Interior Lighting!**

Features

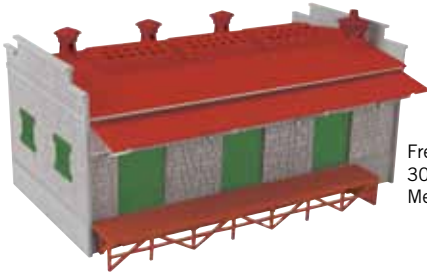
- Intricately Detailed ABS Construction
- Fully Assembled
- Fully Painted
- Lighted Interior
- Opening Doors
- Operating Smoke Unit
- Operates With Any Transformer
- Measures: 19 3/8" x 8 5/16" x 6 5/8"



Trackside Yard Tower
 30-90434 \$34.95
 Measures: 4" x 4" x 7 1/2"



Gray Stone - Grainery
 30-90188 \$69.95
 Measures: 10 1/4" x 7" x 11 1/8"



Freight Transfer Warehouse
 30-90408 \$69.95
 Measures: 13 3/16" x 8 3/4" x 6 3/16"

Buildings Feature Interior Lighting!



Fresh Fruit - Road Side Stand
 30-90433 \$44.95
 Measures: 8 1/2" x 5 7/16" x 4 1/4"



Fireworks - Road Side Stand
 30-9093 \$44.95
 Measures: 8 1/2" x 5 7/16" x 4 1/4"

Opening Door & Moving Gateman



New York Central
 Operating Watchman's Shanty
 30-9186 \$69.95
 Measures: 4 1/2" x 5 15/16" x 4 1/8"



Operating Watchman's Shanty
 30-9185 \$69.95
 Measures: 4 1/2" x 5 15/16" x 4 1/8"

Accessories



Red & White - #5 Country Church
30-9057 \$34.95
Measures: 7 7/8" x 4 5/8" x 10 9/16"



Red w/Green Roof - Barn
30-90407 \$79.95
Measures: 16 1/2" x 18 3/4" x 9 1/2"



Green w/Yellow Trim - Barn
30-90406 \$79.95
Measures: 16 1/2" x 18 3/4" x 9 1/2"



Gray & White
Out House
30-90001 \$12.95
Measures:
1 3/16" x 1 5/16" x 2 7/16"



Blue & White
Telephone Shanty
30-90002 \$12.95
Measures: 2" x 1 5/16" x 2 11/16"



Stainless - Mobil Home
30-90005 \$29.95
Measures: 7 1/8" x 2 3/8" x 2 3/4"



White w/Green Shutters
#4 Country House
30-90331 \$44.95
Measures: 9 5/8" x 5" x 7"



Tan w/Dk. Brown Shutters
#4 Country House
30-90330 \$44.95
Measures: 9 5/8" x 5" x 7"



Cream w/Green Shutters - #6 Farm House
30-90332 \$44.95
Measures: 7 1/2" x 7 1/2" x 7"

Buildings Feature Interior Lighting!



White w/Red Shutters - #6 Farm House
30-90333 \$44.95
Measures: 7 1/2" x 7 1/2" x 7"



Light Blue & White
Row House #1
30-90338 \$39.95
Measures: 7 7/8" x 4 5/8" x 7"

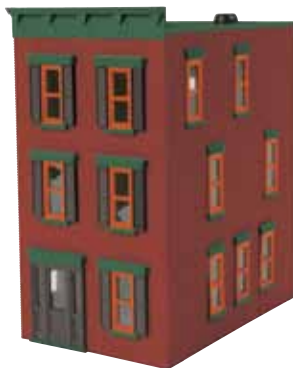


White & Blue - Row House #1
30-90337 \$39.95
Measures: 7 7/8" x 4 5/8" x 7"

Accessories



Main Street Brick - 3-Story Town House #2
30-90375 \$44.95
Measures: 6 3/8" x 3 15/16" x 7 1/8"



Miner Red Brick - 3-Story Town House #2
30-90374 \$44.95
Measures: 6 3/8" x 3 15/16" x 7 1/8"



Sand Stone - 3-Story Town House #1
30-90373 \$44.95
Measures: 6 3/8" x 3 15/16" x 7 1/8"



Brown Stone
3-Story Town House #1
30-90372 \$44.95
Measures: 6 3/8" x 3 15/16" x 7 1/8"



Dusty Yellow Brick
3-Story Town House #3
30-90377 \$44.95
Measures: 6 3/8" x 3 15/16" x 7 1/8"



Light Tuscan Brick
3-Story Town House #3
30-90376 \$44.95
Measures: 6 3/8" x 3 15/16" x 7 1/8"



3-Story Town House On Fire
30-9187 \$139.95
Measures: 6 3/8" x 3 15/16" x 7 1/8"

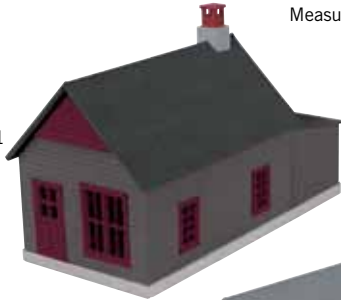


Mustard & Red - Work House #1
30-90008 \$34.95
Measures: 8 5/8" x 4 7/16" x 4 7/8"



Green & Cream - Work House #1
30-90249 \$34.95
Measures: 8 5/8" x 4 7/16" x 4 7/8"

Maroon & Dark Gray - Work House #1
30-90250 \$34.95
Measures: 8 5/8" x 4 7/16" x 4 7/8"



Brown & Blue - Work House #2
30-90251 \$34.95
Measures: 8 5/8" x 4 7/16" x 4 7/8"



Light Blue & White
Work House #2
30-90252 \$34.95
Measures: 8 5/8" x 4 7/16" x 4 7/8"

Accessories

**Buildings Feature
Interior Lighting!**



Ice Cream - Country Store
30-90437 \$59.95
Measures: 8 7/8" x 5 1/8" x 5 1/2"



Model Train - Country Store
30-90436 \$59.95
Measures: 8 7/8" x 5 1/8" x 5 1/2"



Railtown General Store- Country Store
30-90298 \$59.95
Measures: 8 7/8" x 5 1/8" x 5 1/2"



St. Louis House
2-Story Store Front Building
30-90344 \$54.95
Measures: 6 1/2" x 8" x 8 5/8"



2-Story Store Front Building
30-90470 \$54.95
Measures: 6 1/2" x 8" x 8 5/8"



2-Story Hotel Building
30-90471 \$54.95
Measures: 6 1/2" x 8" x 8 5/8"



Country Bingo Hall
 30-90466 \$39.95
 Measures: 9 1/4" x 6 1/8" x 5"

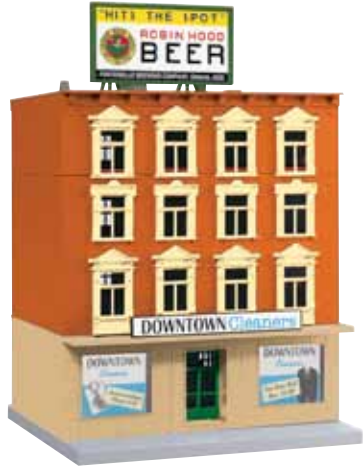


Country School House
 30-90465 \$39.95
 Measures: 9 1/4" x 6 1/8" x 5"

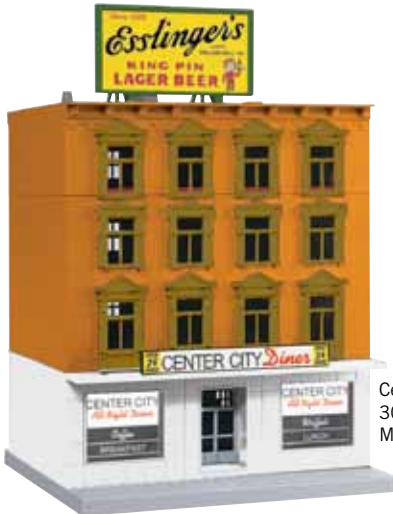
**Buildings Feature
 Interior Lighting!**



Dr. Emerson Biggins - Opposite
 Corner Building w/Blinking Sign
 30-90391 \$59.95
 Measures: 9 7/8" x 7 7/16" x 7 1/16"



Downtown Cleaners - 4-Story Building
 30-90462 \$64.95
 Measures: 9 1/16" x 8 11/16" x 13 9/16"



Center City Diner - 4-Story Building
 30-90461 \$64.95
 Measures: 9 1/16" x 8 11/16" x 13 9/16"

Accessories



Motorized Fire Truck!

Engine Company 49 - Operating Firehouse
30-9157 \$189.95
Measures: 16 5/8" x 15 3/8" x 12 3/8"

Features

- Intricately Detailed ABS Construction
- Fully Assembled
- Lighted Interior
- Blinking Exterior Lights
- Motorized Fire Truck Pulls Out of Station
- Automatic Door Operation
- Sliding Fireman on Pole
- Digital Sound Effects
- Separate Control Box
- Operates With Any AC Transformer
- Unit Measures:
16 5/8" x 15 3/8" x 12 3/8"



Gray & White
Public Works Building
30-90007 \$49.95
Measures: 14 1/8" x 9 7/8" x 8 1/8"



Cream & Dark Gray - Power Station
30-90003 \$29.95
Measures: 4 1/4" x 4 1/8" x 3 7/8"



Gray & Black - Police Station
30-9099 \$89.95
Measures: 13 1/4" x 8 3/8" x 10"



Wine Shop - Single Story
Opposite Corner Store
30-90450 \$59.95
Measures: 10 3/8" x 8 3/8" x 6 1/4"



Squeaky's Auto Parts - Single Story Corner Store
30-90448 \$59.95
Measures: 10 3/8" x 8 3/8" x 6 1/4"

**Buildings Feature
Interior Lighting!**



Downtown Hobby - Single
Story Opposite Corner Store
30-90451 \$59.95
Measures: 10 3/8" x 8 3/8" x 6 1/4"



Sonny's Italian Deli - Single Story
Corner Store
30-90449 \$59.95
Measures: 10 3/8" x 8 3/8" x 6 1/4"



Dairy King - Fast Food Restaurant Stand
30-90464 \$69.95
Measures: 14 1/2" x 12" x 7 1/2"



Fast Food Restaurant Stand
30-90463 \$69.95
Measures: 14 1/2" x 12" x 7 1/2"

Accessories



Wiseguy's Pizza - 3-Story City Building w/
Fire Escape & Blinking Sign
30-90438 \$79.95
Measures: 12 3/4" x 6 5/16" x 9 3/16"



Fat Heads Bar - 3-Story City Building w/Fire
Escape & Blinking Sign
30-90439 \$79.95
Measures: 12 3/4" x 6 5/16" x 9 3/16"

Blinking Window Sign!



Butch's Sports Bar - 3-Story City
Building w/Fire Escape & Blinking Sign
30-90334 \$79.95
Measures: 12 3/4" x 6 5/16" x 9 3/16"



MacIntosh & Sons Paints - 3-Story City Building
w/Fire Escape & Blinking Sign
30-90409 \$79.95
Measures: 12 3/4" x 6 5/16" x 9 3/16"



Ives - 3-Story City Building 1
30-90440 \$69.95
Measures: 8 1/4" x 10" x 10 1/8"



Ives - City Building 1 Single Story Addition
30-90444 \$27.95
Measures: 8 1/4" x 10" x 2 3/8"



Christmas Shop - 3-Story City Building 1
30-90442 \$69.95
Measures: 8 1/4" x 10" x 10 1/8"



Christmas Shop - City Building 1 Single Story Addition
30-90446 \$27.95
Measures: 8 1/4" x 10" x 2 3/8"



Pennsylvania - 3-Story City Building 1
30-90441 \$69.95
Measures: 8 1/4" x 10" x 10 1/8"



Pennsylvania - City Building 1 Single Story Addition
30-90445 \$27.95
Measures: 8 1/4" x 10" x 2 3/8"



Johnson Pharmacy - 3-Story City Building 1
30-90443 \$69.95
Measures: 8 1/4" x 10" x 10 1/8"



Johnson Pharmacy - City Building 1 Single Story Addition
30-90447 \$27.95
Measures: 8 1/4" x 10" x 2 3/8"

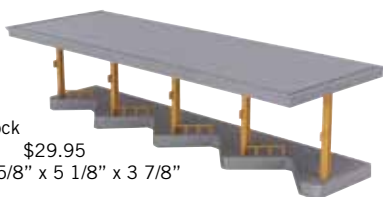
Accessories

**Buildings Feature
Interior Lighting and
Sequentially Lighted
Marquee Sign**

Movie Theater
30-9054 \$119.95
Measures: 18 5/8" x 7 3/8" x 6 5/8"



Greyhound - Bus Station
30-9040 \$149.95
Measures: 16 1/2" x 18 3/4" x 9 1/2"



Bus Station Dock
30-9071 \$29.95
Measures: 14 5/8" x 5 1/8" x 3 7/8"

**Cars Drive up & Park
While Skaters Come Out &
Take Orders**



Mel's
Operating Drive-In Diner
30-9188 \$199.95



Features

- Fully Assembled
- Fully Painted
- Intricately Detailed ABS Construction
- Lighted Interior
- Operating Sound
- Flashing Marquee Lights
- Operating Skaters
- Moving Die-Cast Car
- Unit Measures:
21 5/8" x 9" 13 1/8"





Greenville Bank & Trust - Bank w/Coin Slot
 30-90349 \$79.95
 Measures: 9 1/2" x 17 15/16" x 9 1/8"



RailTown City Bank - Bank w/Coin Slot
 30-90223 \$79.95
 Measures: 9 1/2" x 17 15/16" x 9 1/8"



Bikini - Operating Car Wash
 30-9167 \$199.95
 Measures: 21 5/8" x 13 1/16" x 6 1/4"

Features

- Intricately Detailed ABS Construction
- Fully Assembled
- Fully Painted
- Lighted Interior & Flashing Signs
- Button Activated Operation
- Die-Cast Car
- Simulated Water Spraying
- Rolling Interior Wash Rolls
- Digital Sound
- Unit Measures: 21 5/8" x 13 1/16" x 6 1/4"



Shell - Operating Gas Station
 30-9182 \$179.95
 Measures: 15" x 11" x 6 3/4"

Accessories



Sunoco - Operating Storage Tank
30-9177 \$199.95
Measures: 17 5/16" x 11" x 10"



Mobil - Operating Storage Tank
30-9176 \$199.95
Measures: 17 5/16" x 11" x 10"



Esso - Operating Storage Tank
30-9175 \$199.95
Measures: 17 5/16" x 11" x 10"



Esso - Operating Storage Tank Station
30-9178 \$179.95
Measures: 16 1/8" x 5" x 8 1/8"



Sunoco - Operating Storage Tank Station
30-9179 \$179.95
Measures: 16 1/8" x 5" x 8 1/8"



Esso - Tank Filling Station
30-90405 \$59.95
Measures: 16 1/8" x 5" x 8 1/8"



Mobil - Tank Filling Station
30-90419 \$59.95
Measures: 16 1/8" x 5" x 8 1/8"



Sunoco - Tank Filling Station
30-90420 \$59.95
Measures: 16 1/8" x 5" x 8 1/8"

Accessories



At the push of a button the buzz saw spins and the log passes by. After each pass, a plank appears, as if cut from the log, and the operator lifts the plank and drops it into the waiting car you park beside the mill.

No. 23796 Saw Mill
35-90001 \$119.95
Measures: 10 1/2" x 9 1/2" x 6 1/2"



#46 Crossing Gate and Signal
30-11017 \$39.95
Measures: 9" x 3 1/2" x 5 3/4"



No. 23772 Water Tower w/Bubbling Pipe
35-90002 \$119.95
Measures: 4 7/8" x 6" x 13"



Pea Green - #580-1 Teardrop Lamp Set
30-1079a \$19.95
Measures: 6 3/4" Tall



Lamplighter
35-90006 \$179.95
Measures:

With each push of the remote control button, Gabe the Lamplighter climbs another step, until he reaches the platform and lights the floodlights.



No. 23769 Revolving Aircraft Beacon
35-90003 \$119.95
Measures: 4 7/8" x 6" x 13"



No. 23774 Floodlight Tower
35-90004 \$119.95
Measures:



No. 787 Log Loader
35-90005 \$199.95
Measures:

At the push of a button, the operator lifts one log at a time and loads it into a waiting flat car or gondola.

Accessories



Orange - No. 57 Corner Lamp Set
 (21st St./Fifth Ave.)
 11-90085 \$39.95
 Measures: 7 1/2" Tall
Originally Cataloged from 1922-1942

All Metal



Black - No. 57 Corner Lamp Set
 11-90016 \$39.95
 Measures: 7 1/2" Tall
Originally Cataloged from 1922-1942



Orange - No. 57 Corner Lamp Set
 (Lionel Ave/American Flyer Ave.)
 11-90084 \$39.95
 Measures: 7 1/2" Tall
Originally Cataloged from 1922-1942



Lionel Blue - No. 57 Corner Lamp Set
 11-90112 \$39.95
 Measures: 7 1/2" Tall



Lionel Orange - No. 57 Corner Lamp Set
 11-90111 \$39.95
 Measures: 7 1/2" Tall



Black - #153 Operating Block Signal
 11-90115 \$39.95
 Measures: 9 1/8" Tall
Originally Cataloged in 1942



Dark Green/Yellow - No. 69 Operating Warning Bell
 11-90109 \$49.95
 Measures: 8 3/4" Tall
Originally Cataloged from 1927-1942



Black - #154 Highway Flashing Signal
 11-90116 \$39.95
 Measures: 9 1/8" Tall
Originally Cataloged in 1942



Light Green - No. 64 Street Lamp
 11-90042 \$29.95
 Measures: 6 3/4" Tall
Originally Cataloged from 1940-1942



Red & Aluminum - #152 Operating
 Crossing Gate
 11-90114 \$39.95
 Measures: 9" Tall
Originally Cataloged in 1942



Orange - No. 58 Lamp Set - Single Arc
 11-90104 \$34.95
 Measures: 7 3/4" Tall
Originally Cataloged from 1922-1942



Peacock - No. 58 Lamp Set - Single Arc
 11-90103 \$34.95
 Measures: 7 3/4" Tall
Originally Cataloged from 1922-1942

All Metal



Light Green - No. 59 Gooseneck Lamp Set
 11-90106 \$39.95
 Measures: 8 3/4" Tall
Originally Cataloged from 1920-1936



State Brown - No. 54 Street Lamp Set
 11-90102 \$44.95
 Measures: 9 1/2" Tall
Originally Cataloged from 1929-1935



Pea Green - No. 54 Street Lamp Set
 11-90101 \$44.95
 Measures: 9 1/2" Tall
Originally Cataloged from 1929-1935

O Gauge RealTrax®

Rugged - Realistic - Reliable

At M.T.H. we believe a track system should allow your model railroad empire to grow. The RealTrax system includes 72 different components for maximum expansion capabilities. You'll find bridges, curves of all sizes, elevated and graduated trestles, crossovers, and every straight and curved configuration you'll need to create your own model railroad empire. And every piece of RealTrax is rugged, realistic, and reliable so you can have fun running your trains.

Rugged

Because most toy train empires begin on a carpet or floor, RealTrax is designed to hold up to the rigors of childhood play. Strong snap-together connections make it easy to assemble or change a layout in minutes. And the built-in roadbed helps keep dirt on the floor away from the wheels and gears of your trains.



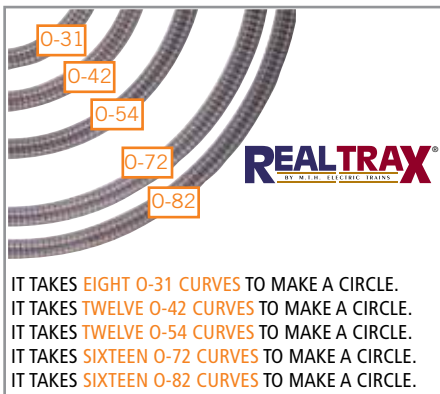
Realistic

With its realistic crossties and ballasted roadbed, RealTrax looks like the mainline track used by heavy freights and high-speed passenger trains. Unlike older O gauge track with a round cross section, RealTrax uses flat-top "T"-rail like a real railroad.

Reliable

Nickel silver rail ensures that RealTrax will never rust. Spring-loaded phosphor bronze contacts provide superior electrical connections between track sections. The contacts are spring loaded to maintain a solid connection over time and are highly resistant to corrosion of any kind. Similar materials are used in many electrical connections around your home, such as lamps, battery-operated appliances, and electrical outlets.

RealTrax switches feature the same durable construction as regular RealTrax sections and utilize long-lasting switch motors that provide precise throws every time. The reversible motor mechanism quickly snaps onto the other side of the switch if space is a problem. No disassembly of the switch is required! Lighted switch controllers allow you to throw a switch remotely from a distance, and lights on the controller indicate which direction the switch is thrown - green for straight and red for curved.



IT TAKES EIGHT 0-31 CURVES TO MAKE A CIRCLE.
 IT TAKES TWELVE 0-42 CURVES TO MAKE A CIRCLE.
 IT TAKES TWELVE 0-54 CURVES TO MAKE A CIRCLE.
 IT TAKES SIXTEEN 0-72 CURVES TO MAKE A CIRCLE.
 IT TAKES SIXTEEN 0-82 CURVES TO MAKE A CIRCLE.



RealTrax - 10" Ground Track
 (2 pieces per pack)
 40-1068-2 \$8.99



RealTrax
 10" Straight Track Section
 40-1001 \$4.49



RealTrax
 5.5" Track Section
 40-1012 \$3.99



RealTrax
 5.0" Track Section
 40-1016 \$3.99



RealTrax
 4.25" Track Section
 40-1017 \$3.99

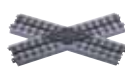


RealTrax
 3.5" Track Section
 40-1018 \$3.99

Crossover & Operating Sections



RealTrax -
 90* Crossover Track
 40-1006 \$24.95



RealTrax - 45* Cross-
 over Track
 40-1007 \$24.95

RealTrax - Operating Track
 Section
 40-1008 \$29.95





RealTrax - Adapter Track Section
40-1011 \$8.99



RealTrax - 10" Insulated Straight Track Section Set
40-1029 \$8.99



RealTrax - 30" Straight Track Section
40-1019 \$12.99



RealTrax
O-31 Half Curve Track
40-1022 \$3.99



RealTrax
O-42 Half Curve Track
40-1045 \$4.49



RealTrax
O-54 Half Curve Track
40-1057 \$4.99



RealTrax
O-72 Half Curved Track Section
40-1049 \$4.99



RealTrax
O-31 Curved Track Section
40-1002 \$4.49



RealTrax
O-42 Curved Track Section
40-1042 \$4.99



RealTrax - O-54 Curved Track Section
40-1054 \$4.99

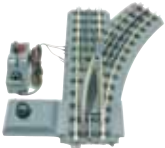


RealTrax- O-72 Curved Track Section
40-1010 \$5.99



RealTrax- O-82 Curved Track Section
40-1082 \$5.99

Switches



RealTrax - O-31 Switch
(RH)
40-1004 \$64.95



RealTrax - O-31 Switch
(LH)
40-1005 \$64.95



RealTrax - O-42 Switch
(RH)
40-1043 \$74.95



RealTrax - O-42 Switch (LH)
40-1044 \$74.95



RealTrax - O-54
Switch (R)
40-1055 \$79.95



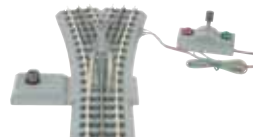
RealTrax - O-54
Switch (L)
40-1056 \$79.95



RealTrax - O-72
Switch (RH)
40-1020 \$89.95



RealTrax - O-72
Switch (LH)
40-1021 \$89.95



RealTrax- O-72 Wye
Switch
40-1068 \$89.95

O Gauge RealTrax®

- O Bridge Girder - Rust
40-1104 \$34.95
- O Bridge Girder - Silver
40-1102 \$34.95
- O Bridge Girder - Black
40-1106 \$34.95



***Bridges now compatible
with FasTrack™**

- O 2-Track Bridge Girder - Rust
40-1110 \$39.95
- O 2-Track Bridge Girder - Silver
40-1108 \$39.95
- O 2-Track Bridge Girder - Black
40-1112 \$39.95



- O 2-Track Steel Arch Bridge - Rust
40-1109 \$99.95
- O 2-Track Steel Arch Bridge - Silver
40-1107 \$99.95
- O 2-Track Steel Arch Bridge - Black
40-1111 \$99.95



- O Steel Arch Bridge - Rust
40-1103 \$79.95
- O Steel Arch Bridge - Silver
40-1101 \$79.95
- O Steel Arch Bridge - Black
40-1105 \$79.95

- O Subway Trestle Bridge
40-1148 \$34.95

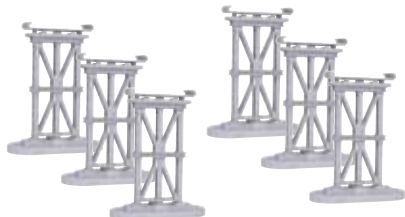


- Tunnel Portal - Double
40-9015 \$19.95

- Tunnel Portal - Single
40-9014 \$14.95



- 30" Dual Track Straight Tunnel
40-1075 \$69.95
- 20" Single Track Straight Tunnel
40-1074 \$64.95



8 Piece Elevated Subway Trestle Set

40-1047 \$34.95

8 Piece Elevated Subway Trestle Set For Lionel Fastrack

40-1157 \$34.95

**100 WATT
POWER SUPPLY!**



Power & Track Pack

40-1071 \$169.95



RealTrax - 24-Piece Graduated Trestle System

40-1033 \$54.95

RealTrax - 24-Piece Graduated Trestle System For Lionel Fastrack

40-1113 \$54.95



RealTrax - 8-Piece Elevated Trestle System

40-1034 \$34.95

RealTrax - 8-Piece Elevated Trestle System For Lionel Fastrack

40-1134 \$34.95



RealTrax - Lighted Lockon

40-1003 \$5.99



RealTrax - Track Clips (24)

40-1041 \$7.95



RealTrax - Non-Slip Track Pads (50/pack)

40-1046 \$7.95



RealTrax - Lighted Bumper

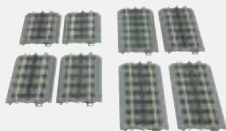
40-1024 \$14.95



RealTrax - Track Activation Device (I.T.A.D.)

40-1028 \$24.95

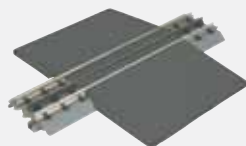
Layout Builders



RealTrax - Layout Builder (8 Pcs)

40-1023 \$29.95

(Contains: (2) 3.5" Half Tracks, (2) 4.25" Half Tracks, (2) 5.0" Half Tracks, (2) 5.5" Half)



RealTrax - Grade Crossing

40-1009 \$9.95

RealTrax - Figure 8 Layout Builder

40-1025 \$59.95

(Contains: (4) 0-31 Curves, (4) 10" Straights, (1) Lighted Lockon, (1) 90 Degree Crossover)



RealTrax - Right Hand Track Siding Layout Builder

40-1027 \$89.95

(Contains (1) Right-Hand 0-31 Switch, (4) 10" Straights, (1) 0-31 Curve, (1) RealTrax™ Bumper)

RealTrax - Left Hand Track Siding Layout Builder

40-1026 \$89.95

(Contains (1) Left-Hand 0-31 Switch, (4) 10" Straights, (1) 0-31 Curve, (1) RealTrax Bumper)



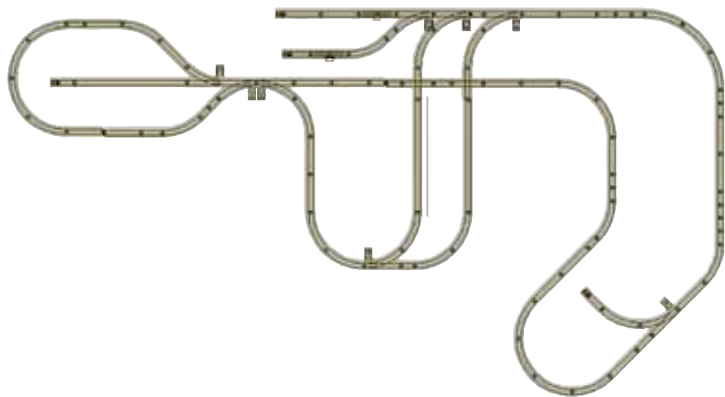
RealTrax

O-72 Wye Switch Spur Layout Builder

40-1069 \$149.95

RealTrax® Layouts

STORY OF OIL 13x23 FEET



This layout is a good example of how a loop can be elaborated until it doesn't look like a loop anymore. This track plan also thinks like a point to point, because we are following the entire cycle of the oil business, from the oil well to the gas pump and beyond. On the left we have the oil fields and the storage tanks for the freshly extracted crude oil. At the storage tank station, you can fill tank cars with black gold. These tank cars will be dropped off at the oil refinery, which is that building inside the fence in the middle of the picture. You'll need to build the refinery yourself, but it's a relatively easy model to build. Refineries are basically flat-roof metal buildings surrounded by LOTS of pipes and storage tanks. Empty tin cans, tin foil, and lots of flexible drinking straws colored silver with a paint marker will create the effect quite nicely.

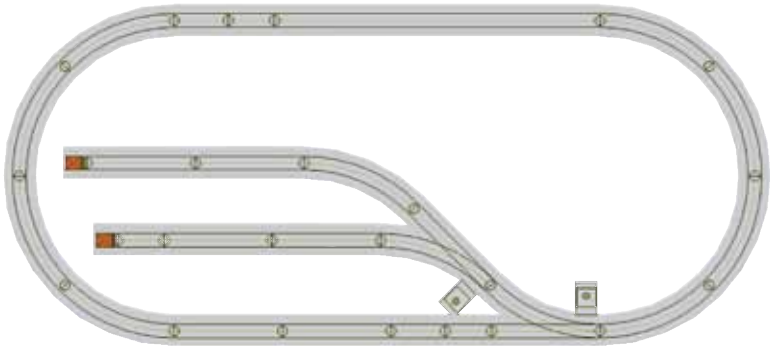
Behind the refinery is a plastics factory. Here you drop tankers of oil on one track and carry away covered hoppers full of plastic pellets from the other track.

Finally, we pass into a suburban area, with a McDonalds®, houses, and gas station. This gas station is unusual in that it receives its gasoline in a tank car that you leave on the siding in the back, rather than having it trucked in. The operating gas station and car wash add the final touch of delivering the gas to its final consumers!

TRACK REQUIRED

- (38) MTH 40-1001 10 inch straight
- (7) MTH 40-1016 5.0 inch straight
- (3) MTH 40-1019 30 inch straight
- (4) MTH 40-1024 track bumper
- (5) MTH 40-1043 0-42 lefthand switch
- (3) MTH 40-1044 0-42 righthand switch
- (40) MTH 40-1042 0-42 curve
- (6) MTH 40-1017 4.25 inch straight
- (2) MTH 40-1006 90° cross
- (6) MTH 40-1012 5.5 inch half straight
- (2) MTH 40-1008 uncoupling track
- (4) MTH 40-1018 3.5 inch straight

ACTION IN 3x6 FEET



Here's a layout small enough to fit in a bedroom, yet still big enough to give you the fun of real railroading. The track plan is basically a loop, but the small yard enables you to have passengers and switching operations, in addition to continuous running trains. With detailed scenery, this layout makes a pleasing and enjoyable railroad for the modeler with limited space.

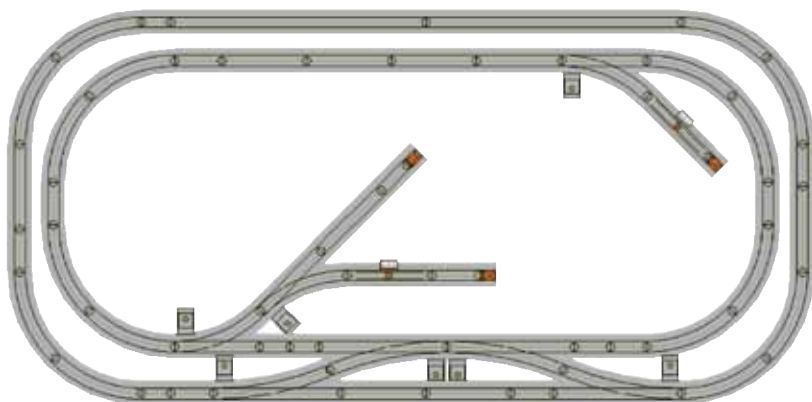
SPACE

The most important limitation most railroads encounter is space. Does the house have a spare room, basement, or attic? These are by far the most popular places for model railroads, because they use space that nobody else in the house wants. That means the railroad can be set up permanently, with appropriate lighting, backgrounds, seating, and even a little workbench for assembling buildings, painting cars and so on. If you are lucky to have such a space available, get a tape measure and plot out how large the room is. The size and shape of the room will help define your railroad.

TRACK REQUIRED

- (9) MTH 40-1002 O-31 curve
- (1) MTH 40-1019 30 in straight
- (3) MTH 40-1017 4.25 in straight
- (2) MTH 40-1016 5.0 in straight
- (1) MTH 40-1004 O31 righthand switch
- (1) MTH 40-1005 O31 lefthand switch
- (6) MTH 40-1001 10 inch straight
- (2) MTH 40-1024 track bumper

DOUBLE TRACK IN 4x8 FEET



This layout strikes a nice balance between action and scenery. Create a contrast between town and country by using scenic separation to stretch the 4x8 feet into a whole countryside. Your town might have an attractive station (complete with street clock and operating American flag) and a coal loader, as well as a water tank for your engines. Add a lake and a farm on the opposite shore, with a siding for picking up milk cans in the morning and unloading empties in the evening. And with two tracks, you can run two trains at a time, ensuring constant movement.

SHAPE

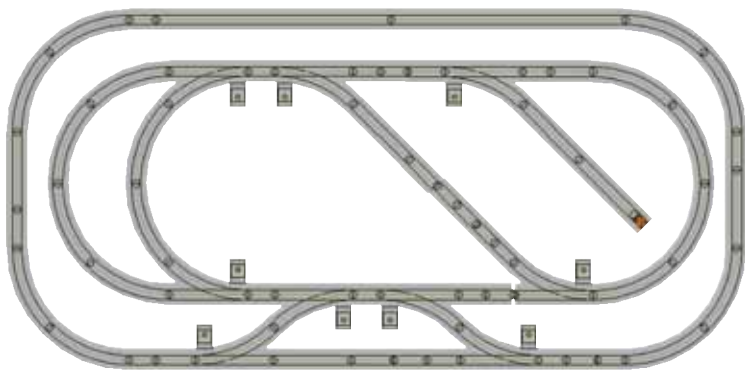
Often, instead of getting an entire room or basement to itself, a railroad can acquire several small adjoining areas, spread across one or more rooms. Perhaps the main line will fill the corner of the basement rumpus room, with storage yard tracks running through a tunnel in the wall and onto a shelf over the washer and dryer. Perhaps the line can fill shelves along two walls of a room.

These kinds of limitations can radically change the track plan of your railroad. In addition, these sorts of small intrusions into other space can provide areas of expansion for a more conventional train table line that needs room to grow.

TRACK REQUIRED

- (16) MTH 40-1002 0-31 curve
- (1) MTH 40-1005 031 lefthand switch
- (2) MTH 40-1004 031 righthand switch
- (4) MTH 40-1018 3.5 in straight
- (9) MTH 40-1001 10 inch straight
- (2) MTH 40-1012 5.5 inch half straight
- (3) MTH 40-1017 4.25 in straight
- (6) MTH 40-1016 5.0 in straight
- (2) MTH 40-1019 30 in straight
- (2) MTH 40-1020 072 righthand switch
- (2) MTH 40-1021 072 lefthand switch
- (3) MTH 40-1024 track bumper
- (2) MTH 40-1008 uncoupling track
- (2) MTH 40-1014 10 inch girder bridge

MAX ACTION IN 4x8 FEET



Just as the name implies, this track plan really packs in the activity! As many tracks as will fit, plus all the operating accessories to keep them humming, make this a great plan for the modeler who likes to keep his freight trains busy. With two tracks, you can keep a train rolling at all times while another works its way around serving the many industries in this town. Accessorize this layout with lighted RailTown buildings and an operating coaling tower, water tower, freight transfer dock, or crossing gates, and you and your visitors will have plenty to see and do!

TRACK REQUIRED

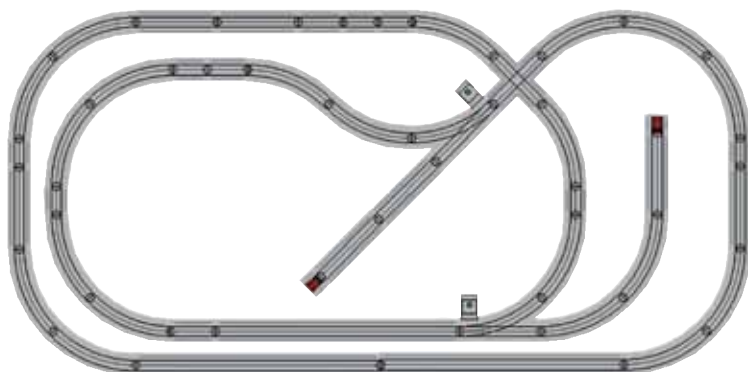
- (18) MTH 40-1002 0-31 curve
- (2) MTH 40-1019 30 in straight
- (6) MTH 40-1001 10 inch straight
- (5) MTH 40-1016 5.0 in straight
- (6) MTH 40-1004 031 righthand switch
- (16) MTH 40-1018 3.5 in straight
- (2) MTH 40-1012 5.5 inch half straight
- (3) MTH 40-1017 4.25 in straight
- (3) MTH 40-1005 031 lefthand switch
- (1) MTH 40-1024 track bumper

ROOM TO OPERATE

The kinds of railroad action you most enjoy will also influence your layout. Do you like lots of switching cars in the yard? Then your layout will feature a big yard, which often works well on a shelf. Do you want long mainline runs through rural terrain? Then your layout will probably require a twice-around loop with mountains, trees, or other view blockers to make the trip look longer.

RealTrax® Layouts

TWICE AROUND 4x8 FEET



One way of making your layout seem bigger is to have the trains make two trips around the table before it gets back to the starting point. This track plan does just that. It also includes a couple of sidings for you to pick up and drop off cars. If you have more room and can put in more straight track, this plan can become very realistic.

TRACK REQUIRED

- (4) MTH 40-1018 3.5 in straight
- (20) MTH 40-1002 0-31 curve
- (3) MTH 40-1019 30 in straight
- (7) MTH 40-1001 10 inch straight
- (1) MTH 40-1006 90° cross
- (3) MTH 40-1017 4.25 in straight
- (2) MTH 40-1012 5.5 inch half straight
- (1) MTH 40-1005 031 lefthand switch
- (1) MTH 40-1004 031 righthand switch
- (1) MTH 40-1016 5.0 in straight
- (2) MTH 40-1024 track bumper

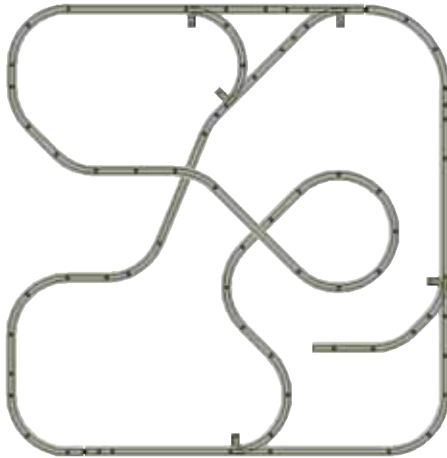
THE SCENIC ROUTE

The style of scenery you want will also determine the shape of your layout. Mountains and bridges will require more up and down space than fields and forests. A desert will make a big open, flat area, that may require a mountain to hide the other end of the track. Cities can look great and provide a real contrast with rural scenery, but buildings do take up considerable space. Tracks move differently through different kinds of terrain, with a mountain logging railroad having a very different track plan from the Union Pacific roaring across the Nebraska cornfields.

TRAIN TIME

Tracks were also used differently at varying points in history. If you are modeling the 1850s, there won't be much call for double-track mainlines or complex switchyards. On the other hand, if you are modeling today's high-speed container trains, complex yards and multi-track should be the rule.

WILD WEST/CIVIL WAR 10x10 FEET



This is an old-time layout which incorporates several interesting features. The most challenging is the helix curve around the mountain, where the train passes over itself. This not only gives you a cool over/under effect, but it captures the rugged flavor of early railroads clawing their way through the mountains to open up the country. This will require a relatively steep grade, but since 1860s trains were short and pulled by little 4-4-0 locomotives, you shouldn't have trouble operating it. You'll want to be sure to use RailKing engines with Proto-Sound 2, so that you have the speed control, otherwise you might have some runaway trains!

Another important detail is the arrangement of track switches up by the town. This arrangement is called a "wye" because it resembles the letter "Y." It's important because a wye enables you to turn trains around, so they can face either direction. It's sort of like backing your car into a driveway to change directions on a street. A wye can be a helpful addition to all sorts of track plans and the one shown here is about as compact as you can build.

To keep the trains busy, there is also a mine on the side of the mountain, served by the siding in the lower right corner. The water tank makes sure the trains don't get stuck out in the wilderness, miles from town. And the track from the bottom of the wye passes

through a tunnel in the mountain, which is always a popular sight with visitors.

If you want to represent the Wild West, you can paint your scenery in desert shades of orange and brown, with little cacti and tumbleweeds. For a Civil War scene, cover the mountains with pine trees, and fill the fields with grass, farm crops, and soldiers. In the West, the mine might be producing gold or silver, in the Civil War, it's probably digging coal.

TRACK REQUIRED

- (24) MTH 40-1002 0-31 curve
- (6) MTH 40-1019 30 in straight
- (3) MTH 40-1005 031 lefthand switch
- (14) MTH 40-1001 10 inch straight
- (2) MTH 40-1004 031 righthand switch
- (5) MTH 40-1012 5.5 inch half straight
- (3) MTH 40-1042 042 curve
- (4) MTH 40-1018 3.5 in straight
- (4) MTH 40-1017 4.25 in straight
- (2) MTH 40-1022 0-31 half curve
- (2) MTH 40-1016 5.0 in straight

RealTrax® Catenary



The RealTrax® Catenary System and RealTrax Catenary Expander are O Gauge's only ready-to-use catenary systems that setup in minutes! Simply position the authentic-looking catenary poles and wires per your layout's requirements, and enjoy the realism of a fully functional easy-to-use catenary system.

8-Piece System Features:

- Compatible with RealTrax® or any other O-Gauge Track
- Removable RealTrax® Lock-On Base Connection
- Thumbscrew Power Terminals
- Adjustable Pole Spacing
- Adjustable Messenger Beam Height
- Adjustable Wire Positioning
- Base Mounting Screws Included

RealTrax - 8-Piece Catenary System
40-1035 \$149.95

RealTrax - 4-Piece Add-On Catenary System
40-1036 \$79.95



Catenary Hardware Pack
40-1039 \$19.95

This Pack Contains: (4) Messenger Expander Plates,
(4) Messenger Extension Plates, (16) Screws, (16)
Star Lock-Washers, (16) Nuts

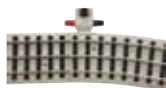
Tinplate Standard Gauge Track



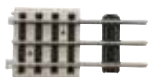
Std. Gauge Track w/
Roadbed 1/2 42" Curve
11-99043 \$4.99



Std. Gauge Track w/ Road-
bed - 72" Curve
11-99072 \$6.99



Std. Gauge Track w/
Roadbed Lighted Lockon
11-99004 \$5.99



Std. Gauge Track w/
Roadbed Switch Adapter
Track Section
11-99011 \$8.99



Std. Gauge Track w/
Roadbed 3.5" Straight
11-99018 \$4.99



Std. Gauge Track w/ Road-
bed 14" Reg. Straight
11-99001 \$5.99



Std. Gauge Track w/
Roadbed Adapter
Track
11-99010 \$8.99



Std. Gauge Track w/
Roadbed 7" Reg. Straight
11-99002 \$4.99



Std. Gauge Track w/ Road-
bed 1/2 72" Curve
11-99073 \$5.99



Std. Gauge Track w/
Roadbed - 28" Straight
11-99003 \$12.99



Std. Gauge Track w/
Roadbed - 42" Curve
11-99042 \$5.99



Std. Gauge Track - 84"
Dia. Curved
11-99095 \$5.99



Std. Gauge Track - 42" Reg. Curved
11-99093 \$4.99



Std. Gauge Track
Straight w/Extra Ties
11-99092 \$5.49



Std. Gauge Track
2" Wide Radius Curve
11-99094 \$5.49



Std. Gauge Track
1/2 Reg. Straight
11-99096 \$3.49



Std. Gauge Track - 36" Extra Ties
Straight
11-99099 \$9.99



Std. Gauge Track - 36" Reg. Straight
11-99098 \$8.99



Std. Gauge Track
Lighted Bumpers (2)
11-99024 \$49.95



Std. Gauge Track
42" Reg. 1/2 Curved
11-99097 \$3.49



Std. Gauge Track
14" Reg. Straight
11-99091 \$4.99



Track Activation Device
11-99090 \$14.95



O/Std. Gauge Lighted
Lockon
11-99021 \$4.99

Green Base - Std. Gauge Switch - Right Hand 42"
11-99044 \$89.95

Green Base - Std. Gauge Switch - Left Hand 42"
11-99045 \$89.95

Green Base - Std. Gauge Switch (Wide Radius)
Right Hand 72"
11-99075 \$99.95

Green Base - Std. Gauge Switch (Wide Radius)
Left Hand 72"
11-99074 \$99.95

Black Base - Std. Gauge Switch Right Hand 42"
11-99046 \$89.95

Black Base - Std. Gauge Switch Left Hand 42"
11-99047 \$89.95

Black Base - Std. Gauge Switch Right Hand 72"
11-99076 \$99.95

Black Base - Std. Gauge Switch
Left Hand 72"
11-99077 \$99.95



O Gauge ScaleTrax™

ScaleTrax™ by MTH Electric Trains is the ultimate track layout solution for which detail-oriented scale 3-rail model railroaders are searching. No longer will an O Gauge modeler have to accept the “tubular” track look because ScaleTrax™ offers maximum accuracy and the exceptional quality of MTH products. They are perfect for your authentic looking layout.



Each ScaleTrax™ track section features two solid extruded authentically profiled Nickel Silver rails and one inconspicuous solid extruded center rail - all affixed to accurately sized and spaced track ties. No longer will your consists ride too high off the ground. Best of all, the end-of-rail electrical connectors come pre-welded to the underside of each section. There simply is no need to plug in your soldering iron when using ScaleTrax™.

Whether assembling your first layout, adding to a present layout, or replacing your old track, ScaleTrax™ is the most rugged, realistic, scale proportioned, easy-to-use 3-rail scale O-gauge track system available.

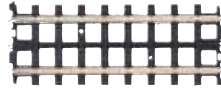
IT TAKES EIGHT O-31 CURVES TO MAKE A CIRCLE.
 IT TAKES TWELVE O-54 CURVES TO MAKE A CIRCLE.
 IT TAKES SIXTEEN O-72 CURVES TO MAKE A CIRCLE.
 IT TAKES SIXTEEN O-80 CURVES TO MAKE A CIRCLE.



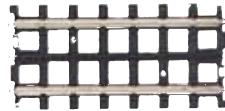
ScaleTrax™ - 5.0" Track Section
 45-1013 \$3.99



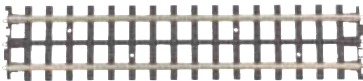
ScaleTrax™ - 1.75" Track Section
 45-1011 \$2.49



ScaleTrax™ - 5.5" Track Section
 45-1014 \$3.99



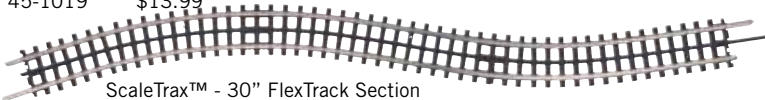
ScaleTrax™ - 4.25" Track Section
 45-1012 \$3.99



ScaleTrax™ - 10" Straight Track Section
 45-1001 \$4.99



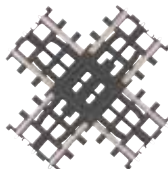
ScaleTrax™ - 30" Track Section
 45-1019 \$13.99



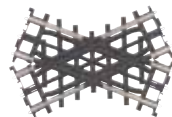
ScaleTrax™ - 30" FlexTrack Section
 45-1049 \$13.99



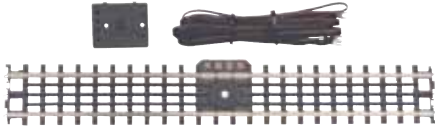
ScaleTrax™ - 22.5° Crossing
 45-1015 \$24.95



ScaleTrax™ - 90° Crossing
 45-1005 \$19.95



ScaleTrax™ 45° Crossing
 45-1006 \$19.95



ScaleTrax™ - 15" Operating Track Section
45-1035 \$24.95

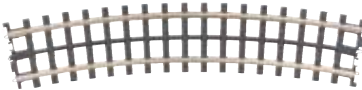


ScaleTrax™ Bumper
45-1025 \$15.95

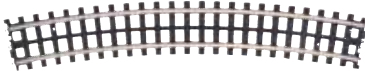
ScaleTrax - ITAD
45-1028 \$34.95



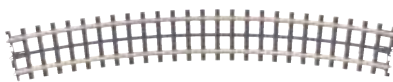
ScaleTrax™ - 0-31 Curved Track Section
45-1002 \$4.99



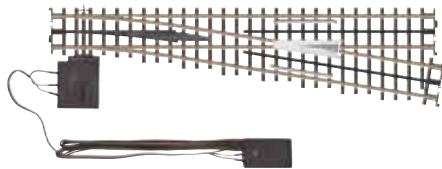
ScaleTrax™ - 0-54 Curved Track Section
45-1007 \$5.29



ScaleTrax™ - 0-72 Curved Track Section
45-1010 \$5.99



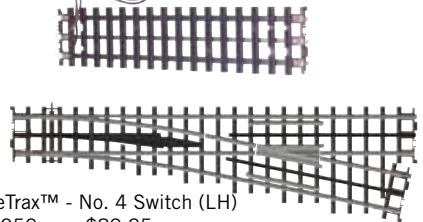
ScaleTrax™ - 0-80 Curved Track Section
45-1034 \$6.99



ScaleTrax™ - No. 6 Switch (LH)
45-1052 \$89.95
ScaleTrax™ - No. 6 Switch (RH)
45-1053 \$89.95



ScaleTrax™ - Lockon
45-1033 \$4.25
Track Not Included



ScaleTrax™ - No. 4 Switch (LH)
45-1050 \$89.95
ScaleTrax™ - No. 4 Switch (RH)
45-1051 \$89.95



ScaleTrax™ - 0-31 Switch (RH)
45-1004 \$69.95
ScaleTrax™ - 0-31 Switch (LH)
45-1003 \$69.95



ScaleTrax™ - 0-72 Switch (RH)
45-1020 \$79.95
ScaleTrax™ - 0-72 Switch (LH)
45-1021 \$79.95



ScaleTrax™ - 0-54 Switch (RH)
45-1009 \$79.95
ScaleTrax™ - 0-54 Switch (LH)
45-1008 \$79.95

ScaleTrax™ 2-Rail 0-Scale Track



ScaleTrax - 2-Rail 17" Straight Track Section
45-2017 \$7.99



ScaleTrax - 2-Rail 36" Radius Curved Track Section
45-2036 \$8.99



ScaleTrax - 2-Rail 22" Radius Curved Track Section
45-2022 \$7.99

ScaleTrax™ Layout Packages

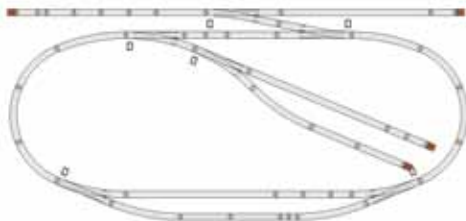
Don't have the time or inclination to design your own layout? Check out ScaleTrax layout packages, featuring track plans designed by Dave Hikel, renowned West Coast custom layout builder. Each package includes all the track and switches needed to build a complete layout. For details and track plans, click the ScaleTrax logo at the bottom of the M.T.H. home page, www.mthtrains.com. Order the Scaletrax components from any M.T.H. Authorized Retailer and M.T.H. will drop ship your order directly from Maryland. If you prefer to design your own plan use RR Track layout design software and take your design to any M.T.H. Authorized Retailer and we will drop ship the order for them.

Roosevelt Junction

Roosevelt Junction starts small at just 4 ft. by 8 ft., but can grow in four phases to reach an awesome 8 ft. by 16 ft. railroading empire. Each 4 ft. by 8 ft. phase adds new operating possibilities. As you grow in the O Gauge railroading hobby, your layout can grow with you.

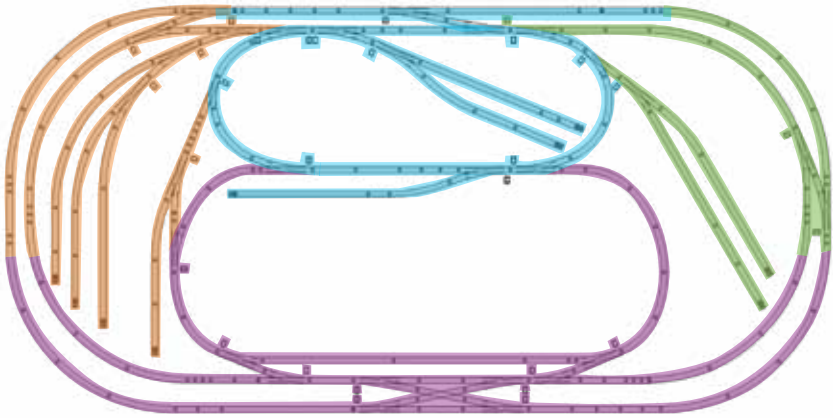
Roosevelt Junction - Phase 1

Roosevelt Junction begins as a small railroad with lots of fun. Sidings on both sides of the mainline allow for interesting switching operations between an engine yard and freights sidings. The mainline allows for continuous running when you want to sit back and watch the trains. The passing siding is long enough to accommodate most starter set trains, allowing two trains to pass each other.



ScaleTrax Pieces

Item #	Description	MSRP	QTY	Extension
45-1001	10 inch straight	\$ 4.99	6	\$29.94
45-1002	0-31 curve	\$ 4.99	6	\$29.94
45-1010	0-72 curve	\$ 5.99	5	\$29.95
45-1011	1.75 inch straight	\$ 2.49	3	\$7.47
45-1012	4.25 inch straight	\$ 3.99	6	\$23.94
45-1013	5 inch straight	\$ 3.99	1	\$3.99
45-1014	5.5 inch straight	\$ 3.99	6	\$23.94
45-1019	30 inch straight	\$ 13.99	3	\$41.97
45-1020	0-72 RH switch	\$ 79.95	3	\$239.85
45-1021	0-72 LH switch	\$ 79.95	1	\$79.95
45-1025	bumper	\$ 15.95	4	\$63.80
45-1033	lock-on	\$ 4.25	6	\$25.50
45-1051	#4 RH switch	\$ 89.95	2	\$179.90
45-1101	PACKAGE TOTAL:			\$739.95



Roosevelt Junction - Phase 2

The second phase of Roosevelt junction adds numerous operating possibilities. The mainline doubles in length, yard capacity nearly triples, and a reversing wye allows entire trains to change direction.

Item #	Description	MSRP	QTY	Extension
45-1001	10 inch straight	\$4.99	3	\$14.97
45-1002	0-31 curve	\$4.99	3	\$14.97
45-1003	0-31 LH switch	\$49.95	1	\$49.95
45-1007	0-54 curve	\$5.29	3	\$15.87
45-1009	0-54 RH switch	\$79.95	1	\$79.95
45-1010	0-72 curve	\$5.99	11	\$65.89
45-1011	1.75 inch straight	\$2.49	11	\$27.39
45-1012	4.25 inch straight	\$3.99	2	\$7.98
45-1013	5 inch straight	\$3.99	3	\$11.97
45-1019	30 inch straight	\$13.99	2	\$27.98
45-1020	0-72 RH switch	\$79.95	6	\$479.70
45-1021	0-72 LH switch	\$79.95	2	\$159.90
45-1025	bumper	\$15.95	4	\$63.80
45-1033	lock-on	\$4.25	7	\$29.75
45-1034	0-80 curve	\$6.99	1	\$6.99
45-1102	PACKAGE TOTAL: \$969.95			

Roosevelt Junction - Phase 3

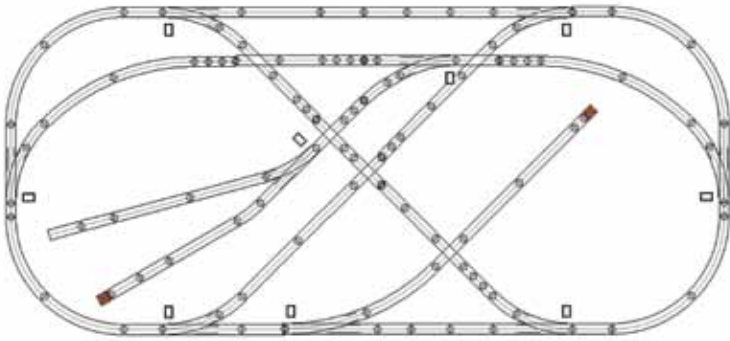
The third phase of Roosevelt junction adds still more operating possibilities. The mainline again doubles in length and a long two-track spur is added making a perfect location for engine sheds or dead-end sidings.

Item #	Description	MSRP	QTY	Extension
45-1001	10 inch straight	\$4.99	6	\$29.94
45-1002	0-31 curve	\$4.99	2	\$9.98
45-1004	0-31 RH switch	\$49.95	1	\$49.95
45-1007	0-54 curve	\$5.29	2	\$10.58
45-1009	0-54 RH switch	\$79.95	1	\$79.95
45-1010	0-72 curve	\$5.99	5	\$29.95
45-1011	1.75 inch straight	\$2.49	5	\$12.45
45-1012	4.25 inch straight	\$3.99	1	\$3.99
45-1014	5.5 inch straight	\$3.99	1	\$3.99
45-1019	30 inch straight	\$13.99	2	\$27.98
45-1020	0-72 RH switch	\$79.95	2	\$159.90
45-1021	0-72 LH switch	\$79.95	1	\$79.95
45-1025	bumper	\$15.95	1	\$15.95
45-1033	lock-on	\$4.25	3	\$12.75
45-1034	0-80 curve	\$6.99	3	\$20.97
45-1103	PACKAGE TOTAL: \$519.95			

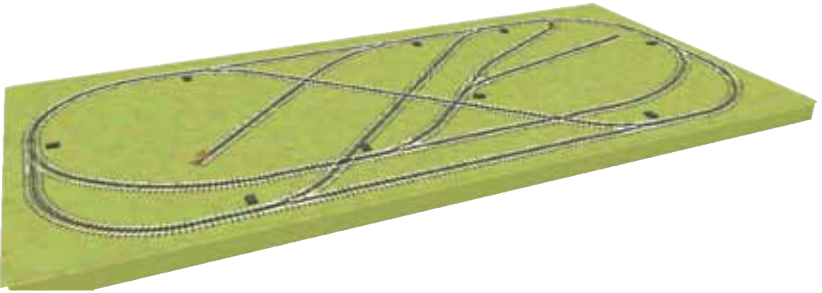
Roosevelt Junction - Phase 4

The fourth and final addition to Roosevelt Junction transforms the layout into a hi-rail empire. The layout now sports a double track mainline with minimum O-72 curves as well as an interior O-31 loop allowing independent operations of three trains. Carefully located crossovers permit east access from either O-72 mainline into the yards. Three yard spurs connect to the mains with O-72 or larger curves so that even the largest articulated locomotives will feel right at home in Roosevelt Junction.

Item #	Description	MSRP	QTY	Extension
45-1001	10 inch straight	\$4.99	5	\$24.95
45-1007	0-54 curve	\$5.29	1	\$5.29
45-1008	0-54 LH switch	\$79.95	2	\$159.90
45-1009	0-54 RH switch	\$79.95	2	\$159.90
45-1010	0-72 curve	\$5.99	10	\$59.90
45-1011	1.75 inch straight	\$2.49	8	\$19.92
45-1013	5 inch straight	\$3.99	3	\$11.97
45-1014	5.5 inch straight	\$3.99	5	\$19.95
45-1015	22.5 deg crossing	\$24.95	1	\$24.95
45-1019	30 inch straight	\$13.99	2	\$27.98
45-1033	lock-on	\$4.25	5	\$21.25
45-1034	0-80 curve	\$6.99	4	\$27.96
45-1050	#4 LH switch	\$89.95	2	\$179.90
45-1051	#4 RH switch	\$89.95	2	\$179.90
45-1104	PACKAGE TOTAL: \$869.95			

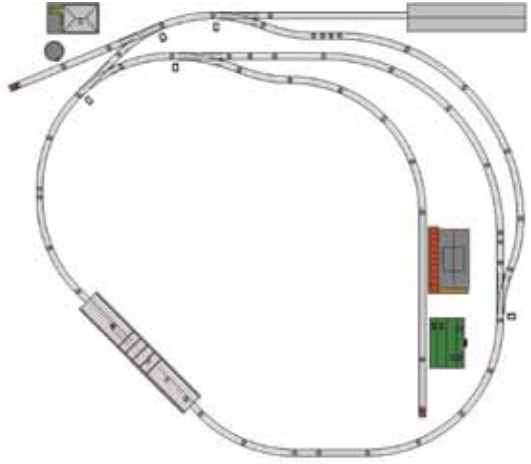


4x8 Freight Central

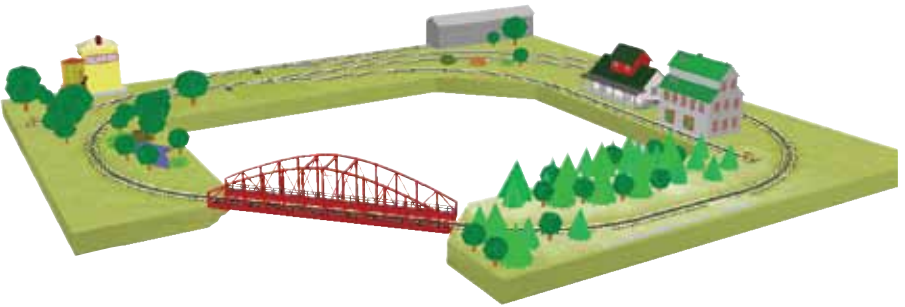


ScaleTrax™ Pieces 45-1108

Item #	Description	MSRP	QTY	Extension
45-1001	10 inch straight	\$ 4.99	8	\$39.92
45-1002	0-31 curve	\$ 4.99	8	\$39.92
45-1003	0-31 LH switch	\$ 49.95	4	\$199.80
45-1004	0-31 RH switch	\$ 49.95	4	\$199.80
45-1005	90 deg crossing	\$ 19.95	3	\$59.85
45-1006	45 deg crossing	\$ 19.95	2	\$39.90
45-1007	0-54 curve	\$ 5.29	5	\$26.45
45-1008	0-54 LH switch	\$ 79.95	1	\$79.95
45-1011	1.75 inch straight	\$ 2.49	24	\$59.76
45-1012	4.25 inch straight	\$ 3.99	7	\$27.93
45-1013	5 inch straight	\$ 3.99	5	\$19.95
45-1014	5.5 inch straight	\$ 3.99	10	\$39.90
45-1025	bumper	\$ 15.95	2	\$31.90
45-1033	lock-on	\$ 4.25	4	\$17.00
PACKAGE TOTAL: \$839.95				

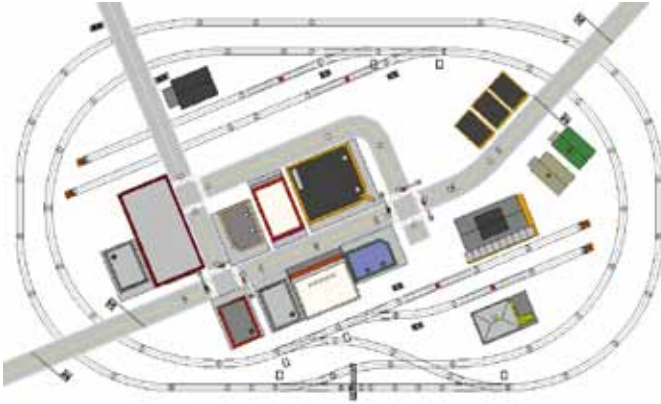


8x9 Spare Room and Pacific RR



ScaleTrax™ Pieces 45-1105

Item #	Description	MSRP	QTY	Extension
45-1001	10 inch straight	\$4.99	9	\$44.91
45-1007	0-54 curve	\$5.29	19	\$100.51
45-1008	0-54 LH switch	\$79.95	1	\$79.95
45-1009	0-54 RH switch	\$79.95	3	\$239.85
45-1010	0-72 curve	\$5.99	7	\$41.93
45-1011	1.75 inch straight	\$2.49	5	\$12.45
45-1012	4.25 inch straight	\$3.99	3	\$11.97
45-1013	5 inch straight	\$3.99	2	\$7.98
45-1014	5.5 inch straight	\$3.99	2	\$7.98
45-1019	30 inch straight	\$13.99	2	\$27.98
45-1020	0-72 RH switch	\$79.95	1	\$79.95
45-1025	bumper	\$15.95	2	\$31.90
45-1033	lock-on	\$4.25	8	\$34.00
45-1034	0-80 curve	\$6.99	1	\$6.99
PACKAGE TOTAL:				\$689.95

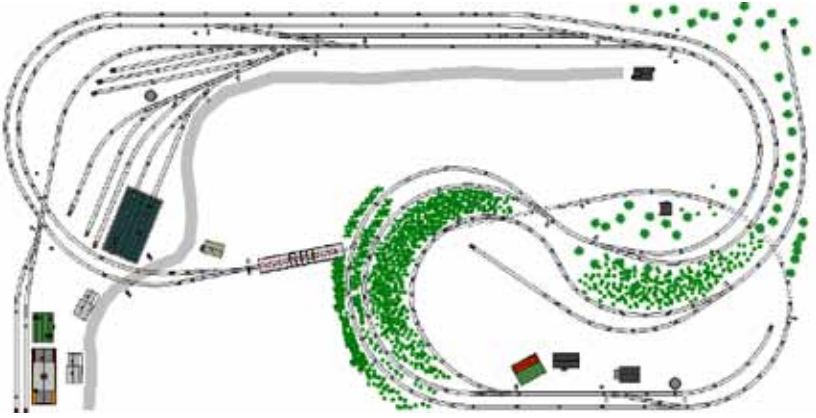


6x10 Main Street

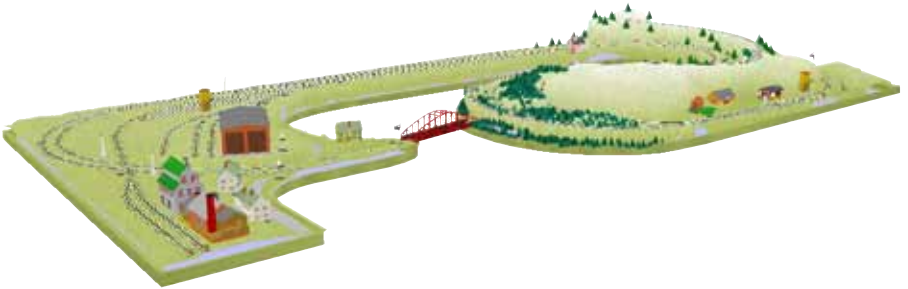


ScaleTrax™ Pieces 45-1107

Item #	Description	MSRP	QTY	Extension
45-1001	10 inch straight	\$4.99	10	\$49.90
45-1007	0-54 curve	\$5.29	30	\$158.70
45-1008	0-54 LH switch	\$79.95	3	\$239.85
45-1009	0-54 RH switch	\$79.95	3	\$239.85
45-1010	0-72 curve	\$5.99	2	\$11.98
45-1011	1.75 inch straight	\$2.49	3	\$7.47
45-1012	4.25 inch straight	\$3.99	5	\$19.90
45-1013	5 inch straight	\$3.99	2	\$7.98
45-1015	22.5 deg crossing	\$24.95	1	\$24.95
45-1019	30 inch straight	\$13.99	3	\$41.97
45-1025	bumper	\$15.95	4	\$63.80
45-1034	0-80 curve	\$6.99	4	\$27.96
45-1035	15" uncoupling section	\$24.95	4	\$99.80
PACKAGE TOTAL: \$939.95				



12x24 Timber Mountain



ScaleTrax™ Pieces 45-1106

Item #	Description	MSRP	QTY	Extension
45-1001	10 inch straight	\$4.99	14	\$69.86
45-1006	45 deg crossing	\$19.95	2	\$39.90
45-1007	0-54 curve	\$5.29	10	\$52.90
45-1010	0-72 curve	\$5.99	41	\$245.59
45-1011	1.75 inch straight	\$2.49	4	\$9.96
45-1012	4.25 inch straight	\$3.99	5	\$19.95
45-1013	5 inch straight	\$3.99	1	\$3.99
45-1014	5.5 inch straight	\$3.99	2	\$7.98
45-1019	30 inch straight	\$13.99	30	\$419.70
45-1020	0-72 RH switch	\$79.95	1	\$79.95
45-1021	0-72 LH switch	\$79.95	5	\$399.75
45-1025	bumper	\$15.95	11	\$175.45
45-1033	lock-on	\$4.25	30	\$127.50
45-1034	0-80 curve	\$6.99	22	\$153.78
45-1049	30 inch flex	\$13.99	23	\$321.77
45-1050	#4 LH switch	\$89.95	3	\$269.85
45-1051	#4 RH switch	\$89.95	5	\$449.75
45-1052	#6 LH switch	\$89.95	4	\$359.80
45-1053	#6 RH switch	\$89.95	3	\$269.85
PACKAGE TOTAL: \$3299.95				

POWER UP with the best transformers in model railroading!



100 Watts

Z-1000™ AC Transformer & Controller
40-1000 \$109.95
100-Watt Accessory AC Power Supply
40-1000A \$89.95
With 14 Volt Accessory Port

Whether you operate with conventional AC power or the M.T.H. Digital Command System (DCS), our UL-approved transformers offer the best way to power your layout. Choose the 100-watt Z-1000™ for a small- to medium-sized layout, or step up to the 400-watt, feature-laden Z-4000®, the most powerful UL-approved transformer in the hobby. All M.T.H. AC transformers offer:

- Incredibly smooth, wide range throttle for precise speed control
- Bell and whistle/horn buttons that work with all makes of AC-powered locomotives
- Fast-acting circuit breakers to protect your equipment
- Continuous useable wave power output, compatible with all AC-powered engines



RailKing Controller Set
40-750C \$59.95

Includes Z-500/Z-750 transformer controller, RealTrax lock-on (40-1003), RealTrax wire harness (40-1015)



50 Watts

Z-500™ AC Transformer
40-500 \$69.95

Designed for smaller layouts, the Z-500 offers the same control features as the Z-1000 but with less power.



TIU/Barrel Jack Adapter Cable
50-1017 \$10.95



RealTrax Wire Harness
40-1015 \$4.99
Banana Plug Wire Harness
10-1020 \$3.99



Z-DC1 DC Transformer
40-200 \$29.95

- U.L. Approved
- Smooth Operating Throttle Knob
- Built-In Circuit Breaker Protection

20 Watts

Z-DC300 DC Transformer
40-300 \$79.95



30 Watts

400 Watts! The Most Powerful Listed AC Transformer!

Learn More About It
The instruction manual for every M.T.H. transformer is available at www.mthtrains.com. Just look up the transformer in our Product Search feature.



Overload indicator

Smooth-operating, wide-range **dual throttles**

Dual ammeters show how much current each throttle is using and warn of potential overloads

Bell and whistle-horn buttons compatible with all AC engines

Programming button for original Proto-Sound and QS1[®] AC sound systems

Internal cooling fan

Dual voltmeters show how much power you're putting on the track

Power-on indicator

Direction button for each channel

On-off switch with Accidental Startup Protection: If throttles are not in Off position when Z-4000 is turned on, no power will be applied to the track.

Rear Panel Outputs

Accepts bare wires, spade lugs, or banana plugs (recommended) for easy connections

Z-4000[®] Transformer
40-4000 \$459.95
Two throttles, each with its own complete set of controls, plus 10-volt and 14-volt accessory outputs

0-22 Volts Track Power (10 AMP)

10-Volt Accessory Power (3 AMP)

14-Volt Accessory Power (3 AMP)

0-22 Volts Track Power (10 AMP)

Put the power of the Z-4000, all 400 watts of it, into the palm of your hand with the Z-4000 Remote Control System!

Z-4000 Remote Control System
40-4001 \$149.95

- (1) Z-4000 Remote Control Unit
- (1) Z-4000 Remote Control Receiver
- Fully Assembled
- LCD Screen
- One-Touch Button Operation
- Controls Up To (3) Z-4000 Transformers
- Requires (4) AAA Batteries (not included)
- 30' Range



WHY THE OR LISTING?

To protect our customers and their trains, M.T.H. Electric Trains is committed to manufacturing safe, UL or CSA approved transformers and power supplies. By subjecting our transformers to the strenuous tests and requirements of Underwriters Laboratories and/or CSA, M.T.H. helps ensure that our products meet the same requirements as other consumer electronics sold today. When choosing a new transformer, model railroaders should only look for those that have received a UL or CSA listing.



SIMPLY THE BEST

THIS REMOTE IS **SIMPLE**.

IT SPEAKS **ENGLISH, NOT ICONS**.

IT CAN BE **OPERATED EASILY WITH ONE HAND**.

IT CAN BE **UPGRADED FOR FREE** OVER THE INTERNET.



It can run over 1500* Proto-Sound 2.0 and 3.0 engines and every Lionel®, Atlas, Weaver, and Third Rail TMCC®, EOB, or Legacy™** engine ever made — and run 99 of them at the same time, on the same track, independently, in command mode.

It can also **RUN ALL CONVENTIONAL AC LOCOMOTIVES** without the purchase of any additional hardware.

With the addition of an Accessory Interface Unit (AIU), it can **OPERATE ANY ACCESSORY OR SWITCH**. It can create scenes and routes that are triggered with one push of a button.



To request a **COMPLEMENTARY DVD** on DCS and M.T.H. technology, email us or call us at 410-381-2580.

WHAT CAN YOUR REMOTE DO?

* Number of different Proto-Sound 2.0 and 3.0 engines cataloged through the 2013 Volume 1 MTH catalog.

** While all TMCC features can be accessed by the DCS handheld remote, at present some Legacy features cannot be accessed by the DCS remote.



EVERY PROTO-SOUND 2.0 AND 3.0 TRAIN SET LOCOMOTIVE IS ALREADY EQUIPPED TO RUN ON DCS

WAY TO RUN A RAILROAD™

Command Control Explained

In conventional operation, an AC or DC transformer varies track voltage to adjust engine speed and direction. Command systems such as DCS, however, put a constant voltage on the track (around 18 volts for DCS) and vary speed by telling each engine how much of that voltage to use. Command control allows different engines to do different things — like run at different speeds, go in different directions, or make different sounds — even when they are on the same track.

In the DCS system, commands such as speed, direction, and sound control are sent as radio signals from the handheld throttle to a TIU (track interface unit). The TIU translates those radio signals into digital information that is sent through the rails and picked up by a receiver in the appropriate engine —

telling it to go, for example, 37 miles per hour, blow the whistle, smoke more heavily, or any other command. DCS locomotives can also send information back to the handheld to let the operator know what they're doing.

A unique feature of DCS is the ability to control the other major command systems used by 3-rail O gauge modelers, Lionel's TrainMaster® Command Control (TMCC®) and Legacy™ systems. With the addition of a Lionel command base, the DCS handheld can control engines from all systems on the same track at the same time.

The new TIU/TMCC-Legacy Connector Cable also allows you to run both the DCS and Legacy systems simultaneously on your layout, using both the DCS and Legacy handheld remotes.

INTUITIVE MENUS ALLOW YOU TO PROGRAM, SELECT, AND CONTROL ENGINES, SWITCHES, AND ACCESSORIES.

1 Go to the engine setup menu

▶ ADD ENGINE
EDIT ENGINE
DELETE ENGINE
MENU:ENGINE SETUP

2 Choose your engine type

▶ ADD NTH ENGINE
ADD TMCC ENGINE
MENU:ADD ENGINE

3 DCS will "look" for Proto-Sound® or TMCC command-equipped engines on your layout. When it finds one, it adds it onto your remote and tells you when it's done.

CONGRATULATIONS
YOU SUCCESSFULLY
ADDED AN NTH ENGINE

SMPH: 10
1: PRR S1
MTC SCS S01 LIN →

New! DCS 4.20

DCS 4.20, the latest DCS software upgrade, is now available as a free download and is fully compatible with all DCS systems and every Proto-Sound 2.0 or 3.0 equipped locomotive engine ever made. DCS 4.20 features new engine control options; allows the DCS handheld to emulate virtually every feature of the TMCC CAB-1® handheld; and allows the user to back up data on the DCS handheld to a personal computer - and clone that data to another DCS handheld if desired.

For more information on DCS 4.20 and the entire DCS system, go to www.protosound2.com

DCS COMPONENTS

DCS Remote Control System
50-1001 \$329.95



DCS Track Interface Unit (TIU)
50-1003 \$189.95



DCS Remote Control -
Handheld Unit
50-1002 \$159.95



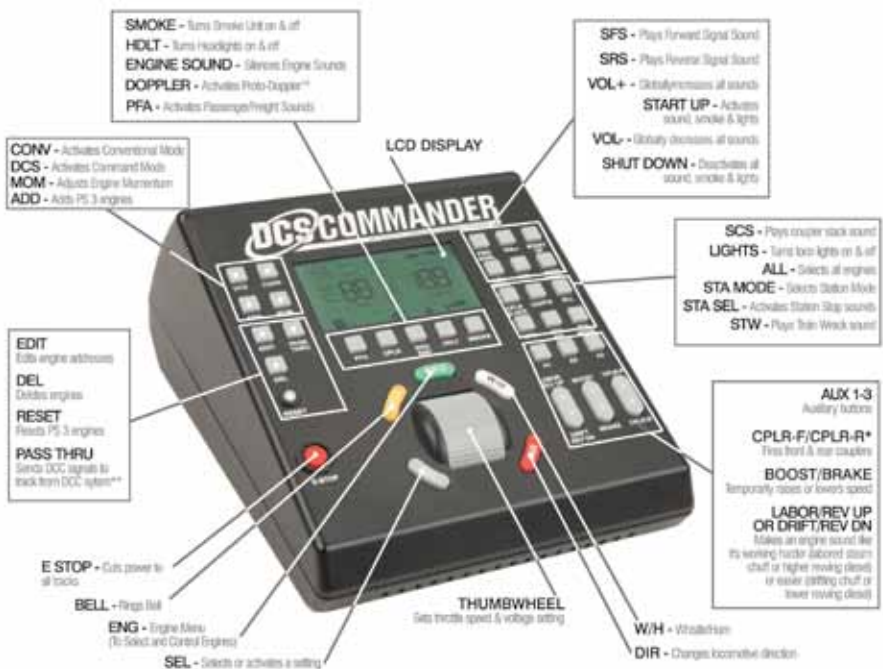
DCS Accessory Interface Unit (AIU)
50-1004 \$109.95

Proto-Sound Battery	
50-1008	\$11.95
AA NiCad Proto-Sound Battery	
50-1024	\$11.95
Proto-Sound 2.0 Battery Charger	
50-1019	\$16.95
TIU/TMCC 6' Connector Cable	
50-1032	\$24.95
6' Mini-to-Mini Cable	
50-1009	\$9.95
24-Port Terminal Block	
50-1020	\$34.95
12-Port Terminal Block	
50-1014	\$24.95
Z-DC24 24-Watt Power Supply	
50-240	\$17.95
DCS O Gauge Companion	
Digital Book - Second Edition	
60-1279	\$12.95

DCS COMMANDER

HO DIGITAL COMMAND SYSTEM CONTROLLER

More Features Than Analog DC or DCC Command Control



* Operating cranes are not available on HO locomotives at this time.
 ** Customer supplied DCC system Required

The next generation of the DCS Digital Command System is here. The all-new DCS Commander brings a less expensive, but powerful command control device to your O Gauge and HO DC powered layouts. Connect a DCS Commander between the wires of your existing DCC system or DC power supply to the track and you can switch back and forth between DCS and Analog DC operating modes with just a push of a button.

Because many M.T.H. Proto-Sound 2.0** locomotives can operate on both AC or DC current, the DCS Commander may be the affordable DCS command control option you've been looking for. Available alone or bundled with a 100 watt power supply, The DCS commander outputs 18 volts of DC power and includes a built-in 5amp resettable breaker making it a perfect solution for small M.T.H. O Gauge

layouts exclusively running Proto-Sound 2.0** locomotives.

For HO operators, the DCS Commander Controller Set is a perfect power solution for almost any size HO layout. HO operators whose layouts are already outfitted with a DC power supply can choose the individual DCS Commander and plug their existing power supply right into the Commander's power inputs.

The DCS Commander provides the user with intuitive control of multiple Proto-Sound 2.0** or later equipped locomotives. For each locomotive, more than 32 functions are available at the touch of a single clearly-labeled button.



Perfect for Any Proto-Sound 2.0 Equipped Train Set!

DCS Commander System
w/100 Watt Power Supply
50-1029 \$229.95

DCS Commander Controller
50-1028 \$149.95

Features Include:

- Speed adjustment in one-scale mile-per-hour steps
- Independent feature control: tune your engines' sound, lights, smoke and acceleration/ deceleration settings
- Smoke On/Off
- Doppler Sounds: simulate the classic sound effect of a train approaching and then whizzing past
- Accent Sounds: activate any one of 7 individual sounds, including signal forward and reverse sounds, coupler slack, engine start-up and shut-down, engine labor and engine drift
- Activate Passenger Station and Freight Yard Sounds
- Individual locomotive control: select up to 10 Proto-Sound 2.0 or later engines
- Selectable control mode configurations: choose between analog DC, DCC and DCS operating modes
- Track Signal Test: test your layout's signal strength using the built-in signal strength analyzer.
- Proto-Whistle Quillable Sound Activation: access the built-in Proto-Whistle quillable sounds*** found inside your Proto-Sound 2.0 or later locomotives and using the thumbwheel to "play" your locomotive's whistle just like a real engineer!
- Access Whistle Signal Sounds: activate grade crossing whistle signals**** on your Proto-Sound 2.0 or later equipped locomotive

** Requires Proto-Sound 2.0 locomotive onboard 3-volt system or Proto-Sound 3.0 locomotive onboard system. Proto-Sound 2.0 3-volt systems are identified by their square battery charging jack on the locomotive chassis. See the locomotive's operator's manual for the exact location of the charging jack.

*** Proto-Whistle quillable sounds not found in all Proto-Sound 2.0 or later equipped locomotives. Refer to your locomotives operator's manual to determine if your locomotive is equipped with Proto-Whistle quillable sounds.

****Proto-Whistle grade crossing signals not found in all Proto-Sound 2.0 or later equipped locomotives.

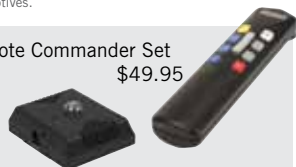
DCS Remote Commander Set

The DCS Remote Commander is an inexpensive wireless solution capable of accessing the most popular command control functions programmed into Proto-Sound 2.0 or 3.0 locomotives.* The DCS Remote Commander handheld controller features clearly labeled, one-button control of 9 engine functions. There are no function keys or special codes to remember. Access the locomotive whistle or horn, bell, smoke, direction and speed with just a single button push. You can also access Passenger Station or Freight Yard Proto-Effects, engine startup and shutdown sounds and control the front or rear Proto-Couplers with this lightweight, easy-to-use remote.

Adding a DCS Remote Commander to your existing layout is simple: just plug your power supply into the DCS Remote Commander receiver and the output wires from the receiver to your track lockon. The DCS Remote Commander can accept any power input (AC or DC) up to 20 volts and 8 amps, making it a perfect choice for small and moderately sized layouts.

*Proto-Sound 3.0 or later

DCS Remote Commander Set
50-1033 \$49.95



Features Include:

- Speed adjustment in one-scale-mile-per-hour steps
- Volume Control
- Smoke on/off
- Front & Rear Proto-Coupler Control
- Engine Start-up & Shutdown Sounds
- Activate Passenger Station and Freight Yard Sounds
- Whistle/Horn Control & Bell On/Off
- Locomotive Direction Control
- Wireless Communication With DCS Remote Commander Receiver
- LED Power On Lamp (Receiver Only)
- AC or DC Power Input
- Remote Requires (2) AA Batteries (not included)
- Unit Measures: 6 inches

MTH Railroaders Club

JOIN THE CLUB

There are **TEN** different types of memberships, based on the style of model railroading that most interests you.

JOIN ONLINE! IT'S EASY - JUST GO TO WWW.MTHTRAINS.COM

RailKing Membership



30-74723 MTHRRC 50' Double Plug Door Boxcar

RailKing Membership is \$50.00

Tinplate O Gauge Membership



10-8084 MTHRRC No. 2815 O Gauge Oil Car
Tinplate 2800 Series Membership is \$90.00

Lionel Corp. O Gauge Membership



11-70091 Lionel Corp. No. 2815 O Gauge Oil Car
Lionel Corp. 2800 Series Membership is \$90.00

One-Gauge Membership



70-75032 MTHRRC
Pennsylvania Power & Light 4-Bay Hopper

One-Gauge Membership is \$100.00

Basic Membership

60-1000 - The Basic Club Membership does not include a club car

Basic Membership is \$25.00

Premier Membership



20-93584 MTHRRC Chesapeake & Ohio 50' PS-1 Box Car with Youngstown Door

Premier Membership is \$55.00

Tinplate Std. Gauge Membership



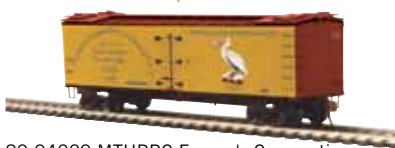
10-2243 MTHRRC No. 215 Std. Gauge Oil Car
Tinplate 200 Series Membership is \$120.00

Lionel Corp. Std. Gauge Membership



11-30149 Lionel Corp. No. 215 Std. Gauge Oil Car
Lionel Corp. 200 Series Membership is \$120.00

HO Membership



80-94029 MTHRRC Farmer's Cooperative R40-2 Woodside Reefer

HO Membership is \$30.00

S Gauge Membership



35-74000 MTHRRC Baltimore & Ohio Rebuilt Steel Box Car

S Gauge Membership is \$55.00

AS A MEMBER OF THE M.T.H. RAILROADERS CLUB YOU'LL RECEIVE:

Limited-Edition Club Car

Each year we produce beautifully decorated cars exclusively for our Club members. Members automatically receive the car that matches their Club membership (RailKing, Premier, Tinplate, S Gauge, HO, or One Gauge) and have the option to collect the other Club cars as well.



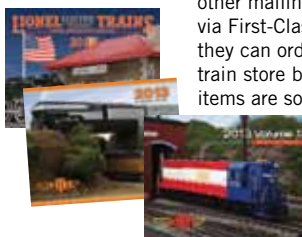
The CrossingGate™ Club Magazine

You will receive our quarterly full color Club magazine, jam-packed with product news, layout visits, rail history, and step-by-step articles on how to enjoy M.T.H. products even more.



1st Class Mailing of M.T.H. Catalogs

Club Members get all of our catalogs earlier than all our other mailing list members, via First-Class mailings, so they can order from their local train store before the best items are sold out.



RailWare™ Software DVD

Use your computer to design track layouts, search the database of all M.T.H. products, look at our past catalogs, listen to Proto-Sound 3.0 train effects, and much more. This DVD retails for \$79.95, but is yours FREE as a Club member.



Unique Club Products and Discounts

You'll have the option to purchase uncataloged members-only engines and rolling stock, and take advantage of members-only discounts on select cataloged items.



Club Card & Lapel Pin

Show the world your membership in this elite group of model railroaders with your high-quality embossed membership card and beautiful enameled lapel pin.



Proto-Sound® 2.0 Upgrade Kits

Club members can save an additional 15% on these kits for upgrading older locomotives.

Club Web Site

Visit www.mthtrains.com & type in your member number to gain access to the Club web site. Here you can exchange messages with other Club members, and even build your own homepage.

CARRY ON THE M.T.H. TRADITION WITH MEMORABILIA AND COLLECTIBLES

MTH Promotional DVD

This interactive DVD is packed full of sights & sounds guaranteed to make you rethink how far the hobby of model railroading has come. You'll learn about some of the most innovative products ever produced and marvel at the sophistication of a product line unmatched by other model train manufacturers.

Previous Year Club Cars

MTHRC members can still obtain earlier produced MTHRC cars by visiting the MTHRC pages on the website. Only MTHRC members can get these cars!



A Toy Train Story

This comprehensive history of M.T.H. is a must for toy train hobbyists. 350 pages & 1900 color photos, hard cover. Add this book to your membership for only \$25.00 (50% off the \$49.95 cover price)!



We don't think we're exaggerating when we say M.T.H. has the most useful train manufacturer's site on the Internet. Here's just a sample of the answers you can find online.



① WHAT'S THE LATEST INFO ON ...?

Use Product Search to find the latest info on new products before they're delivered — sound sets, cab numbers, feature and paint scheme updates, and other information that arrived after the catalog was published.

DID YOU EVER MAKE?

Use Product Search to search through nearly all of the 15,000 items we've made in the past 33 years, for your favorite road name, engine, or type of rolling stock.

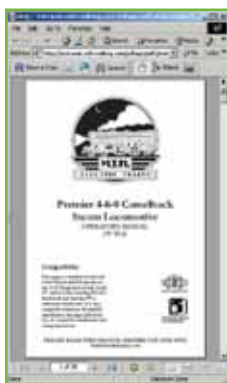
HOW DOES IT WORK?

Misplaced an instruction manual or just want to know how a product works? Use Product Search to look up the item and view its instruction manual.



② DOES ANY DEALER STILL HAVE ...?

Locate hard-to-find items with our Product Locator, which searches the inventories of M.T.H. dealers across the country.



③ WHEN IS IT COMING?

Our online Shipping schedule is updated frequently to let you know what's coming soon to your hobby shop.

④ ARE YOU GOING TO MAKE?

View the last several M.T.H. Catalogs online. Or click on Video to see M.T.H. products in action.

5 HOW CAN I FIX...?

The Service area of our site allows you to email a question to our factory technicians or find which of our 150+ local service centers is closest to you.

WHAT REPAIR PART DO I NEED?

Use Product Search to find exploded diagrams and parts lists for M.T.H. locomotives and accessories, and then order the parts online or by phone.



6 WHAT'S NEW?

New arrivals and other news are posted frequently on our home page.

7 HOW CAN I LEARN MORE ABOUT DCS?

Follow the link to the protosound2.com Web site for DCS and Proto-Sound information — and a list of Authorized DCS Demo Centers where you can try DCS hands-on.

HOW CAN I UPDATE MY DCS SYSTEM OR CHANGE A SOUND SET?

Only M.T.H. allows you to update your control system or change an engine's sound set right over the Internet. Follow the link to the protosound2.com Web site for DCS and Proto-Sound 2.0 downloads.

To get the news as it happens, sign up for our free weekly electronic newsletter, with information on new M.T.H. products, industry news, and sneak peeks at upcoming specials!

Just go to mthtrains.com and click on Newsletter Signup.

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All item's graphic features and content are subject to change after publication. All product features may be verified on their retail packages. M.T.H. Electric Trains is in no way affiliated with any of the railroads featured in this catalog.

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Commander™, DCS™ and the MTH Numbering System and all others indicated throughout this catalog. RealTrax® layouts created with RR-Track™ which is a registered trademark of R&S Enterprises.

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M.T.H.'s DCS Digital Command System has received U.S. Patent No. 6,457,681. M.T.H.'s Proto-Sound 2.0 system has received U.S. Patent No's 6,457,681 B1 (sound system), 6,457,681 B1 (Proto-Speed Control), 6,604,641 (Proto-Coupler), 6,280,278 (Proto-Smoke). M.T.H.'s RealTrax has received U.S. Patent No. 6,019,289. M.T.H.'s ScaleTrax switches have received U.S. Patent No. 6,491,263.

M.T.H.'s Z-4000 Transformer has received U.S. Patent No's 6,281,606 & 6,624,537.

M.T.H.'s Proto-Scale 3-2 has received U.S. Patent No. 6,662,917
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At your local M.T.H. Authorized
Retailer or at your local model
railroad club or exhibit

See our trains in action,
hold them in your hands,
and **run** them yourself on an
actual train layout — at dozens
of **See It, Hold It, Run It** (SHR)
venues across the country.

For the nearest location, visit us online at
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