

Tinplate Traditions by M.T.H. 2006



TINPLATE TRADITIONS
By MTH Electric Trains

A DREAM COME TRUE



It should be no surprise that the M.T.H. corporate symbol is a Standard Gauge Blue Comet steam engine. Over the past 26 years, M.T.H. Electric Trains has cataloged over 10,000 items in four gauges, and it all began with a college student's dream of reproducing the tinplate toy trains of the 1920's and '30's. In 1980, Mike Wolf, already an eight-year veteran of the model train industry, opened a mail order train business in a spare bedroom of his family's Maryland home. Armed with a separate phone line and a fancy new device called a FAX machine, Mike managed the inventory, processed and shipped orders,

worked train shows on weekends, and worked for Williams Reproductions, a fledgling model railroad manufacturer.

Three years later, Mike's Train House, as the business was called then, made the leap into manufacturing by purchasing Jerry Williams' standard gauge tooling - financed in part by the loan of Mike's parents' life savings. The first M.T.H. catalog in 1983, printed in black and white, offered the No. 9, No. 381E, and No. 408 standard gauge locomotives. Sheet-metal parts were stamped in Minnesota, shipped to Maryland where they were painted by a high-school friend of Mike's in his parents' garage, and assembled in the Wolf family's basement.

Mike's experience and expertise in manufacturing toy trains led to projects with Lionel® and other O-Gauge model railroad firms, and eventually he began to devote

himself to manufacturing full time. In 1993, M.T.H. Electric Trains introduced its own O-Gauge line with a scale-detailed diesel, and followed that up with dozens of realistic diesel, electric, and steam locomotives that had never been offered to the O gauge market. But while the scale-detailed product lines have continued to grow by leaps and bounds, we have never forgotten our tinplate roots. Today M.T.H. is the only company in the world offering a full line of Standard Gauge and O-Gauge trains that faithfully reproduce the magic of the pre-war tinplate era.

SO WHAT EXACTLY IS TINPLATE?

Popular from the early twentieth century until the beginning of World War II, tinplate trains were the product of an era when toy trains indeed looked like toys, and prototype accuracy was less important than artistry and bright colors. Like the originals, M.T.H. Tinplate Traditions models are made of stamped and die-cast metal and finished in bright metal plating and shiny baked enamel paint — enabling you to enjoy the same excitement that a child felt when receiving these toys as a holiday or birthday present seven or eight decades ago.

Tinplate Traditions trains come in two sizes: O-Gauge and Standard Gauge, which is almost twice the size of O-Gauge and peaked in popularity in the 1920s and 1930s.

www.mthtrains.com

M.T.H. TRAINS ARE MORE FUN

Only M.T.H. offers you the choice of enjoying tinplate trains that perform just like new toys of eighty years ago, or updated with modern technology. Many Tinplate Traditions locomotives are offered in both Traditional and Proto-Sound® 2.0 configurations.

Traditional versions don't just look like the pre-war originals; they operate like them, too. Traditional locomotives feature open-frame AC motors and mechanical E-units (reverse units) for operators who want to recreate the full tinplate experience - complete with buzzing E-units, growling motors, and the smell of ozone in the air!

Proto-Sound® 2.0 versions feature the same accurate, nostalgic appearance on the outside but the latest M.T.H. technology inside. The complement of Proto-Sound® features offers today's tinplate operator more fun than a child of the 1920's or '30's ever dreamed of:

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

Speed control and slow speed capability: Original Tinplate locomotives often had two speeds: fast and faster. M.T.H. locomotives feature Proto-Sound® 2.0, our unique sound and control system that allows our engines to throttle down to a slow crawl, highball down the main line, or maintain any speed in between. The Locomotive Speed Control built into Proto-Sound® 2.0 acts like the cruise control on a car, keeping your train moving at the speed you select, regardless of hills and curves.

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 s-l-o-w-l-y chuffing and puffing as it pulls out of a station and gets up to speed.

Vivid engine sounds: Proto-Sound® features digital recordings with CD-quality playback. Press the transformer whistle/horn button to hear the wail of an electric locomotive horn or the melody of an authentic steam whistle. Press the bell button to alert passengers to your train's arrival or departure. And steam chuff sounds vary automatically depending on how hard your engine is working.

Station sounds: Proto-Sound® passenger engines offer Passenger Station Proto-Effects™, a complete arrival and departure sequence that you can activate from your transformer. Freight engines include Freight Yard Proto-Effects™, a symphony of freight terminal sounds.

Remote uncoupling: Our O-Gauge Proto-Sound® steam locomotives offer remote uncoupling anywhere on your layout, controlled from your transformer. The opening of the coupler is accompanied by the hiss of air hoses parting and the clank of the coupler knuckle opening.

TINPLATE MEGASTATIONS

There are over 1,100 M.T.H. Authorized Retailers in North America ready to serve your model railroad-ing needs. Of these, a select few qualify for inclusion in M.T.H.'s Mega Station program. So just what is a Mega Station?

Simply put, M.T.H. Authorized Mega Stations are your best bet for finding the widest selection of M.T.H. products in stock, when you want them. Mega Station retailers also meet our DCS Demo Center qualifications so you'll find expert assistance in seeing M.T.H. products in action whenever you visit a Mega Station retailer.

Each of our Mega Station accounts has the option of qualifying for one or more categories covering our RailKing O Gauge, Premier Line O Scale, Tinplate Traditions and RailKing One Gauge product lines. The list to the right includes our current Tinplate Traditions Mega Station accounts. Of course, if your favorite M.T.H. Authorized Retailer isn't listed they can still order any of our current Tinplate Traditions offerings. To find a local M.T.H. Authorized Retailer, visit our website and click on the Dealer Locator link.

Western Depot
Yuba City, CA
530-673-6776
www.westerndepot.com

Ready to Roll
Miami, FL
305-688-8868
www.readytorolltrains.com

Roundhouse South
Port Orange, FL
386-304-7002
www.roundhousesouth.com

Sidetrack Hobbies
Leonardtown, MD
301-475-5381
www.sidetrackhobbies.com

Brady's Toy & Train Outlet
Greensburg, PA
(724) 838-8448
www.bradystrainoutlet.com

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Nassau Hobby Center
Freeport, NY
516-378-9594
www.nassauhobby.com

Nicholas Smith Trains
Broomall, PA
610-353-8585
www.nstrains.com

Trains R Fun
Frazier, PA
610-644-4585
www.rccarsfun.com

The Hobby Shop
Aberdeen, NJ
732-583-0505
www.hobbyshopnj.com



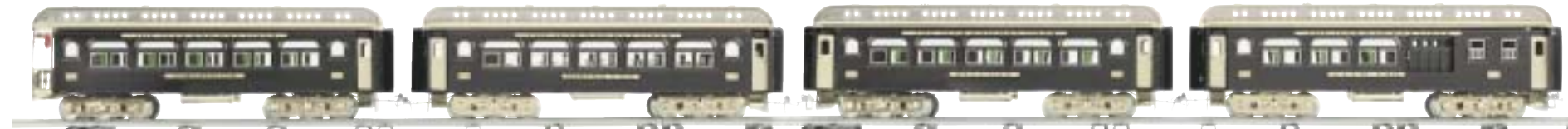
#1134 Ives Standard Gauge Steamer



Chrome - #1134 Ives Standard Gauge Steamer
 10-1259-1 w/Proto-Sound® 2.0 \$899.95
 10-1259-0 Traditional \$899.95



Black - #1134 Ives Standard Gauge Steamer
 10-1258-1 w/Proto-Sound® 2.0 \$899.95
 10-1258-0 Traditional \$899.95



Black/Chrome - 4-Car Std. Gauge 418 Set
 10-5067 \$699.95



Black/Red - 4-Car Std. Gauge 418 Set
 10-5068 \$699.95

FEATURES

Traditional Features

- Baked Enamel Finish
- Die-Cast Boiler, Tender and Chassis
- Colorful Paint Scheme
- Decorative Metal Whistle
- Metal Wheels and Axles
- Operating Metal Latch Couplers
- Track Voltage Operating Headlight
- Metal Handrails and Decorative Bell

- Brass or Nickel Trim
- Unit Measures: 26 1/4" x 5 1/4" x 4 1/4"
- Operates On STD-42 Curves

Additional Proto-Sound® 2.0 Features

- Constant Voltage Headlight
- Precision Flywheel-Equipped Motor
- Locomotive Speed Control
- Synchronized Puffing ProtoSmoke™ System

- Proto-Sound® 2.0 With The Digital Command System Featuring: Passenger Station Proto-Effects™
- Operates On STD-42 Curves

Passenger Set Features

- Metal Wheels and Axles
- Overhead Interior Lighting
- Colorful, Attractive Paint Schemes

This sleek steamer defines the quiet elegance of the Tinplate Traditions line. The Ives #1134 is one of the largest Standard Gauge steam locomotives ever. The 1134 was patterned after the Baltimore & Ohio's "President Washington" 4-6-2 Pacific but the wheel designation chosen on the model was 4-4-2, to enable it to negotiate Standard Gauge curves.

The styling of the engine captured the very essence of American steam engines, but the lack of purity in the castings of the original Ives releases threatened the lifespan of the beautifully crafted locomotive. With its stamped steel body, baked enamel finish and metal wheels and axles, durability is not a problem for this M.T.H. model.

Today, the 1134 returns to M.T.H.'s Tinplate Traditions lineup and sports, just beneath the graceful lines of the tinplate boiler, the excitement of Proto-Sound® 2.0, whose revolutionary electronics control a smooth-running chassis capable of running at just a few scale miles per hour. Cracking open the throttle and bringing the locomotive forward releases the first blasts of smoke from the engine's stack, accompanied by realistic chuffing sounds. As the locomotive picks up speed, one notices that each huge puff of smoke is timed to the driver's revolutions. The wail of the whistle and the clang of the bell further stimulate the senses, and the flash and color of yesteryear are made even more exciting by the addition of Proto-Sound® 2.0.

Pair this distinguished steamer with a matching 418 Series Passenger Set by M.T.H. Each car boasts operating metal latch couplers, beautiful metal trim, and all-metal construction.

#392E Standard Gauge Steam Engine



Black/Brass - #392E Standard Gauge Steam Engine
 10-1252-1 w/Proto-Sound® 2.0 \$799.95
 10-1252-0 Traditional \$799.95



Florida East Coast - #392E Standard Gauge Steam Engine
 10-1253-1 w/Proto-Sound® 2.0 \$799.95
 10-1253-0 Traditional \$799.95



Gray/Nickel - #392E Standard Gauge Steam Engine
 10-1254-1 w/Proto-Sound® 2.0 \$799.95
 10-1254-0 Traditional \$799.95



Lehigh Valley - #392E Standard Gauge Steam Engine
 10-1255-1 w/Proto-Sound® 2.0 \$799.95
 10-1255-0 Traditional \$799.95

FEATURES

Traditional Features

- Die-Cast Tender Top
- Stamped Steel Boiler
- Die-Cast Metal Chassis
- Baked Enamel Finish
- Brass or Nickel Trim
- Metal Wheels and Axles
- Operating Metal Latch Couplers
- Metal Handrails and Decorative Bell
- Decorative Metal Whistle
- Track Voltage Operating Headlight
- Build-a-LoCo Motor
- Mechanical E-Unit
- Unit Measures: 27 1/2" x 5 3/4" x 4 1/2"
- Operates On STD-42 Curves

Additional Proto-Sound® 2.0 Features

- Remote-controlled Metal Latch Coupler
- Constant Voltage Headlight
- Precision Flywheel-Equipped Motor
- Locomotive Speed Control
- Synchronized Puffing ProtoSmoke™ System
- Proto-Sound® 2.0 With The Digital Command System Featuring: Passenger Station Proto-Effects™



Add Matching
 Passenger Cars!
 See Page 22

With the exception of the venerable 400E, standard gauge's largest steam locomotive is the mammoth 392E. First produced in 1932, the 392E roars to life again as part of the 2006 Tinplate Traditions lineup.

Evoking memories of yesteryear while employing today's technology, the 392E may just become one of the most popular steam engines we've ever produced. Available in two traditional paint schemes and four railroad-inspired schemes, our 392E offers operators and collectors a choice between a contemporary Proto-Sound® 2.0 drive train or a traditional version outfitted with an AC motor and mechanical E-unit.

Contemporary versions come complete with all the features you expect to find in a Proto-Sound® 2.0-equipped locomotive, including synchronized puffing smoke, full digital sound, locomotive speed control for incredibly realistic operation regardless of load or terrain, and a bevy of operating features not available in any other manufacturer's tinplate models.

Like all Tinplate Traditions locomotives, the 392E closely models the original of yesteryear. The boiler, tender, and running gear are produced entirely from stamped metal components. Painted surfaces are decorated with high-gloss enamel paint and sport a fit and finish never seen on original models.

Of course nothing complements the 392E better than a beautiful set of matching passenger cars, each hand-assembled entirely from all-metal components.



Pennsylvania - #392E Standard Gauge Steam Engine
 10-1256-1 w/Proto-Sound® 2.0 \$799.95
 10-1256-0 Traditional \$799.95

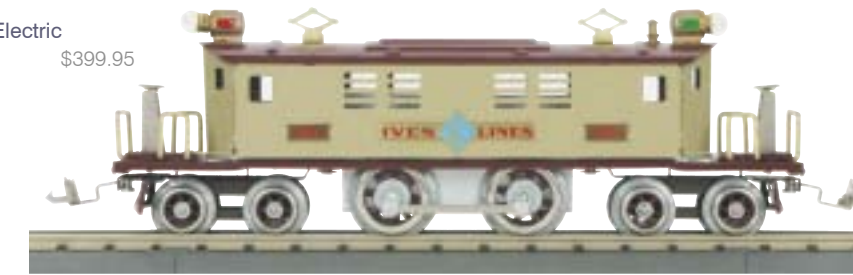


Texas & Pacific - #392E Standard Gauge Steam Engine
 10-1257-1 w/Proto-Sound® 2.0 \$799.95
 10-1257-0 Traditional \$799.95

#1694 Ives O-Gauge Electric



Beige/Maroon - #1694 Ives O-Gauge Electric
10-3022-1 w/Proto-Sound® 2.0 \$399.95
NEW!



Red/Maroon - #1694 Ives O-Gauge Electric
10-3024-1 w/Proto-Sound® 2.0 \$399.95
NEW!



Blue/Silver - #1694 Ives O-Gauge Electric
10-3023-1 w/Proto-Sound® 2.0 \$399.95
NEW!

Beige/Maroon - #1616 3-Car Passenger Set
10-8046 \$399.95 **NEW!**



FEATURES

Locomotive Features

- Directionally Controlled Headlights
- Stamped Steel Body and Chassis
- Baked Enamel Finish
- Brass or Nickel Trim
- Metal Wheels, Axles and Gears
- Operating Metal Latch Couplers
- Metal Handrails
- Precision Flywheel-Equipped Motor
- Locomotive Speed Control
- Proto-Sound® 2.0 With The Digital Command System Featuring: Passenger Station Proto-Effects™
- Unit Measures: 14 3/4" x 2 7/16" x 4 1/4"
- Operates On O-31 Curves

Passenger Set Features

- Baked Enamel Finish
- Brass or Nickel Trim
- Stamped Steel Body and Chassis
- Metal Wheels and Axles
- Operating Metal Latch Couplers
- Overhead Interior Lighting
- Set Measures: 42" x 2 7/16" x 3 3/16"
- Operates On O-31 Curves



NEW! Red/Maroon - #1616 3-Car Passenger Set
10-8048 \$399.95



NEW! Blue/Silver - #1616 3-Car Passenger Set
10-8047 \$399.95

In the late 1920's the Ives Corporation declared bankruptcy and found itself taken over by its two major competitors. By the early 1930's, only one of the takeover firms remained in control of the Ives tooling and had begun incorporating Ives products into its own product lineup. These were known as the "transition" years and lasted until 1934, when the Ives name ceased to appear on tinplate cars and locomotives.

One of the most famous and collectible of the transition era trains was the 1694 Electric locomotive of 1932. This 4-4-4 locomotive headed up a 3-car 1616 passenger consist from original Ives molds. Sporting a beige cab and maroon roof and chassis, the locomotive and cars were never produced again. In fact, the original matching production run of cars, which included the 1695, 1696, and 1697 cars, was limited to just 2,600 sets. Released during the height of the Great Depression, the cars and engines didn't sell well, and according to Greenberg's Peter Riddle, were eventually sold as close-out sets in Canada, Great Britain, and other foreign markets.

Now for the first time since a non-powered reproduction was released in the early 1970s, tinplate O-Gauge fans have a chance to obtain one of the rarest trains ever produced, with our all-new Tinplate Traditions Ives 1694 Set. Outfitted with Proto-Sound® 2.0, these locomotives and their matching cars will quickly become the pride of any tinplate collection, thanks to their flawless fit and finish and unique operating features.

Available in the classic beige and maroon scheme or two optional schemes designed to match earlier 1616 original passenger car releases. M.T.H. is proud to resurrect the Ives Nameplate ensuring the Tinplate Traditions 1694 will become one of our most popular reproductions.

#256 O-Gauge Electric



NEW!



Orange - #256 O-Gauge Electric
10-3025-1 w/Proto-Sound® 2.0 \$449.95

NEW!



State Green - #256 O-Gauge Electric
10-3027-1 w/Proto-Sound® 2.0 \$449.95

NEW!



Blue - #256 O-Gauge Electric
10-3028-1 w/Proto-Sound® 2.0 \$449.95

NEW!



Red - #256 O-Gauge Electric
10-3026-1 w/Proto-Sound® 2.0 \$449.95

EQUIPPED WITH TWO MOTORS!



Orange - 3-Car O-Gauge 710 Series Passenger Set
10-8042 \$399.95

NEW!

Add Matching Passenger Cars!

FEATURES

Locomotive Features

- Directionally Controlled Headlights
- Stamped Steel Body and Chassis
- Baked Enamel Finish
- Brass or Nickel Trim
- Metal Wheels, Axles and Gears
- Operating Metal Latch Couplers
- Metal Handrails
- 2 Precision Flywheel-Equipped Motors
- Locomotive Speed Control
- Proto-Sound® 2.0 With The Digital Command System Featuring: Passenger Station Proto-Effects™
- Unit Measures: 10 1/4" x 2 11/16" x 4 5/16"
- Operates On O-31 Curves

Passenger Set Features

- Metal Wheels and Axles
- Overhead Interior Lighting
- Colorful, Attractive Paint Schemes
- Baked Enamel Finish
- Stamped Steel Body and Chassis
- Operating Latch Couplers
- Brass Trim
- Set Measures: 39 15/32" x 2 11/16" x 4 3/8"
- Operates On O-31 Curves

NEW!



State Green - 3-Car O-Gauge 710 Series Passenger Set
10-8044 \$399.95

NEW!



Blue - 3-Car O-Gauge 710 Series Passenger Set
10-8045 \$399.95

NEW!



Red/Black - 3-Car O-Gauge 710 Series Passenger Set
10-8043 \$399.95

The No. 256 was the largest O-Gauge electric produced during the pre-war era and the only O-Gauge locomotive of that time to include two motors. In fact, not until the die-cast GG-1 electric appeared in 1950 was another O-Gauge engine equipped with two motors.

The development of the 256 in 1924 was a response to the success of the Ives Corporation's wide-gauge products. The inclusion of "twin" motors was a gimmick that was, however, overshadowed by Ives' development of the first automatic reversing unit that same year. Nonetheless, the 256 proved resilient and remained a popular toy train until its last year in 1930. During its heyday, the locomotive came equipped with both spoked and solid disc wheels, but appeared only in orange livery.

Making its introduction to the Tinplate Traditions lineup, our No. 256 Electric sports the same details as the original and a fit and finish that perhaps eclipses that of its predecessor. In addition, the locomotive is equipped with two precision flywheel-equipped motors and comes outfitted with the fun and excitement of Proto-Sound® 2.0.

Unlike the original, the Tinplate Traditions No. 256 will be available in additional colors to complement matching 710 series passenger cars.



260E O-Gauge Steam Freight Train Set

Like its larger standard gauge cousins, this O-Gauge New York Central steam set embodies the gleaming sheet metal beauty of the tinplate era. The original 260E locomotive, introduced by Lionel® in 1936, represented the last hurrah of tinplate. Within a few years, most toy trains would be far more realistic — if less charming — plastic and die-cast models of real-life trains.

While it harks back to the decades before World War II, this tinplate freight set runs on the same O gauge RealTrax as every RailKing model. And while its exterior is pure 1930s, thanks to Proto-Sound® 2.0 electronics our 260E steamer delivers smoother operation than any original tinplate locomotive, as well as huge plumes of puffing smoke — timed to the driver's revolutions — and a clanging bell and wailing whistle guaranteed to delight children of all ages. Our replica of the 260E is outfitted with an all-new "Latch-Type" Proto-Coupler™ that can be remotely activated by the transformer to uncouple from its trailing three freight cars, each decorated with bright metal trim and colorful baked enamel paint. Most importantly, our improved drive train provides more power, allowing even more cars to be added to your set.

New York Central - 260E O-Gauge Steam Freight Train Set
10-3021-1 w/Proto-Sound® 2.0 \$599.95



FEATURES

Set Includes

- All-Metal Steam Locomotive
- 3-Car Freight Consist
- RailWare™ Interactive DVD With Track Layout Software
- 31" x 51" 12-Piece RealTrax® Oval
- Z-1000™ Transformer With Controller
- Lighted Track Lock-On

Locomotive Features

- Die-Cast Chassis
- Stamped Metal Boiler & Tender
- Flywheel-Equipped Motor
- Locomotive Speed Control
- Electronic Reverse Unit
- Remotely Operating Latch-Type Proto-Coupler™
- Operating Headlight
- Synchronized Puffing ProtoSmoke™ Unit
- All-Metal Wheels and Gears
- Proto-Sound® 2.0 Sound System Featuring Freight Yard Proto-Effects™
- Locomotive Measures: 21 1/2" x 3 3/8" x 4"

Freight Car Features

- Stamped Steel Bodies
- All-Metal 4-Wheel Trucks
- Operating Metal Latch Couplers
- Colorful, Attractive Paint Schemes
- Metal Wheels and Axles
- Sliding Box Car Doors
- Freight Cars Measure: 10 1/4" x 2 5/8" x 3 7/8"

Expand Your Set!
See Pages 18-21



Christmas No. 384 Steam Passenger Set

In many respects, the No. 384 is the quintessential standard gauge steamer owned by thousands of boys in the early twentieth century: wildly oversized drivers, bright brass or nickel trim, colorful, gleaming paint, and a cast iron frame topped by a sheet metal boiler and cab. Our Tinplate Traditions 384 Christmas set replicates the starter sets that gladdened the heart of many a child on a holiday or birthday in the early 1930s — with one exception.

Thanks to Proto-Sound® 2.0 electronics, our 384 steamer delivers smoother operation than any original standard gauge locomotive, as well as huge plumes of puffing smoke — timed to the driver's revolutions — and a clanging bell and wailing whistle guaranteed to delight children of all ages. Our replica of the 384 is trailed by two passenger cars decorated with bright metal trim and colorful baked enamel paint.

Christmas - No. 384 Standard Gauge Steam Passenger Set
10-1250-1 w/Proto-Sound® 2.0 \$599.95



FEATURES

Set Includes

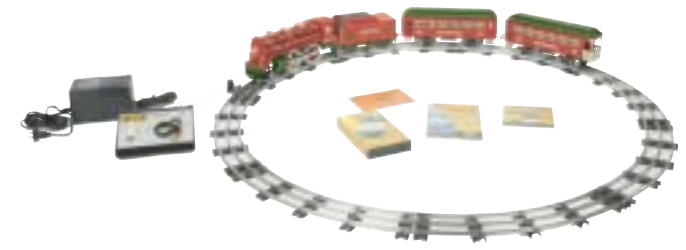
- (8) STD 42" Curve Sections
- Lighted Track Lock-On
- Wire Harness
- No. 384 Steam Locomotive
- (2) 300 Series Passenger Cars
- Z-1000™ Transformer With Controller
- RailWare™ Interactive DVD With Track Layout Software

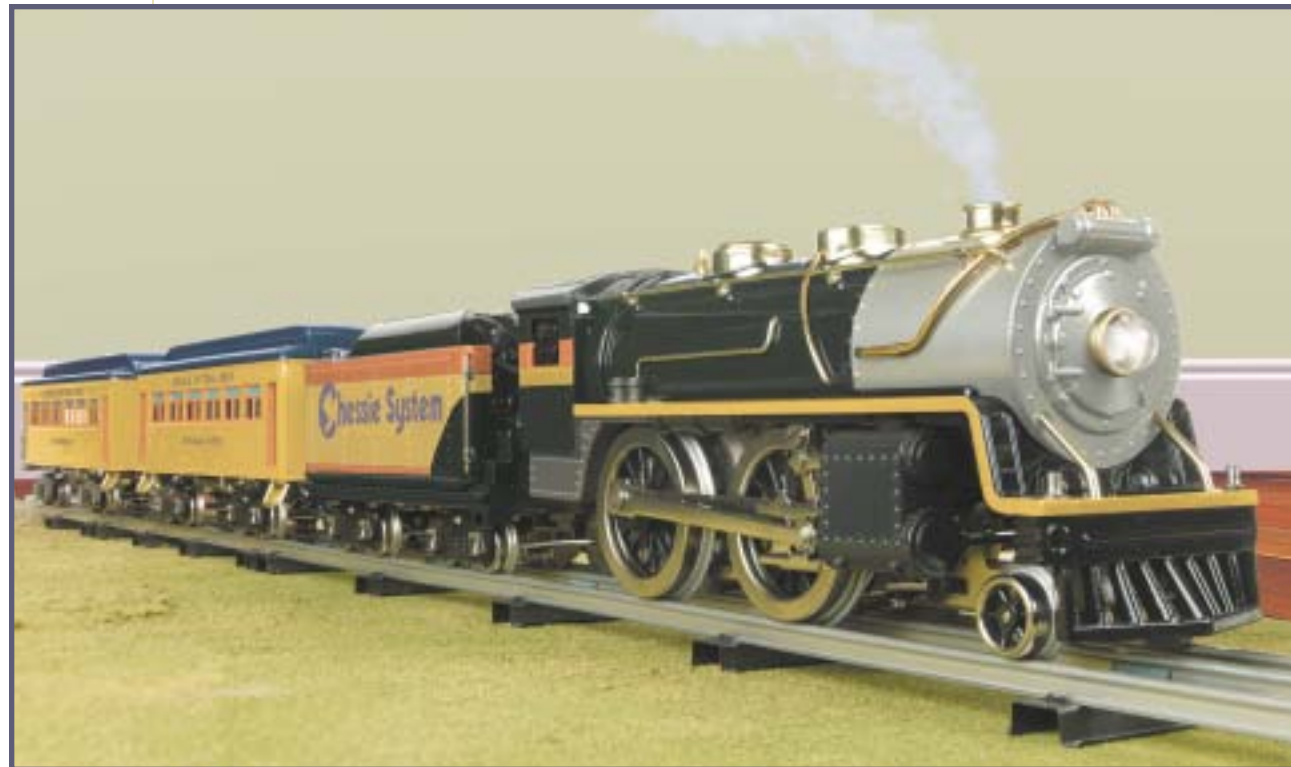
Locomotive Features

- Die-Cast Metal Chassis
- Baked Enamel Finish
- Operating Metal Latch Couplers
- Metal Wheels, Gears and Axles
- Stamped Steel Body
- Locomotive Speed Control
- Synchronized Puffing ProtoSmoke™ Unit
- Operating Headlight
- Locomotive Measures: 22 3/4" x 3 5/8" x 5"
- Locomotive Equipped With Proto-Sound® 2.0 Featuring Passenger Station Proto-Effects™

Passenger Set Features

- Baked Enamel Finish
- Operating Metal Latch Couplers
- Metal Wheels and Axles
- Stamped Steel Body
- Cars Measure: 14 1/2" x 3 1/8" x 4 3/4"





Chessie No. 384 Steam Passenger Set

In many respects, the No. 384 is the quintessential toy steamer owned by thousands of boys in the early twentieth century: wildly oversized drivers, bright brass or nickel trim, colorful, gleaming paint, and a cast iron frame topped by a sheet metal boiler and cab. Our Tinplate Traditions 384 Chessie Set replicates the starter sets that gladdened the heart of many a child in the early decades of the 20th century. The bright colors of this set, however, are inspired by the Chessie Steam Specials run for railfans in the late 1970s.

Thanks to Proto-Sound® 2.0 electronics, our 384 steamer delivers smoother operation than any original Standard Gauge locomotive, as well as huge plumes of puffing smoke — timed to the driver's revolutions — and a clanging bell and wailing whistle guaranteed to delight children of all ages. Our replica of the 384 is trailed by two passenger cars decorated with bright metal trim and colorful baked enamel paint.

Chessie - No. 384 Standard Gauge Steam Passenger Set
10-1236-1 w/Proto-Sound® 2.0 \$599.95



FEATURES

Set Includes

- (8) STD 42" Curve Sections
- Lighted Track Lock-On
- Wire Harness
- No. 384 Steam Locomotive
- (2) 300 Series Passenger Cars
- Z-1000™ Transformer With Controller
- RailWare™ Interactive DVD With Track Layout Software

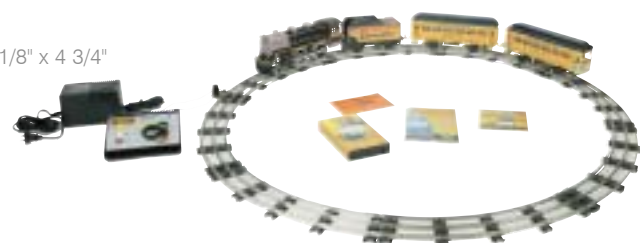
Locomotive Features

- Die-Cast Metal Chassis
- Baked Enamel Finish
- Operating Metal Latch Couplers
- Metal Wheels, Gears and Axles
- Stamped Steel Body
- Locomotive Speed Control
- Synchronized Puffing ProtoSmoke™ Unit
- Operating Headlight
- Locomotive Measures: 22 3/4" x 3 5/8" x 5"
- Locomotive Equipped With Proto-Sound® 2.0 Featuring Passenger Station Proto-Effects™

Passenger Set Features

- Baked Enamel Finish
- Operating Metal Latch Couplers
- Metal Wheels and Axles
- Stamped Steel Bodies
- Cars Measure: 14 1/2" x 3 1/8" x 4 3/4"

Expand Your Set!
See Page 16



Jersey Central No. 384 Steam Passenger Set

Standard gauge steam engines like the 384 were not so much scale models of real locomotives, but cartoon-like caricatures: wildly oversized drivers, bright brass or nickel trim, colorful, gleaming paint, and a cast iron frame topped by a sheet metal boiler and cab. Our Tinplate Traditions Jersey Central set replicates the magic of the tinplate trains that gladdened the heart of many a child in the early decades of the 20th century.

The bright colors of this set are inspired by Jersey Central name trains like the Blue Comet, which sped vacationers along the New Jersey shoreline in the early 20th century. Thanks to Proto-Sound® 2.0 electronics, our 384 steamer delivers smoother operation than any original Standard Gauge locomotive, as well as huge plumes of puffing smoke — timed to the driver's revolutions — and a clanging bell and wailing whistle guaranteed to delight children of all ages. Our replica of the 384 is trailed by two passenger cars decorated with bright metal trim and colorful baked enamel paint.

Jersey Central - No. 384 Steam Passenger Set
10-1251-1 w/Proto-Sound® 2.0 \$599.95



Expand Your Set!
See Page 16

FEATURES

Set Includes

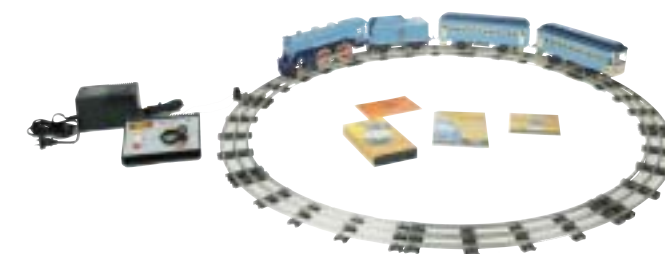
- (8) STD 42" Curve Sections
- Lighted Track Lock-On
- Wire Harness
- No. 384 Steam Locomotive
- (2) 300 Series Passenger Cars
- Z-1000™ Transformer With Controller
- RailWare™ Interactive DVD With Track Layout Software

Locomotive Features

- Die-Cast Metal Chassis
- Baked Enamel Finish
- Operating Metal Latch Couplers
- Metal Wheels, Gears and Axles
- Stamped Steel Body
- Locomotive Speed Control
- Synchronized Puffing ProtoSmoke™ Unit
- Operating Headlight
- Locomotive Measures: 22 3/4" x 3 5/8" x 5"
- Locomotive Equipped With Proto-Sound® 2.0 Featuring Passenger Station Proto-Effects™

Passenger Set Features

- Baked Enamel Finish
- Operating Metal Latch Couplers
- Metal Wheels and Axles
- Stamped Steel Body
- Cars Measure: 14 1/2" x 3 1/8" x 4 3/4"



200 Series Standard Gauge Rolling Stock

M.T.H. is proud to introduce a new generation of tinplate enthusiasts to the classic looks of Standard Gauge freight cars, in both the 200 Series -- the largest of the Standard Gauge models -- and the smaller 500 series. Regardless of choice, each series features cars constructed with heavy stamped metal bodies and chassis and a profusion of brightly plated metal details. All cars include black or silver oxide finished trucks, nickel or brass truck journal boxes, and latch couplers for that authentic look and feel of yesteryear.

Equally at home behind M.T.H. or any other manufacturer's Standard Gauge locomotives, these stunningly attractive cars will add color and variety to any Standard Gauge layout or Christmas Garden.



New Haven - 200 Series Std. Gauge Box Car
10-2166 \$129.95



Baltimore & Ohio - 200 Series Std. Gauge Box Car
10-2165 \$129.95



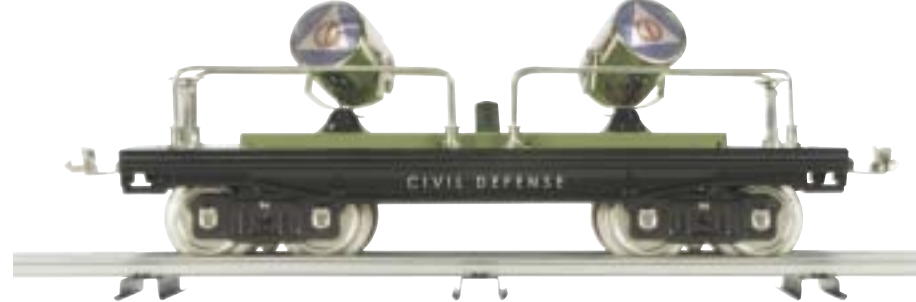
Black w/Brass - 200 Series Std. Gauge Flat Car w/ 1941 Fire Truck
10-2167 \$149.95



Red w/Nickel - 200 Series Std. Gauge Flat Car w/ 1941 Fire Truck
10-2168 \$149.95



Harley-Davidson® - 200 Series Std. Gauge Searchlight Car
10-2163 \$139.95



Civil Defense - 200 Series Std. Gauge Searchlight Car
10-2164 \$139.95



Railway Express Agency - 200 Series Std. Gauge Reefer Car
10-2169 \$129.95



Union Line Pennsylvania - 200 Series Std. Gauge Reefer Car
10-2170 \$129.95



Harley-Davidson® - 200 Series Std. Gauge Tank Car
10-2161 \$139.95



Budweiser - 200 Series Std. Gauge Tank Car
10-2162 \$139.95



FEATURES

- Stamped Steel Body and Chassis
- Metal Wheels and Axles
- Operating Metal Latch Couplers
- Baked Enamel Finish
- Colorful, Attractive Paint Schemes
- Unit Measures: 14" x 4" x 5 1/4"
- Operates On STD-42 Curves



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7020 Columbia Gateway Drive, Columbia, MD 21046

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500 Series Standard Gauge Rolling Stock



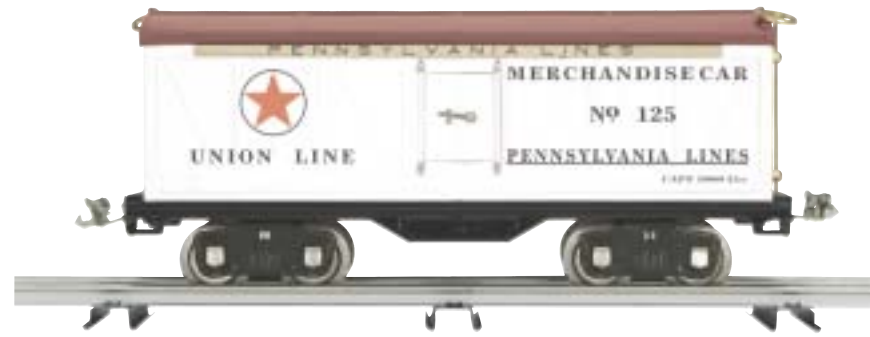
Jersey Central - 500 Series Std. Gauge Flood Light Car
10-2175 \$129.95



Chessie - 500 Series Std. Gauge Flood Light Car
10-2176 \$129.95



Evansville Packing Co. - 500 Series Std. Gauge Reefer Car
10-2172 \$99.95



Pennsylvania - 500 Series Std. Gauge Reefer Car
10-2171 \$99.95



Santa Fe - 500 Series Std. Gauge Box Car
10-2174 \$99.95



Jersey Central - 500 Series Std. Gauge Box Car
10-2173 \$99.95

FEATURES

- Stamped Steel Body and Chassis
- Metal Wheels and Axles
- Operating Metal Latch Couplers
- Baked Enamel Finish
- Colorful, Attractive Paint Schemes
- Nickel or Brass Trim
- Reefer Measures: 14 3/4" x 3 7/8" x 4 7/8"
- Box Car Measures: 14 3/4" x 3 7/8" x 4 7/8"
- Flood Light Car Measures: 15" x 3 7/8" x 4 7/8"
- Operates On STD-42 Curves

Standard Gauge Blue Comet Baggage Cars



2005 marked the first time we added a never-before-produced-in-Standard-Gauge addition to the Blue Comet series of passenger cars: this all-new full-sized baggage car. Two-toned blue livery owners of the original or any of our previous reproductions of the Blue Comet passenger set will surely want to add this attractive new car to their consists.

Regardless of choice, each passenger car type is constructed from heavy stamped metal bodies and chassis with a profusion of brightly plated metal details. All cars include black finished trucks, nickel or brass truck journal boxes, and latch couplers for that authentic look and feel of yesteryear.

Equally at home behind M.T.H. or any other manufacturer's standard gauge locomotives, these stunningly attractive cars will add color and variety to any standard gauge layout or Christmas Garden.

FEATURES

- Baked Enamel Finish
- Nickel or Brass Trim
- Stamped Steel Body and Chassis
- Metal Wheels and Axles
- Operating Metal Latch Couplers
- Overhead Interior Lighting
- Unit Measures: 21" x 7" x 4"
- Operates On STD-42 Curves



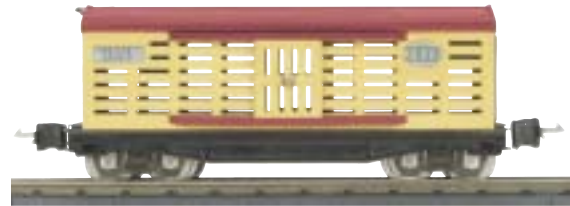
Two-Tone Blue w/Brass Trim - Std. Gauge Blue Comet Baggage Car
10-5157 \$399.95



Two-Tone Blue w/Nickel Trim - Std. Gauge Blue Comet Baggage Car
10-5158 \$399.95

2800 Series O Gauge Rolling Stock

MTH is proud to reintroduce a new generation of O Gauge tinplate lovers to the classic looks of the 2800 series freight cars. Introduced in 1926 as the 800 series, these popular cars became the 2800 series with the addition of automatic box couplers. Like their Standard Gauge Tinplate Traditions brethren, the 2800 series cars are constructed entirely of stamped metal components. Each car features black oxide finished trucks, brightly plated truck journal boxes, and box couplers for that authentic look and feel of yesteryear. Equally at home behind the MTH 260E, 263E, or any other large O Gauge locomotive, these stunningly attractive freight cars add color and variety to any layout or Christmas Garden.



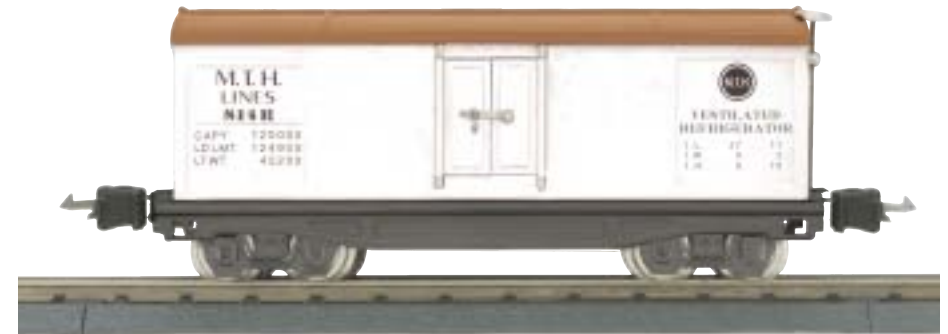
Cream & Maroon w/Nickel - 2800 Series O Gauge Cattle Car
10-8036 \$79.95



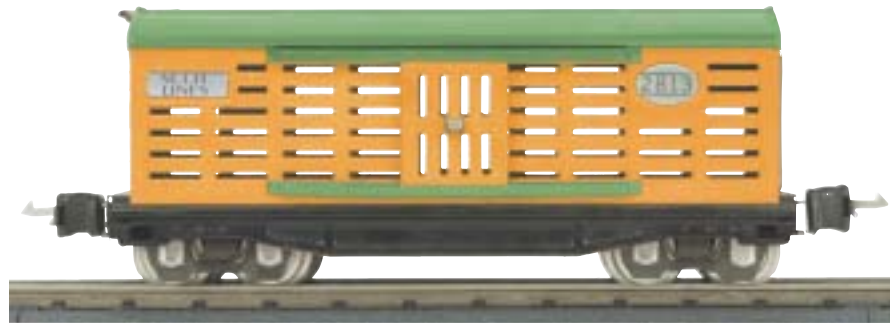
Brown - 2800 Series O Gauge Cattle Car
10-8049 \$79.95



Ivory/Peacock - 2800 Series O Gauge Reefer Car
10-8024 \$79.95



White & Brown - 2800 Series O Gauge Reefer Car
10-8025 \$79.95



Orange & Green w/ Brass - 2800 Series O Gauge Cattle Car
10-8037 \$79.95



Green & Black with Nickel - 2800 Series O Gauge Searchlight Car
10-8050 \$89.95



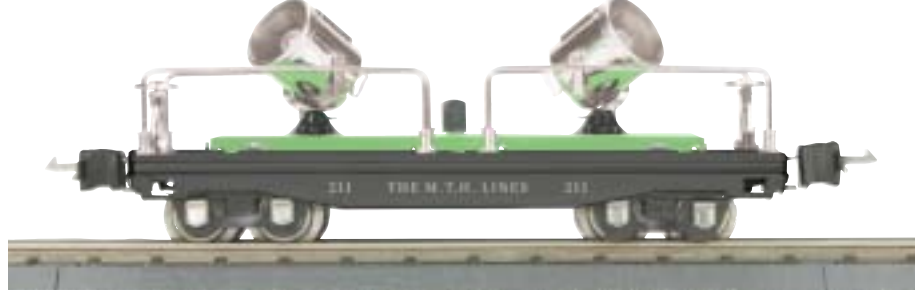
Jersey Central - 2800 Series O Gauge Reefer Car
10-8051 \$79.95



Ivory/Peacock - 2800 Series O Gauge Reefer Car
10-8052 \$79.95



Terra Cotta & Black w/Brass - 2800 Series O Gauge Searchlight Car
10-8031 \$89.95



Bright Green & Black with Nickel - 2800 Series O Gauge Searchlight Car
10-8030 \$89.95



FEATURES

- Baked Enamel Finish
- Brass or Nickel Trim
- Stamped Steel Body and Chassis
- Metal Wheels and Axles
- Automatic Metal Box Couplers
- Each Car Measures:
10 1/4" x 2 5/8" x 3 7/8"
- Operates On O-31 Curves

2800 Series O Gauge Rolling Stock



Red w/Brass - 2800 Series O Gauge Hopper Car
10-8033 \$79.95



Pennsylvania - 2800 Series O Gauge Hopper Car
10-8032 \$79.95



FEATURES

- Baked Enamel Finish
- Nickel Trim
- Stamped Steel Body and Chassis
- Metal Wheels and Axles
- Automatic Metal Box Couplers
- Tank Car Measures: 10 1/4" x 2 5/8" x 3 9/16"
- Hopper Car Measures: 10 1/4" x 2 5/8" x 3 9/16"
- Operates On O-31 Curves

Operating
Hopper
Doors



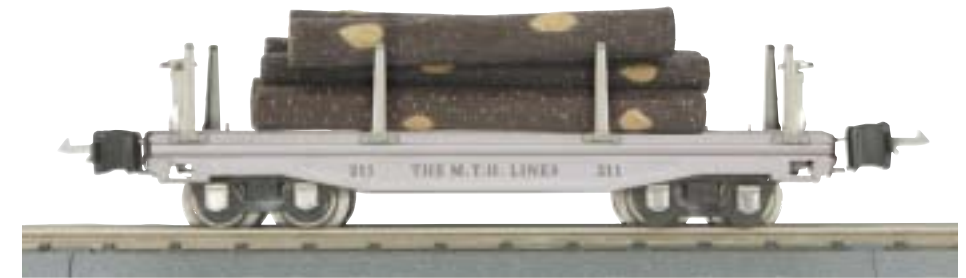
Hooker Chemicals - 2800 Series O Gauge Tank Car
10-8034 \$79.95



Tidewater Oil - 2800 Series O Gauge Tank Car
10-8035 \$79.95



New York Central - 2800 Series O Gauge Flat Car w/Fire Truck
10-8028 \$99.95



Silver w/Nickel - 2800 Series O Gauge Flat Car w/Log Load
10-8029 \$79.95



Baltimore & Ohio - 2800 Series O Gauge Box Car
10-8026 \$79.95



State of Maine - 2800 Series O Gauge Box Car
10-8027 \$79.95



FEATURES

- Baked Enamel Finish
- Brass or Nickel Trim
- Stamped Steel Body and Chassis
- Metal Wheels and Axles
- Automatic Metal Box Couplers
- Each Car Measures: 10 1/4" x 2 5/8" x 3 9/16"
- Operates On O-31 Curves

Stephen Girard Passenger Sets

One of the most attractive and sought-after Standard Gauge passenger sets ever produced, the Stephen Girard 4-car set is a perfect complement for the Tinplate Traditions 392E steam locomotive.

Each car features all-metal construction and a bright, baked enamel finish color-matched to complement its matching locomotive. In addition, each car features overhead interior lighting, removable roof and manually operated latch couplers.



Two-Tone Green/Nickel - 4-Car Stephen Girard Set (Complements 10-1252 on page 5)
10-5062 \$699.95

Two-Tone Green/Brass - 4-Car Stephen Girard Set (Complements 10-1254 on page 5)
10-5061 \$699.95



Texas & Pacific - 4-Car Stephen Girard Set
10-5063 \$699.95



Lehigh Valley - 4-Car Stephen Girard Set
10-5065 \$699.95



Florida East Coast - 4-Car Stephen Girard Set
10-5064 \$699.95



Pennsylvania - 4-Car Stephen Girard Set
10-5066 \$699.95



FEATURES

- Baked Enamel Finish
- Brass or Nickel Trim
- Stamped Steel Body and Chassis
- Metal Wheels and Axles
- Operating Metal Latch Couplers
- Overhead Interior Lighting
- Unit Measures: 74" x 5 1/2" x 4"
- Operates On STD-42 Curves

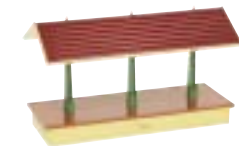
Accessories



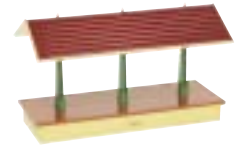
192 Villa Set
10-4059 \$199.95
Unit Measures: 7" x 5" x 5 1/4"



Ives #1868 Villa
10-4060 \$69.95
Unit Measures: 5 1/2" x 5" x 5 1/2"



Cream/Maroon - #155 Freight Shed
10-1057 \$299.95
Unit Measures: 18" x 6 1/2" x 11"



Cream/Maroon - #1875 Ives Freight Shed
10-4051 \$299.95
Unit Measures: 18" x 6 1/2" x 11"



White/Red - #155 Freight Shed
10-4048 \$299.95
Unit Measures: 18" x 6 1/2" x 11"



Mojave/Cream/Green - #436 Powerhouse
10-4050 \$149.95
Unit Measures: 9 1/4" x 7 3/4" x 10 1/2"



Green/Cream - Hellgate Bridge
10-1015 \$499.95
Unit Measures: 21" x 10 7/8" x 11"



White/Red - Hellgate Bridge
10-1016 \$499.95
Unit Measures: 21" x 10 7/8" x 11"



No. 55 Airplane & No. 49 Airport Mat

Red & Silver Airport Set- No. 55 Airplane & No. 49 Airport Mat
10-4017 \$799.95
Unit Measures: 59" x 59" x 30"



FEATURES

- Stamped Metal Construction
- Fully Assembled
- Fully Painted
- Built-In Power Supply
- Colorful Airport Mat
- Lightweight, Self-Powered Airplane
- Flight Controller Joystick
- Unit Measures: 59" x 59" x 30"



White/Red - #116 Passenger Station
10-4057 \$399.95
Unit Measures: 19 1/2" x 9 1/4" x 9"



Cream/Green - #116 Passenger Station
10-4056 \$399.95
Unit Measures: 19 1/2" x 9 1/4" x 9"



Brick/Black - #116 Passenger Station
10-4055 \$399.95
Unit Measures: 19 1/2" x 9 1/4" x 9"



White/Red - #840 Powerhouse w/Operating Smoke Stacks
10-4024 \$499.95
Unit Measures: 26" x 19 1/2" x 18"



Cream/Orange - #840 Powerhouse w/Operating Smoke Stacks
10-4023 \$499.95
Unit Measures: 26" x 19 1/2" x 18"



Pennsylvania - AF Std. Gauge Switch Tower
10-4062 \$299.95
Unit Measures: 11 7/8" x 7 9/16" x 9 1/4"



AF Std. Gauge Switch Tower
10-4053 \$299.95
Unit Measures: 11 7/8" x 7 9/16" x 9 1/4"

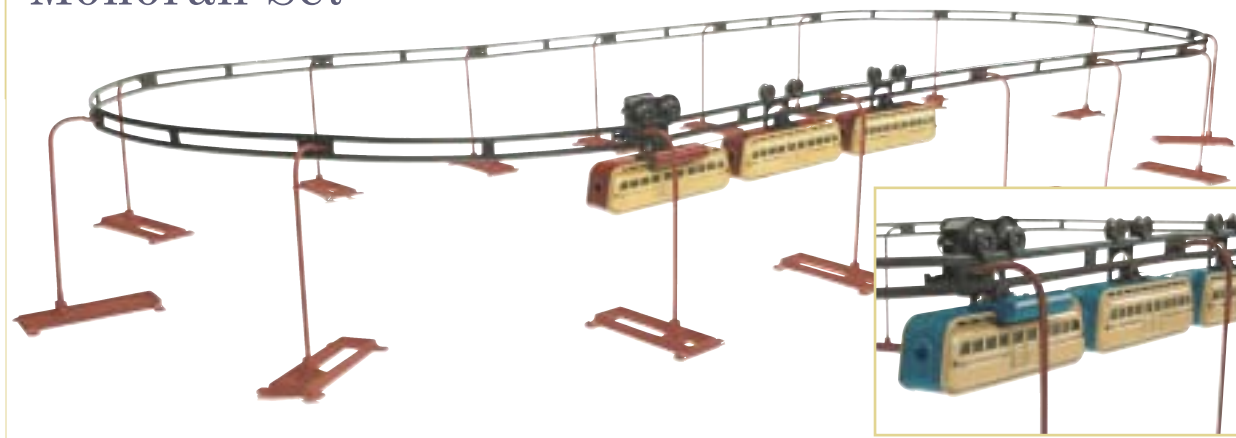


Christmas - AF Std. Gauge Switch Tower
10-4061 \$299.95
Unit Measures: 11 7/8" x 7 9/16" x 9 1/4"



Cream/Orange/Green - AF Std. Gauge Switch Tower
10-4054 \$299.95
Unit Measures: 11 7/8" x 7 9/16" x 9 1/4"

Monorail Set



One of the most unique connections to the tinplate era and U.S. industry can be found in the form of a tinplate toy monorail system that was manufactured in the late 1920s by Leland Detroit, a company headed up by men who helped found Cadillac and Lincoln Motor Company.

That a car manufacturer had a hand in the development of this unique tinplate set is interesting enough. That the manufacturer introduced the world to both Cadillac and Lincoln, two of the most well-known luxury automobile nameplates in the U.S., is even more fascinating.

The original 3-car monorail set operated on 6 to 12 volts AC from any common toy train transformer and featured a single motor that was mounted above the powered car. The other cars were

unpowered, but all shared the same body stamping tools and all utilized bayonet interior bulbs, the first toy trains to do so. Reversing direction was facilitated by a hand reverse lever. The track itself was composed of parallel rail sections attached to wire hangers. Each hanger was inserted into a cast iron red base.

M.T.H.'s Tinplate Traditions Leland Detroit Monorail captures the essence of the original 3-car monorail set and can be purchased in a Traditional version with the hand reverse lever or a Contemporary version fully equipped with Proto-Sound® 2.0. Whichever you choose, the bright shiny colors and durable tinplate construction will bring a long missing touch to any tinplate layout.

Red/Cream - Detroit Monorail Set		
10-1233-1	w/Proto-Sound® 2.0	\$699.95
10-1233-0	Traditional	\$699.95
Blue/Cream - Detroit Monorail Set		
10-1234-1	w/Proto-Sound® 2.0	\$699.95
10-1234-0	Traditional	\$699.95

Monorail Straight Rail 4-Pack	
10-4066	\$39.95
Monorail Curved Rail 4-Pack	
10-4067	\$39.95
Monorail Riser 4-Pack / Base	
10-4068	\$49.95

FEATURES

3-Car Set Features

- (1) Powered Car w/Interior Lighting
- (2) Non-Powered Cars w/Interior Lighting
- (16) Die-Cast Hanger Bases
- (16) Metal Hangers
- (8) Curved Rail Sections
- (8) Straight Rail Sections
- Assembled Monorail Oval Measures: 52" x 118"

Powered Car Features

- Stamped Metal Body Construction
- Overhead Motor
- Fully Assembled
- Fully Painted
- Lighted Interior
- Available In Traditional or Contemporary Versions
- Traditional Version Features Hand Reverse Lever
- Contemporary Version Features Proto-Sound® 2.0 w/Passenger Station Proto-Effects™
- Powered Car Measures: 8 1/4" x 2 1/4" x 5 1/4"

Non-Powered Cars Feature

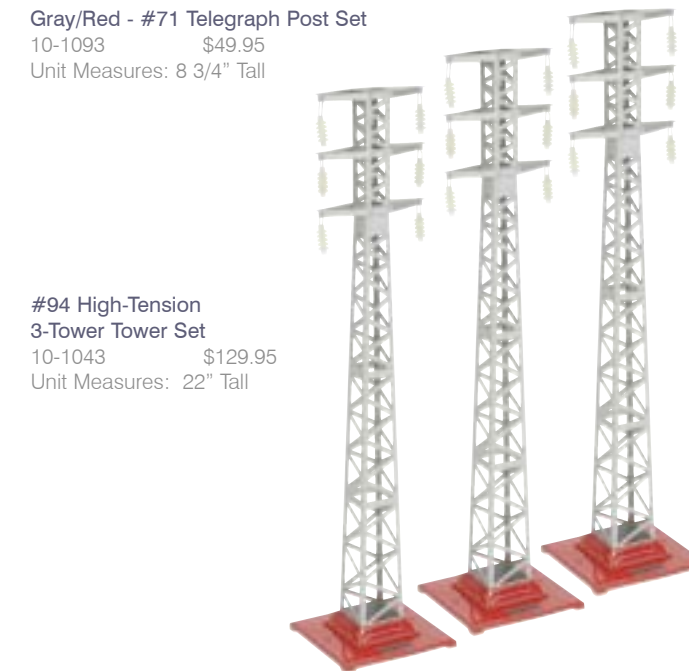
- Stamped Metal Body Construction
- Fully Assembled
- Fully Painted
- Lighted Interior
- Each Car Measures: 8 1/4" x 2 1/4" x 5 1/4"



Gray/Red - #71 Telegraph Post Set
10-1093 \$49.95
Unit Measures: 8 3/4" Tall



Aluminum - #63 Lamp Post Set
10-1108 \$39.95
Unit Measures: 13 3/4" Tall



#94 High-Tension 3-Tower Set
10-1043 \$129.95
Unit Measures: 22" Tall



Small Oil Drum Set (Undecorated)
10-4019 \$19.95



Red w/Nickel Trim - #439 Knife Switch Panel
10-4042 \$69.95
Unit Measures: 7" x 3 1/4" x 8 1/2"

Crackle Red w/Brass Trim - #440c Control Panel
10-4041 \$69.95
Unit Measures: 7" x 3 1/4" x 8 1/2"

Red w/Nickel Trim - #440c Control Panel
10-4040 \$69.95
Unit Measures: 7" x 3 1/4" x 8 1/2"

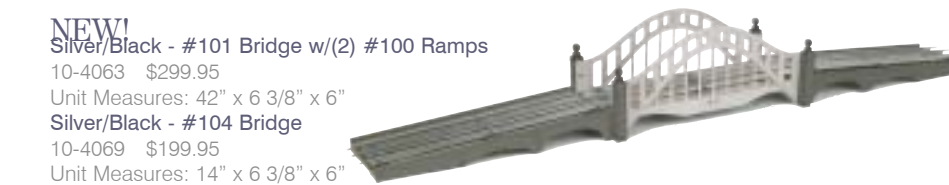


Terra Cotta-Gray-Brass - #440 Signal Bridge & Control Panel
10-4039 \$299.95
Unit Measures: 20 1/2" x 5" x 14 1/2"



NEW!

White/Nickel - #101 Bridge w/(2) #100 Ramps
10-4065 \$299.95
Unit Measures: 42" x 6 3/8" x 6"
White/Nickel - #104 Bridge
10-4071 \$199.95
Unit Measures: 14" x 6 3/8" x 6"



NEW!

Silver/Black - #101 Bridge w/(2) #100 Ramps
10-4063 \$299.95
Unit Measures: 42" x 6 3/8" x 6"
Silver/Black - #104 Bridge
10-4069 \$199.95
Unit Measures: 14" x 6 3/8" x 6"



NEW!

Green/Cream - #101 Bridge w/(2) #100 Ramps
10-4064 \$299.95
Unit Measures: 42" x 6 3/8" x 6"

Green/Cream - #104 Bridge
10-4070 \$199.95
Unit Measures: 14" x 6 3/8" x 6"

No. 85 Race Car Set

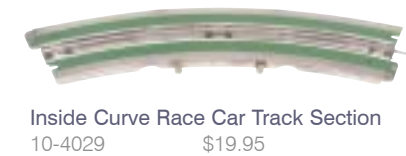


Even model train manufacturers recognized that not all travelers got to their destinations by rail. Consequently, several "transportation toys" debuted early in the history of model railroading and were marketed to tinplate model railroaders as accessories for their layouts.

The No. 85 Race Car Set of 1912 - 1916 was the forerunner of the slot car era of the 1960s. Two tinplate racing cars, featuring rubber tires and cast driver and mechanic figures, sped around a two-lane oval. Powered by a standard AC transformer, the cars would zip around the track with pickups sparking and motors whining.

The No. 85 set returns to life in the Tinplate Traditions line and can be expanded with additional straight and curved sections of track. This limited-run item is a must for any collector looking to recreate the full range of tinplate products offered in the early years of the last century.

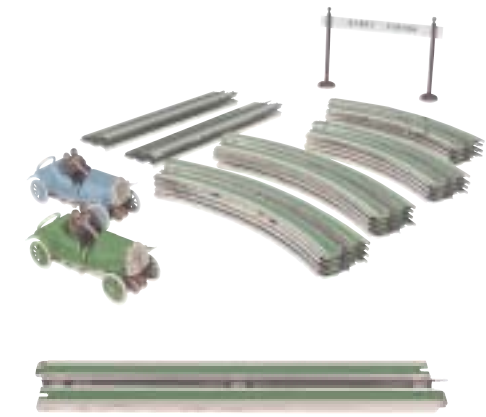
Blue/Green - No. 85 Race Car Set	
10-4058	\$699.95
Red/Orange - No. 85 Race Car Set	
10-4027	\$699.95
Inner Loop Measures: 36 1/4" x 50"	
Outer Loop Measures: 43 1/2" x 57 3/4"	



Inside Curve Race Car Track Section
10-4029 \$19.95



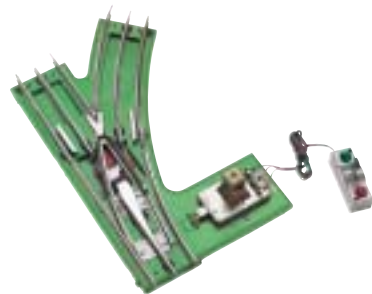
Outside Curve Race Car Track Section
10-4030 \$19.95



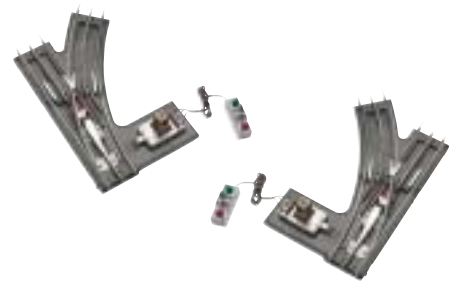
Straight Race Car Track Section
10-4028 \$19.95

Track

Standard Gauge model railroad fans can find the classic look and style of tinplate track and switches only in our Tinplate Traditions™ lineup. Best of all, M.T.H.'s track and switches are sure to be found far superior to those hard-to-find originals. Each switch is equipped with a realistic lighted switch block lantern and state-of-the-art switch motor and switch controller, which ensure it will function flawlessly for years to come. Available in both regular 42" radius and wide 72" radius versions, each track section and switch is fully compatible with all Standard Gauge track and has features that give the Standard Gauge modeler incredible layout diversity.

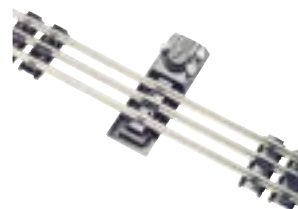


- Std. Gauge Switch - Right Hand 42
10-4001 \$79.95
- Std. Gauge Switch - Left Hand 42
10-4002 \$79.95
- Std. Gauge Switch (Wide Radius) - Right Hand 72
10-4003 \$89.95
- Std. Gauge Switch (Wide Radius) - Left Hand 72
10-4004 \$89.95



- Std. Gauge Switch - Left Hand 42 (Black Base)
10-4102 \$79.95
- Std. Gauge Switch - Right Hand 42 (Black Base)
10-4101 \$79.95

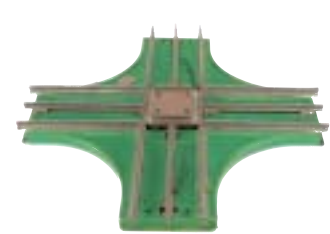
Track Accessories



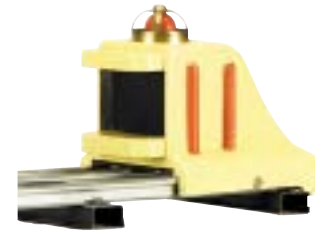
Track Activation Device (TAD)
10-1037 \$9.95



O/Std. Gauge Lighted Lockon
10-1021 \$4.99



Std. Gauge 90* Crossover
10-4006 \$49.95



Std. Gauge Track Bumpers
10-4005 \$49.95



Std. Gauge Track - 1/2 Reg. Straight
10-1034 \$2.99



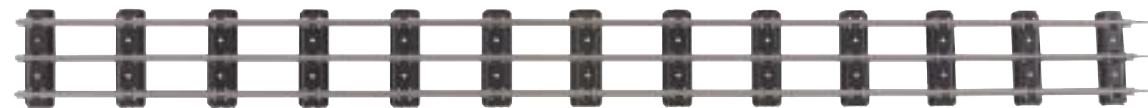
Std. Gauge Track - Reg. Straight
10-1038 \$3.99



Std. Gauge Track - Straight w/Extra Ties
10-1040 \$4.49



Std. Gauge Track - 36" Reg. Straight
10-1036 \$6.99



Std. Gauge Track - 36" Extra Ties Straight
10-1045 \$7.99



Std. Gauge Track - 42 Reg. 1/2 Curved
10-1035 \$2.99



Std. Gauge Track - 42 Reg. Curved
10-1039 \$3.99



Std. Gauge Track - 72 Wide Radius Curve
10-1041 \$4.49



Std. Gauge Track - 84" Dia. Curved
10-4020 \$4.99

Transformers



WHY THE U.L. LISTING?

M.T.H. Electric Trains is committed to manufacturing safe, U.L. approved transformers and power supplies. By subjecting our transformers to the strenuous tests and requirements of the U.L. laboratories, M.T.H. helps ensure that these 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 U.L. listing.



400 Watts!
The Most Powerful U.L. Listed Transformer!

Z-4000 Transformer
40-4000 \$429.95



Z-1000 Transformer
40-1000 \$99.95
With 14 Volt Accessory Port



Remote Control Receiver
40-4002 \$39.95

Allows for remote control of the voltage output of your Z-4000 transformer using the DCS Handheld.

While the power pack that comes with every RailKing Ready-To-Run set provides plenty of power to operate your set & several additional cars, you'll find as you add more track, cars, & accessories to your layout that you need more power to keep everything running. Fortunately, RailKing has you covered.

If you want to power up gradually, you can purchase additional 50-watt Z-500™, 75-watt Z-750™ or 100 watt Z-1000™ transformers as the need arises. Featuring a U.L. approved design, each model utilizes a separate controller which contains bell, horn & direction buttons that can control any manufacturer's locomotives & sound systems including Proto-Sound® equipped steam, diesel & electric locomotives.

If you want to max out your power potential, the 400-watt Z-4000® is the most powerful transformer to receive the UL-listing for the model railroading hobby. The Z-4000® has two separate throttles to let you power two different tracks, & it has two fixed power outputs you can use for operating accessories. A single Z-4000® will power a lot of layout.

Z-4000 FEATURES

- U.L. Listed to U.S. & Canadian Standards
- Pure Sine Wave Power Signal
- (2) 20 Volt Variable Track Outputs
- (1) 14 Volt Fixed Output
- (1) 10 Volt Fixed Output
- Internal Cooling Fan
- On/Off Power Switch
- Power and Overload Indicator Lights
- Compatible As A Power Source For All O Gauge and Standard Gauge AC-Powered Locomotives & Accessories
- Circuit Breaker Protection For Each Output
- Voltage LED Displays
- Amperage LED Displays
- Unit Measures: 8 3/4" x 14 3/4" x 11 1/8"



Simply the Best Way to

There is a new way of controlling model railroads today that you've got to see to believe. It's called DCS™ (for Digital Command System) and it's the most revolutionary product to hit model railroading since locomotives first became equipped with sound!

WIRELESS HANDHELD THROTTLE

Run your whole railroad — locomotives, accessories, everything — from one or more DCS handheld remotes. An LCD screen indicates which engine you're controlling and its current speed, adjustable in one-scale-mile-per-hour increments. Program engines and accessories on the same screen. For nighttime operation, turn on the screen's backlight.

COMMAND CONTROL

Operate up to 99 DCS-equipped engines independently at the same time on the same electrically continuous track — using one or several DCS wireless handheld remotes. When you have guests, give each visitor a DCS handheld and let them control their own engine. Just like the prototype, you can double-head locomotives, add or drop helper engines, or bring a train into the station with a mainline engine and then have a switcher break up the consist.

PROTO-SOUND® 2.0 ENGINE SOUNDS

DCS offers individual control of dozens of sounds built into every M.T.H. locomotive. Rev the diesel motor up manually

before moving your train. Activate auxiliary sounds such as steam letoff and crew conversations. Whistle, bell, and steam chuff or diesel prime mover sounds even have independently adjustable volume control.

TRAIN SOUNDS

Add ambience to your railroad with the variety of train sounds built into Proto-Sound® 2.0. The DCS handheld gives you access to effects such as wheel clickety-clack, coupler opening sounds, and the Doppler effect of a train passing by. DCS also offers one-button activation of the Passenger Station or Freight Yard Proto-Effects™ built into every Proto-Sound® 2.0 locomotive.

SMOKE CONTROL

Adjust the smoke intensity for a steam or diesel engine at any time from the DCS remote.

CONSTANT LIGHTING

Because DCS operates with a constant voltage on the rails (most operators use 18 volts), engine, caboose, and passenger car lights

Run A Railroad

are always on at a constant intensity. No more "lights-out" when a passenger train arrives at a station!

PROGRAMMABLE OPERATION

Record up to 90 minutes of DCS speed, direction, and sound commands as a program that your engines can repeat on demand. Use this feature to run trains automatically on one part of your railroad while you manually control another area.

UPGRADABLE SOFTWARE

Unlike any DCC or any other command system, DCS is designed to be upgradable over the Internet. The latest software can be downloaded to any DCS system ever made, so new features can be added and your investment will not become obsolete.

TMCC® COMPATIBILITY

Add a Lionel® Command Base to your DCS system and you can run engines equipped with TMCC®

(Lionel's TrainMaster® Command Control) side-by-side with DCS engines - all from the DCS handheld controller. If you prefer, you can even use a Lionel CAB-1® handheld to control TMCC engines at the same time you're controlling Proto-Sound engines with the DCS controller.

LISTEN TO YOUR FAVORITE TUNES WITH PROTO-CAST™

DCS is the only command control system that lets you hook up any audio source and play your favorite music right through the train!

BE YOUR OWN DISPATCHER

With DCS's built-in remote microphone, real-time radio dispatch calls are just a button push away.

DCS COMPONENTS



DCS Remote Control System
50-1001 \$299.95



DCS Accessory Interface Unit (AIU)
50-1004 \$99.95



DCS Track Interface Unit (TIU)
50-1003 \$179.95



DCS Remote Control - Handheld Unit
50-1002 \$149.95

Proto-Sound Battery

50-1008 \$9.95

AA NiCad Proto-Sound Battery

50-1024 \$9.95

Proto-Sound 2.0 Battery Charger

50-1019 \$14.95

TIU/TMCC 6' Connector Cable

50-1018 \$19.95

6' Mini-to-Mini Cable

50-1009 \$9.95

TIU/Barrel Jack Adapter Cable

50-1017 \$9.95

24-Port Terminal Block

50-1020 \$29.95

12-Port Terminal Block

50-1014 \$16.95

Video Guide To DCS - DVD

60-1191 \$19.95

Video Guide To DCS - VHS

60-1190 \$19.95

COMMAND CONTROL EXPLAINED

In conventional operation, an AC or DC transformer varies track current 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.

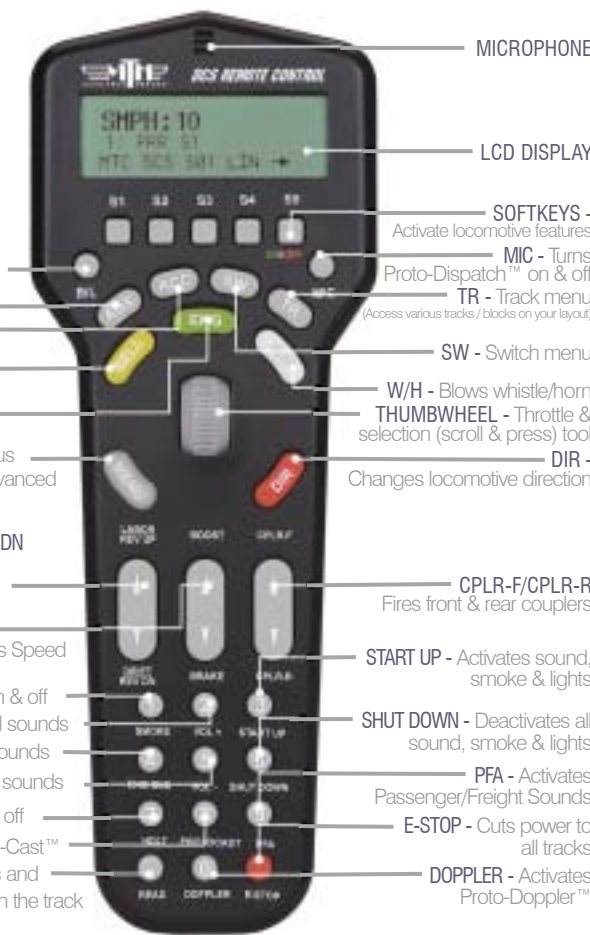
In the DCS system, commands such as speed, direction, and sound control are sent as radio signals from the handheld throttle to a TIU (track interface unit). The TIU translates those radio signals into digital information that is sent through the rails and picked up by a receiver in the appropriate engine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

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

- Go to the engine set up menu
- Choose your engine type
- 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.

*TMCC operation requires a TMCC command base & DCS TIU/TMCC cable

DCS WIRELESS REMOTE HANDHELD



B/L - Screen backlight on/off
 AUX - Auxiliary menu
 ACC - Accessory menu
 BELL - Rings bell
 ENG - Engine menu (to select and control engines)
 MENU - Access 4 main menus Sound, Control, System, Advanced

LABOR/REV UP OR DRIFT/REV DN
 Makes an engine sound like it's working harder or easier

BOOST/BRAKE
 Temporarily Raises or Lowers Speed

SMOKE - Turns smoke unit on & off
 VOL+ - Globally increases all sounds
 ENG SND - Silences engine sounds
 VOL- - Globally decreases all sounds

HDLT - Turns headlights on & off
 PROTOCAST - Activates Proto-Cast™
 READ - Search for TIUs, AIUs and Proto-Sound® 2.0 Engines on the track

MICROPHONE

LCD DISPLAY

SOFTKEYS - Activate locomotive features

MIC - Turns Proto-Dispatch™ on & off

TR - Track menu (Access various tracks / blocks on your layout)

SW - Switch menu

W/H - Blows whistle/horn

THUMBWHEEL - Throttle & selection (scroll & press) tool

DIR - Changes locomotive direction

CPLR-F/CPLR-R
 Fires front & rear couplers

START UP - Activates sound, smoke & lights

SHUT DOWN - Deactivates all sound, smoke & lights

PFA - Activates Passenger/Freight Sounds

E-STOP - Cuts power to all tracks

DOPPLER - Activates Proto-Doppler™

Programming Port - Tether attaches between remote and TIU for programming new software features

Not all products depicted in this catalog are production models. In some cases, the items pictured may be antique originals that have been altered digitally.

All items' 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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RealTrax®, Z-500™, Z-750™, Z-4000®, Z-1000™, Z-4000 Remote Commander™, DCS™ and the MTH Numbering System and all others indicated throughout this catalog.

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 Z-4000 Transformer has received U.S. Patent No's. 6,281,606 & 6,624,537.

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Join the Club

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

Standard Gauge Tinplate Membership 200 Series



10-2156 2006 MTHRC 200 Series Searchlight Car
Tinplate 200 Series Membership is \$120.00

O Gauge Tinplate Membership 2800 Series



10-8022 2006 MTHRC 2800 Series O Gauge Box Car
Tinplate 2800 Series Membership is \$80.00



Basic Club Membership

60-1000 - The Basic Club Membership does not include a club car
Basic Membership is \$25.00

JOIN ONLINE! IT'S EASY - JUST GO TO
www.mthtrains.com

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 Traditions™ or One Gauge) & have the option to collect the other Club cars as well.

The CrossingGate™ Club Magazine



You will receive our full color Club magazines, jam-packed with product news, ideas from other members, rail history, & step-by-step articles explaining how M.T.H. technology can bring your railroad to life.

RailWare™ Software CD-ROM



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® 2.0 train effects, & much more. This CD retails for \$79.95, but is yours FREE as a Club member.

Club Card & Lapel Pin



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

Proto-Sound® 2.0 Upgrade Kits

Club members can save an additional 15% on these kits by visiting the MTHRC web page.

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.

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, keep up with the latest news, & even build your own homepage.

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

Exclusive Releases

Exclusive offers for MTHRC members come up every few months, like the one for this MTHRC 392E steam locomotive. Equipped with Proto-Sound 2.0, this locomotive makes a great head-end for your MTHRC Tinplate Traditions freight cars.



10-1260-1

A Toy Train Story

This comprehensive book is a must for collectors & other lovers of toy trains. 350 pages & 1900 color photos, hard cover. Add this book to your membership for only \$25.00 (50% off the \$49.95 cover price!)



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!



8-How does it work?
Misplaced an instruction manual or just want to know how a product works? Use Advanced Search to look up the item and view its instruction manual.



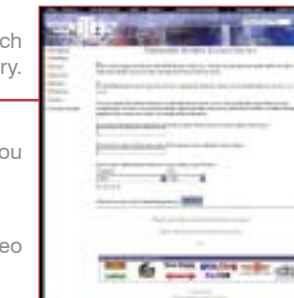
Got Questions? www.mthtrains.com has answers

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 Advanced 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 Advanced Search to search through nearly all of the 10,000 items we've made in the past 26 years, for your favorite road name, engine, or type of rolling stock.
- 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 Advanced 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. 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!



- 7 How can I learn more about DCS?
Follow the link to the protosound2.com Web site for DCS and Proto-Sound 2.0 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.



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