

# Tinplate Traditions by M.T.H.

2005 Vol. 2



**TINPLATE TRADITIONS**<sup>®</sup>  
By MTH Electric Trains<sup>®</sup>

# M.T.H. Electric Trains

In 1980, Mike Wolf, then age 20 and already an eight-year veteran of the model train industry, opened a mail order business in a 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 made the leap into manufacturing by purchasing Jerry Williams' standard gauge tooling — financed in part by the loan of his 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.

In the ensuing years, Mike's Train House has cataloged nearly 10,000 separate items made from over 990 unique sets of tooling in three different gauges, but we have never forgotten our tinsplate roots. As we celebrate our 25th year, we are the only manufacturer offering a full line of standard gauge and O gauge trains that faithfully reproduce the magic of the pre-war tinsplate era.

Tinsplate Traditions models are beautiful reproductions of the toy trains that were popular from the early twentieth century until the beginning of World War II. These trains are 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, Tinsplate Traditions models are made of stamped and die-cast metal and finished in bright metal plating and shiny baked enamel paint — enabling today's collectors to enjoy the same excitement that a child felt when receiving these toys as a birthday or holiday present seven or eight decades ago. Without paying the thousands of dollars required to purchase a pre-World War II original, you can acquire accurate, high-quality, highly-detailed reproductions of these tinsplate trains as they appeared in their original splendor.

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[www.mthtrains.com](http://www.mthtrains.com)



## More Fun Than Any Other Operating System

### So Easy, So Simple, So Fun

As you'd expect, MTH Proto-Sound® 2.0-equipped locomotives are compatible with nearly every AC transformer.\* But upgrading to DCS™ (Digital Command System) unlocks more features than you'll find in any other operating system — features that are factory-installed in every Proto-Sound 2.0 locomotive. And with a DCS Upgrade Kit, you can add the same features and full sound to almost any other standard gauge or O gauge locomotive with a fly-wheel-equipped motor. Here's just a partial list of what DCS offers:

#### Wireless handheld throttle

Run your whole railroad — locomotives, accessories, everything — from one or more DCS handheld remotes. If your hobby interests run to multiple scales, you can even run standard gauge, O gauge, and one-gauge trains from the same remote. 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 handheld remotes. When you have guests, give each visitor a DCS handheld and let them control their own engines. 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 Proto-Sound® 2.0 locomotive. Activate auxiliary sounds such as steam letoff and crew conversations. Whistle, bell, and steam chuff or electric motor sounds even have independently adjustable volume control.

#### Station sounds

Passenger engines offer Passenger Station Proto-Effects™, a complete arrival and departure sequence that you can activate on demand. Freight engines include Freight Yard Proto-Effects™, a symphony of freight terminal sounds.

#### 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.

#### Smoke control

Adjust the smoke intensity for a steam engine at any time from the DCS remote. The chuff rate and synchronized smoke puffs for a steam engine, which come factory-set at

a prototypical four chuffs per driver revolution, can also be varied to suit your taste.

#### Constant lighting

Because DCS operates with a constant voltage on the rails (most operators use 18 volts), engine, caboose, and passenger car lights 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. With the optional Accessory Interface Unit (AIU), you can also program multiple track switches to throw with a single command to create a specific route.

#### Upgradable software

Unlike 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. As of summer 2005, four major upgrades have been issued since DCS was introduced in 2002.

\* Go to [www.protosound2.com](http://www.protosound2.com) for a list of AC power supplies that are compatible with DCS and Proto-Sound 2.0 locomotives.



## Traditional or Contemporary?

**M**any Tinplate Traditions locomotives and train sets are offered in both Traditional and Contemporary 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!

Contemporary versions feature the same accurate, nostalgic appearance on the outside but the latest M.T.H. technology inside.

Equipped with virtually silent can motors and Proto-Sound® 2.0, Contemporary engines have a full complement of locomotive and train sounds, speed control, and synchronized puffing smoke on steam engines. When operated with the optional DCS, Contemporary engines also offer command control and numerous other unique M.T.H. operating features; for more details on DCS, see page 42.

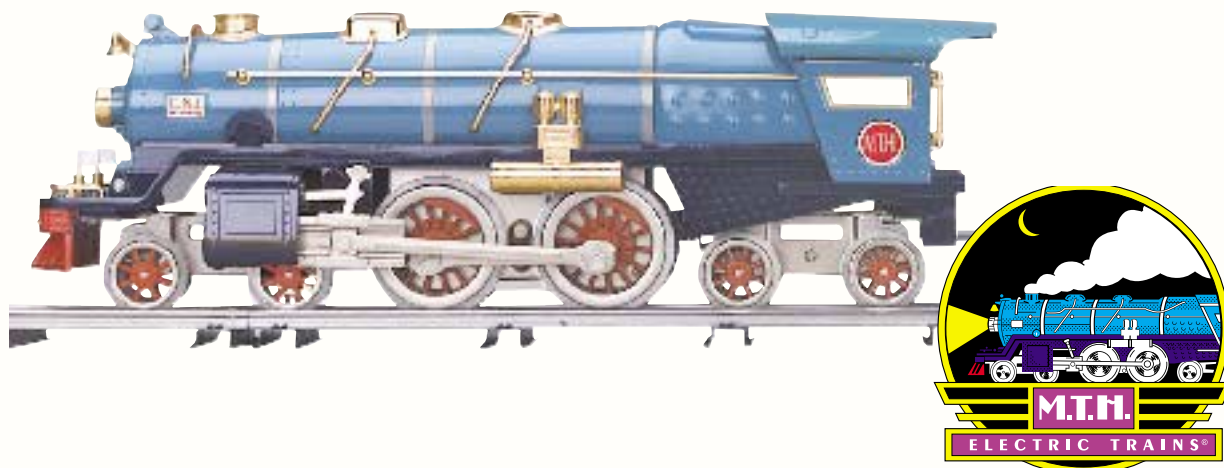


Traditional



Contemporary With Proto-Sound® 2.0

## 75 Years of Standard Gauge



While 2005 represents the 25th anniversary of M.T.H. Electric Trains it also marks the 75th anniversary of the standard gauge Blue Comet train. One of the most recognizable locomotives of that era, the 400E heads up a magnificent two-tone blue passenger set both of which are again being faithfully recreated in M.T.H.'s 2005 Tinplate Traditions line. In fact, you'll find the 400E and matching Blue Comet passenger cars beginning on page 7.

Take a close look at the profile of the 400E loco and you'll find it right in the middle of the classic M.T.H. "round" logo. Yet like M.T.H., today's 400E's have changed since originally offered so many decades ago. Optionally equipped with hi-tech digital features, running a 400E today adds sounds and functions never imagined when standard gauge was born.

Today's Tinplate Traditions offerings include a wide range of new colors as well as the occasional appearance of a popular brandname. And we continue to add new models like the Blue Comet baggage car and the motorized operating crane to continue expanding the legacy that standard gauge tinplate trains created almost one hundred years ago.

## TINPLATE MEGASTATIONS

### 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

### The Train Room

Hagerstown, MD  
301-745-6681  
www.the-train-room.com

### 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

### Scags Electric Train Shop

Staten Island, NY  
718-727-7373  
www.e-zcatch.com



Not all products depicted in this catalog are production models. In some cases, the items pictured may be HO, O Scale or some other scale product. 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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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. 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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### M.T.H. Railroaders Club

### Website

# 5400E Steam Engine



ADD MATCHING  
PASSENGER CARS  
SEE PAGE 30

**P**roduced from 1931 to 1939, the 400E was the best standard gauge steamer that money could buy. In the late 1930s, a 400E with its train of passenger cars would set you back about 75 dollars — the same as a train trip from Chicago to San Francisco, including a sixteen-day stay in the city by the bay. The 1931 catalog that introduced the 400E depicted a real engineer praising the model to a pair of knicker-clad boys: "Just like mine" says Bob Butterfield, engineer of the 20th Century Limited." Apparently the engineer of the New York Central 4-6-4 Hudson ignored the fact that the 400E was short one set of drivers, to enable it to negotiate standard gauge curves. While the 400E is best known for pulling the Blue Comet passenger set, it is also one of only two steamers to be cataloged with the large 200-series freight cars.

M.T.H. is proud to make the shiny baked-enamel finish of this largest of standard-gauge steamers available in a selection of accurate 1930s paint schemes, as well as several never-before-offered real roadnames. Four-car passenger sets, modeled after the original Blue Comet cars, are available to match most of these handsome paint schemes.

## FEATURES

### Traditional Features:

- Baked Enamel Finish
- Colorful Paint Scheme
- Metal Wheels and Axles
- Operating Metal Latch Couplers
- Metal Handrails and Decorative Bell
- Stamped Steel Boiler
- Die-Cast Tender Body
- Track Voltage Operating Headlight
- Bild-a-Loco Motor
- Mechanical E-Unit
- Nickel or Brass Trim
- Unit Measures: 32 1/2" x 4 1/4" x 5 3/4"
- Operates On STD-42 Curves

### Additional Proto-Sound® 2.0 Features:

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



**Baltimore & Ohio - 400E Tinplate Steam Engine**  
10-1242-1 w/Proto-Sound® 2.0 \$899.95 10-1242-0 Traditional \$899.95



**Black & Yellow - 400E Tinplate Steam Engine**  
10-1243-1 w/Proto-Sound® 2.0 \$899.95 10-1243-0 Traditional \$899.95



**Christmas - 400E Tinplate Steam Engine**  
10-1244-1 w/Proto-Sound® 2.0 \$899.95 10-1244-0 Traditional \$899.95



**Two-Tone Blue w/Nickel - 400E Tinplate Steam Engine**  
10-1249-1 w/Proto-Sound® 2.0 \$899.95 10-1249-0 Traditional \$899.95



**Denver Rio Grande - 400E Tinplate Steam Engine**  
10-1245-1 w/Proto-Sound® 2.0 \$899.95 10-1245-0 Traditional \$899.95



**Great Northern - 400E Tinplate Steam Engine**  
10-1246-1 w/Proto-Sound® 2.0 \$899.95 10-1246-0 Traditional \$899.95



**Southern - 400E Tinplate Steam Engine**  
10-1247-1 w/Proto-Sound® 2.0 \$899.95 10-1247-0 Traditional \$899.95



**Two-Tone Blue w/Brass - 400E Tinplate Steam Engine**  
10-1248-1 w/Proto-Sound® 2.0 \$899.95 10-1248-0 Traditional \$899.95

# 3242 Cardinal Special



In 1929 the original Ives® Corporation created the Cardinal Special, an “all-Ives” train that was made up from a 3242 Electric and 180 series passenger cars.

The locomotive featured a steel frame, brass side and end doors, and four-pane brass side windows. The combination of black body paint and red frame accented the brass details to create a striking locomotive that headed up equally attractive passenger cars. Each car featured red sides, black roof, and brass plates, steps, and truck journals.

The dramatic styling of the engine and cars captured the very essence of the Ives® product line and was typical of standard gauge production from this era. With its stamped steel body, baked enamel finish, and metal wheels and axles, the 3242 Ives® Cardinal Special is available in both Traditional and Contemporary versions.



**Cardinal Special - Ives 3242 Electric Passenger Set**  
 10-1241-0 Traditional \$1499.95  
 10-1241-1 w/Proto-Sound® 2.0 \$1499.95



## Traditional Features:

- Set Features**
- 3242 Ives Electric Locomotive
  - 3-Car Passenger Set

## Locomotive Features

- Stamped Steel Body and Chassis
- Baked Enamel Finish
- Metal Wheels and Axles
- Operating Metal Latch Couplers
- Traditional AC Motor
- Nickel Trim

## Passenger Car Features

- Stamped Steel Body and Chassis
- Brass or Nickel Trim

## FEATURES

- Metal Wheels and Axles
- Operating Metal Latch Couplers
- Overhead Interior Lighting
- 3-Car Sets Feature: (1) Combine, (1) Coach, (1) Observation

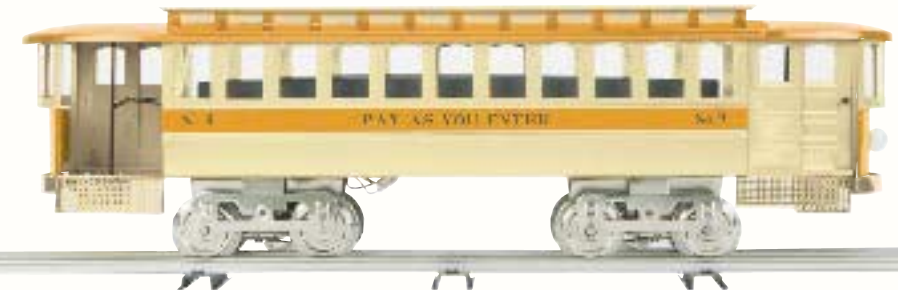
## Additional Proto-Sound® 2.0 Locomotive Features:

- Precision Flywheel-Equipped Motor
- Proto-Sound® 2.0 Digital Sound With Passenger Station Proto-Effects™

# #9 Pay-As-You-Enter Trolley



**Christmas** - #9 Pay-As-You-Enter Trolley  
 10-1238-1 w/Proto-Sound® 2.0 \$599.95  
 10-1238-0 Traditional \$599.95



**Cream & Orange** - #9 Pay-As-You-Enter Trolley  
 10-1239-1 w/Proto-Sound® 2.0 \$599.95  
 10-1239-0 Traditional \$599.95



**Pittsburgh** - #9 Pay-As-You-Enter Trolley  
 10-1240-1 w/Proto-Sound® 2.0 \$599.95  
 10-1240-0 Traditional \$599.95

**I**ntroduced in 1909, the No. 9 Pay As You Enter Trolley is one of the ultimate collector's items for tinsplate trolley enthusiasts. Two different models were created, with a slightly larger version appearing in the No. 9's second year, 1910, and lasting to the end of production in 1912.

The 1910 version was actually created from the No. 8 Pay As You Enter Trolley, also introduced in 1909. In fact, the only difference between the 1910 No. 8 and this 1910 No. 9 was that the No. 9 was equipped with two motors.

Like all MTH Tinplate Traditions products, our version of the No. 9 Pay As You Enter Trolley is a faithful reproduction of the pre-war classic. The body and running gear are made entirely of stamped metal, and all painted surfaces are finished in beautiful baked enamel. This model will undoubtedly become a favorite on your standard gauge layout or display.

Choose from versions equipped with Traditional motors or Contemporary electronics and Proto-Sound® 2.0. The Contemporary version features transit stop simulation available only from M.T.H. Designed specifically for our municipal transit cars, the unique Proto-Sound® 2.0 transit program features Station Stop Proto-Effects, allowing you to program the No. 9 to stop automatically at designated station stops. When configured to run on automatic, the trolley stops itself at locations you define and calls out station names; the trolley essentially runs itself. And when you program the No. 9 for an out-and-back route, it even reverses itself and heads back downtown when it reaches the end of the line — stopping along the way at each station to broadcast the name of the stop and the hustle and bustle of passengers coming and going.

## FEATURES

### Traditional Features:

- Metal Wheels, Axles and Gears
- Stamped Steel Body and Chassis
- Baked Enamel Finish
- (2) Motor Operation
- Operating Headlight
- Unit Measures: 19 1/4" x 3 7/8" x 6 1/8"
- Operates On STD-42 Curves

### Additional Proto-Sound® 2.0 Features:

- Locomotive Speed Control
- Proto-Sound® 2.0 With The Digital Command System Featuring Station Stop Proto-Effects™

# Ives® 3243 Set



**Dark Olive Green w/Nickel** - Ives 3243R Electric Passenger Set  
 10-1230-1 w/Proto-Sound® 2.0 \$1499.95  
 10-1230-0 Traditional \$1499.95



**Red w/Nickel** - Ives 3243R Electric Passenger Set  
 10-1231-1 w/Proto-Sound® 2.0 \$1499.95  
 10-1231-0 Traditional \$1499.95



**Wanamaker** - Ives 3243R Electric Passenger Set  
 10-1232-1 w/Proto-Sound® 2.0 \$1499.95

**B**ased on a New York Central prototype, the 3243 S-Type electric was Ives' top-of-the-line standard gauge locomotive for most of the 1920s. It featured a 4-4-4 wheel arrangement and came with a choice of hand reverse or automatic-sequence reverse. The 3243 and its elegant passenger cars return to the Tinplate Traditions lineup for 2005 in several attention-getting colors, including dark olive green, red, and the unique wine-colored set that Ives produced for Wanamaker's, Philadelphia's first and most famous department store.

Each 3243R set includes a locomotive and three matching passenger cars: baggage, coach, and open-platform observation. In our Traditional version, M.T.H. proudly reproduces the 3243 locomotive with automatic-sequence reverse. Users preferring a more modern operating experience can choose our Contemporary Proto-Sound 2.0 version for incredibly smooth operation and high-quality digital sound effects. Regardless of which version you choose, any of these beautifully painted sets will bring the Ives slogan to life on your standard gauge layout: "Ives Toys Make Happy Boys."

## FEATURES

### Traditional Features: Set Features

- 3243 Ives Electric Locomotive
- 3-Car Passenger Set

### Locomotive Features

- Stamped Steel Body and Chassis
- Baked Enamel Finish
- Metal Wheels and Axles
- Operating Metal Latch Couplers
- Traditional AC Motor
- Nickel or Brass Trim

### Passenger Car Features

- Stamped Steel Body and Chassis
- Brass or Nickel Trim

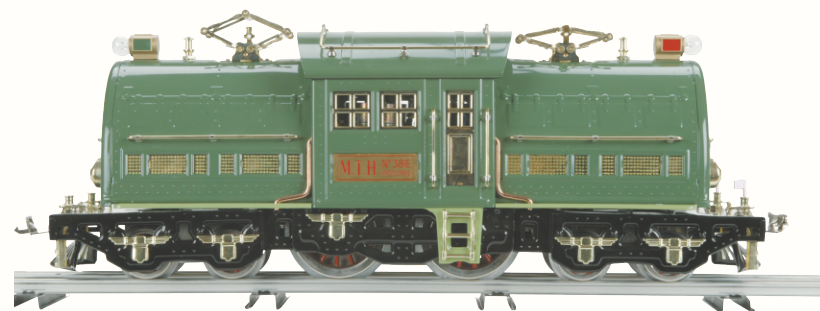
- Metal Wheels and Axles
- Operating Metal Latch Couplers
- Overhead Interior Lighting
- 3-Car Sets Feature: (1) Combine, (1) Coach, (1) Observation

### Additional Proto-Sound® 2.0

#### Locomotive Features:

- Precision Flywheel-Equipped Motor
- Locomotive Speed Control
- Proto-Sound® 2.0 Digital Sound With Passenger Station Proto-Effects™

# 381E Locomotive and State Set



### Two Tone Green

381E Locomotive		
10-1216-1	w/Proto-Sound® 2.0	\$699.95
10-1216-0	Traditional	\$699.95
Std. Gauge Solarium State Car		
10-5033		\$399.95



### Milwaukee Road

381E Locomotive		
10-1224-1	w/Proto-Sound® 2.0	\$699.95
10-1224-0	Traditional	\$699.95
Std. Gauge Solarium State Car		
10-5045		\$399.95



**Green** - 4-Car Std. Gauge State Set  
10-5032 \$1499.95



**Milwaukee Road** - 4-Car Std. Gauge State Set  
10-5044 \$1,499.95

The largest and perhaps flashiest of Joshua Lionel Cowen's standard gauge electric locomotives wasn't the company's most expensive. That distinction belonged to the two-motored, eight-wheeled 408E. But the 381E, with its 4-4-4 wheel arrangement, was the firm's largest, most impressive electric, and is today one of the most prized possessions that a pre-war collector can own.

Given the limited capabilities of 1920s tinsplate construction to faithfully recreate a real-life prototype, the 381E did a fairly good job of impersonating the Milwaukee Road's "Bi-Polar" electrics. Like their tinsplate replicas, the actual engines were among the most impressive locomotives of their time, hauling crack passenger varnish through the Cascade Mountains between Othello and Tacoma, Washington.

In 1929, the 381E was cataloged as the original motive power for the legendary State Set. The engine's single motor, however, proved unequal to the task of hauling 24 pounds of passenger cars, and it was eventually replaced by the 408E.

Fortunately, the M.T.H. version of the 381E features more than enough power to pull the State Set and accurately recreates the look of the pre-war tinsplate original. Aside from the stampings and plates identifying the engine as an M.T.H. model, a user would be hard pressed to tell the difference. Until, that is, one runs a Contemporary version equipped with Proto-Sound® 2.0. No original 381E could ever run as smoothly or slowly, or recreate the sounds of a real locomotive, like the Contemporary Tinsplate Traditions™ version.

### FEATURES

#### Traditional Features:

- Metal Wheels, Axles, and Gears
- Stamped Steel Body and Chassis
- Nickel or Brass Trim
- Baked Enamel Finish
- Operating Metal Latch Couplers
- Operating Headlights
- Unit Measures: 16" x 3 3/4" x 5 7/8"
- Operates On STD-42 Curves

#### Additional Proto-Sound® 2.0 Features:

- Directionally Controlled Headlights
- Precision Flywheel-Equipped Motor
- Locomotive Speed Control
- Proto-Sound® 2.0 With The Digital Command System Featuring Passenger Station Proto-Effects™

**PASSENGER TRUCKS EQUIPPED WITH ROLLER BEARINGS!**



# Ives® #3245R Locomotive



**Green - #3245R Locomotive**  
 10-1218-1 w/Proto-Sound® 2.0 \$699.95  
 10-1218-0 Traditional \$699.95



**Black - #3245R Locomotive**  
 10-1219-1 w/Proto-Sound® 2.0 \$699.95  
 10-1219-0 Traditional \$699.95



**Kadet Blue - #3245R Locomotive**  
 10-1220-1 w/Proto-Sound® 2.0 \$699.95  
 10-1220-0 Traditional \$699.95

As the 1930s began, America's deepening financial crisis was driving model train manufacturers out of business or crippling those still clinging to life. One of those on life support was the Ives Corporation, whose sales were buoyed by the production of beautiful, well constructed and engineered trains that compared favorably with the products of market leader Joshua Lionel Cowen.

Yet Ives always seemed to be a step behind Cowen and often followed his lead on product direction and changes. In the early Depression years, Ives invested much of its remaining capital into the development of two electric type locomotives: a small economy box-cab model and a larger center-cab type - which appears to have been based on the same Milwaukee Road Bi-Polar that served as the prototype for Cowen's No. 381E. It was this latter Ives model that became the No. 3245 Electric, of which two versions were created. These very scarce models used the same number and were described as short hood or long hood versions. As their monikers indicated, the difference between the two versions was the length of the front and rear hoods.

M.T.H. is proud to release the short hood Ives No. 3245 in its original tinplate glory. We've captured the look and details of this pre-war toy so completely that only the perfect paint job — as well as the incredibly realistic sound effects, if you own the Contemporary version — will give away the fact that this locomotive is a reproduction.

## FEATURES

### Traditional Features:

- Stamped Steel Body and Chassis
- Metal Wheels, Axles, and Gears
- Operating Metal Latch Couplers
- Metal Handrails and Decorative Horn
- Operating Headlights
- Mechanical E-Unit
- Die-Cast Truck Sides
- AC Motor

- Unit Measures 26 1/4" x 5 1/4" x 4 1/4"
- Operates On STD-42 Curves

### Additional Proto-Sound® 2.0 Features:

- Precision Flywheel-Equipped Motor
- Locomotive Speed Control
- Proto-Sound® 2.0 With The Digital Command System Featuring Freight Yard Proto-Effects™



# #384 Ready-To-Run Train Sets



For much of the 1920s, there were no steam locomotives in Joshua Lionel Cowen's standard gauge line. The No. 384, produced from 1930 - 1932, was one of the engines that brought steam back into the catalog. In many respects, the 384 is the quintessential standard gauge toy owned by thousands of boys: wildly oversized drivers, bright brass or nickel trim, shiny black paint, and a cast iron frame topped by a sheet metal boiler and cab.

Our Tinplate Traditions 384 freight and passenger sets replicate 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 replicas of the 384 are trailed by two passenger cars or a 500-series boxcar and caboose decorated with bright metal trim and colorful baked enamel paint.

### Set Includes

- (8) STD 42" Curve Sections
- Lighted Track Lock-On
- Wire Harness
- No. 384 Steam Locomotive
- (2) 500 Series Freight Cars or (2) 330 passenger cars
- Z-1000™ Transformer With Controller

### FEATURES

- Locomotive Speed Control
- Synchronized Puffing ProtoSmoke™ Unit
- Operating Headlight
- Locomotive Equipped With Proto-Sound® 2.0 Featuring Freight Yard or Passenger Station Proto-Effects™
- Locomotive Measures: 22 3/4" x 7 5/8" x 5"

### Locomotive Features

- Die-Cast Metal Chassis
- Baked Enamel Finish
- Operating Metal Latch Couplers
- Metal Wheels, Gears and Axles
- Stamped Steel Body

### Freight and Passenger Car Features

- Baked Enamel Finish
- Operating Metal Latch Couplers
- Metal Wheels and Axles
- Stamped Steel Body
- Cars Measure: 13 3/4" x 3 3/4" x 5 5/8"



**Pennsylvania - No. 384 Steam Freight Set**  
10-1235-1 w/Proto-Sound® 2.0 \$599.95



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



**Christmas - No. 384 Steam Passenger Set**  
10-1211-1 w/Proto-Sound® 2.0 \$599.95

# #200 Wood Gondola



The No. 200 Electric Express wood gondola, introduced in 1901, is perhaps the rarest of toy train collectibles. Less than 10 original models exist today.

The wooden gondola was made in both motorized and non-motorized versions, and two types were produced. Type I, manufactured in 1901, was approximately 15" in length. Type II, the following year's model, measured 17 1/2" long. Neither type was ever cataloged again.

Now, for the first time in more than a century, the wooden No. 200 Electric Express returns to the rails. Based on the Type II design, our Tinplate Traditions model is constructed of wood like the original and features accurate replicas of its brass corner braces, steps, handrails, journals, and controller knob. The body rests atop a die-cast replica of the original cast-iron frame. Designed for operation on the earliest of track, the No. 200 model includes a circle of 2 7/8" gauge two-rail track measuring 34" in diameter. Although the original No. 200 was powered from a dry-cell battery, the Tinplate Traditions replica obtains its power from any separately sold AC transformer.

## FEATURES

### Non-Powered Features:

- Metal Chassis
- Authentic Wooden Body
- Metal Wheels and Axles
- Metal Handrails
- Unit Measures: 17 1/2" x 4 1/2" x 4 1/8"
- Operates On 34" Diameter Curves

### Powered Features:

- Metal Chassis
- Precision AC Motor
- Brass Trim
- Metal Wheels, Axles and Gears
- Wooden Body
- Reversing Lever
- Unit Measures: 17 1/2" x 4 1/2" x 4 1/8"
- Operates On 34" Diameter Curves



**Type II - No. 200 Wood Gondola**  
10-1197-3 Non-Powered \$299.95



**Type II - No. 200 Wood Gondola**  
10-1197-0 Powered \$499.95

# 500 Series

M.T.H. is proud to introduce a new generation of tinplate enthusiasts to the classic looks of standard gauge freight cars. In 2005, three different classes of freight cars will be produced: smaller 500 series cars, the largest of the standard gauge models known as the 200 Series, and a selection of Ives® 20-190 series cars.

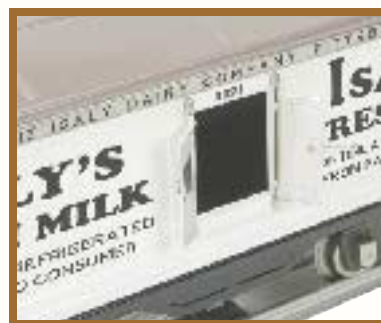
Regardless of choice, each series features cars constructed from heavy stamped metal bodies and chassis with a profusion of brightly plated metal details. All cars include black oxide finished trucks, nickel truck journal boxes, and latch couplers for that authentic look and feel of yesteryear.

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.

## Reefer Cars



**Fort Pitt Beer - 500 Series Std. Gauge Reefer Car**  
10-2131 \$99.95



**Isaly's - 500 Series Std. Gauge Reefer Car**  
10-2132 \$99.95

## Box Car



**Christmas - 500 Series Std. Gauge Box Car**  
10-2128 \$99.95



**White & Light Blue - 500 Series Std. Gauge Reefer Car**  
10-2133 \$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
- Unit Measures: 14 3/4" x 3 7/8" x 4 7/8"
- Operates On STD-42 Curves

# 500 Series

## Cattle Cars



**Cream w/Maroon Roof** - 500 Series Std. Gauge Cattle Car  
10-2129 \$99.95



**Olive Green w/Orange Roof** - 500 Series Std. Gauge Cattle Car  
10-2130 \$99.95

## Box Car



**Chessie** - 500 Series Std. Gauge Box Car  
10-2127 \$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
- Cattle Car Measures:  
14 3/4" x 3 7/8" x 4 7/8"
- Hopper Car 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"
- Operates On STD-42 Curves

## Hopper Cars



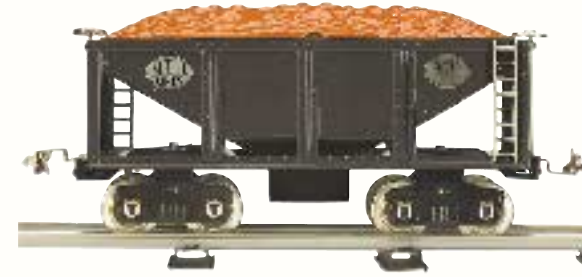
**Pennsylvania** - 500 Series Std. Gauge Hopper Car  
10-2138 \$119.95



**Red w/Nickel Trim** - 500 Series Std. Gauge Hopper Car  
10-2139 \$119.95

# 500 Series

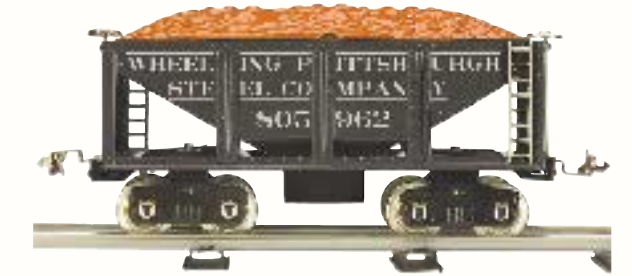
## Ore Cars



**Black w/Brass Trim** - 500 Series Std. Gauge Ore Car  
10-2140 \$99.95



**Red w/Nickel Trim** - 500 Series Std. Gauge Ore Car  
10-2141 \$99.95



**Wheeling Pittsburgh Steel** - 500 Series Std. Gauge Ore Car  
10-2142 \$99.95

## Flood Light Cars



**Light Green** - 500 Series Std. Gauge Flood Light Car  
10-2136 \$129.95



### 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
- Ore Car Measures:  
11 1/2" x 3 7/8" x 5 1/4"
- Floodlight Car Measures:  
15" x 3 7/8" x 4 7/8"
- Operates On STD-42 Curves



**Orange** - 500 Series Std. Gauge Flood Light Car  
10-2137 \$129.95

# 500 Series

## TANK CARS



Shell - 500 Series Std. Gauge Tank Car  
10-2125 \$99.95



Sunoco - 500 Series Std. Gauge Tank Car  
10-2126 \$99.95

## CABOOSE



Pea Green w/Red Roof - 500 Series Std. Gauge Caboose  
10-2134 \$119.95



Red w/Nickel - 500 Series Std. Gauge Caboose  
10-2135 \$119.95

### 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
- Tank Car Measures:  
14 3/4" x 3 7/8" x 4 7/8"
- Caboose Measures:  
14 3/4" x 3 7/8" x 4 7/8"
- Operates On STD-42 Curves



# Ives® 20-190 Series

## TANK CARS

NEW!



Chesapeake & Ohio - 20-190 Tank Car  
10-2152 \$129.95

NEW!



Orange & Black - 20-190 Tank Car  
10-2151 \$129.95

## GONDOLA CARS

NEW!



Flat Black - 20-194 Gondola  
10-2145 \$119.95



### FEATURES

- Stamped Steel Body and Chassis
- Metal Wheels and Axles
- Operating Metal Latch Couplers
- Baked Enamel Finish
- Colorful, Attractive Paint Schemes
- Tank Car Measures:  
17" x 3 1/2" x 5 3/4"
- Gondola Car Measures:  
17" x 3 1/2" x 4"
- Operates On STD-42 Curves

NEW!



Gloss Black - 20-194 Gondola  
10-2146 \$119.95

# Ives® 20-190 Series

## BOX CARS



**NEW!**



**NEW!**

**Green & Red** - 20-192 Box Car  
10-2143 \$129.95

**Orange & Blue** - 20-192 Box Car  
10-2144 \$129.95

### FEATURES

- Stamped Steel Body and Chassis
- Metal Wheels and Axles
- Operating Metal Latch Couplers
- Baked Enamel Finish
- Colorful, Attractive Paint Schemes
- Box Car Measures:  
17" x 3 1/2" x 5"
- Stock Car Measures:  
17" x 3 1/2" x 5"
- Caboose Measures:  
17" x 3 1/2" x 6"
- Operates On STD-42 Curves

## STOCK CARS



**Green & Red** - 20-193 Stock Car  
10-2150 \$129.95

**NEW!**



**Circus** - 20-193 Stock Car  
10-2149 \$129.95

**NEW!**

## CABOOSE



**NEW!**

**Two Tone Red** - 20-195 Caboose  
10-2153 \$139.95



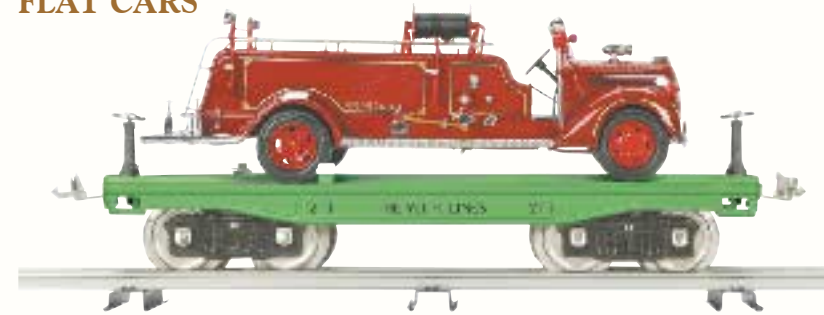
**NEW!**

**Green** - 20-195 Caboose  
10-2154 \$139.95

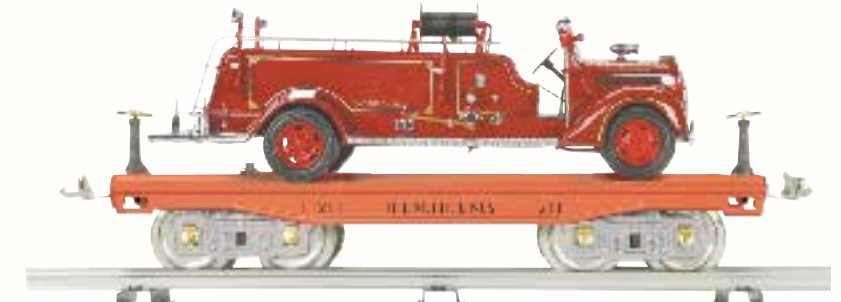
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# 200 Series

## FLAT CARS



**Green w/Nickel** - 200 Series Std. Gauge Flat Car w/ Fire Truck  
10-2107 \$149.95



**Orange w/Brass** - 200 Series Std. Gauge Flat Car w/ Fire Truck  
10-2106 \$149.95

### FEATURES

- Baked Enamel Finish
- Brass or Nickel Trim
- Stamped Steel Body and Chassis
- Metal Wheels and Axles
- Operating Metal Latch Couplers
- Flat Car Measures:  
15" x 3 7/8" x 4 7/8"
- Tank Car Measures:  
14 3/4" x 3 3/4" x 5 3/4"
- Hopper Car Measures:  
14 3/4" x 3 5/8" x 5 1/4"
- Operates On STD-42 Curves

## TANK CARS



**Shell** - 200 Series Std. Gauge Tank Car  
10-2104 \$129.95



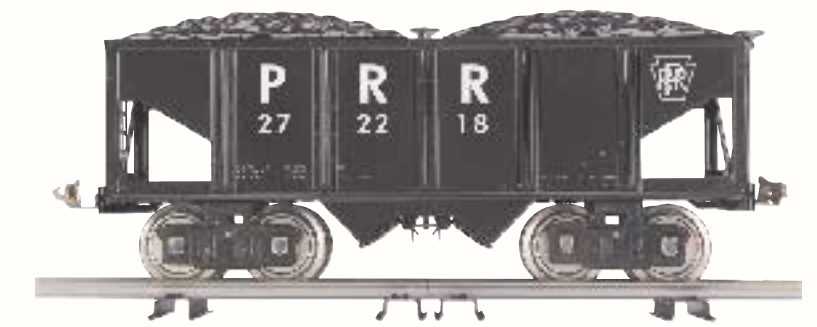
**Sunoco** - 200 Series Std. Gauge Tank Car  
10-2105 \$129.95

## CATTLE CAR



**Light & Dark Green w/Brass** - 200 Series Std. Gauge Cattle Car  
10-2103 \$129.95

## HOPPER CAR



**Pennsylvania w/Nickel** - 200 Series Std. Gauge Hopper Car  
10-2098 \$129.95

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# 200 Series

## GONDOLA CARS



**Caterpillar®** - 200 Series Std. Gauge Gondola Car  
10-2123 \$139.95  
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**Pennsylvania** - 200 Series Std. Gauge Gondola Car  
10-2124 \$139.95

## ORE CARS



**Pennsylvania** - 200 Series Std. Gauge Ore Car  
10-2101 \$119.95



**Tuscan w/Nickel** - 200 Series Std. Gauge Ore Car  
10-2100 \$119.95



**Dark Green w/Brass** - 200 Series Std. Gauge Ore Car  
10-2099 \$119.95

### FEATURES

- Baked Enamel Finish
- Brass or Nickel Trim
- Stamped Steel Body and Chassis
- Metal Wheels and Axles
- Operating Metal Latch Couplers
- Gondola Measures:  
10 3/4" x 2 1/4" x 3 1/2"
- Ore Car Measures:  
11 1/2" x 3 7/8" x 5 1/4"
- Operates On STD-42 Curves

# 200 Series

## BOX CARS



**Harley-Davidson®** - 200 Series Std. Gauge Box Car  
10-2089 \$139.95



**Harley-Davidson®** - 200 Series Std. Gauge Box Car  
10-2116 \$139.95



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7020 Columbia Gateway Drive, Columbia, Maryland 21046



**Popsicle®** - 200 Series Std. Gauge Box Car  
10-2115 \$139.95

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**Caterpillar®** - 200 Series Std. Gauge Box Car  
10-2088 \$139.95

### FEATURES

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

## CABOOSE



**Caterpillar®** - 200 Series Std. Gauge Caboose  
10-2155 \$139.95



**Red & Pea Green/Nickel** - 200 Series Std. Gauge Caboose  
10-2108 \$129.95

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# Operating 200 Series Cars

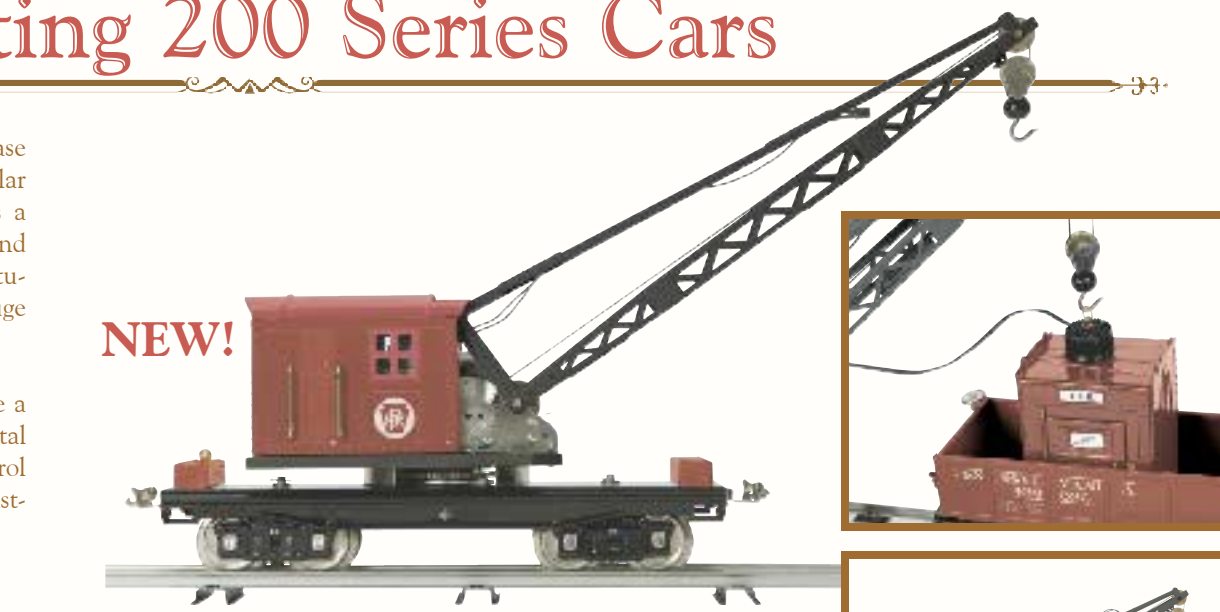
An entirely new 200 Series car debuts in 2005 with the release of the 200 Series Operating Crane Car. Unlike the regular 200 Series Crane Car, the operating version features a long-lasting power train that rotates the crane body, lowers and raises the boom, and controls the boom winch so that you can actually use the crane to transfer loads from your other standard gauge freight cars.

Available in several brightly colored schemes, these cars feature a heavy sheet metal body and chassis, as well as brightly plated metal details and opening doors. Built-in switches in the car body control all the action, making this all-new Tinplate Traditions car a must-have for any standard gauge collector or operator.



**Caterpillar®** - 200 Series Std. Gauge Operating Crane Car  
10-2122 \$379.95

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**NEW!**

**Pennsylvania** - 200 Series Std. Gauge Operating Crane Car  
10-2120 \$379.95



**NEW!**

**Green and Red** - 200 Series Std. Gauge Operating Crane Car  
10-2121 \$379.95

## FEATURES

- Baked Enamel Finish
- Stamped Steel Body and Chassis
- Metal Wheels and Axles
- Operating Metal Latch Couplers
- Nickel or Brass Trim
- Precision Built-In Crane Motor
- Motorized Boom Raises & Lowers
- Motorized Crane Body Pivots From Side-to-Side
- Motorized Winch Raises & Lowers
- Easily Accessible Built-In Motor Controllers Located Inside Cab Door
- Unit Measures: 23 1/2" x 3 5/8" x 6"
- Operates On STD-42 Curves

# 330 Series Passenger Cars

M.T.H. is proud to introduce a new generation of standard gauge enthusiasts to the classic looks of standard gauge passenger cars. In 2005, two different classes of passenger cars are available, smaller 330 series cars which make a perfect add-on to the Tinplate Traditions 384 steam freight and passenger sets as well as larger Blue Comet passenger cars - a great complement for our 400E Steam Locomotives.

2005 marks the first time we've 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 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.

## FEATURES

- Baked Enamel Finish
- Stamped Steel Body and Chassis
- Metal Wheels and Axles
- Operating Metal Latch Couplers
- Unit Measures: 14 1/2" x 3 1/8" x 5"
- Operates On STD-42 Curves



**Christmas** - 330 Series Passenger Car  
10-5048 \$129.95



**Chessie** - 330 Series Passenger Car  
10-5049 \$129.95



**Two-Tone Green** - 300 Series Passenger Car  
10-5014 \$129.95



**Orange** - 300 Series Passenger Car  
10-5015 \$129.95



# Blue Comet Passenger Sets



**Baltimore & Ohio** - Std. Gauge Blue Comet Baggage Car  
10-5151 \$399.95 **NEW!**



**Baltimore & Ohio** - 4-Car Std. Gauge Blue Comet Set  
10-5051 \$1199.95



**Denver Rio Grande** - 4-Car Std. Gauge Blue Comet Set  
10-5053 \$1199.95

**NEW!**



**Denver Rio Grande** - Std. Gauge Blue Comet Baggage Car  
10-5153 \$399.95



**Great Northern** - Std. Gauge Blue Comet Baggage Car  
10-5154 \$399.95 **NEW!**



**Great Northern** - 4-Car Std. Gauge Blue Comet Set  
10-5054 \$1199.95



**MTHRRC** - 4-Car Std. Gauge Blue Comet Set  
10-5055 \$1199.95

**NEW!**



**MTHRRC** - Std. Gauge Blue Comet Baggage Car  
10-5155 \$399.95

## FEATURES

- Baked Enamel Finish
- Stamped Steel Body and Chassis
- Metal Wheels and Axles
- Operating Metal Latch Couplers
- Overhead Interior Lighting
- Colorful, Attractive Paint Schemes
- Detailed Car Interiors
- Stamped Metal Floors
- 4-Car Sets Feature:
  - (3) Coaches, (1) Observation
- Nickel or Brass Trim
- Set Measures: 84" x 3 1/2" x 5 1/8"
- Baggage Car Measures: 21" x 7" x 4"
- Operates On STD-42 Curves

# Blue Comet Passenger Sets



**Southern** - 4-Car Std. Gauge Blue Comet Set  
10-5056 \$1199.95

**NEW!**



**Southern** - Std. Gauge Blue Comet Baggage Car  
10-5156 \$399.95

**NEW!**



**Christmas** - Std. Gauge Blue Comet Baggage Car  
10-5152 \$399.95



**Christmas** - 4-Car Std. Gauge Blue Comet Set  
10-5052 \$1199.95

**NEW!**



**TT Blue w/Nickel Trim** - 4-Car Std. Gauge Blue Comet Set  
10-5058 \$1199.95



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

**NEW!**



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



**TT Blue w/Brass Trim** - 4-Car Std. Gauge Blue Comet Set  
10-5057 \$1199.95

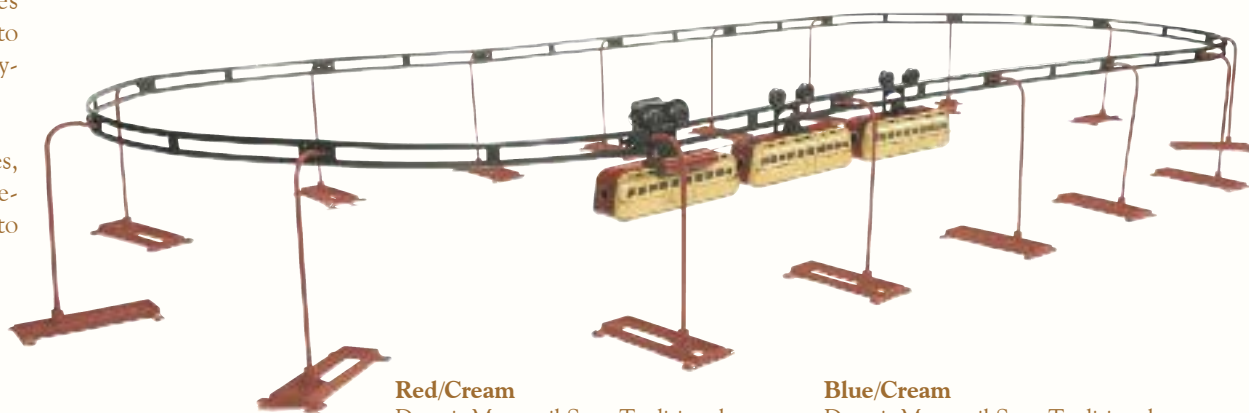
# Accessories

**M**.T.H.'s Tinplate Traditions accessory lineup includes both trackside accessories and reproduction buildings to ensure that your standard gauge Tinplate Traditions layout is fully outfitted and wonderfully exciting.

Trackside accessories include operating signals and crossing gates, lighted lamps and towers and classic hi-tension towers and telegraph pole sets. Our lineup of reproduction buildings is second to none, many of which feature operating lights and opening doors.

## FEATURES

- Stamped Metal Construction
- Fully Assembled and Ready-to-Use
- Brightly Painted In Glossy Enamel Finish
- Operating Lights & Doors (where applicable)

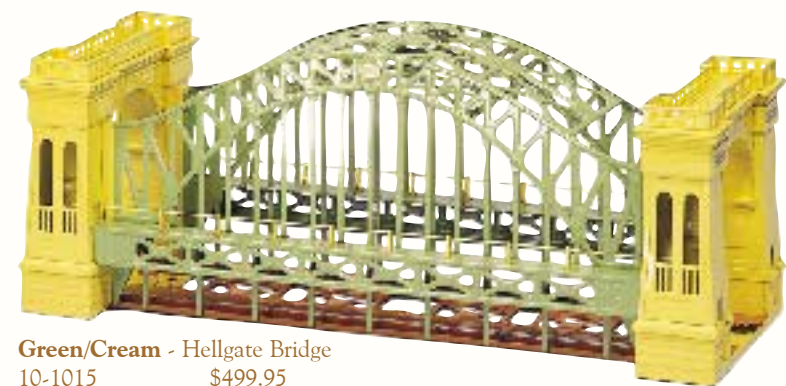


### Red/Cream

Detroit Monorail Set - Traditional  
10-1233-0 \$699.95  
Detroit Monorail Set w/Proto-Sound 2.0  
10-1233-1 \$699.95  
Each Car Measures: 8 1/4" x 2 1/4" x 5 1/4"

### Blue/Cream

Detroit Monorail Set - Traditional  
10-1234-0 \$699.95  
Detroit Monorail Set w/Proto-Sound 2.0  
10-1234-1 \$699.95  
Each Car Measures: 8 1/4" x 2 1/4" x 5 1/4"



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



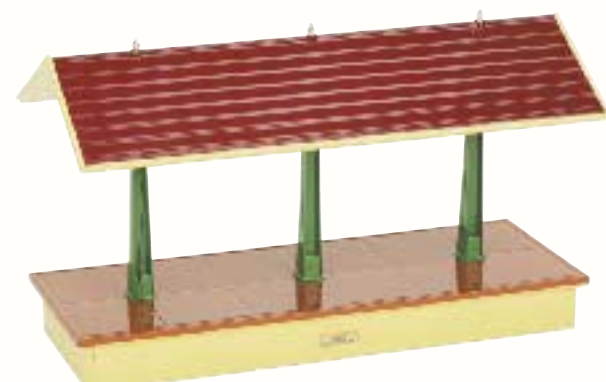
**Mojave/Cream/Green** - 436 Powerhouse  
10-4050 \$149.95  
Measures: 9 1/4" x 7 3/4" x 10 1/2"



**Circus** - Ives Circus Set Diorama  
10-1125a \$124.95



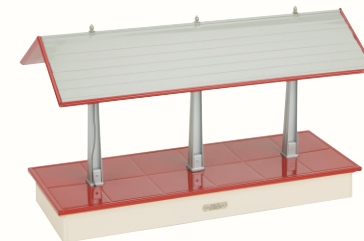
**White/Red** - Hellgate Bridge  
10-1016 \$499.95  
Measures: 21" x 10 7/8" x 11"



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



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



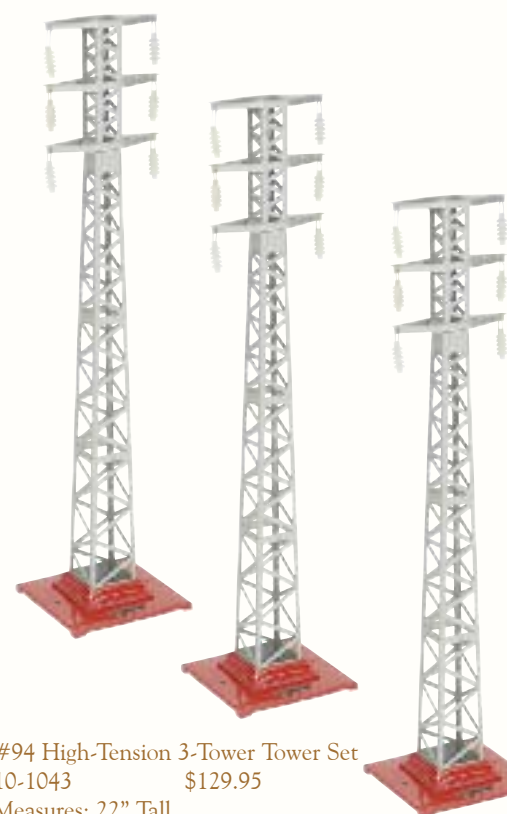
**White/Red** - #155 Freight Shed  
10-4048 \$299.95  
Measures: 18" x 6 1/2" x 11"



**White/Red** - #116 Passenger Station  
10-4057 \$399.95  
Measures: 19 1/2" x 9 1/4" x 18"



**#92 Floodlight 3-Tower Set**  
10-1044 \$149.95  
Measures: 22" Tall



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



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

**OPERATING SMOKE!**



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

# Accessories

## No. 55 AIRPLANE & No. 49 AIRPORT SET

No tinplate layout is complete without air travel for its citizens. The No. 55 Remote Control Airplane and No. 49 Airport, originally cataloged from 1937 - 1939, provide a unique solution that takes your eyes up and above the bustling rail yards and mainlines.

A self-powered airplane circles the airport below while you control its height, steering the plane through climbs and dives with two remote-control joysticks. Attached to a metal pylon, the airplane receives its power from a built-in power supply hidden inside the pylon. Plug it in, grab the joysticks, and you're off and flying.

Few of the original No. 55 Airplanes survived the bumps and crashes from landings. Consequently, finding an original in good or excellent condition is a rare experience, making this unique reproduction a great choice for most tinplate enthusiasts.

### FEATURES

- Stamped Metal Construction
- Fully Assembled
- Fully Painted
- Operate with any AC output transformer
- Colorful Airport Mat
- Lightweight, Self-Powered Airplane
- Flight Controller Joystick
- Unit Measures: 59" x 59" x 30"



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



No. 191 Villa Set  
10-4059 \$199.95



Red & Silver - No. 55 Airplane & No. 49 Airport Set w/Mat  
10-4017 \$799.95



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

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



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



Cream/Orange/Green - AF Std.  
Gauge Switch Tower  
10-4054 \$299.95  
Measures: 12" x 7 1/2" x 9 1/2"



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



Red & Green - #116 Passenger Station  
10-4055 \$399.95  
Measures: 19 1/2" x 9 1/4" x 18"

Cream & Green - #116 Passenger Station  
10-4056 \$399.95  
Measures: 19 1/2" x 9 1/4" x 18"



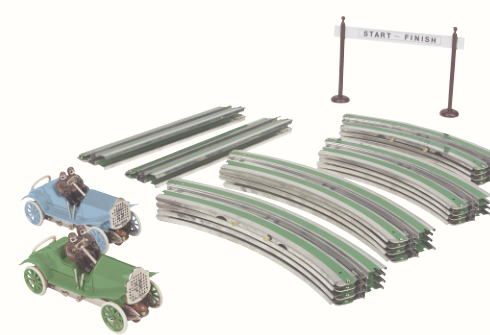
## RACE CAR SET



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.



No. 85 Race Car Set  
10-4058 \$699.95  
Straight Race Car Track Section  
10-4028 \$19.95

### FEATURES

- (2) Stamped Metal Race Cars
- (2) Race Car Figures
- Start/Finish Line
- 4 Straight Track Sections
- 7 Inside Curve Sections
- 7 Outside Curve Sections
- 1 Power Inside Curve Section
- 1 Power Outside Curve Section
- Track Oval Measures 43 1/2" x 57 1/4"
- Operates With Any AC Output Transformer

Inside Curve Race Car Track Section  
10-4029 \$19.95  
Outside Curve Race Car Track Section  
10-4030 \$19.95

# Accessories



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



**Black** - #153 Operating Block Signal  
30-1076 \$29.95  
Measures: 9 1/8" Tall



**#262 Crossing Gate/Signal**  
30-1073 \$49.95  
Measures: 9" Tall



**Green Base** - #151 Operating Semaphore  
30-1075 \$29.95  
Measures: 9 5/8" Tall



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



**Red/Aluminum** - #152 Operating Crossing Gate  
30-11008 \$29.95  
Measures: 9" Tall



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



**Small Oil Drum Set**  
10-4019 \$19.95



**#395 Floodlight Tower**  
30-9049 \$39.95  
Measures: 5" x 5" x 11 1/4"

# Transformers



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, and it has two fixed power outputs you can use for operating accessories. A single Z-4000 will power a lot of layout!

## THE MOST POWERFUL UL APPROVED TRANSFORMER ON THE MARKET

### 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 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"



**Z-4000® Remote Control Receiver**  
40-4002 \$39.95



**Z-4000® Transformer**  
40-4000 \$399.95



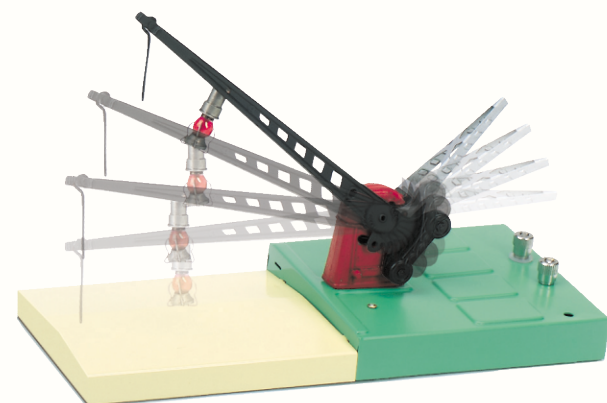
**Z-1000™ Transformer**  
40-1000 \$99.95

# Track

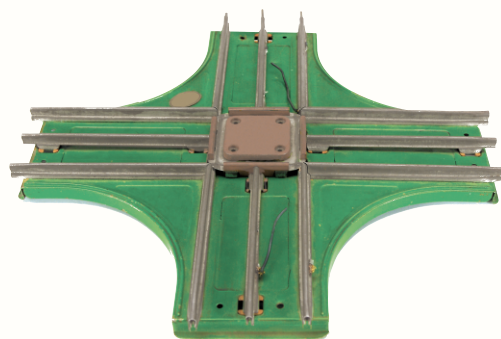
**S**tandard Gauge lovers will find M.T.H.'s Tinplate Traditions standard gauge track line an excellent source for 3-rail track, switches and trackside accessories. Designed to function with original 3-rail standard gauge track, locomotives and rolling stock, the Tinplate Traditions track line, constructed with all metal components, is your best solution to finish off or create an entirely new standard gauge model railroad.

## FEATURES

- Tubular Tinplate Metal Rails
- Includes Rail Pins
- Track Available In Wide or Standard Curve Sizes
- Track Available in Standard or Extra Rail Tie Configurations
- Remotely Powered O-72 and O-42 Switches
- Snap On Lighted Track Lockons



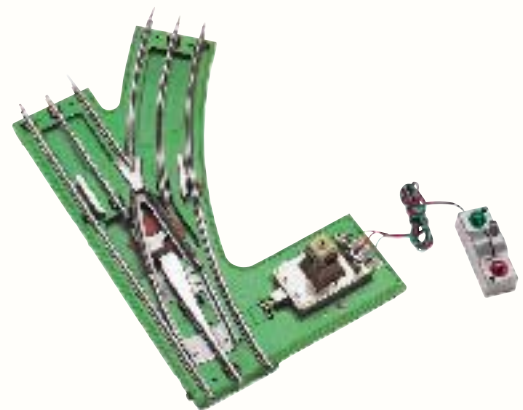
**#46 Crossing Gate and Signal**  
30-11017 \$39.95  
Measures: 16 1/2" x 3 1/2" x 5 3/4"



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



**Wire Harness**  
10-1020 \$3.99



**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



**Green - O Gauge Milk Platform**  
30-9063 \$29.95  
Measures: 7 1/8" x 5 7/8" x 2 1/2"

**Track and Milk Cans NOT Included**



**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 - Straight w/Extra Ties**  
10-1040 \$4.49



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



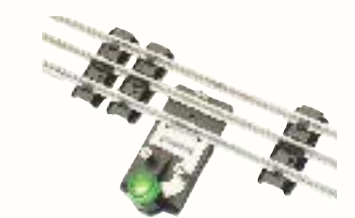
**Std. Gauge Track - 72 Wide Radius Curve**  
10-1041 \$4.49



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



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



**O/Std. Gauge Lighted Lockon**  
10-1021 \$3.99



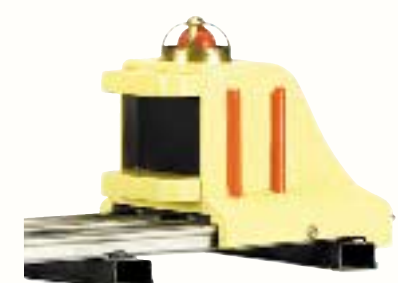
**Std. Gauge Track - 36" Extra Ties Straight**  
10-1045 \$7.99



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



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



**Std. Gauge Track Bumpers**  
10-4005 \$49.95

# DCS - SIMPLE, EASY & FUN!

Every Tinplate Traditions locomotive is capable of operating on most AC transformers in conventional or command environments.

Operating a Tinplate Traditions locomotive in command mode can only be accomplished with the M.T.H. Digital Command System, more commonly referred to as DCS™. DCS unlocks hundreds of features already programmed into your Tinplate Traditions locomotive.

Once wired up, you're ready to run thanks to the simplicity of the DCS™ remote control's intuitive interface. Simply "add" your engines into the remote; there are no names, numbers or complicated commands to remember because DCS™ does most of the work for you.

## How does it work?

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.

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 - such as track voltage at a specific point on the layout, the quality of the DCS signal, or how many scale miles the locomotive has traveled.

## ADD ENGINES IN SECONDS

1 Go to the Engine Set Up menu

▶ ADD ENGINE  
EDIT ENGINE  
DELETE ENGINE  
MENU:ENGINE SETUP

2 Make your Engine choice\*

▶ ADD MTH ENGINE  
ADD TMCC ENGINE  
MENU:ADD ENGINE

3 DCS will "look" for Proto-Sound® 2.0 command equipped engines on your layout. When it finds one, it adds it to your remote and tells you when it is finished.

CONGRATULATIONS  
YOU SUCCESSFULLY  
ADDED AN MTH ENGINE

SMPH: 10  
1: BLUE COMET  
MTC SCS 901 LIN →



## SIMPLE



DCS

## COMPLICATED



TMCC

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



DCS Remote Control System  
50-1001 \$299.95



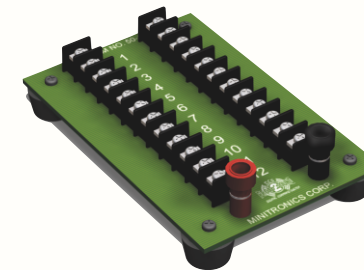
DCS Accessory Interface Unit (AIU)  
50-1004 \$99.95



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



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



12-Port Terminal Block  
50-1014 \$16.95



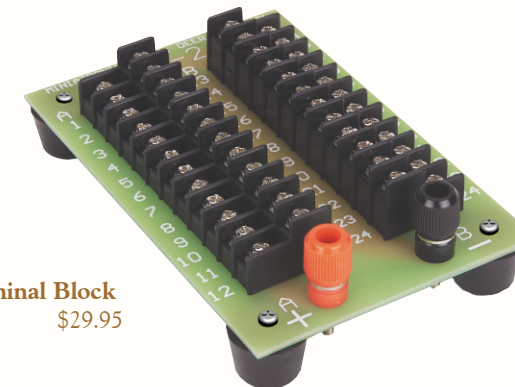
TIU/TMCC 6' Connector Cable  
50-1018 \$19.95



Proto-Sound® 2.0 Battery Charger  
50-1019 \$14.95



AA NiCad Proto-Sound Battery  
50-1024 \$9.95



24-Port Terminal Block  
50-1020 \$29.95

## REQUIRED FOR DCS PROGRAMING



6' Mini-to-Mini Cable  
50-1009 \$9.95



Proto-Sound Battery  
50-1008 \$9.95



TIU/Barrel Jack Adapter Cable  
50-1017 \$9.95

## POWER DCS WITH YOUR Z-1000

## JOIN THE CLUB! GET THE MOST FROM MODEL RAILROADING



**MTHRRRC 400E Steam Locomotive with Proto-Sound® 2.0**  
10-1207-1 \$799.95  
Measures: 32 1/2" x 4 1/4" x 5 3/4"

**MTHRRRC 2005 Club Car**  
10-2057 200 Series Caboose  
Measures: 14" x 4" x 5 1/4"  
Included with Tinplate Membership



### As a Tinplate Member of the 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 or One Gauge) & have the option to collect the other Club cars as well.

#### Club Web Site

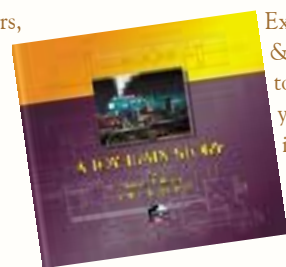
Visit [www.mth-railking.com](http://www.mth-railking.com) & type in your member number to gain access to the Club web site. Exchange messages with other Club members, keep up with the latest news, & even build your own homepage.

#### The CrossingGate® Club Magazine

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

#### M.T.H. Catalogs Come to You

Get catalogs earlier than the rest of our mailing list; you can order before items sell out!



#### Special Club Merchandise

Club members can buy exclusive Club items or receive special discounts on select items. Currently, you can buy our Club-exclusive 400E Steam Engine for \$799.95 & order our 350-page book of M.T.H. history, A Toy Train Story, for only \$25 with your membership. (The book's cover price is \$49.95.)

#### Club Card & Lapel Pin

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

#### Proto-Sound® 2.0 Upgrade Kits

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

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

**Tinplate Membership: \$120.00**



A quick trip to the M.T.H. website will result in a wealth of information on M.T.H. products from a site that was designed to give the visitor easy access to all things M.T.H. Here you will find a complete list of M.T.H. products, an easy to use product / dealer locator, tons of news, and general information on M.T.H. You can even watch videos of M.T.H. products in action.

#### SERVICE INFORMATION

Our Service Page is your direct link to the M.T.H. Tech Support Team. Register your warranty, find a local service center, or submit a product-specific question here. You can even place a parts order through our secured server. It's easy and quick like it should be when you're looking for answers.

#### PRODUCT LOCATOR

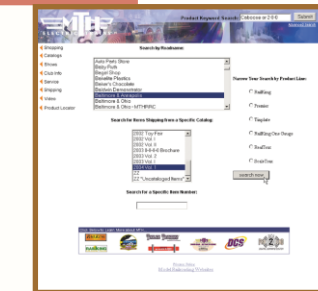
The most popular section of the M.T.H. website can be found here. This is where visitors come looking to locate a particular product within the vast M.T.H. Authorized Retailer network. Developed in 1999, no other manufacturer has yet created a service like this for their customers. With over 7,000 items in the M.T.H. product line, this tool is your best bet for finding a hard-to-get M.T.H. item.

#### VIEW CATALOG

The latest products featured in each M.T.H. catalog can be seen here. This is a popular destination for customers waiting for a new catalog to arrive in the mail. Sign up for our free electronic newsletter & you'll be notified when a new catalog has been posted online. You'll have all the news and details before any of your friends.

#### SHIPPING SCHEDULE

Keeping track of all those M.T.H. items would be an impossible task without our online shipping schedule. We update the schedule every week with the latest releases. You can access this information directly or from the Product Locator section.



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