

www.mth-railking.com  
M.T.H. Electric Trains  
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***RAIL KING***<sup>®</sup>  
By M.T.H. Electric Trains

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By M.T.H. Electric Trains

2000 volume two



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Toll Free Dealer Locator Number

**1-888-640-3700**

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# INTRODUCTION

Our product line has grown enormously over the past few years. In 2000 it's bigger and better than any previous M.T.H. lineup, so we are printing two catalogs: one for our RailKing® Line, and one for our Premier and Tinplate Traditions™ Lines. Both books are filled with model railroading products that will capture the interest of virtually every rail enthusiast.

At M.T.H. we create our magnificent collection of model railroad products based on what we know railfans want. We listen to model railroaders--what you say at train collectors' conventions, through dealer feedback, and via mail and e-mail--to determine what's missing, to find out what you want but do not yet see on the market. We also stay tuned in to what your favorite items are, and we constantly work on ways to make these products better and more innovative for you.

## M.T.H. ELECTRIC TRAINS®

At M.T.H. Electric Trains®, we believe offering model railroaders as much variety and authenticity as possible is not enough. We are also dedicated to providing the most technologically advanced model railroading equipment available. At M.T.H. we believe that it is important to keep abreast of the technology explosion so that we can continue to provide you with model railroading equipment--whether it be engines, accessories, track, or operating systems--that continues to make the hobby easier and more realistic than ever before. To that end, we recently invested more than \$2 million on new technology to improve your model railroading experience. M.T.H. is proud to introduce our new locomotive sound and train control systems. We believe they will make your operating experience more enjoyable, more realistic, and easier than you could have imagined.

Among our most exciting new systems is the improved version of Proto-Sound®, Proto-Sound® 2.0. This impressive system has a sampling rate twice that of the best digital sound system currently available in O gauge model railroading. It is dramatically improved technology that provides for more authentic sound than anything we or our competitors have produced in the past. Among other things, it uses its technology to take advantage of the Doppler principle to mimic the growing and fading sounds of a train as it approaches and passes, just like the prototypes. You can also run your own sound--whether your own voice or a favorite tape--through the system to individualize your locomotives. Proto-Sound 2.0 provides many more sound options than have been available in the past and comes packaged with our revolutionary new Digital Command System (DCS) that allows for more realistic operation of your DCS-ready engines. M.T.H.'s Digital Command System allows for individual control of each engine and accessory on your layout. You'll get variable locomotive speed control,

independent lighting control, diagnostic memory features, customizable, downloadable sounds, and simultaneous TMCC operation, among many other exciting new features. Read more about these revolutionary new features and how they can enhance your railroading experience in the Proto-Sound 2.0 section of the catalog.

We have also replaced the electronic whistles and horns available on RailKing engines with our new Loco-Sound™ system, to give you a more authentic sound than before, but still at a lower price than with the new Proto-Sound 2.0 system. More importantly, most RailKing Ready-To-Run sets now feature remote control, through our new RailKing Wireless Infrared Remote Control. With all the great new technology M.T.H. offers this year, model railroading has never been better!

Armed with the quality and value of the M.T.H. product line, many of our customers have been spreading the word about the joys of M.T.H. model railroading to new and old railroad enthusiasts. This excitement stimulates the growth of our hobby, which is expanding with incredible speed. It also motivates us here at M.T.H. to increase our efforts to produce the types of products and technology model railroading enthusiasts want. To that end, we offer some items to help guide you on your model railroading journey and the world of M.T.H. Electric Trains. These include a soon-to-be-released 240+ page book with more than 1,900 color photographs covering the fascinating history of M.T.H. (we've been around longer than you think!) and an interactive CD ROM with both how-to videos and track-planning software.

## RAILKING®

Proof of our efforts to continue bringing our customers the best quality and value around can be found throughout the following pages. You will find exciting locomotives, rolling stock and accessories. Each item is designed and manufactured to meet the standard of quality you expect. We accomplish this by ensuring that our products are easy to understand, easy to operate, and easy to service. For example, M.T.H. locomotives, which are constructed from high quality ABS plastic or die-cast and stamped metal components, feature our modular chassis design (MCD) concept which ensures that each engine is easy to operate and easy to service. You can accomplish most basic repairs with just a screwdriver.

As you learn more about M.T.H. Electric Trains through the pages and images of this catalog, you will come to understand how and why M.T.H. has taken the lead in the O gauge market. If you like what you see, visit our web site or contact us to find a dealer near you so that you may experience first hand why M.T.H. Electric Trains is your best source for O gauge value and quality.

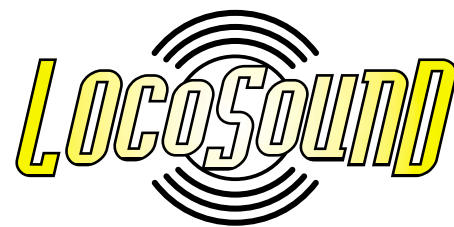
# Bring Your Layout Alive

For 2000, virtually every RailKing engine and Ready-To-Run set is available with a sound system. The electronic bells and whistles have been replaced by the Loco-Sound™ system, which provides authenticity not found in our previous inexpensive locomotives. And we're especially proud to announce the arrival of the totally redesigned Proto-Sound 2.0 with Digital Command System, a digital control system that offers more options and more realism than any other model railroad manufacturer. Read about both of our exciting new options below.

## M.T.H. ELECTRIC TRAINS

### LOCO-SOUND

M.T.H. introduces Loco-Sound™, an all-new sound system to replace the electronic whistles and horns that have previously been available on RailKing locomotives and Ready-To-Run sets. Loco-Sound, which is available on most RailKing engines and starter sets, supplies full locomotive sounds, including bells, whistles or horns, and the engine sounds of steam chuffing, a diesel roar, or an electric motor. It also features locomotive speed control, a cruise-control system that helps stabilize the train's speed as it travels up and down grades and around curves.\* Loco-Sound represents an excellent way to bring additional realism to a layout for those who prefer the less expensive of our locomotive versions.



#### Loco Speed Control

To complement Loco-Sound, we have also developed an inexpensive wireless infrared remote control. It is included in most RailKing Ready-to-Run train sets and is also sold separately. This remote offers control of locomotive functions, including bells and whistles or horns, locomotive speed, and direction. It is fully compatible with virtually any manufacturer's locomotives and transformers.

\*This is true with the understanding that all loads are within the power supply capacity.



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### PROTO-SOUND 2.0 WITH DCS

#### The Operating System for the New Millennium

In the Millennium Year 2000 and beyond, virtually every M.T.H. locomotive or Ready-To-Run™ train set can be ordered with model railroading's most revolutionary digital control system: Proto-Sound® 2.0 featuring the Digital Command System (DCS).

Taking digital sound and train control systems to new heights, Proto-Sound 2.0 is a state-of-the-art digital sound and train control system that must be heard and seen to be believed. Its quality and features, designed by M.T.H.'s own research and development team, are unmatched by any other model railroading manufacturer. Operation starts right out of the box, with no additional equipment or wiring to your layout needed for basic conventional operation. Engines equipped with Proto-Sound 2.0 are perfectly compatible with engines not so equipped. You simply hook up any compatible transformer and begin experiencing the digital world of model railroading in ways unmatched and unimaginable.

#### The Sound System

Proto-Sound 2.0 is a digital sound system utilizing authentic railroad sounds. Steam engines feature steam chuffing, squeaking brakes, whistles and bells, while diesel locomotives rumble with diesel roar, throaty horns and chiming bells. Proto-Sound 2.0 utilizes a much higher sampling rate than earlier Proto-Sound versions. In fact, Proto-Sound 2.0 has a greater dynamic range than any of our competitors. In plain English, this means higher highs and lower lows for an unmatched model railroading experience.

Proto-Sound 2.0 features a bevy of new sound features that will transform your operating experiences to a far higher level of realism than you ever thought possible. Every Proto-Sound 2.0-equipped locomotive features improved and all-new Proto-Effects™ including:

- New and Improved Cab Chatter With Dozens of Different Voice Accents
- Locomotive Start-up and Shut Down
- All-New Passenger Station Sounds or Freight Yard Sounds
- Squeaking Brakes and Coupler Release Sounds.
- Coupler Slack Sounds
- Wheel Clickety-Clack Sounds
- Train Wreck Sounds
- Dozens of randomly-created voice accents

Proto-Sound 2.0 also comes equipped with three exciting new sound effects; Proto-Doppler, Proto-Dispatch and Proto-Cast each of which is explained in the sidebars on the following pages.

In addition, Proto-Sound 2.0-equipped locomotives feature a redesigned Proto-Coupler system that can be controlled with one simple button push as well as a redesigned ProtoSmoke system that allows user control over smoke output.

Finally, and most importantly for prototypical operations, every Proto-Sound 2.0-equipped locomotive comes with Proto-Speed Control (see the sidebar on page 3), a sophisticated monitoring system that provides constant speed control of your locomotive or consist, whether you are operating in Conventional or Digital Command Modes.

### The Digital Command System

The Digital Command System (DCS) found in Proto-Sound 2.0 is a digital control system that allows operators to command multiple engines, tracks, switches, and accessories at one time with a single remote. When in Digital Command System Mode, a constant voltage level is applied to a layout or track block. You will be able to individually control each DCS engine or any accessory with the touch of a button on the DCS Remote Controller.

The separately sold Digital Command System Remote features a four line LCD screen and 32 push buttons for control over basic locomotive functions, including whistle or horn activation, bell, speed control, direction control and coupler operation. Scroll through its simple easy to use menus each allowing quick and easy access to the multitude of exciting new features in Proto-Sound 2.0. DCS Remote Control will immediately recognize up to 50 different engines when first powered up on your layout. Once an engine is recognized, change your favorite operating settings, including volume levels, assignment of locomotive addresses and names, lighting, smoke output, and dozens more with the touch of a few buttons.

Operation of your Digital Command System engine has never been more realistic. When operating in Command mode, operators can utilize the Proto-Speed Control function to control the speed of an engine in one scale mph increments. This revolutionary system doesn't require special motors yet will not allow a locomotive to change speed during operation even if the environment changes. Enter a grade or sharp curve with an engine programmed to travel at 5 scale mph and that engine will continue to travel at 5 MPH. Couple up a long consist for an engine previously operating by itself at 10 MPH and watch as the engine continues to operate at 10 MPH, even going up and down grades!\*

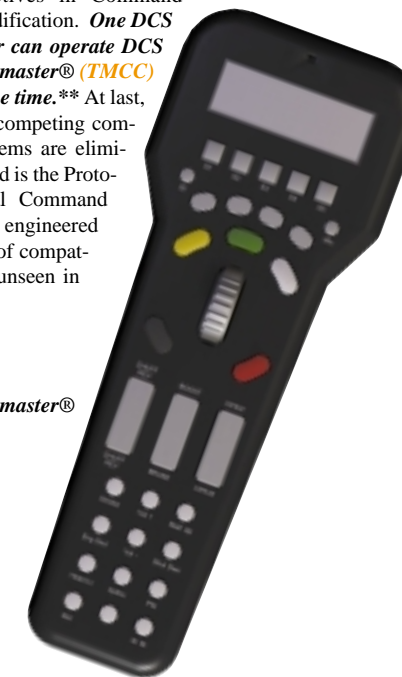
Our Digital Command System remembers your commands and can record them for playback later. Create a demo of your consist's operation and play it back with the touch of a button. Every locomotive operation, accessory operation or switch action will be remembered and played back. In fact, every minute of operation on your DCS-equipped locomotive is stored in an electronic odometer. This allows the owner to have a complete record of the actual scale miles the train has traveled. For collectors it's a great way to confirm the use of an engine.



Use the Digital Command System to control switches and trackside accessories (up to 250 of each, for a total of 500). With a Digital Command System Track Interface Unit (TIU) and Accessory Interface Unit (AIU), any track switch or accessory can be interfaced with the system. This allows operators to maintain complete control over their layout with the touch of a button on the DCS Remote. Best of all, no complicated wiring is required. Simply wire up a switch or accessory to the Digital Command System AIU just as you would to a button or track activation device. It's that simple.

The Digital Command System brings full compatibility to the model railroading community. Unlike O Gauge railroading's other 3-Rail command system, Lionel's® Trainmaster® (TMCC), the Proto-Sound 2.0 Digital Command System can control both Proto-Sound 2.0 equipped locomotives and Trainmaster® equipped locomotives in Command Mode without modification. **One DCS Remote Controller can operate DCS engines and Trainmaster® (TMCC) engines at the same time.\*\*** At last, the limitations of competing command control systems are eliminated. All you need is the Proto-Sound 2.0 Digital Command System, specially engineered to provide a level of compatibility previously unseen in O Gauge!

\*\* Requires Trainmaster® Command Base



**Proto-Speed Control** is a revolutionary feature that utilizes micro-processor monitoring of your engine's motor revolutions, continuously making adjustments to the engine's speed to maintain locomotive speed, much as a real engineer does when traveling over variable terrain. When active, a Proto-Sound 2.0-equipped locomotive will experience only slight changes in speed when traversing grades and curves. At last, prototypical speeds can be attained without special motors or operating modes. In fact, the system is so sophisticated it allows engines to travel at speeds of 3 scale miles per hour or less! More importantly, the system can be overridden when double-heading with non-Proto-Sound- or earlier Proto-Sound-equipped locomotives. When the new system is disabled, your Proto-Sound 2.0-equipped locomotive will operate in the same manner as any other previously designed M.T.H. steam or diesel locomotive.



**Proto-Doppler** puts the **WOOOOOsh** in sound. Originally discovered by the Austrian mathematician and physicist, Christian Doppler (1803-53), the Doppler Effect represents the change in pitch and volume that results from a shift in the frequency of the sound waves as evidenced by the sound of an approaching object. For example, as an ambulance approaches, the sound waves from its siren are compressed towards the observer. The intervals between waves diminish, which translates into an increase in frequency or pitch. As the ambulance recedes, the sound waves are stretched relative to the observer, causing the siren's pitch to decrease. By the change in pitch of the siren, you can determine if the ambulance is coming nearer or speeding away. In model railroading, the Doppler Effect has long been considered the ultimate goal of sound system development. Now, thanks to Proto-Sound 2.0, this effect can be reproduced in a locomotive. Imagine getting close to the track, watching and listening as a train whooshes past. You'll hear the oncoming sound followed by the receding fade as the train passes by just like you would if you were standing at trackside.



**Proto-Dispatch** takes Proto-Sound's cab chatter one step further toward reality. Now, instead of listening to the pre-recorded Cab Chatter messages that come standard in every Proto-Sound 2.0-equipped locomotive, you can actually interact with your train by broadcasting your own voice through the locomotive's speaker. A built-in microphone has been incorporated into the Proto-Sound 2.0 DCS Remote Control. Simply press a button and speak into the mic to create your own personalized Cab Chatter messages or interact with the pre-recorded Cab Chatter messages in your locomotive. It's great fun and an easy way to get the whole family involved in your railroad operations.



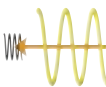
**Proto-Cast** is perhaps the most exciting new addition to the Proto-Sound system. By using the TIU and any external audio source, like a tape deck or CD player, you can now broadcast your favorite songs or stories through your locomotive's speaker. Imagine using Proto-Cast to play your favorite railroad songs through your train or "broadcasting" a train story from tape, like "The Little Engine That Could," while your train runs around the layout. Better yet, play your own favorite prototype recordings as you run your trains. Its easy to use and makes for great entertainment on your layout.

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# PROTO-SOUND 2.0

THE OPERATING SYSTEM FOR THE NEW MILLENNIUM

M.T.H. ELECTRIC TRAINS



## Proto-Sound 2.0 Conventional Operation Features - Accessible Through Any Compatible Transformer

- Authentic Bell & Horn or Whistle Sound Effects
- Authentic Locomotive Chuffing or Diesel Engine Sound Effects
- Authentic Locomotive Start Up and Shutdown Effects
- Conventional Mode Proto-Effects Including Cab Chatter, Passenger Station and Freight Yard Sounds
- Proto-Coupler Remote Operation
- Proto-Speed Control Monitoring - A Cruise Control Type System That Maintains A Locomotive or Consists Speed During Grade Changes
- Proto-Speed Control Disable
- Model Railroading's Highest Dynamic Sound Range - For Higher Highs And Lower Lows
- Built-In, Self-Recharging Battery Backup System
- Squeaking Brake Sounds
- Maintenance Sound Effects
- Constant Voltage Lighting
- ProtoSmoke Operation

## Proto-Sound 2.0 Digital Command System (DCS) Features - Requires Optional Digital Command System Remote Control, Track Interface Unit (TIU) and Accessory Interface Unit (AIU)

### All Conventional Features Plus Features Listed Below

- Independent Locomotive Control - Operates Up To 50 Different Locomotive On The Same Track At The Same Time. Assign Locomotive IDs, Turn Engines ON or OFF or Run Different Engines At Different Speeds On The Same Track
- Enhanced Proto-Speed Control - Operate Locomotives As Slow As 1 Scale Mile Per Hour And Maintain Speed Up And Down Grades
- Enhanced ProtoSmoke Operation - Variably Control Smoke Output
- Enhanced Constant Voltage Lighting Control - Control Locomotive Lights Independently, Turn On or Off or Flash Ditch Lights, Cab Interior Lights, MARS Lights, Beacon Lights or Headlights
- Remote Control Over Layout Accessories - Requires No Modification To Accessories. Simply Wire Up Any Manufacturer's Accessory To An Accessory Interface Unit For Remote Control Via The DCS Remote (Requires AIU)
- Remote Control Over Track Blocks And Switches - Requires No Modification To Track or Switches. Simply Wire Track Blocks or Switches To A Track Interface Unit For Remote Control Via The DCS Remote (Requires AIU)
- Customize Proto-Sound 2.0 DCS Locomotives With Downloadable Sounds - Change Bells, Whistles or Proto-Effects For A Unique, Personalized Locomotive. Change Your Passenger Station Proto-Effect To A Freight Yard Proto-Effect.
- Proto-Cast - Play Your Favorite Tapes or CDs Through Your Train During Operation. You Can Even Play Bedtime Stories to Your Children
- Proto-Doppler Sound Effects - Easy To Use Feature That Simulates The Growing And Fading Sounds Of A Locomotive As It Approaches And Then Passes By
- Proto-Dispatch - Be Your Own Dispatcher. Broadcast Your Voice, In Real Time, Though Your Train's Speaker While It Is Running
- Extended Locomotive Start Up and Shutdown Effects
- All New Proto-Effects - Select And Play Coupler Slack Sounds, Wheel Clickety Clack Sounds, Train Wreck Sounds and Many More
- Independent Volume Control Of Bell, Horn or Whistle, Engine Sounds and Proto-Effects
- Global Volume Control Of All Active Proto-Sound 2.0 Equipped Engines
- Global Or Individual One-Touch Mute - Mute All Proto-Sound 2.0 Sounds With A Touch Of A Button. -Global Or Individual One-Touch On Or Off Control - Turn On or Off Lights. Choose An Individual Locomotive Or All Proto-Sound 2.0 Equipped Locomotives To Be Affected
- Diagnostic Memory Features - Proto-Sound 2.0s Digital Command System Provides Sophisticated Monitoring Information Of Engine Statistics Including Locomotive Model Type, Model Name, Scale Miles Traveled And All Current Proto-Sound 2.0 Settings. It Is A Perfect Way To Authenticate An Engine's

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## How Proto-Sound 2.0 Forced M.T.H. To Rethink M.T.H. Locomotive Design:

With the advent of the latest version of Proto-Sound, M.T.H. had to take a long hard look at our locomotive product line designs. Because of the revolutionary changes Proto-Sound 2.0 provides model railroad operators, many existing features in M.T.H. locomotives had to be redesigned. For example, Proto-Sound 2.0's ability to control various functions of an M.T.H. engine forced those systems to be compatible with the new sound and train control system. Lighting previously controlled by stand-alone circuit boards is now controlled by the Proto-Sound 2.0 system. Redesigned smoke units now have their output controlled by the system, and a new lower-voltage Proto-Coupler system forced the redesign of the old Proto-Coupler.

Each of these improvements required either redesign or changes to their older counterparts in order to operate in locomotives equipped with Proto-Sound 2.0. Even the chassis have been replaced or redesigned to allow for the new electronic components. The end result: not only do today's model railroaders have a state-of-the-art sound and train control system, they actually have redesigned locomotives. Fortunately, these new designs and components allow new M.T.H. Proto-Sound 2.0-equipped locomotives to remain completely compatible with our past Proto-Sound-equipped engines. This means you can run a new Proto-Sound 2.0 engine with an older Proto-Sound engine without incurring any operational problems. What it doesn't allow, at least today, is the ability to bring those older engines up to today's Proto-Sound 2.0 standards.



LIGHT SMOKE



MEDIUM SMOKE



HEAVY SMOKE



Now you can set the amount of smoke your engines output.

GO TO [www.protosound2.com](http://www.protosound2.com)

## Proto-Sound 2.0 Digital Command System vs. Conventional Operation

The terms sound confusing and can overwhelm the inexperienced train operator, but really the concepts are quite simple. "Command-Ready" components, whether they be the Digital Command System or another manufacturer's system, are simply locomotives or accessories that can interface with the proprietary system they were designed for. When in "Command Mode", an operator has configured his or her layout for an operating environment that allows every component within that layout to be communicated with directly and independently from a common communication source (usually a remote control). This is usually accomplished by completing the procedures to enter command mode and then turning up the transformer controlling the desired track block (or entire layout) to full voltage. The accessories and locomotives operating in these blocks are now configured to ignore the track voltage and instead will respond to commands from the communication source to activate various features (direction, speed, operation of accessory, etc.). Because each accessory or locomotive is responding to signals from the communication source independently, multiple operations can occur at the same time. Thus two or more engines can function on the same track (at different speeds) even though the track voltage is the same and is controlled by the same transformer.

Conventional operation is just the opposite. Every accessory or locomotive on a given track block will respond at the same time to the transformer voltage being applied to the track block. Individual control over various actions of each locomotive or accessory is prohibited. However, every engine or accessory can operate with other manufacturer's accessories or locomotives when in Conventional Mode, regardless of whether these items are outfitted to be Command Ready. Therefore, whenever you are operating in Proto-Sound 2.0 Conventional Mode you are guaranteed that every other manufacturer's products, including all earlier versions of Proto-Sound, will function with your Proto-Sound 2.0 equipped locomotive.

Operating Proto-Sound 2.0 is simple. Just put your engine on the track, right out of the box. As soon as you power-up your transformer, you will hear the authentic sounds of your diesel, steam, or electric engine awaken as it awaits your command to start moving. Your transformer's throttle and its whistle button activate all the conventional Proto-Sound 2.0 features listed. There is no need to purchase a whole new control system with dozens of buttons and keystrokes to memorize; Proto-Sound 2.0 works with almost any AC transformer. Of course, Walk-around freedom is also available for those interested in purchasing the Proto-Sound 2.0 DCS Remote Control. In fact, Proto-Sound 2.0's DCS Remote will control any Lionel® locomotive equipped with Trainmaster®, even when running in Command Mode. Operate both Lionel® Trainmaster® equipped engines and Proto-Sound 2.0 DCS equipped engines at the same time. Its one solution for multiple engines. To operate Digital Command System features, simply enter Command Mode and begin using the Digital Command System Remote Control to activate your locomotive and accessories. If you wish to operate in Conventional Mode, you can still use your Digital Command System Remote Control or any remote control system, including the Z-4000 Remote. The only features you won't be able to access in Conventional Mode are Digital Command System features.



Control virtually everything on your layout from locomotives to accessories to switches. It's as easy as a touch of a button.



# CHOOSE YOUR POWER & REMOTE CONTROL OPTIONS

M.T.H. now offers three excellent options for model railroaders looking to break away from a stand-alone transformer: the RailKing IR Remote Control System, the Z-4000 Remote Control System and the DCS Remote Control System required for use with our revolutionary new Digital Command System. If you are looking for the easiest and most advanced remote control to operate your locomotives equipped with the original version of Proto-Sound, the Z-4000 Remote is a great choice. But if you want to take full advantage of all the amazing features provided by the ground-breaking new Proto-Sound 2.0 and Digital Command System, you'll need the DCS Remote Control.

## RailKing IR Remote Control System

The RailKing Remote Control system could not be easier to use. It controls locomotive speed and other features available on your MTH locomotive as simply as a television remote control, from as far away as fifteen feet and functions with any manufacturer's locomotives and transformers. Enjoy the ease of operating your train set from anywhere in the room



**IR Remote Control System**  
Item No. 50-1012  
\$49.95

**IR Remote Control**  
Item No. 50-1011  
\$39.95

**IR Remote Remote Lock-on**  
Item No. 50-1013  
\$14.95



## Z-4000™ Remote Control System

If you want to operate your model railroad in a new yet familiar way with the freedom of a wireless hand-held controller, M.T.H. Electric Trains has the perfect solution: the Z-4000 Remote Control System.

This system interfaces quickly and easily with up to three powerful 400 Watt Z-4000 Transformers to bring simple, portable control to your model railroad empire in ways not found in our competitors' remote control systems. Simple design with easy-to-use functionality make the Z-4000 Remote Control System a great remote control system for model railroaders looking to break away from a stand-alone transformer.

Equipped with features that simplify and enhance operating your trains, the Z-4000 Remote Control System is similar enough to the Z-4000 transformer to have you up and running your trains in minutes. Get down to track level, follow your trains around, or operate from the comfort of your easy chair. It's all possible thanks to the fun and excitement of the Z-4000 Remote Control.



**Z-4000 Remote Control System**  
**(1) Remote Handheld**  
**(1) Remote Receiver**  
Item No. 40-4001  
\$79.95

## Z-4000 REMOTE FEATURES

**LCD Display** - The handheld LCD Display informs the user of the commanded track voltage during normal train operation and simplifies Proto-Sound® feature selection during programming.

**Controls Two Tracks** - Using the Track Selector Switch, operators can switch between two different tracks on the fly. The Z-4000 Remote Control Handheld will remember each track's settings and display them when the track is selected.

**Rotary Throttle Dial** - Simply roll the thumb-wheel style throttle on the Remote Control Handheld upward or downward to control the speed of your trains. The rotary style throttle enables switching between active tracks while retaining the previous throttle setting. It also doubles as a Program Mode selector by allowing the user to scroll through Proto-Sound® features.

**Bell Button** - Activates the bell sound in any manufacturer's sound-equipped engines. The button is also used to select a feature in the Program Mode when programming any Proto-Sound®-equipped locomotives.

**Whistle/Horn Button** - Activates the whistle or horn sound in any manufacturer's sound-equipped engines. The button is also used to activate the Proto-Coupler® found on any Proto-Sound®-equipped locomotives.

**Program Button** - Enables the user to toggle in and out of the Program Mode when programming any Proto-Sound®-equipped locomotives.

**Direction Button** - Interrupts the track power to allow any manufacturer's engine to change direction.

**Boost/Brake Button** - Self-centering rocker switch that allows users to accelerate or decelerate any manufacturer's locomotive during operation, independent of the throttle setting. Releasing the button will return the throttle voltage to the previously selected setting.

**Emergency Stop Button** - Immediately sets the commanded track voltage of both tracks to zero.

**Simultaneous Operation With Z-4000 Transformer** - Allows the user to control the track with either the Z-4000 stationary controls, the Z-4000 Remote Control Handheld's controls or both. The system automatically switches between the Z-4000 Remote Control Handheld and the Z-4000 Control Panel whenever a change in the controls is made.

**Multiple Remote Control Operation** - The Z-4000 Remote Control System allows for up to 3 individual Z-4000 Remote Control Handhelds to be used simultaneously with one Z-4000 Remote Control Receiver. Additionally, one Remote Control Handheld can control 3 Remote Control Receivers when attached to 3 Z-4000 transformers. For a total of 6 tracks.

**Power Source Management** - Built-in Sleep Mode allows Z-4000 Remote Control to go inactive when not in use, to preserve battery life.  
**Operates All Manufacturers' AC Powered Locomotives** - Provides full conventional control of all AC 3-Rail trains when used in conjunction with a Z-4000 transformer, giving the operator the added freedom that can only be provided by a wireless hand-held remote control.

## DCS Remote Control System

The Digital Command System (DCS) Remote Control provides the operator with more control and freedom than any other remote control unit. The DCS Remote lets you individually control each DCS-ready locomotive, switch, and accessory with the touch of a button on a single hand-held unit from as much as fifty feet away. Best of all, the DCS Remote Control is compatible with other command control systems, like Lionel's® Trainmaster® system. Now, all command control operators can use one DCS remote from MTH Electric Trains to control their Lionel® Trainmaster® equipped locomotives with their Proto-Sound 2.0 DCS equipped engines - all at the same time.

Each Proto-Sound 2.0 DCS Remote Control features state-of-the-art functionality that gives you unprecedented control over your model railroad. The DCS Remote interacts with the user in two different modes, each dependent on the types of engines you are operating, the types of transformers you are using, and whether you are operating in Digital Command or Conventional Modes.

## DCS REMOTE FEATURES

### Conventional Mode Locomotive Operation Features

- Bell and Horn/Whistle Control
- Track Voltage Control
- Conventional Mode Proto-Speed Control
- Emergency Stop
- Direction Control
- DCS Remote Control over Z4000 Transformer Programming Features
- Conventional Mode Proto-Effects Operation
- Proto-Coupler Operation

### Digital Command Mode Locomotive Operation Features

- DCS Proto-Speed Control
- ProtoSmoke Variable Output Control
- Locomotive Lighting Control
- Automatic Locomotive Reset
- Emergency Stop
- One Touch Global Mute/UnMute
- One Touch Proto-Coupler Operation
- Adjustable Master Volume Control
- Global Locomotive Speed Control
- Proto-Dispatch Operation
- Proto-Doppler Sound Operation
- Command Mode Proto-Effects Operation
- Independent Volume Control
- Store up to 50 Different DCS-Equipped Locomotives at One Time
- Engine, Bell, Horn & Whistle Volume Adjustment
- Chuff Rate Selection Set Up
- Proto-Effects Set Up
- Proto-Doppler Sound Effects Set Up
- Proto-Speed Control Set Up
- Direction Control Set Up
- Proto-Smoke Output Set Up
- Locomotive Lighting Set Up
- Locomotive Consist Set Up
- Query Locomotive Information
- User Can Query, Set and Operate Track and Accessory Interface Units for Programming
- Digital Command Operations for up to 250 Accessories and 250 Individual Switches
- User Can Script, Record and Playback Train Routes



**DCS Remote Control System**  
Item No. 50-1001  
\$199.95

**DCS Remote Control**  
Item No. 50-1002  
\$129.95

**DCS Track Interface Unit (TIU)**  
Item No. 50-1003  
\$99.95

**DCS Accessory Interface (AIU)**  
Item No. 50-1004  
\$79.95



Note: Proto-Sound 2.0 will not operate on 50hrz power

## Z-4000™ Transformer

Operators of any O, S, or Standard Gauge locomotive, regardless of manufacturer, will appreciate the power and control features found in the 400-Watt Z-4000™ transformer - the only U.L. Approved 400-Watt RMS transformer available today. The transformer's control panel has a voltage display, amperage display, and horn, bell, direction, and programming buttons for two track outputs. Two additional fixed voltage outputs are also available, making the Z-4000 the perfect choice for operating locomotives and accessories.

Programming any Proto-Sound®-equipped locomotives simply requires the operator to scroll through the features on the LED display by using the whistle and direction buttons. Macro features have also been included in the Z-4000 transformer giving the Proto-Sound owner the opportunity to use popular Proto-Sound features, like directional lock-out, with just a few button clicks.

Perhaps the most exciting feature of the Z-4000 is its microprocessor-controlled operating system. There is actually a powerful computerized brain that makes the Z-4000 highly upgradeable. In fact, the Z-4000 has been designed so that add-ons like a walk-around throttle system will be easy and quick to install and use. This product has earned the UL listing mark.

## Z-4000 TRANSFORMER FEATURES

- UL Listed To US and Canadian Safety Standards
- Pure Sine Wave Power Signal
- (2) 21v Variable Track Outputs
- (1) 14v Fixed-Voltage Output
- (1) 10v Fixed-Voltage Output
- Internal Cooling Fan
- On/Off Power Switch
- Expansion Port for Z-4000 Remote Control System
- Compatible As Power Source For All O Gauge AC-Powered Locomotives
- (2) Voltage LED Displays
- (2) Amperage LED Displays
- Resettable Circuit Breakers for Each Output
- Large Red LED Overload Indicator
- Large Green LED Power On Indicator
- Measures: 8 3/4" High, 11 1/8" Front to Back, 14 3/4" Wide



**Z-4000™ Transformer**  
Item No. 40-4000  
\$399.95

**M.T.H. ELECTRIC TRAINS**  
**O Gauge's Technology Leader**

# RailKing Line

M.T.H. RailKing® Locomotives, Starter Sets, Freight and Passenger Cars, Track Systems, and Accessories provide our customers a level of excellence and value unequaled by other manufacturers. The RailKing line is perfect for those of you who prefer traditionally sized models, whether for nostalgic reasons or because a complete layout of this size occupies less space than the scale models. You'll be able to enjoy your traditionally-sized layouts with the full knowledge that you'll never have to compromise on quality with the RailKing name: we provide Quality in the Tradition You Remember.

The variety, authentic detail, quality of construction, and affordable prices make it easy for you--whether you are a model railroader just starting out or are in it for the long haul--to obtain all of those special pieces needed to make your collection what you want it to be. All RailKing items are of a caliber that far exceeds those that were on the market in years past, as well as those offered today by other manufacturers. Diligent product reviews during all processes of production enable us to include improvements and enhancements in everything we make, before anything is released into your hands. . . the hands of our valued customers. This ensures the realization of our commitment to provide you with the best value in model railroading. You'll find this commitment unmatched by other manufacturers, ensuring that RailKing products, including our starter sets, will make a lasting impression for years to come.

In addition to providing the best value, we are committed to providing you with the most cutting-edge technology available in O Gauge model railroading. To that end, we are proud to introduce several new technological systems that will make your model railroading experience easier and more authentic than ever before.

For instance, most RailKing locomotives, including most of those offered in our Ready-To-Run train sets, can be ordered with our new Loco-Sound™ sound system, which improves upon and replaces the electric whistles and horns that have been available on our previous RailKing engines. Most RailKing engines are optionally available with our revolutionary new upgrade, Proto-Sound® 2.0 with Digital Command System (DCS), featuring Proto-Effects™. A technological marvel, Proto-Sound 2.0 was designed to enhance the operator's ability to produce realistic sound effects and precision remote control performance over a multitude of railroading tasks. You can customize the sound effects coming from your locomotives with Proto-Sound 2.0.

M.T.H.'s new Digital Command System, packaged with Proto-Sound 2.0, allows you individual control over many railroading functions, ranging from locomotive functions such as speed, lights, and smoke to operating accessories and track, with a single remote control. You can run two trains on the same track at different speeds, among other exciting functions. Read more about these exciting new systems in the Proto-Sound® 2.0 section of the catalog.



The final technological addition to our RailKing line is that we now provide remote control operation standard on most RailKing Ready-To-Run Train Sets, via our Loco-Sound Wireless Infrared Remote Control. This new feature makes our Ready-To-Run Sets a bigger value than ever.



*Get on board and ride the RailKing Rails!*

*Enjoy the scenery as you journey through the RailKing portion of the MTH Year 2000, Volume 2 Catalog.*

*Explore the possibilities as you recognize the MTH commitment to quality and value in every product*

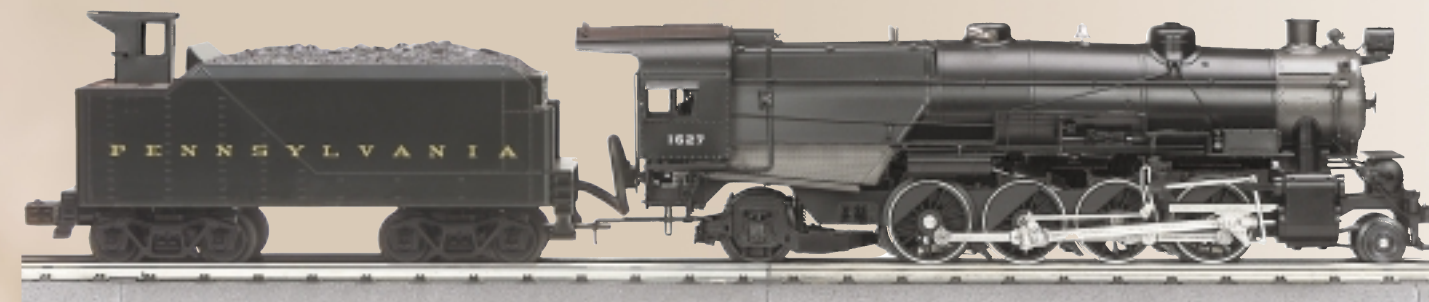
*featured on the following pages.*

*Then you can join the growing ranks of RailKing fans who*

*know that RailKing is the best ticket to fun and excitement in O Gauge model railroading.*



**NEW**



*Add a Pennsylvania 6-Car Freight Set  
See Page 55*

## Pennsylvania 2-8-2 L-1 Mikado Steam Engine

The less-known twin of the famous K-4s series steam engine, Pennsylvania's L-1 Mikado shared its sibling's incredible power and speed; the "Mike" hauled Pennsy's freight using the same boilers that powered the K-4s. The Mikados' affectionate nickname, "Lollipops," (the name apparently came from their extra length) belied their tremendous power, which frequently had them assigned to rescue duties when an M1 stalled on Rockville Bridge over the Susquehanna and needed to be towed out.

Pennsylvania's 574 strong fleet of L-1 Mikado engines was built in the erecting



shops at Baldwin, Juniata, and Lima between 1914 and 1918. The engine's production schedule was stepped up early in World War I, when they were needed to power massive wartime tonnage over the mountains in the central portions of the PRR's route. The engine stayed in service until 1957, near the end of PRR's steam days.

The M.T.H. RailKing 2-8-2 L-1 Mikado Steam Engine accurately depicts the PRR's powerful engine with its realistic detail, standard features and optional equipment listed.

Pennsylvania  
2-8-2 L-1 Mikado Steam Engine  
Item No. 30-1164

\$299.95 . . . . .30-1164-0 w/Loco-Sound™  
\$399.95 . . . . .30-1164-1 w/Proto-Sound® 2.0

### FEATURES INCLUDE

- Die-Cast Boiler and Tender
- Die-Cast Metal Drivers
- Metal Handrails and Decorative Whistle
- Precision Flywheel-Equipped Motor
- Operating Headlight
- Metal Wheels and Gears
- Operates on O-31 Track
- Detailed Cab Interior
- Operating Metal Coupler
- **Redesigned** Operating ProtoSmoke® System
- Equipped with your choice of **All-New Loco-Sound™** Featuring Locomotive Speed Control and Bell, Whistle and Steam Chuffing Sounds or **All-New Proto-Sound® 2.0** with Digital Command System Featuring Freight Yard Proto-Effects™, Squeaking Brakes, and Improved Remotely Controlled Proto-Coupler®
- Among the many exciting new features available with the optional new Digital Command System are
  - Variable Locomotive Speed Control
  - Variable Smoke Unit Output
  - Independent Light Control
  - Diagnostic Memory Features
  - Customizable, Downloadable Sounds
  - Simultaneous TMCC Operation
- Locomotive Measures Approximately:  
20" x 2 1/2" x 3 1/2"



**NEW**



*Add a Norfolk & Western 4-Bay Hopper Set  
See Page 55*

## Norfolk & Western 2-8-8-2 Y6b Steam

The first modern design steam engine on the Norfolk and Western, the Y-6 class was an awesome figure on the popular railroad. The Y6 engine, called the "workhorse of the N&W," was particularly well suited to mountain terrain, and its engineers said it was unstoppable as it labored its way up a grade. Often used to power coal trains, the Y6 and improved Y5 class engines packed so much power they were rated at only two locomotives for a 10,300 pound load on the tough Radford Division eastbound Allegheny climb. Weighing more than 600,000 pounds and producing more than 150,000 pounds of tractive effort, the 2-8-8-2 Mallet was up to any task put before it.



Thirty new Y6b engines built at the Roanoke shops between 1948 and 1950 were the last compound articulated steam locomotives built in North America. The reliable and powerful modern Class Y6 engines were the final steam engines retired in 1960 when the N&W completed its transition to diesel power.

The M.T.H. RailKing 2-8-8-2 Y6b Steam Engine is a realistic version of N&W's famous workhorse, with its standard features and optional equipment listed.

Norfolk & Western  
2-8-8-2 Y6b Steam Engine  
Item No. 30-1163

\$599.95 . . . . .30-1163-0 w/Loco-Sound™  
\$699.95 . . . . .30-1163-1 w/Proto-Sound® 2.0

### FEATURES INCLUDE

- Die-Cast Boiler and Tender
- Die-Cast Metal Drivers
- Metal Handrails and Decorative Whistle
- Two Precision Flywheel-Equipped Motors
- Operating Headlight
- Metal Wheels and Gears
- Operates on O-31 Track
- Detailed Cab Interior
- Operating Metal Coupler
- **Redesigned** Operating ProtoSmoke® System
- Equipped with your choice of **All-New** Loco-Sound™ Featuring Locomotive Speed Control and Bell, Whistle and Steam Chuffing Sounds or **All-New** Proto-Sound® 2.0 with Digital Command System Featuring Freight Yard Proto-Effects™, Squeaking Brakes, and Improved Remotely Controlled Proto-Coupler®
- Among the many exciting new features available with the optional new Digital Command System are
  - Variable Locomotive Speed Control
  - Variable Smoke Unit Output
  - Independent Light Control
  - Diagnostic Memory Features
  - Customizeable, Downloadable Sounds
  - Simultaneous TMCC Operation
- Locomotive Measures Approximately:  
22 3/4" x 2 1/2" x 3 5/8"





Add a NYO&W 6-Car Freight Set - See Page 55



Add a New York Central 6-Car Freight Set - See Page 54

## 4-8-2 L-3 Mohawk Steam Engines

In 1910, the C&O sought a new type of steam engine to haul passenger trains over the Allegheny Mountains. The result was a new locomotive type that would combine the eight drivers of the Mikado with the four-wheel lead truck of the Pacific. Although the 4-8-2s were initially called "Mountains," a name one of our feature railroads, the New York Ontario & Western, kept, the New York Central Railroad felt that name was inappropriate for their flat "Water Level Route." They changed the name to Mohawk in honor of New York's Mohawk River and Valley.

Weighing almost 400,000 pounds, equipped with one of the largest tenders yet (43 tons of coal) and producing tractive force of more than 60,000 pounds, the L-3 Mohawks were versa-



tile enough to do almost any job required of them. Both the NYC and NYO&W sometimes used these freight locomotives to transport passenger trains. The Central was so pleased with the performance of L-2s converted to carry passenger trains that in 1940 they ordered 25 specially made L-3a "dual purpose" Mohawks--designed to haul either passenger cars or their usual freight loads.

The M.T.H. RailKing 4-8-2 L-3 Mohawk/Mountain Steam Engine is a detailed prototype of this versatile engine. We are proud to present it in the livery of the New York Central Railroad as well as the New York Ontario and Western Railroad, equipped with the standard features and optional equipment listed.

NYO&W  
4-8-2 L-3 Mohawk Steam Engine  
Item No. 30-1166

\$299.95 . . . . .30-1166-0 w/Loco-Sound™  
\$399.95 . . . . .30-1166-1 w/Proto-Sound® 2.0

New York Central  
4-8-2 L-3 Mohawk Steam Engine  
Item No. 30-1165

\$299.95 . . . . .30-1165-0 w/Loco-Sound™  
\$399.95 . . . . .30-1165-1 w/Proto-Sound® 2.0

### FEATURES INCLUDE

- Die-Cast Boiler and Tender
- Die-Cast Metal Drivers
- Metal Handrails and Decorative Whistle
- Precision Flywheel-Equipped Motor
- Operating Headlight
- Metal Wheels and Gears
- Operates on O-27 Track
- Detailed Cab Interior
- Operating Metal Couplers
- **Redesigned** Operating ProtoSmoke® System
- Equipped with your choice of **All-New** Loco-Sound™ Featuring Locomotive Speed Control and Bell, Whistle and Steam Chuffing Sounds or **All-New** Proto-Sound® 2.0 with Digital Command System Featuring Freight Yard Proto-Effects™, Squeaking Brakes, and Improved Remotely Controlled Proto-Coupler®
- Among the many exciting new features available with the optional new Digital Command System are
  - Variable Locomotive Speed Control
  - Variable Smoke Unit Output
  - Independent Light Control
  - Diagnostic Memory Features
  - Customizable, Downloadable Sounds
  - Simultaneous TMCC Operation
- Locomotive Measures Approximately:  
22" x 2 1/2" x 3 1/2"



Add a Pennsylvania 4-Car Madison Passenger Set  
See Page 56

## Pennsylvania 4-6-2 K-4 Steam Engine

On perhaps the greatest railroad ever, no steam locomotive was more revered than the legendary Pennsylvania K-4s Pacific. The first of the K-class engines were known by their engineers as "Fat Annie" for the way they dwarfed the contemporary Atlantics. The culmination of this class of locomotive, the K-4s was an instant success. The original 1914 design was such a masterstroke of engineering that only minor design alterations were made during the forty years that the K-4s ruled the rails. From 1917 to 1928, the PRR built a total of 425 units in the Juniata and Baldwin Shops.

The 4-6-2 K-4s became the Pennsylvania's principal passenger hauler, possessing a



consummate blend of speed and power. Over flat land it clocked a top speed of a breathtaking 92 miles per hour during a test run, and it had the power to muscle its load over the mountains of western Pennsylvania. Often double headed on East Coast Limiteds heading a Pullman consist, the K-4s was a common and beautiful sight on the Pennsylvania's rails and deservedly became synonymous with that railroad's steam power.

The M.T.H. RailKing 4-6-2 K-4s Pacific Steam Engine accurately depicts Pennsy's powerful engine, with its realistic detail, standard features and optional equipment listed.

Pennsylvania  
4-6-2 K-4 Steam Engine  
Item No. 30-1162

\$299.95 .....30-1162-0 w/Loco-Sound™  
\$399.95 .....30-1162-1 w/Proto-Sound® 2.0

### FEATURES INCLUDE

- Die-Cast Boiler and Tender
- Die-Cast Metal Drivers
- Metal Handrails and Decorative Whistle
- Precision Flywheel-Equipped Motor
- Operating Headlight
- Operates on O-27 Track
- Detailed Cab Interior
- Operating Metal Coupler
- **Redesigned** Operating ProtoSmoke® System
- Equipped with your choice of **All-New** Loco-Sound™ Featuring Locomotive Speed Control and Bell, Whistle and Steam Chuffing Sounds or **All-New** Proto-Sound® 2.0 with Digital Command System Featuring Passenger Station Proto-Effects™, Squeaking Brakes, and Improved Remotely Controlled Proto-Coupler®
- Among the many exciting new features available with the optional new Digital Command System are
  - Variable Locomotive Speed Control
  - Variable Smoke Unit Output
  - Independent Light Control
  - Diagnostic Memory Features
  - Customizeable, Downloadable Sounds
  - Simultaneous TMCC Operation
- Locomotive Measures Approximately:  
20" x 2 1/2" x 3 1/2"



*Add a Pennsylvania 6-Car Freight Set  
See Page 55*

## 6-8-6 "Baby" Turbine Steam Engine

By the mid-1940s, the diesel revolution was beginning to take a foothold in America's railroad power rosters. Realizing that diesel power was proving to be quite cost effective on other railroads, the Pennsylvania Railroad experimented with ways to make steam power more competitive with the diesel. One bold new design deriving from the PRR's efforts was the S-2 6-8-6 Steam Turbine, a hybrid between the normal reciprocating steamer and a diesel or electric. While the S-2 still had a firebox and boiler and still generated steam, the pressure was run through a turbine instead of reciprocating cylinders to make power. Rather than the usual



chuffing noise associated with steam, this engine made a repetitive swoosh-swoosh as it ran. The turbine design provided smooth and constant power to the drive wheels and proved to be much more efficient than traditional steam locomotives at higher speeds. Despite its high-speed efficiency, the S-2 still retained many of the high costs of operating a steam engine. And as we all know, the diesel eventually won out.

The Pennsylvania Railroad made only one S-2 6-8-6 turbine engine, and we are proud to make a reasonably-priced version available to model railroaders.

Pennsylvania  
6-8-6 "Baby" Turbine Steam Engine  
Item No. 30-1167

\$149.95 .....30-1167-0 w/Loco-Sound™  
\$249.95 .....30-1167-1 w/Proto-Sound® 2.0

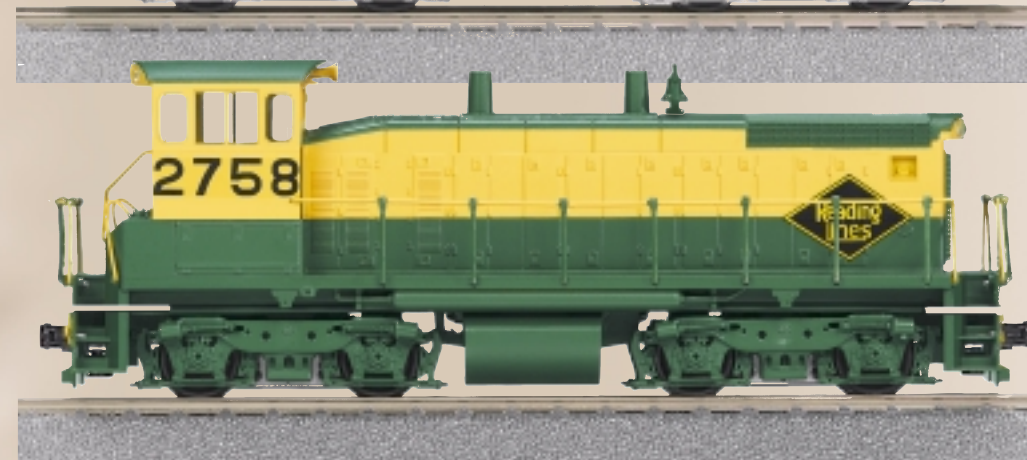
### FEATURES INCLUDE

- Die-Cast Boiler and Tender
- Spoked Metal Drivers
- Metal Handrails and Decorative Whistle
- Precision Flywheel-Equipped Motor
- Operating Headlight
- Operating Electronic Whistle
- Operates on O-31 Track
- Detailed Cab Interior
- Electronic Reverse Unit
- All Metal Gears
- Operating Metal Coupler
- **Redesigned** Operating ProtoSmoke® System
- Equipped with your choice of **All-New Loco-Sound™** Featuring Locomotive Speed Control and Bell, Whistle and Steam Chuffing Sounds or **All-New Proto-Sound® 2.0** with Digital Command System Featuring Passenger Station Proto-Effects™, Squeaking Brakes, and Improved Remotely Controlled Proto-Coupler®
- Among the many exciting new features available with the optional new Digital Command System are
  - Variable Locomotive Speed Control
  - Variable Smoke Unit Output
  - Independent Light Control
  - Diagnostic Memory Features
  - Customizable, Downloadable Sounds
  - Simultaneous TMCC Operation
- Locomotive Measures Approximately:  
20" x 2 1/2" x 3 1/2"



**NEW**

Add  
NASA  
Rolling Stock  
See Page 50-



**NEW**

Add a  
Reading  
6-Car  
Freight Set  
See Page

## SW-1500 Switcher Diesel Engines

The SW1500 burst upon the rail scene in 1966, marking a radical departure in appearance from all previous EMD switchers. Although it boasted a radical new appearance, the mechanics of the engine were based on the evolution of the sound engineering the company was known for. The SW1500 had a 12-cylinder, 645-series engine that provided 1500 horsepower. Although the engine's standard equipment was that expected for a yard switcher, the optional equipment—including a larger fuel tank, better quality trucks, and ballasting to add weight—suggests EMD expected the SW1500 to be used as a true road switcher.



The SW1500 was produced from 1966-74, and EMD sold 808 units. At the time, the only EMD engine that had sold better was the NW2, the 1940s counterpart to the SW1500. The engine was used by both mainline operators and industrial users, such as Tennessee Copper and Armco Steel, showing its versatility.

M.T.H. introduces this popular switcher in an interesting pair of markings: NASA, and Reading. It will surely be an eye-catching addition to your own model railroad. The RailKing SW1500 comes with the standard and optional features listed.

NASA, SW-1500 Switcher Diesel Engine  
Item No. 30-2188

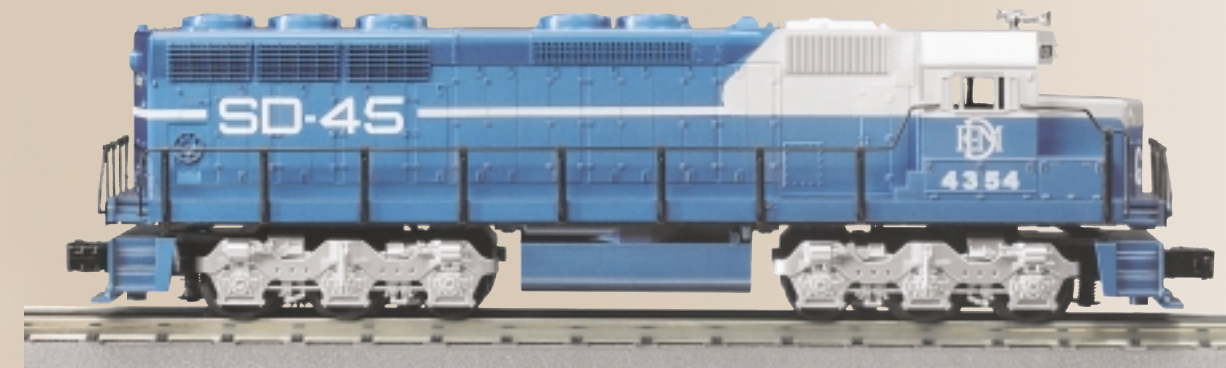
\$149.95 . . . . .30-2188-0 w/Loco-Sound™  
\$249.95 . . . . .30-2188-1 w/Proto-Sound® 2.0

Reading, SW-1500 Switcher Diesel Engine  
Item No. 30-2189

\$149.95 . . . . .30-2189-0 w/Loco-Sound™  
\$249.95 . . . . .30-2189-1 w/Proto-Sound® 2.0

### FEATURES INCLUDE

- Operating Headlight and Backup Light
- Die-Cast Truck Sides, Pilots, and Fuel Tank
- Detailed ABS Bodies
- Colorful Paint Schemes
- Die-Cast Metal Chassis
- Operates on O-27 Track
- Metal Handrails & Decorative Horn
- 2 Precision Flywheel-Equipped Motors
- Equipped with your choice of **All-New** Loco-Sound™ Featuring Locomotive Speed Control and Bell, Horn, and Diesel Engine Noises or **All-New** Proto-Sound® 2.0 with Digital Command System Featuring Freight Yard Proto-Effects™, Squeaking Brakes, and Improved Remotely Controlled Proto-Coupler®
- Among the many exciting new features available with the optional new Digital Command System are
  - Variable Locomotive Speed Control
  - Independent Light Control
  - Diagnostic Memory Features
  - Customizeable, Downloadable Sounds
  - Simultaneous TMCC Operation
- Measures Approximately:  
12 1/2" x 2 5/8" x 3 3/4"



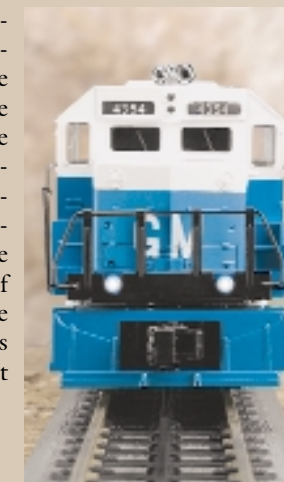
Add an EMD 6-Car Freight Set - See Page 54



Add a Conrail 6-Car Freight Set - See Page 54

## SD-45 Diesel Engines

The first twenty-cylinder diesel ever produced, the EMD SD-45 set new standards in power and performance in the very competitive diesel market of the mid-sixties. This 195-ton workhorse achieved a record-setting 3,600 horsepower, 600 more than the popular SD-40. With powerful looking flared radiators, the SD-45 presented a unique appearance. With about one-quarter of the 1,200 units produced still active, the SD-45 is still a familiar sight on today's railroads more than 30 years after first hitting the rails.



Great Northern named No. 400, the first production SD-45, the "Hustle Muscle" in honor of the unique combination of power and speed produced by what was at the time the most powerful single-engine diesel-electric on the rails. That name captures the spirit and ability of this influential second-generation diesel.

M.T.H. makes the SD-45 available in Conrail and EMD markings for the first time in the RailKing line. This detailed near-scale reproduction will add muscle to any layout, and is available with the standard and optional features listed.

EMD Demonstrator, SD-45 Diesel Engine  
Item No. 30-2193

\$149.95 . . . . .30-2193-0 w/Loco-Sound™  
\$249.95 . . . . .30-2193-1 w/Proto-Sound® 2.0

Conrail, SD-45 Diesel Engine  
Item No. 30-2194

\$149.95 . . . . .30-2194-0 w/Loco-Sound™  
\$249.95 . . . . .30-2194-1 w/Proto-Sound® 2.0

## FEATURES INCLUDE

- Operating Headlight
- Die-Cast Truck Sides, Pilots, and Fuel Tank
- Detailed ABS Bodies
- Colorful Paint Schemes
- Operates on O-31 Track
- Operating Metal Couplers
- All Metal Gears
- Metal Handrails & Horn
- 2 Precision Flywheel-Equipped Motors
- Equipped with your choice of **All-New Loco-Sound™** Featuring Locomotive Speed Control and Bell, Horn and Diesel Engine Sounds or **All-New Proto-Sound® 2.0** with DCS Featuring Freight Yard Proto-Effects™, Squeaking Brakes, and Improved Remotely-Controlled Proto-Coupler®
- Among the many exciting new features available with the optional new Digital Command System are
  - Variable Locomotive Speed Control
  - Independent Light Control
  - Diagnostic Memory Features
  - Customizable, Downloadable Sounds
  - Simultaneous TMCC Operation
- Locomotive Measures Approximately:  
14" x 2 1/2" x 3 13/16"



RAIL KING DIESEL



Add a Southern Pacific 4-Car 60' Passenger Set - See Page 58



Add a Lehigh Valley 4-Car 60' Passenger Set - See Page 59



Add an Optional B Unit



## Alco PA AA Diesel Sets

The post-World War II era was an exciting transition period for our nation's railroads. Practical, war-time productions gave way to more daring and glamorous streamlined diesels pulling newly equipped passenger trains. Introduced in 1946, the American Locomotive Company's PA-1 made an instant impact on our railroads and railfans.

Many railfans agree that the Alco PA is the most beautiful diesel locomotive ever produced. Its long, streamlined looks certainly made it one of the best canvases for beautiful paint schemes--an opportunity that few railroads let pass. Measuring more than 65 feet long, the



PA-1 featured 2000 hp and 100 mph gearing, creating an awesome combination of sleekness, speed, and power. Well suited for both passenger and fast freight service, the Alco PA-1 was a fixture on many of our most famous railroads for years after its introduction.

The RailKing Alco PA AA Diesel Set brings its sleek styling to your traditional-sized O-31 railroad in the markings of the Lehigh Valley and Southern Pacific railroads. You can add a non-powered B unit to achieve the traditional A-B-A diesel engine configuration. See the list below of standard and optional features.

Southern Pacific Daylight, Alco PA AA Diesel Set  
Item No. 30-2195

\$179.95 .....30-2195-0 w/Loco-Sound™  
\$279.95 .....30-2195-1 w/Proto-Sound® 2.0

Lehigh Valley, Alco PA AA Diesel Set  
Item No. 30-2196

\$179.95 .....30-2196-0 w/Loco-Sound™  
\$279.95 .....30-2196-1 w/Proto-Sound® 2.0

Southern Pacific, Alco PA B Unit  
Item No. 30-2195-3

\$59.95 .....30-2195-0

Lehigh Valley, Alco PA B Unit  
Item No. 30-2196-3

\$59.95 .....30-2196-3

## FEATURES INCLUDE

- Directionally-Controlled Headlights
- Die-Cast Truck Sides, Pilots, and Fuel Tank
- Detailed ABS Bodies
- Colorful Paint Schemes
- Operates on O-31 Track
- All Metal Gears
- Operating Metal Coupler on Each Lead Truck
- Metal Handrails & Decorative Horn
- 2 Precision Flywheel-Equipped Motors in Powered A Units
- Equipped with your choice of **All-New Loco-Sound™** Featuring Locomotive Speed Control and Bell, Horn and Diesel Engine Sounds or **All-New Proto-Sound® 2.0** with Digital Command System Featuring Passenger Station Proto-Effects™, Squeaking Brakes, and Improved Remotely Controlled Proto-Coupler®
- Among the many exciting new features available with the optional new Digital Command System are
  - Variable Locomotive Speed Control
  - Independent Light Control
  - Diagnostic Memory Features
  - Customizable, Downloadable Sounds
  - Simultaneous TMCC Operation
- AA Set Measures Approximately:  
28 1/4" x 2 1/2" x 3 5/8"
- B Unit Measures Approximately:  
14" x 2 1/2" x 3 5/8"



## *F40PH Diesel Engine*

As aging car body diesels began to lose appeal in the late 1970s, EMD responded with the now-famous F40PH in 1977. Evolving from the SD-45 and SDP-45 designs, the B-B cowl type locomotive proved remarkably versatile and dependable. For twenty years, the F40PH has been a frequent sight on America's passenger and commuter railroads.

Producing 3,000 horsepower and achieving a top speed of 103 mph, the F40PH has regularly traveled more corners of the



country than any other locomotive. Whether pulling Amtrak's San Francisco Zephyr and Empire Builder or servicing commuter lines all over the country, the F40PH soon became a favorite of railfans everywhere.

M.T.H. proudly recreates CalTrain #901 in its special silver paint featuring the "C-dot" emblem, created to commemorate the fifth anniversary of the Joint Powers Board obtaining full control of the operation from Southern Pacific.

CalTrain  
F40PH Diesel Engine  
Item No. 30-2199

\$149.95 .....30-2199-0 w/Loco-Sound™  
\$249.95 .....30-2199-1 w/Proto-Sound® 2.0

## FEATURES INCLUDE

- Operating Headlight
- Durable ABS Intricately Detailed Body
- Die-Cast Truck Blocks with All-Metal Wheels, Axles, and Gears
- Operates on O-27 Track
- Operating Metal Couplers
- Decorative Metal Horn
- 2 Precision Flywheel-Equipped Motors
- Equipped with your choice of **All-New Loco-Sound™** Featuring Locomotive Speed Control and Bell, Horn, and Diesel Engine Noises or **All-New Proto-Sound® 2.0** with Digital Command System Featuring Passenger Station Proto-Effects™, Squeaking Brakes, and Improved Remotely Controlled Proto-Coupler®
- Among the many exciting new features available with the optional new Digital Command System are
  - Variable Locomotive Speed Control
  - Independent Light Control
  - Diagnostic Memory Features
  - Customizeable, Downloadable Sounds
  - Simultaneous TMCC Operation
- Measures Approximately:  
14 1/2" x 2 5/8" x 3 5/8"



## Doodlebug Diesels

Even in the heyday of steam power, it was still expensive for steam trains to serve passengers on small branch lines and secondary mainlines. The solution to high-cost, low-ridership routes was the Doodlebug. Doodlebugs were essentially a cross between a locomotive and a passenger car. The front section housed an internal combustion engine and the rear housed a passenger or freight compartment. Larger consists housed the baggage and freight in the rear compartment and pulled a passenger car behind the Doodlebug, but most



were run as single units. At their peak of popularity in the 1920s, Doodlebugs rode the rails in every part of the country.

For 2000 we are adding two new railroads to our RailKing Doodlebug roster. With the addition of the Boston & Maine and the Union Pacific, our model runs on roads from coast-to-coast just like the original did. Our Doodlebugs come equipped with the standard and optional features listed.

Boston & Maine  
Doodlebug Diesel Engine  
Item No. 30-2190

\$129.95 .....30-2190-0 w/Loco-Sound™  
\$229.95 .....30-2190-1 w/Proto-Sound® 2.0

Union Pacific  
Doodlebug Diesel Engine  
Item No. 30-2191

\$129.95 .....30-2191-0 w/Loco-Sound™  
\$229.95 .....30-2191-1 w/Proto-Sound® 2.0

## FEATURES INCLUDE

- Operating Directionally Controlled Headlight
- Die-Cast Truck Sides and Pilots
- Detailed ABS Bodies
- Colorful Paint Schemes
- Operates on O-31 track
- Operating Metal Couplers
- All Metal Gears
- Decorative Metal Horn
- 2 Precision Flywheel-Equipped Motors
- Equipped with your choice of **All-New Loco-Sound™** Featuring Locomotive Speed Control and Bell, Horn, and Diesel Engine Sounds or **All-New Proto-Sound® 2.0** with Digital Command System Featuring Passenger Station Proto-Effects™, Squeaking Brakes, and Improved Remotely-Controlled Proto-Coupler®
- Among the many exciting new features available with the optional new Digital Command System are
  - Variable Locomotive Speed Control
  - Independent Light Control
  - Diagnostic Memory Features
  - Customizable, Downloadable Sounds
  - Simultaneous TMCC Operation
- Locomotive Measures Approximately:  
16" x 2 1/2" x 3 3/4"





## Rectifier Electric Engines

The operating history of the Rectifier Electric Locomotive dates back to the 1890s when Peter Cooper-Hewitt discovered how a mercury rectifier actually works. About the same time, Charles Steinmetz of General Electric (GE) was also working on this operating principle to identify converters for commercial and industrial applications for the process. A railway vehicle application occurred in 1906, which initiated years of rail car experimentation on a few railroad lines. Following World War II, a device known as the Ignition came to the forefront in the experimentation of rectifier technology. The use of the Ignition on railway units helped to open the door for electrification and modernization of railroads.



The E-33 Rectifier Electric Train has a somewhat complicated history in that it first made an appearance as the Virginian EL-3a. Once the Virginian Railway merged with the Norfolk & Western, these locomotives were classified as EF-4s. That's when the New Haven Railroad bought several of them for \$20,000 each.

The E-33 Rectifier Electric Locomotive represents a significant point in the electrification and modernization of railroads. The RailKing E-33 Rectifier Electric Locomotive reflects the importance of this engine in its authentic detail and special features listed.

**NEW**

Add a  
New Haven  
6-Car  
Freight Set  
See Page 54

New Haven  
Rectifier Electric Engine  
Item No. 30-2518

\$159.95 .....30-2518-0 w/Loco-Sound™  
\$259.95 .....30-2518-1 w/Proto-Sound® 2.0

Virginian  
Rectifier Electric Engine  
Item No. 30-2519

\$159.95 .....30-2519-0 w/Loco-Sound®  
\$259.95 .....30-2519-1 w/Proto-Sound® 2.0

**NEW**

Add a  
Virginian  
6-Car  
Freight Set  
See Page

## FEATURES INCLUDE

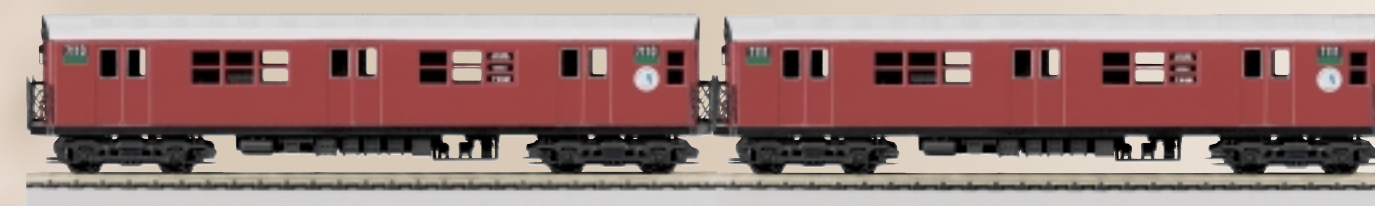
- Operating Headlight
- Die-Cast Pilots, and Trucks with All-Metal Wheels and Gears
- Colorful Paint Schemes
- Operates on O-31 Track
- Operating Metal Pantographs
- Detailed ABS Bodies
- Operating Decorative Metal Horn
- 2 Precision Flywheel-Equipped Motors
- Equipped with your choice of **All-New Loco-Sound™** Featuring Locomotive Speed Control and Bell, Horn, and Electric Engine Sounds or **All-New Proto-Sound® 2.0** with Digital Command System Featuring Freight Yard Proto-Effects™, Squeaking Brakes, and Improved Remotely Controlled Proto-Coupler®
- Among the many exciting new features available with the optional new Digital Command System are
  - Variable Locomotive Speed Control
  - Independent Light Control
  - Diagnostic Memory Features
  - Customizable, Downloadable Sounds
  - Simultaneous TMCC Operation
- Locomotive Measures Approximately:  
13 3/8" x 2 1/2" x 3 3/4"



RAIL KING ELECTRIC



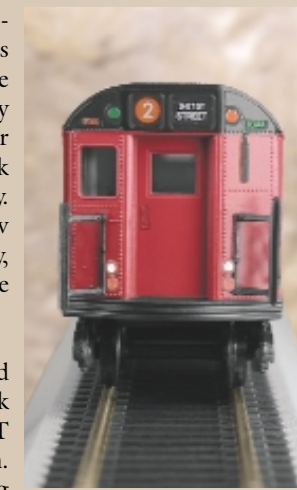
NEW



## R21 4-Car Subway Set

While not the first municipal subway system, the New York Subway System is among the world's greatest. Serving the boroughs of New York City, the subway transports millions of people each year under the auspices of the New York Metropolitan Transportation Authority. The subway is as much a symbol of New York City as are the Statue of Liberty, Brooklyn Bridge, and the Empire State Building.

St. Louis Cars produced two hundred and fifty R21 subway cars for New York MTA in 1956 for use on the IRT (Interborough Rapid Transit) Division. These so-called "SMEE" (Self-lapping Mechanical Electrical Equipment) cars and their siblings, the R22s were single-unit cars, unlike the later R26 and higher series, which were "married pairs." Other than their single-unit configuration, these



R21 cars are almost identical to the 26, 28, 29, 33, and 36 series and boast the look most often associated with New York subway cars.

By popular demand, MTH reprises the 1998 4-car New York subway set that makes the third rail prototypical. RailKing subway cars feature intricately detailed ABS bodies and die cast trucks. Cars also include detailed interiors for extra realism. If you like the great looks and great operation, you'll love the great sounds provided by our optional Proto-Sound® 2.0 system. With Proto-Sound 2.0, you will hear station announcements, brake sounds, doors opening and closing, embarking and disembarking passengers, and much more. The subway set is available with the standard and optional features listed.

Metropolitan Transportation Authority  
R21 4-Car Subway Set  
Item No. 30-2198

\$199.95 .....30-2198-0 w/Loco-Sound™  
\$299.95 .....30-2198-1 w/Proto-Sound® 2.0

### FEATURES INCLUDE

- Operating Headlights
- Durable, Intricately Detailed ABS Bodies
- Operating Metal Couplers
- Detailed Car Interiors
- Undercarriage Chassis Detail
- All Metal Gears
- Overhead Interior Lighting
- Die-Cast Trucks
- Operates on O-27 Track
- 2 Precision Flywheel-Equipped Motors in the Powered Unit
- Set Includes 1 Twin Motored Powered Unit and 3 Non-Powered Coaches
- Equipped with your choice of **All-New Loco-Sound™** Featuring Locomotive Speed Control and Bell, Horn, and Electric Motor Sounds or **All-New Proto-Sound® 2.0** with Digital Command System Featuring Various Station Stop Proto-Effects™, Squeaking Brakes, and Improved Remotely-Controlled Proto-Coupler®
- Among the many exciting new features available with the optional new Digital Command System are
  - Variable Locomotive Speed Control
  - Independent Light Control
  - Diagnostic Memory Features
  - Customizable, Downloadable Sounds
  - Simultaneous TMCC Operation
- Each Car Measures Approximately:  
13 1/2" x 2 1/2" x 3 3/8"



Denver Rio Grande  
Galloping Goose Diesel  
Item No. 30-2203


\$249.95 ..... 30-2203-1 w/P roto-Sound®

## Galloping Goose Diesel

When you are a struggling railroad and are providing freight and passenger service in sparsely populated areas, most rail bosses can't afford to serve them with a top of the line Challenger or Hudson. Instead, railroads looked for more affordable motive power options and often found ways to put flanged wheels on whatever was available and still running. Such was the case when some ingenious railroaders stuck flanged wheels on a bus and began hauling freight and passengers in it. Thus was born the Galloping Goose.

Now you can have your own RailKing Galloping Goose to provide service to your railroad's branch lines. Featuring a smooth and efficient motor, the RailKing Galloping Goose will be a fun addition to your power roster. The durable ABS body rides atop a metal frame and wheels.

## FEATURES INCLUDE

- Operating headlight
- Die-cast trucks
- Operating Metal Couplers
- Operates on O-27 T track
- Electronic Reverse Unit
- Lighted Interior
- Precision Flywheel-Equipped Motor
- Electronic Horn
- Equipped with Proto-Sound® Digital Sound and Train Control System Featuring Squeaking Brakes, Passenger Station Proto-Effects™ Sounds by 
- Locomotive Measurements: 11" x 2" x 2 1/2"



Chicago, PCC Electric Street Car  
Item No. 30-2521

\$99.95 ..... 30-2521-0 w/L oco-Sound™  
\$199.95 ..... 30-2521-1 w/P roto-Sound® 2.0

## PCC Electric Street Car

In the 1920s the great rise in the popularity of the automobile prompted a desperate effort to save the dying streetcar industry. The automobile's success made it essential that a modern streetcar be designed both with a high level of comfort and the ability to travel safely amidst automobile traffic. These efforts resulted in the PCC Electric Street Car. Most systems noticed an increase in ridership and revenue immediately after the introduction of the PCC car, which gave streetcars a new, progressive image.

This year we add the "Blue Goose" of Chicago's great street car system as the sixth edition in our on-going series of RailKing PCC cars. Like our previous PCCs, the model is optionally outfitted with Proto-Sound® 2.0, which includes P A announcements at each stop as well as the sounds of passengers embarking and disembarking. It truly makes for an exciting addition to your model railroad.

## FEATURES INCLUDE

- Directionally Controlled Headlights
- Durable ABS Intricately Detailed Body
- Operates On O-27 T track
- Operating Trolley Pole
- Colorful, Authentic Markings
- Die-Cast Truck Blocks With All-Metal Wheels & Gears
- Precision Flywheel-Equipped Motor
- Operating Marker Lights & Interior Lights
- Equipped with your choice of **All-New** Loco-Sound™ Featuring Locomotive Speed Control and Bell, Horn, and Electric Motor Sounds or **All-New** Proto-Sound® 2.0 with Digital Command System Featuring Various Street Announcement Proto-Effects™, Squeaking Brakes, and Improved Remotely-Controlled Proto-Coupler®
- Among the many exciting new features available with the optional new Digital Command System are
  - Variable Locomotive Speed Control
  - Independent Light Control
  - Diagnostic Memory Features
  - Customizable, Downloadable Sounds
  - Simultaneous TMCC Operation
- Measures Approximately: 11 5/8" x 2 5/8" x 3 1/2"



RAIL KING ELECTRIC

## GG-1 Electric Engines

The GG-1 could be called the Gold Standard for electric locomotives, with its unparalleled longevity and road performance. Its incredible performance record is probably due to the fact that it had to compete for its spot on the Pennsy roster. When the PRR was in the market for a new high-speed passenger locomotive, it was given two prototypes to consider. The GG-1, based on the New Haven EP3, defeated the R1 in the contest to determine which engine Pennsy would order, and so began the engine's unparalleled dominance.



The 139-unit GG-1 fleet was built between 1934-44, primarily for passenger work, though during WWII and in the 1950s when passenger train miles were reduced the engines did dual duty, pulling freight trains when needed. The GG-1 survived longer than any other locomotive design, lasting well into the 1980s, and survived both the railroad that created it and that road's successor, Penn Central.

M.T.H. is proud to present a replica of this legendary engine in the markings of the three railroads best-known for using it: the Pennsylvania, Penn Central, and Conrail. We're sure it will pull your own passenger or freight consist as reliably as the original did. The RailKing GG-1 is available with the standard and optional features listed.



Add a Pennsylvania 6-Car Freight Set - See Page 55



Add a Conrail 6-Car Freight Set - See Page 54



Add a Pennsylvania 6-Car Freight Set - See Page 55

Pennsylvania, Brunswick Green w/Single Stripe  
GG-1 Electric Engine  
Item No. 30-2515-1

\$299.95 . . . . .30-2515-0 w/Loco-Sound™  
\$399.95 . . . . .30-2515-1 w/Proto-Sound® 2.0

Conrail  
GG-1 Electric Engine  
Item No. 30-2516-1

\$299.95 . . . . .30-2516-0 w/Loco-Sound™  
\$399.95 . . . . .30-2516-1 w/Proto-Sound® 2.0

Penn Central  
GG-1 Electric Engine  
Item No. 30-2517-1

\$299.95 . . . . .30-2517-0 w/Loco-Sound™  
\$399.95 . . . . .30-2517-1 w/Proto-Sound® 2.0

## FEATURES INCLUDE

- Directionally-Controlled Headlights
- Die-Cast Pilots and Trucks, with All-Metal Wheels and Gears
- Colorful Paint Schemes
- Die-Cast Metal Body
- Stamped Metal Floor
- Operating Metal Pantographs
- Operates on O-31 Curves
- Decorative Metal Horn
- 2 Precision Fly-wheel-Equipped Motors
- Equipped with your choice of **All-New Loco-Sound™** Featuring Locomotive Speed Control and Bell, Horn, and Electric Engine Sounds or **All-New Proto-Sound® 2.0** with Digital Command System Featuring Freight Yard Proto-Effects™, Squeaking Brakes, and Improved Remotely Controlled Proto-Coupler®
- Among the many exciting new features available with the optional new Digital Command System are
  - Variable Locomotive Speed Control
  - Independent Light Control
  - Diagnostic Memory Features
  - Customizable, Downloadable Sounds
  - Simultaneous TMCC Operation
- Measures Approximately: 15" x 2 5/8" x 4"



RAIL KING DIESEL

## RS-3 Diesel Engines

Characterized by its long hood and single large exhaust stack, the Alco RS-3 road switcher boasted a 244 engine that provided 1600 horsepower. Although its switching abilities meant that it could run with either end in front, it was generally used with the long hood as the front end of the engine, unlike many other locomotives. Engineers liked the visibility provided by the engine shape. Although they were generally used to haul freight, RS-3s were extremely versatile general-purpose engines that could also haul passenger trains.

Alco had an immediate success with the RS-3, producing more than 1300 of the locomotives between 1950 and 1956, even when later RS models were available. In fact, the RS-2s and RS-3s were so popular with the railroads that their success finally prompted rival EMD to make their first true road switchers, the BL and GP series.



This extremely popular locomotive makes its first appearance in the M.T.H. RailKing line. We're sure you will enjoy it as much as its engineers did. It is available in the markings of the Pennsylvania Railroad, Union Pacific Railroad and the Rock Island Railroad with the features listed.



Add Union Pacific Rolling Stock - See Page 50-53



Add a Pennsylvania 6-Car Freight Set - See Page 55



NEW

NEW

NEW

Union Pacific, RS-3 Diesel Engine  
Item No. 30-2200

\$149.95 . . . . .30-2200-0 w/Loco-Sound™  
\$249.95 . . . . .30-2200-1 w/Proto-Sound® 2.0

Pennsylvania, RS-3 Diesel Engine  
Item No. 30-2201

\$149.95 . . . . .30-2201-0 w/Loco-Sound™  
\$249.95 . . . . .30-2201-1 w/Proto-Sound® 2.0

Rock Island, RS-3 Diesel Engine  
Item No. 30-2202

\$149.95 . . . . .30-2202-0 w/Loco-Sound™  
\$249.95 . . . . .30-2202-1 w/Proto-Sound® 2.0

## FEATURES INCLUDE

- Operating Headlight
- Die-Cast Truck Sides, Pilots, and Fuel Tank
- Detailed ABS Bodies
- Colorful Paint Schemes
- Operates on O-31 Track
- Operating Metal Couplers
- All Metal Gears
- Metal Handrails & Horn
- 2 Precision Flywheel-Equipped Motors
- Equipped with your choice of **All-New Loco-Sound™** Featuring Locomotive Speed Control and Bell, Horn and Diesel Engine Sounds or **All-New Proto-Sound® 2.0** with DCS Featuring Freight Yard Proto-Effects™, Squeaking Brakes, and Improved Remotely Controlled Proto-Coupler®
- Among the many exciting new features available with the optional new Digital Command System are
  - Variable Locomotive Speed Control
  - Independent Light Control
  - Diagnostic Memory Features
  - Customizable, Downloadable Sounds
  - Simultaneous TMCC Operation
- Locomotive Measures Approximately:  
14" x 2 1/2" x 3 13/16"

## Trolley Ready-To-Run Train Set



**RAIL KING**  
**READY-TO-RUN** sets  
THE COMPLETE SOLUTION

Introduce someone you love to model railroading with the magic of the RailKing® Ready-To-Run trolley train set. M.T.H. is pleased to present a Christmas-themed trolley set and a Metropolitan themed trolley set that will perfectly complement your other holiday decorations. Set it up under the Christmas tree to evoke the charm of years gone by.

M.T.H. is proud to present the best value for your model railroading dollar with our complete Ready-To-Run sets. This Ready-To-Run set is complete with a eight-piece RealTrax™ set and a powerful transformer. The set assembles in minutes and the trolley features a durable drive train guaranteed to last for years. Thanks to the simple RealTrax design, each track section snaps together easily without the danger of cut hands, bent connector pins, or lost rail joiners often found in traditional track designs. It's a perfect set-up for the little engineers operating your railroad.



Christmas Theme, Trolley  
Ready-To-Run Train Set

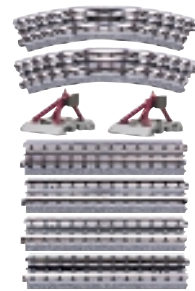
\$99.95 . . . . .30-4040-0

New York Transit , Trolley  
Ready-To-Run Train Set

\$99.95 . . . . .30-4041-0

### FEATURES INCLUDE

- 0-4-0 Trolley Locomotive
- Powerful Transformer
- (2) RealTrax™ O-31 Curves
- (4) RealTrax™ 10" Straights
- (2) RealTrax™ Lighted Bumpers



- Lighted Lockon & Wire Harness
- ABRM (Automatic Bumper Reversing Mechanism)
- Railware Interactive CD Rom with Track Layout Software
- Trolley Measures Approximately:  
8" x 2 1/4" x 3 3/8"

## 0-4-0 Dockside Ready-To-Run Train Set



**RAIL KING**  
**READY-TO-RUN** sets  
THE COMPLETE SOLUTION

The Jersey Central Dockside 0-4-0 ready-to-run set is the perfect introductory set for the young newcomer to O gauge railroading. The die-cast metal Jersey Central 0-4-0 Dockside switcher steam engine leads the complete set. Found primarily in switchyards during the late 1800s and early 1900s, dockside steam engines featured a built-in coal bunker behind the cab rather than a coal tender. Trailing behind the 0-4-0 steam engine are the Jersey Central Box Car, the Jersey Central Hopper Car with a coal load, and the Jersey Central wood-sided caboose with mechanical whistle.

Both the freight cars and the caboose feature die-cast metal trucks and operating metal couplers, as well as fast-angle wheels and metal needle-point



Jersey Central, 0-4-0 Dockside Steam Freight  
Ready-To-Run Train Set

\$159.95 . . . . .30-4035-0 w/Whistle

### FEATURES INCLUDE

- Set Features:
- 0-4-0 Steam Locomotive
  - Box Car, Hopper with Coal Load, and Lighted Caboose
  - 50-Watt Z-500™ Transformer
  - 31" x 31" RealTrax™ Circle



- Lighted Lockon & Wire Harness
- Railware Interactive CD Rom with Track Layout Software

Locomotive Features:

- Die-Cast Metal Locomotive
- Operates on O-27 Track
- Operating Headlight
- Precision Motor
- Operating ProtoSmoke® System
- Electronic Reverse Unit
- Operating Metal Couplers
- Locomotive Measures Approximately:  
7 3/4" x 2 1/2" x 3 1/2"

Freight Car Features:

- Die-Cast Metal Trucks with Operating Metal Couplers
- Fast-Angle Wheels and Needle-Point Axles
- Operating Caboose Interior Lamp
- Operating Mechanical Whistle in Caboose
- Freight Cars Measure Approximately:  
10 1/2" x 2 1/2" x 3 3/4"

axles for a smooth and quiet ride. Best of all, this set's combination of the 50-watt transformer and the awesome pulling power of the 0-4-0 will allow the budding operator to add cars to the set without needing to upgrade either the locomotive or the transformer.

M.T.H. is proud to present the best value for your model railroading dollar with our complete Ready-To-Run sets. This ready-to-run set is complete with an eight-piece RealTrax™ circle and a powerful 50-watt transformer. Each RealTrax™ section snaps together easily without the danger of cut hands, bent connector pins, or lost rail joiners often found in traditional track designs.

## 2-8-0 Steam Ready-To-Run Train Set



**RAIL KING**  
**READY-TO-RUN** sets  
**THE COMPLETE SOLUTION**

This Ready-To-Run train set provides the perfect mix of nostalgia and holiday good cheer. The 2-8-0 steam locomotive is a detailed replica of the 2-8-0 engines perfected by the Pennsylvania Railroad, which added a two-wheel bogie truck to an 0-8-0 steam to more evenly distribute the locomotive's weight. The "Merry Christmas" paint on the train set will add excitement to your own holiday decorations.

Both the freight cars and the caboose feature die-cast metal trucks and operating metal couplers, as well as fast-angle wheels and metal needle-point axles for a smooth and quiet ride. Best of all, this set's combination of the 75-watt transformer and the awesome pulling power of the 2-8-0 will allow for future cars to be added without needing to upgrade either the locomotive or the transformer.

This Ready-To-Run set is complete with an eight-piece RealTrax™ loop and one of the most powerful ready-to-run set transformers in the O Gauge mar-



## Christmas 2000, 2-8-0 Steam Freight Ready-To-Run Train Set

\$229.95 . . . . .30-4033-0 w/Loco-Sound™  
\$299.95 . . . . .30-4033-1 w/Proto-Sound 2.0

### FEATURES INCLUDE

- Set Features:
- 2-8-0 Steam Locomotive
  - Box Car, Gondola, and Lighted Caboose
  - 75-Watt Z-750™ Transformer
  - **Loco-Sound™ Wireless Infrared Remote Control**
  - 31" x 31" RealTrax™ Circle



- Lighted Lockon & Wire Harness
- Railware Interactive CD Rom with Track Layout Software
- AC/DC Cassette Player with Holiday Tape

### Locomotive Features:

- Die-Cast Metal Locomotive
- ABS Molded Tender
- Operates on O-27 Track
- Operating Headlight
- Precision Flywheel-Equipped Motor
- **Redesigned Operating ProtoSmoke® System**
- Operating Metal Coupler
- Metal Wheels, Axles, & Gears
- **Equipped with your choice of All-New Loco-Sound™ Featuring Locomotive Speed Control and Bell, Whistle, and Steam Chuffing or All-New Proto-Sound® 2.0 with Digital Command System Featuring Freight Yard Proto-Effects™, Squeaking Brakes, and Improved Remotely Controlled Proto-Coupler®**
- **Among the many exciting new features available with the optional new Digital Command System are**
  - Variable Locomotive Speed Control
  - Variable Smoke Unit Output
  - Independent Light Control
  - Diagnostic Memory Features
  - Customizable, Downloadable Sounds
  - Simultaneous TMCC Operation
- Locomotive Measures Approximately: 18 3/4" x 2 1/2" x 3 3/4"

### Freight Car Features:

- Die-Cast Metal Trucks with Operating Metal Couplers
- Fast-Angle Wheels and Needle-Point Axles
- Operating Caboose Interior Lamp
- Cars Measure Approximately: 10 1/2" x 2 1/2" x 3 3/4"

## F40PH Diesel Ready-To-Run Train Set



**RAIL KING**  
**READY-TO-RUN** sets  
**THE COMPLETE SOLUTION**

This colorful Ready-To-Run train set is the perfect introduction to the hobby for any budding model railroader! The legendary F40PH is painted in the bright colors of the CSX railroad. It pulls a CSX box car, a tank car, and an eye-catching CSX caboose, each fully equipped with die-cast metal trucks and operating metal couplers, as well as fast-angle wheels and metal needle-point axles for a smooth and quiet ride.

The durable, intricately-detailed locomotive body rides atop a metal frame and die-cast trucks. Add to these features operating metal couplers, metal wheels and gears, and a real operating headlight and the F40PH makes quite a sight heading up its consist. Best of all, the set's combination of the 75-watt transformer and the incredible pulling power of the F40PH will allow for future cars to be added to your consist without upgrading either the loco-



## CSX, F40PH Diesel Freight Ready-To-Run Train Set

\$199.95 . . . . .30-4034-0 w/Loco-Sound™  
\$279.95 . . . . .30-4034-1 w/Proto-Sound 2.0

### FEATURES INCLUDE

- Set Features:
- F40PH Diesel Locomotive
  - Box Car, Tank Car, and Lighted Caboose
  - 75-Watt Z-750™ Transformer
  - **Loco-Sound™ Wireless Infrared Remote Control**
  - 31" x 31" RealTrax™ Circle



- Lighted Lockon & Wire Harness
- Railware Interactive CD Rom with Track Layout Software

### Locomotive Features:

- Operating Headlight
- Durable ABS Intricately Detailed Body
- Die-Cast Truck Blocks with All-Metal Wheels, Axles, and Gears
- Operates on O-27 Track
- Operating Metal Couplers
- Decorative Metal Horn
- 2 Precision Flywheel-Equipped Motors
- **Equipped with your choice of All-New Loco-Sound™ Featuring Locomotive Speed Control and Bell, Horn, and Diesel Engine Noises or All-New Proto-Sound® 2.0 with Digital Command System Featuring Freight Yard Proto-Effects™, Squeaking Brakes, and Improved Remotely Controlled Proto-Coupler®**
- **Among the many exciting new features available with the optional new Digital Command System are**
  - Variable Locomotive Speed Control
  - Independent Light Control
  - Diagnostic Memory Features
  - Customizable, Downloadable Sounds
  - Simultaneous TMCC Operation
- Measures Approximately: 14 1/2" x 2 5/8" x 3 5/8"

### Freight Car Features:

- Die-Cast Metal Trucks with Operating Metal Couplers
- Fast-Angle Wheels and Needle-Point Axles
- Operating Caboose Interior Lamp
- Measure Approximately: 10 1/2" x 2 1/2" x 3 3/4"

## Pennsy Express Steam Freight Ready-To-Run Train Set



**RAIL KING**  
**READY-TO-RUN** sets  
THE COMPLETE SOLUTION

**NEW**

Realizing in the 1940s that diesel power was proving to be quite cost effective on other railroads, the Pennsylvania Railroad experimented with ways to make steam power more competitive with the diesel revolution. One bold new design deriving from the PRR's efforts was the S-2 6-8-6 Steam Turbine, a hybrid between the normal reciprocating steamer and a diesel or electric. While the S-2 still had a firebox and boiler and still generated steam, the pressure was run through a turbine instead of reciprocating cylinders to make power. Rather than the usual puffing noise associated with steam, this engine made a repetitive swoosh-swoosh as it ran (our Proto-Sound® 2.0 version replicates this unique sound). The turbine design provided smooth and constant power to the drive wheels and at higher speeds proved to be much more efficient than traditional steam locomotives. Despite its high-speed efficiency, the S-2 still retained many of the high costs of operating a steam engine. Pennsylvania made only one engine of this kind, and we are proud to present it in our Ready-To-Run train set. The 6-8-6 is backed up by the Pennsy Box Car, 3-Dome Tank Car, and N5c Cabooses.

Both the freight cars and the cabooses feature die-cast metal trucks and operating metal couplers, as well as fast-angle wheels and metal needle-point axles for a smooth and quiet ride. Best of all, this set's combination of the 75-watt transformer and the awesome pulling power of the 6-8-6 will allow you to add cars to the set without needing to upgrade either the locomotive or the transformer.

M.T.H. is proud to present the best value for your model railroading dollar with our complete Ready-To-Run sets. This Ready-To-Run set is complete with an eight-piece RealTrax™ oval and a powerful 75-watt transformer. Each RealTrax™ section snaps together easily without the danger of cut hands, bent connector pins, or lost rail joiners often found in traditional track designs.

M.T.H. is also proud to introduce our new electronic features on the Ready-To-Run sets. We offer two new sound systems: Loco-Sound Featuring Locomotive Speed Control and Proto-Sound® 2.0 with DCS Digital Command System Featuring Freight Yard Proto-Effects™. We're also pleased to announce that we now equip all M.T.H. Ready-to-Run sets with remote control operation, with our new Loco-Sound Wireless Remote Control. We're sure these new features, which are described more fully in the introductory pages of the catalog, will enhance your model railroading experience.

Most recently available to O gauge fans in 1996, the PRR Steam Turbine was advertised at that time for more than \$795. Now we offer you this unique engine in a complete Ready-To-Run set with the full Proto-Sound 2.0 with Digital Command System for less than half that price. M.T.H. is proud to present the best value ever for your model railroading dollar.



### Pennsylvania, 6-8-6 Turbine Steam Freight Ready-To-Run Train Set

\$199.95 . . . . .30-4037-0 w/Loco-Sound®  
\$279.95 . . . . .30-4037-1 w/Proto-Sound 2.0

#### FEATURES INCLUDE

- Set Features:
- 6-8-6 Turbine Steam Locomotive
  - Box Car, 3-Dome Tank Car, and Lighted Cabooses
  - 75-Watt Z-750™ Transformer
  - Loco-Sound™ Wireless Infrared Remote Control
  - 31" x 31" RealTrax™ Circle



- Lighted Lockon & Wire Harness
- Railware Interactive CD Rom with Track Layout Software

#### Locomotive Features:

- Die-Cast Metal Locomotive
- ABS Molded Tender
- Operates on O-27 Track
- Operating Headlight
- Precision Flywheel-Equipped Motor
- **Redesigned** Operating ProtoSmoke® System
- Operating Metal Coupler
- Metal Wheels, Axles and Gears
- **Equipped with your choice of All-New Loco-Sound™ Featuring Locomotive Speed Control and Bell, Whistle, and Turbine Steam Swooshing or All-New Proto-Sound® 2.0 with Digital Command System Featuring Freight Yard Proto-Effects™, Squeaking Brakes, and Improved Remotely Controlled Proto-Coupler®**
- **Among the many exciting new features available with the optional new Digital Command System are**
  - Variable Locomotive Speed Control
  - Variable Smoke Unit Output
  - Independent Light Control
  - Diagnostic Memory Features
  - Customizable, Downloadable Sounds
  - Simultaneous TMCC Operation
- Locomotive Measures Approximately: 20" x 2 1/2" x 3 1/2"

#### Freight Car Features:

- Die-Cast Metal Trucks with Operating Metal Couplers
- Fast-Angle Wheels and Needle-Point Axles
- Operating Cabooses Interior Lamp
- Cars Measure Approximately: 10 1/2" x 2 1/2" x 3 3/4"

## Powhatten Arrow Steam Passenger Ready-To-Run Train Set



**RAIL KING**  
**READY-TO-RUN** sets  
THE COMPLETE SOLUTION

**NEW**

The Norfolk & Western Class J 4-8-4 steam locomotive was especially designed to muscle the N&W's passenger cars over the railroad's tough, mountainous terrain. Not only was the engine nimble and powerful enough to top the highest mountains and to slow quickly for sharp curves before exploding back to full speed, but it is also considered one of the most beautiful streamlined steam engines ever built. The MTH 4-8-4 is a detailed replica of this engine's sleek good looks. It is backed by a matching streamlined 3-car passenger set, equipped with overhead lighting and detailed car interiors.

Each passenger car is constructed from durable ABS materials and features undercarriage detail, die-cast metal trucks, and operating metal couplers as well as fast-angle wheels and metal needle-point axles for a smooth, quiet ride. Best of all, the Ready-To-Run set's 75-watt transformer and the incredible pulling power of the 4-8-4 will allow you to add future cars to your consist without needing to upgrade either the locomotive or the transformer. M.T.H. is proud to present the best value for your model railroading dollar with our complete Ready-To-Run sets.



### Norfolk & Western, 4-8-4 J Steam Passenger Ready-To-Run Train Set

\$229.95 . . . . .30-4036-0 w/Loco-Sound™  
\$299.95 . . . . .30-4036-1 w/Proto-Sound 2.0

#### FEATURES INCLUDE

- Set Features:
- 4-8-4 J Steam Locomotive
  - 3-Car Streamlined Passenger Set
  - 75-Watt Z-750™ Transformer
  - Loco-Sound™ Wireless Infrared Remote Control
  - 31" x 31" RealTrax™ Circle



- Lighted Lockon & Wire Harness
- Railware Interactive CD Rom with Track Layout Software

#### Locomotive Features:

- Die-Cast Metal Locomotive
- ABS Molded Tender
- Operates on O-27 Track
- Operating Headlight
- Precision Flywheel-Equipped Motor
- **Redesigned** Operating ProtoSmoke® System
- Operating Metal Coupler
- Metal Wheels, Axles and Gears
- **Equipped with your choice of All-New Loco-Sound™ Featuring Locomotive Speed Control and Bell, Whistle and Steam Chuffing or All-New Proto-Sound® 2.0 with Digital Command System Featuring Passenger Station Proto-Effects™, Squeaking Brakes, and Improved Remotely Controlled Proto-Coupler®**
- **Among the many exciting new features available with the optional new Digital Command System are**
  - Variable Locomotive Speed Control
  - Variable Smoke Unit Output
  - Independent Light Control
  - Diagnostic Memory Features
  - Customizable, Downloadable Sounds
  - Simultaneous TMCC Operation
- Locomotive Measures Approximately: 20" x 2 1/4" x 3 1/2"

#### Passenger Car Features:

- Die-Cast Metal Trucks with Operating Metal Couplers
- Fast-Angle Wheels and Needle-Point Axles
- Operating Interior Lamps
- Detailed Car Interiors
- Passenger Cars Measure Approximately: 16 3/4" x 2 1/2" x 3 3/4"



## 4-8-4 Daylight Special Steam Passenger



**RAIL KING**  
**READY-TO-RUN** sets  
**THE COMPLETE SOLUTION**

Now you can share in the legend of one of the most beautiful passenger trains of all time: The Southern Pacific Daylight. The newly redesigned Daylight was the most luxurious train of its day when it appeared in 1937, and we have captured the beautiful paint job and intricately detailed engine and cars that made the train unforgettable. This complete Ready-To-Run set includes a durably constructed die-cast 4-8-4 Daylight steam locomotive, complete with electronic horn or the optional Proto-Sound® Digital Sound and Train Control System. Trailing behind the red and orange streamlined engine are three matching passenger cars, each featuring overhead lighting and detailed car interiors.

Each passenger car is constructed from durable ABS materials and features undercarriage detail, die-cast metal trucks, and operating metal couplers as well as fast-angle wheels and metal needle-point axles for a smooth, quiet ride. Best of all, the set's 75-watt transformer and the incredible pulling power of the 4-8-4 will allow you to add future cars to your consist without

needing to upgrade locomotive or transformer. M.T.H. is proud to present the best value for your model railroading dollar with our complete Ready-To-Run sets.

M.T.H. is also proud to introduce our new electronic features on the Ready-to-Run sets. We offer two new sound systems: Loco-Sound Featuring Locomotive Speed Control and Proto-Sound® 2.0 with DCS Digital Command System Featuring Passenger Station Proto-Effects™. Proto-Sound 2.0 recreates the exciting sounds of an authentic steam locomotive complete with digitally reproduced sounds of the engine's chuffing, bell, horn, engineer cab chatter radio transmissions, and Passenger Station sound effects. We're also pleased to announce that we now equip all M.T.H. Ready-to-Run sets with remote control operation, with our new Loco-Sound Wireless Remote Control. We're sure these new features, which are described more fully in the introductory pages of the catalog, will enhance your model railroading experience.



## Southern Pacific, 4-8-4 Daylight Steam Passenger Ready-To-Run Train Set

\$229.95 . . . . .30-4039-0 w/Loco-Sound™  
\$299.95 . . . . .30-4039-1 w/Proto-Sound 2.0

### FEATURES INCLUDE

Set Features:

- 4-8-4 Gs-4 Steam Locomotive
- 3-Car Streamlined Passenger Set
- 75-Watt Z-750™ Transformer
- Loco-Sound™ Wireless Infrared Remote Control
- 31" x 31" RealTrax™ Circle



- Lighted Lockon & Wire Harness
- Railware Interactive CD Rom with Track Layout Software

Locomotive Features:

- Die-Cast Metal Locomotive
- ABS Molded Tender
- Operates on O-27 Track
- Operating Headlight
- Precision Flywheel-Equipped Motor
- **Redesigned** Operating ProtoSmoke® System
- Operating Metal Coupler
- Metal Wheels, Axles and Gears
- **Equipped with your choice of All-New Loco-Sound™ Featuring Locomotive Speed Control and Bell, Whistle and Steam Chuffing or All-New Proto-Sound® 2.0 with Digital Command System Featuring Passenger Station Proto-Effects™, Squeaking Brakes, and Improved Remotely Controlled Proto-Coupler®**
- **Among the many exciting new features available with the optional new Digital Command System are**

- Variable Locomotive Speed Control
- Variable Smoke Unit Output
- Independent Light Control
- Diagnostic Memory Features
- Customizable, Downloadable Sounds
- Simultaneous TMCC Operation

- Locomotive Measures Approximately:  
20" x 2 1/2" x 3 1/2"

Passenger Car Features:

- Die-Cast Metal Trucks with Operating Metal Couplers
- Fast-Angle Wheels and Needle-Point Axles
- Operating Interior Lamps
- Detailed Car Interiors
- Cars Measure Approximately: 13 1/2" x 2 1/4" x 3 1/2"

## F-3 Super Chief Ready-To-Run Train Set



**RAIL KING**  
**READY-TO-RUN** sets  
**THE COMPLETE SOLUTION**

Perhaps the most popular locomotive paint scheme to ever grace the rails, the Santa Fe Warbonnet may be the most modeled deco scheme in model railroading. The allure of its silver and red livery has created indelible memories of the Santa Fe Super Chief in many a railfans mind. This complete ready-to-run set includes a durably constructed ABS molded Santa Fe F-3 two-motored diesel locomotive, complete with our new Loco-Sound™ or the optional Proto-Sound® 2.0 with Digital Command System. Trailing behind the silver & red streamlined A Unit are three matching streamlined passenger cars each featuring overhead lighting and detailed car interiors.

Each passenger car is constructed from durable ABS material and feature undercarriage detail, die-cast metal trucks and operating metal couplers as well as fast-angle wheels and metal needle-point axles for a smooth quiet



ride. Best of all, the set's combination of the 75-watt transformer and the incredible pulling power of the two flywheel-equipped motors inside the F-3 will allow for future cars to be added to your consist without upgrading locomotive or transformer. M.T.H. is proud to present the best value for your model railroading dollar with our complete Ready-To-Run sets.

The optional Proto-Sound® 2.0 Digital Command System recreates the exciting sounds of an authentic diesel locomotive complete with digitally reproduced sounds of the engine roar, bell, horn, engineer cab chatter radio transmissions and passenger station sound effects. The system also provides remote control over basic railroading functions like uncoupling, lockout direction, sound system volume control and much, much more!

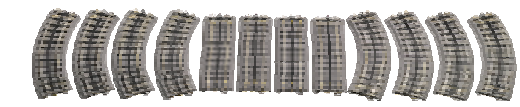
## Santa Fe, F-3 Super Chief Diesel Passenger Ready-To-Run Train Set

\$229.95 . . . . .30-4043-0 w/Loco-Sound™  
\$299.95 . . . . .30-4043-1 w/Proto-Sound 2.0

### FEATURES INCLUDE

Set Features:

- F-3 A Unit Diesel Locomotive
- Baggage Car, Vista Dome Car, Observation Car
- 75 Watt Z-750™ Transformer
- Loco-Sound™ Wireless Infrared Remote Control
- 31" x 51" RealTrax™ Oval



- Lighted Lockon & Wire Harness
- A Sound CD

Locomotive Features:

- Operating Headlight
- Durable ABS Intricately Detailed Body
- Operates on O-27 Track
- Metal Handrails and Decorative Metal Horn
- 2 Flywheel-Equipped Precision Motors
- Operating Electronic Horn
- Operating Metal Coupler
- Die-Cast Truck Blocks with All-Metal Wheels, Axles and Gears
- **Equipped with your choice of All-New Loco-Sound™ Featuring Locomotive Speed Control and Bell, Horn, and Diesel Engine Sounds or All-New Proto-Sound® 2.0 with Digital Command System Featuring Passenger Station Proto-Effects™, Squeaking Brakes, and Improved Remotely Controlled Proto-Coupler®**
- **Among the many exciting new features available with the optional new Digital Command System are**

- Variable Locomotive Speed Control
- Independent Light Control
- Diagnostic Memory Features
- Customizable, Downloadable Sounds
- Simultaneous TMCC Operation

- Locomotive Measures Approximately:  
14 1/2" x 2 5/8" x 3 5/8"

Passenger Car Features:

- Die-Cast Metal Trucks with Operating Metal Couplers
- Fast-Angle Wheels and Needle-Point Axles
- Overhead Lighting and Detailed Interior
- Cars Measure Approximately:  
10 1/2" x 2 1/2" x 3 3/4"

## Broadway Limited Steam Passenger Ready-To-Run Train Set



**RAIL KING**  
**READY-TO-RUN** sets  
**THE COMPLETE SOLUTION**

Realizing in the 1940s that diesel power was proving to be quite cost effective on other railroads, the Pennsylvania Railroad experimented with ways to make steam power more competitive with the diesel revolution. One bold new design deriving from the PRR's efforts was the S-2 6-8-6 Steam Turbine, a hybrid between the normal reciprocating steamer and a diesel or electric. While the S-2 still had a firebox and boiler and still generated steam, the pressure was run through a turbine instead of reciprocating cylinders to make power. Rather than the usual puffing noise associated with steam, this engine made a repetitive swoosh-swoosh as it ran (our Proto-Sound® 2.0 version will replicate this unique sound). The turbine design provided smooth and constant power to the drive wheels and at higher speeds proved to be much more efficient than traditional steam locomotives. Despite its high speed efficiency, the S-2 still retained many of the high costs of operating a steam engine. Pennsylvania made only one engine of this kind, and we are proud to present it in our Ready-To-Run train set. The 6-8-6 pulls a 3-Car Streamlined Passenger Set.

M.T.H. is proud to present the best value for your model railroading dollar with our complete Ready-To-Run sets. Each passenger car is constructed from durable ABS materials and features undercarriage detail, die-cast metal trucks, and operating metal couplers as well as fast-angle wheels and

metal needle-point axles for a smooth, quiet ride. Best of all, the set's 75-watt transformer and the incredible pulling power of the 6-8-6 will allow you to add future cars to your consist without needing to upgrade locomotive or transformer.

We also introduce new electronics in this catalog. The updated Loco-Sound with Locomotive Speed Control replaces the whistles and horns on our older sets. The optional improved Proto-Sound® 2.0 with DCS and Proto-Effects™ recreates the exciting sounds of this unique locomotive complete with digitally reproduced sounds of the engine's swooshing, bell, horn, engineer cab chatter radio transmissions, and Passenger Station sound effects. M.T.H.'s new Loco-Sound Wireless Remote Control, which comes standard with every set, provides remote control operation of your Ready-To-Run set.

Most recently available to O gauge fans in 1996, the PRR Steam Turbine was advertised at that time for more than \$795. Now we offer you this unique engine in a complete Ready-To-Run set with the full Proto-Sound 2.0 with Digital Command System for less than half that price. M.T.H. is proud to present the best value ever for your model railroading dollar.



### Pennsylvania, 6-8-6 Turbine Steam Passenger Ready-To-Run Train Set

\$229.95 . . . . .30-4038-0 w/Loco-Sound®  
\$299.95 . . . . .30-4038-1 w/Proto-Sound 2.0

#### FEATURES INCLUDE

Set Features:

- 6-8-6 Turbine Steam Locomotive
- 3-Car Streamlined Passenger Set
- 75-Watt Z-750™ Transformer
- Loco-Sound™ Wireless Infrared Remote Control
- 31" x 31" RealTrax™ Circle



- Lighted Lockon & Wire Harness
- Railware Interactive CD Rom with Track Layout Software

Locomotive Features:

- Die-Cast Metal Locomotive
- ABS Molded Tender
- Operates on O-27 Track
- Operating Headlight
- Precision Fly-wheel-Equipped Motor
- **Redesigned Operating ProtoSmoke® System**
- Operating Metal Coupler
- Metal Wheels, Axles and Gears
- **Equipped with your choice of All-New Loco-Sound™ Featuring Locomotive Speed Control and Bell, Whistle, and Steam Turbine Swooshing or All-New Proto-Sound® 2.0 with Digital Command System Featuring Passenger Station Proto-Effects™, Squeaking Brakes, and Improved Remotely Controlled Proto-Coupler®**
- **Among the many exciting new features available with the optional new Digital Command System are**

- Variable Locomotive Speed Control
- Variable Smoke Unit Output
- Independent Light Control
- Diagnostic Memory Features
- Customizable, Downloadable Sounds
- Simultaneous TMCC Operation

- Locomotive Measures Approximately: 20" x 2 1/2" x 3 1/2"

Passenger Car Features:

- Die-Cast Metal Trucks with Operating Metal Couplers
- Fast-Angle Wheels and Needle-Point Axles
- Operating Interior Lamps
- Detailed Car Interiors
- Measure Approximately: 13 1/2" x 2 1/4" x 3 1/2"

## McDonald's Freight Ready-To-Run Train Set



**RAIL KING**  
**READY-TO-RUN** sets  
**THE COMPLETE SOLUTION**

Add a colorful touch of Americana to your train collection! This brightly-painted McDonald's freight set perfectly complements the Original McDonald's RailTown Building (see page 60) to turn your layout into an authentically familiar Everytown USA. The F40PH diesel engine powers a McDonald's Box Car, Flat Car with Trailer and Caboose, to ensure that your restaurant is well-stocked.

Both the freight cars and the caboose feature die-cast metal trucks and operating metal couplers, as well as fast-angle wheels and metal needle-point axles for a smooth and quiet ride. Best of all, this set's combination of the 75-watt transformer and the awesome pulling power of the F40PH will allow for future cars to be added without needing to upgrade either the locomotive or the transformer.



### McDonald's, Freight Set Ready-To-Run Train Set

\$199.95 . . . . .30-4042-0 w/Loco-Sound™  
\$279.95 . . . . .30-4042-1 w/Proto-Sound 2.0

#### FEATURES INCLUDE

Set Features:

- F40PH Diesel Locomotive
- Box Car, Flat Car with Trailer and Lighted Caboose
- 75-Watt Z-750™ Transformer
- Loco-Sound™ Wireless Infrared Remote Control
- 31" x 31" RealTrax™ Circle



- Lighted Lockon & Wire Harness
- Railware Interactive CD Rom with Track Layout Software

Locomotive Features:

- Operating Headlight
- Durable ABS Intricately Detailed Body
- Die-Cast Truck Blocks with All-Metal Wheels, Axles, and Gears
- Operates on O-27 track
- Operating Metal Couplers
- Decorative Metal Horn
- 2 Precision Flywheel-Equipped Motors
- **Equipped with your choice of All-New Loco-Sound™ Featuring Locomotive Speed Control and Bell, Horn, and Diesel Engine Noises or All-New Proto-Sound® 2.0 with Digital Command System Featuring Freight Yard Proto-Effects™, Squeaking Brakes, and Improved Remotely Controlled Proto-Coupler®**
- **Among the many exciting new features available with the optional new Digital Command System are**

- Variable Locomotive Speed Control
- Independent Light Control
- Diagnostic Memory Features
- Customizable, Downloadable Sounds
- Simultaneous TMCC Operation

- Measures Approximately: 14 1/2" x 2 5/8" x 3 5/8"

Freight Car Features:

- Die-Cast Metal Trucks with Operating Metal Couplers
- Fast-Angle Wheels and Needle-Point Axles
- Operating Caboose Interior Lamp
- Cars Measure Approximately: 10 1/2" x 2 1/2" x 3 3/4"



## Semi-Scale Rolling Stock

Expand your model railroad empire with an exciting array of RailKing® Ready-To-Run freight cars. Each car features a precision molded ABS plastic body mounted atop die-cast, sprung trucks\* with operating metal couplers. Every truck comes equipped with needle-point axles and fast-angle metal wheels for a smooth rolling, quiet ride. The intricately detailed body sports the attractive paint scheme and detailed graphics that make RailKing freight cars an incredible model railroading value. Because every RailKing locomotive is engineered to pull at least a dozen freight cars, today's RailKing model railroader is able to create long, realistic consists with various cars for a truly authentic look.

### FEATURES INCLUDE

- Durable ABS Plastic
- Die-Cast 4 or 6-Wheel Trucks
- Operating Die-Cast Metal Couplers
- Colorful Paint Schemes
- Most Cars Operate on O-27 Track
- Decorative Brake Wheels
- Detailed Caboose Interiors\*\*
- Fast-Angle Wheel Sets
- Needle-Point Axles
- Sliding Car Doors
- Each Car Measures Approximately:  
10 1/2" x 2 1/2" x 3 3/4"

\* Excluded On Most Caboose and Depressed Flats  
\*\* Detailed Interiors Not Found On All RailKing Caboose



**O-27**  
NASA, Bay Window Caboose  
Item No. 30-7735 \$39.95



**O-27**  
M.T.H. Transport, Flat Car w/Ertl® '30 1/2 Ton Panel Van  
Item No. 30-7671 \$39.95



**O-27**  
Jersey Central, Crane Car  
Item No. 30-7935 \$49.95



**O-27**  
Southern Pacific, Steel Caboose  
Item No. 30-7737 \$39.95



**O-27**  
Needham Packing, Reefer Car  
Item No. 30-7815 \$32.95



**O-27**  
M.T.H. Transport, Flat Car w/8 Wheel Sets  
Item No. 30-7668 \$32.95



**O-27**  
M.T.H. Transport, Flat Car w/Airplane  
Item No. 30-7672 \$39.95



**O-27**  
Chicago Northwestern, Steel Caboose  
Item No. 30-7734 \$39.95



**O-27**  
Pepper Packing, Reefer Car  
Item No. 30-7816 \$32.95



**O-27**  
M.T.H. Transport, Flat Car w/4 Freight Car Trucks  
Item No. 30-7669 \$32.95



**O-27**  
Conrail, PS-2 Discharge Hopper Car  
Item No. 30-7534 \$32.95 **NEW**



**O-31**  
State Of Maine, 50' Modern Box Car  
Item No. 30-7450 \$34.95



**O-27**  
Norfolk & Western, Woodside Caboose  
Item No. 30-7736 \$39.95



**O-27**  
New York Central, Rounded Roof Box Car  
Item No. 30-7447 \$32.95



**O-27**  
M.T.H. Transport, Flat Car w/Ertl® '67 Camaros  
Item No. 30-7670 \$39.95



**O-27**  
Pennsylvania, PS-2 Discharge Hopper Car  
Item No. 30-7537 \$32.95 **NEW**



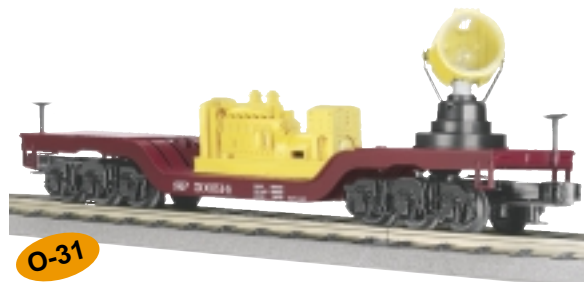
**O-31**  
Pennsylvania, 50' Modern Box Car  
Item No. 30-7448 \$34.95



**O-27**  
McDonald's, Tank Car  
Item No. 30-7327 \$32.95



**O-27**  
Seaboard, Rounded Roof Box Car  
Item No. 30-7449 \$32.95



**O-31**  
Southern Pacific, Searchlight Car  
Item No. 30-7938 \$39.95



**O-31**  
Chessie, Searchlight Car  
Item No. 30-7933 \$39.95



**O-31**  
Pennsylvania, Searchlight Car  
Item No. 30-7937 \$39.95



**O-31**  
New York Central, Searchlight Car  
Item No. 30-7936 \$39.95

## Die-Cast Rolling

M.T.H.'s past years of die-cast metal casting experience have taught us ways to combine state-of-the-art casting techniques with computer-aided design tools. Each process ensures the creation of the very finest die-cast metal rolling stock ever produced for O Gauge railroaders--all at prices more affordable than ever.

RailKing die-cast freight cars feature precision molded cast metal bodies mounted atop die-cast, sprung trucks\* with operating metal couplers. Each truck features needle-point axles and fast-angle metal wheels for a smooth rolling, quiet ride despite the increased weight of the metal die-cast bodies. Each intricately detailed car sports an attractive paint scheme and detailed graphics that make RailKing die-cast freight cars an incredible model railroading value.

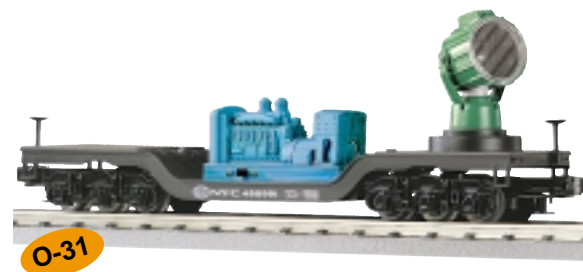
### FEATURES INCLUDE

- Durable Die-Cast Metal Intricately Detailed Bodies
- Die-Cast 4 or 6-Wheel Trucks
- Operating Die-Cast Metal Couplers
- Colorful Paint Schemes
- Most Cars Operate on O-27 Track
- Decorative Brake Wheels
- Fast-Angle Wheel Sets
- Needle-Point Axles
- Sliding Car Doors
- Stamped Metal Floors on Most Cars
- Each Car Measures Approximately: 10 1/2" x 2 1/2" x 3 3/4"

\* Excluding cabooses and depressed-center flat cars



**O-31**  
Northern Pacific, Die-Cast Searchlight Car  
Item No. 30-8306 \$59.95 **NEW**



**O-31**  
New York Central, Die-Cast Searchlight Car  
Item No. 30-8305 \$59.95 **NEW**



**O-27**  
Chesapeake & Ohio, Die-Cast Stock Car  
Item No. 30-8701 \$44.95 **NEW**



**O-27**  
Union Pacific, Die-Cast Stock Car  
Item No. 30-8702 \$44.95 **NEW**

## Operating Rolling

Operating RailKing freight cars are sure to fast become some of your favorite rolling stock items. This time, we offer four of our most popular items: our Hopper Car with Operating Coal Load, Dump Car with Operating Bay, Operating Hand Car, and Flat Car with Operating Helicopter. Each features near-silent operation and realistic movement.

The Hopper Car features a simulated coal load that "disappears" when the car rests at a coal dump. The Dump Car body rises up on one side. As it rises, the opposite bay's side drops down to allow the car's contents to slide out onto your track siding. The Hand Car's two track workers pump the handle as fast as they can, trying not to get run over by a train. The operating Helicopter actually flies. It lifts off the flat car base, rises into the air, and then lands on your layout, all without any connecting wires! Each of these amazing operating cars will add realism and fun to your railroad operation.

All cars feature simple operation and can be controlled with any manufacturer's operating track section.

### FEATURES INCLUDE

- Durable, Intricately-Detailed ABS Bodies
- Die-Cast 4-Wheel Trucks
- Operating Die-Cast Metal Couplers
- Colorful Paint Schemes
- Most Cars Operate on O-27 Track
- Decorative Brake Wheels
- Fast-Angle Wheel Sets
- Needle-Point Axles
- Stamped Metal Floors on Most Cars
- Track-Activated Operating Mechanisms
- Each Car Measures Approximately: 10 1/2" x 2 1/2" x 2 1/2"

### HAND CAR FEATURES

- 2 Hand-Painted Figures
- Precision Can Motor
- ABRM (Automatic Bumper Reversing Mechanism)
- Die-Cast Truck
- Metal Wheels and Gears
- Measures: 4 1/4" x 2" x 2 3/4"



**O-31**  
Conrail, Dump Car w/Operating Bay  
Item No. 30-7934 \$39.95



**O-31**  
New York Central, Dump Car w/Operating Bay  
Item No. 30-7941 \$ 39.95



**O-27**  
Union Pacific, Hopper Car w/Operating Coal Load  
Item No. 30-7538 \$39.95



**O-27**  
NASA, Flat Car w/Operating Helicopter  
Item No. 30-7940 \$59.95



**O-27**  
Red Cross, Flat Car w/Operating Helicopter  
Item No. 30-7942 \$59.95



**O-27**  
Operating Hand Car  
Item No. 30-2520 \$59.95

# 6-Car Freight Sets



Conrail, 6-Car Freight Set  
Item No. 30-7011 \$199.95

- O-27 Box Car
- O-27 Gondola w/Junk Load
- O-27 Hopper Car
- O-31 Searchlight Car
- O-27 3-Dome Tank Car
- O-27 Bay Window Caboose

*Perfect Complement for the Conrail SD-45 and GG-1 - See Page 22 &*



Electro Motive, 6-Car Freight Set  
Item No. 30-7012 \$199.95

- O-27 Box Car
- O-27 Auto Carrier w/'57 Chevys
- O-27 Flat Car w/Trailer
- O-27 Hopper Car
- O-31 Depressed Flat Car w/Transformer
- O-27 Steel Caboose

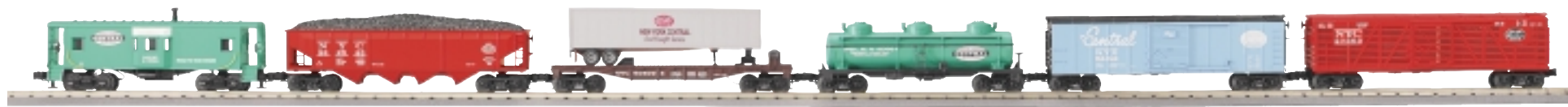
*Perfect Complement for the EMD SD-45 Diesel - See Page 22*



New Haven, 6-Car Freight Set  
Item No. 30-7013 \$199.95

- O-31 50' Modern Box Car
- O-27 Flat Car w/Trailer
- O-27 Gondola w/Cover
- O-27 Hopper Car
- O-31 Depressed Flat Car w/Transformer
- O-27 Steel Caboose

*Perfect Complement for the New Haven Rectifier - See Page 31*



New York Central, 6-Car Freight Set  
Item No. 30-7014 \$199.95

- O-27 Stock Car
- O-27 Box Car
- O-27 3-Dome Tank Car
- O-27 Flat Car w/Trailer
- O-27 Hopper Car w/Coal Load
- O-27 Bay Window Caboose

*Perfect Complement for the NYC Mohawk Steamer - See*



New York Ontario & Western, 6-Car Freight Set  
Item No. 30-7015 \$199.95

- O-27 Box Car
- O-27 Gondola w/Junk Load
- O-27 2 Bay Hopper Car
- O-27 Hopper Car
- O-27 Tank Car
- O-27 Woodside Caboose

*Perfect Complement for the NYO & W L-3 Mohawk Steamer - See*



Pennsylvania, 6-Car Freight Set  
Item No. 30-7016 \$199.95

- O-31 50' Modern Box Car
- O-27 Hopper Car
- O-27 Flat Car w/Firetruck
- O-27 Flat Car w/Trailer
- O-27 3-Dome Tank Car
- O-27 Woodside Caboose

*Perfect Complement for the Pennsy L-1 Mikado Steamer, "Baby" Turbine, RS-3 Diesel and GG-1 Electric - See Pages 10, 18, 36 & 39*



Reading, 6-Car Freight Set  
Item No. 30-7017 \$199.95

- O-27 Box Car
- O-27 Gondola w/Junk Load
- O-27 Flat Car w/Trailer
- O-27 Tank Car
- O-27 Hopper Car
- O-27 Steel Caboose

*Perfect Complement for the Reading SW-1500 Diesel - See*



Virginian, 6-Car Freight Set  
Item No. 30-7018 \$199.95

- O-27 Box Car
- O-27 Flat Car w/Trailer
- O-31 Searchlight Car
- O-27 Crane Car
- O-27 Crane Tender
- O-27 Woodside Caboose

*Perfect Complement for the Virginian Rectifier - See Page 31*



Norfolk & Western, 4 Bay Hopper 6-Car Freight Set  
Item No. 30-7535 and 30-7536 \$199.95 (per set)  
Both sets numbered differently

- O-27 4 Bay Hopper

*Perfect Complement for the N&W Y6b Steamer - See Page 12*



## MADISON PASSENGER SETS

Enjoy years of realistic operating fun with RailKing® Madison “Heavyweight” passenger cars. Each car is sturdily constructed and features die-cast metal trucks and operating couplers mounted under tough and rugged ABS plastic bodies. Each passenger car includes detailed, illuminated car interiors and end-of-car diaphragms for a realistic look. In addition, all RailKing passenger cars feature smooth rolling needle point axles for less drag and easy pulling.

### FEATURES INCLUDE

Madison Cars

- Die-Cast 6 Wheel Trucks
- Operating Metal Couplers
- Interior Detail in Passenger Cars
- Two 3rd Rail Pickups per Car
- Each Passenger Car Features Overhead Lighting
- Operates on O-27 Curves
- Undercarriage Detail
- Each Car Measures Approximately:  
13 1/2" x 2 1/4" x 3 1/2"



Baltimore & Ohio, 2-Car O-27 Madison Combo/Diner Set  
Item No. 30-6269 \$79.95



Pennsylvania, O-27 Madison Coach Car  
Item No. 30-6237 \$39.95



Pennsylvania, 4-Car O-27 Madison Passenger Set  
Item No. 30-6236 \$159.95

*Perfect Complement for the Pennsy K-4 Steamer - See Page 16*



## STREAMLINED PASSENGER SETS

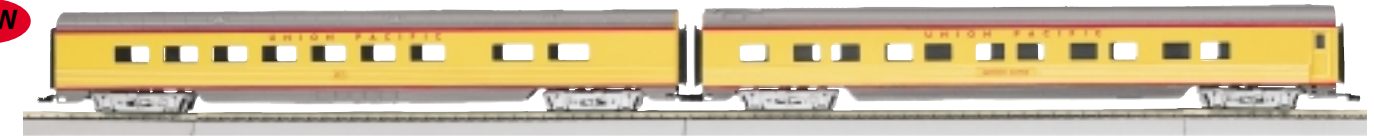
Choose from two exciting styles of RailKing® streamlined passenger cars - a new-for-2000 smooth-roofed 60' model measuring nearly 15" in length or the O-27 rib-sided 13" car that set the standard for RailKing passenger cars. No matter which model you choose, each is designed for years of operating fun thanks to their sturdily constructed die-cast metal trucks and operating couplers mounted beneath tough ABS plastic bodies. Each four-car set includes detailed, illuminated passenger car interiors and end-of-car diaphragms for an added touch of realism. As with all RailKing passenger cars, each car truck features fast-angle wheels and smooth rolling needle point axles for less drag and easy pulling.

### FEATURES INCLUDE

60' Streamlined Cars

- Die-Cast 4-Wheel Trucks
- Operating Metal Couplers
- Interior Detail in Passenger Cars
- Each Passenger Car Features Overhead Lighting
- Operates on O-31 Curves
- Undercarriage Detail
- 4- Car Sets Feature 1 Baggage, 1 Coach, 1 Vista Dome and 1 Observation Car
- Each Car Measures Approximately:  
15 7/8" x 2 3/16" x 3 5/16"

**NEW**



Union Pacific, 2-Car 60' Streamlined ABS Sleeper/Diner Passenger Set - Smooth Sided  
Item No. 30-6722 \$89.95

**NEW**



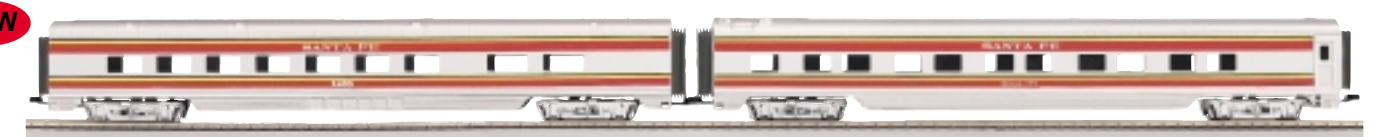
Rock Island, 2-Car 60' Streamlined ABS Sleeper/Diner Passenger Set - Smooth Sided  
Item No. 30-6710 \$89.95

**NEW**



Pennsylvania, 2-Car 60' Streamlined ABS Sleeper/Diner Passenger Set - Smooth Sided  
Item No. 30-6717 \$89.95

**NEW**



Santa Fe, 2-Car 60' Streamlined ABS Sleeper/Diner Passenger Set - Smooth Sided  
Item No. 30-6719 \$89.95

**NEW**



Seaboard, 2-Car 60' Streamlined ABS Sleeper/Diner Passenger Set - Smooth Sided  
Item No. 30-6720 \$89.95



Lehigh Valley, 4-Car 60' Streamlined ABS Passenger Set - Smooth Sided  
Item No. 30-6711 \$179.95

*Perfect Complement for the Lehigh Valley Alco PA Diesel Set - See*



Pennsylvania, 4-Car 60' Streamlined ABS Passenger Set - Smooth Sided  
Item No. 30-6715 \$179.95



Southern Pacific, 4-Car 60' Streamlined ABS Passenger Set - Smooth Sided  
Item No. 30-6724 \$179.95

*Perfect Complement for the Southern Pacific Alco PA Diesel Set - See Page*



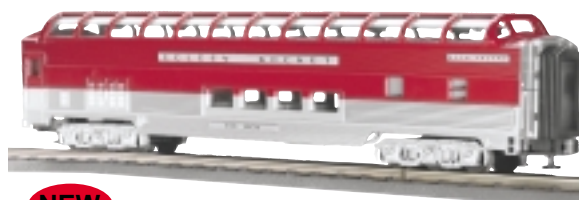
**NEW**

Seaboard, 60' Streamlined ABS Full-Length Vista Dome Car  
Item No. 30-6721 \$49.95



**NEW**

Union Pacific, 60' Streamlined ABS Full-Length Vista Dome Car  
Item No. 30-6723 \$49.95



**NEW**

Rock Island, 60' Streamlined ABS Full-Length Vista Dome Car  
Item No. 30-6729 \$49.95

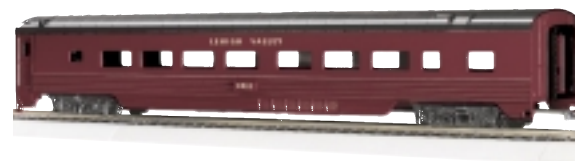


**NEW**

Santa Fe, 60' Streamlined ABS Full-Length Vista Dome Car  
Item No. 30-6728 \$49.95



Rear-View  
60' Streamlined Observation Car



Lehigh Valley, 60' Streamlined ABS Coach Car  
Item No. 30-6712 \$45.95



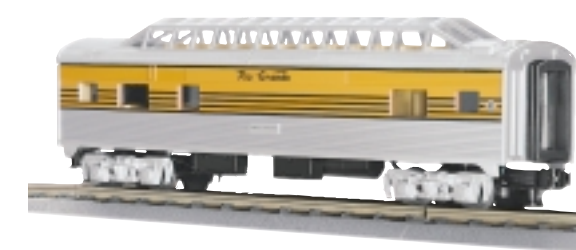
Pennsylvania, 60' Streamlined ABS Coach Car  
Item No. 30-6716 \$45.95



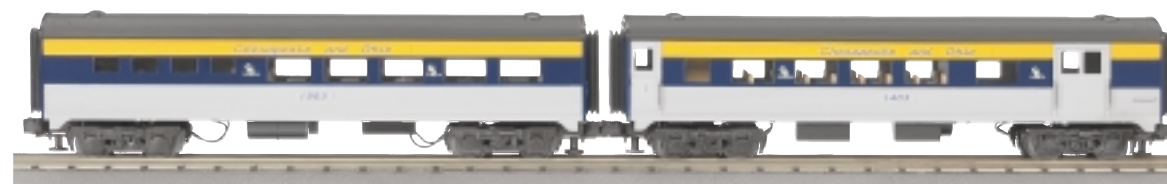
Southern Pacific, 60' Streamlined ABS Coach Car  
Item No. 30-6727 \$45.95



Chesapeake & Ohio, O-27 Streamlined Full-Length Vista Dome Car  
Item No. 30-6149 \$39.95



Denver Rio Grande, O-27 Streamlined Full-Length Vista Dome Car  
Item No. 30-6151 \$39.95



Chesapeake & Ohio, 2-Car O-27 Streamlined Combo/Diner Set - Painted  
Item No. 30-6148 \$79.95



Denver Rio Grande, 2-Car O-27 Streamlined Combo/Diner Set - Painted  
Item No. 30-6150 \$79.95

## FEATURES INCLUDE

- O-27 Streamlined Cars
- Die-Cast 4-Wheel Trucks
- Operating Metal Couplers
- Interior Detail in Passenger Cars
- Each Passenger Car Features Overhead Lighting
- Operates on O-27 Curves
- Undercarriage Detail
- Each Car Measures Approximately:  
13 1/2" x 2 1/4" x 3 1/2"



## RAIL KING BUILDINGS

Half the fun of model railroading is building a layout, and with RailKing® RailTown™ buildings, layout expansion is just a few steps away. These easy-to-use buildings require no assembly. Simply remove them from the box, wire up the pre-installed lights and start enjoying their attractive, detailed looks on your O Gauge pike. Constructed from sturdy ABS plastic and brightly painted and detailed, RailTown buildings are a perfect addition on any O-27 or O Gauge layout, as each is sized for use with all O Gauge locomotives and rolling stock.

Our most exciting new RailTown addition is a replica of the McDonalds Ray Kroc built in Des Plaines, Illinois, in 1955. The building now serves not as a restaurant but as a McDonalds museum, reminding us what an American institution the Golden Arches are.

Add a splash of life to your layout with these quality-built RailTown buildings. Constructed from sturdy ABS plastic and brightly decorated, RailTown buildings are a perfect addition on any O-27 or O Gauge layout. Each is sized for use with all O Gauge locomotives and rolling stock, comes pre-assembled and painted, and features exterior lighting.



**Original McDonald's**  
Measures: 14 1/2" x 12" x 7 1/2"  
Item No. 30-9034  
\$69.95

**NEW**

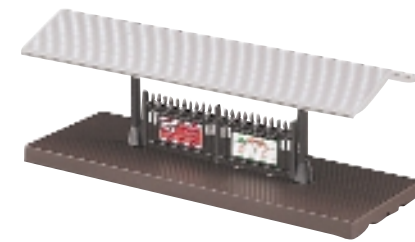
- Completely Pre-Assembled
- Easy-to-Wire Interior Lights
- Fully Decorated and Painted



**McDonald's Freight Set, Ready-To-Run Train Set**

\$199.95 . . . . .30-4042-0 w/Loco-Sound™  
\$279.95 . . . . .30-4042-1 w/Proto-Sound 2.0

See Page 49 for for the McDonald's Ready-To-Run Set Features



**Passenger Station Platform**  
Measures: 10" x 3 1/2" x 4"  
Item No. 30-9006  
\$19.95



**Row House #2**  
Measures: 4 1/2" x 8 1/4" x 7 1/4"  
Item No. 30-9024  
\$24.95



**First City Bank**  
Measures: 9 1/2" x 17 15/16" x 9 1/8"  
Item No. 30-9017  
\$39.95



**Passenger Station w/dual Platforms**  
Measures: 19" x 9" x 8 1/2" (Orange)  
Item No. 30-9005  
\$79.95



**Row House #1**  
Measures: 4 1/2" x 8 1/4" x 7 1/4"  
Item No. 30-9023  
\$24.95



**#6 Farm House**  
Measures: 8 1/4" x 8" x 7"  
Item No. 30-9016  
\$29.95

**Passenger Station w/dual Platforms**  
A new RailTown building joins your layout in a big way. The Passenger Station is a two story building with a passenger platform. Like other RailTown buildings, the Passenger Station comes fully assembled and with interior lighting.

- Features:**
- Completely Pre-Assembled
  - Fully Decorated
  - Easy-to-Wire Interior Lights



**RKL Engine Shed**  
Measures: 24" x 8 1/2" x 13 1/2"  
Item No. 30-9030  
\$79.95





RAILKING BUILDINGS



**Pennsylvania, Switch Tower**  
 Measures: 16 1/8" x 10 1/2" x 9 1/2"  
 Item No. 30-9031  
 \$29.95



**Gray w/Blue Trim, Switch Tower**  
 Measures: 16 1/8" x 10 1/2" x 9 1/2"  
 Item No. 30-9011  
 \$29.95

**Citgo, Operating Gas Station**  
 Measures: 15" x 11" x 6 1/2"  
 Item No. 30-91 13  
 \$129.95



The full service of the Operating Citgo Service Station arrives with all the Art Deco looks that made the service stations of the fifties so unique. Featuring a die-cast Ertl® Camaro, lighted Citgo signs and gas pumps, this operating accessory brings the service station to life at the touch of a button. When activated, the station's bay door rises to reveal a gleaming Camaro inside. The Chevy classic slowly pulls out of the bay and heads for the pump island for a fill up. It's all accompanied by the classic sounds of a service station, including the bell as each gallon is pumped. It's sure to be a favorite on your layout.



**Operating Firehouse**  
 Measures: 15 1/2" x 16 1/2" x 11 1/2"  
 Item No. 30-91 12  
 \$129.95



The M.T.H. Operating Firehouse is sure to add excitement to any O Gauge layout. Designed for years of use, this unique accessory features interior illumination, flashing red warning lights, a die-cast Ertl® Fire Truck, sound effects, and operating movement of the bay door, fire truck and sliding fire fighter.

One push of the operating button and you'll awaken the station's members with the whine of the firehouse alarm. As the fire fighters awake, the interior lights switch on, followed by the flashing of the exterior warning lights. Through the windows, you'll see a fire fighter slide down the fire pole. Watch and listen as the bay door opens and the fire truck's motor rumbles to life. Then, with its siren shrieking, the fire truck pulls out of the station and heads off to save the day!

Operating Passenger Station



Train Arrives...

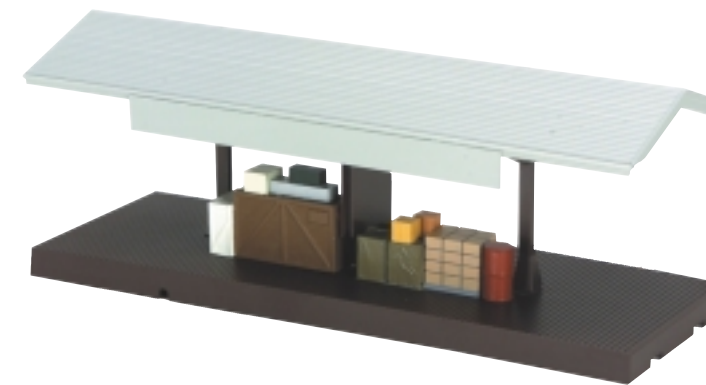


Passengers Board...

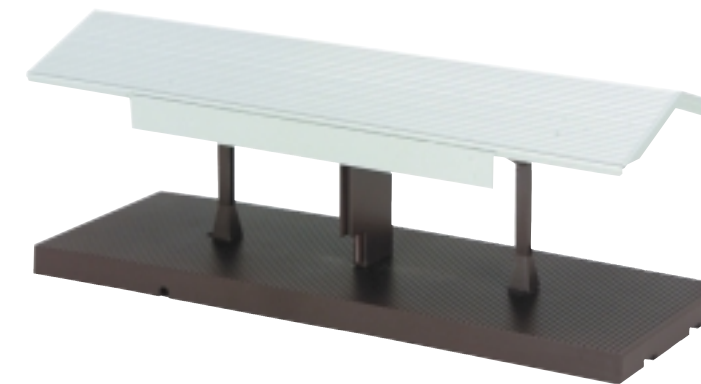


Train Departs!

Operating Freight Station **NEW**



Freight on Platform...



Freight Loaded on Train

Operating Passenger & Freight Station

Add to your RailTown™ railroad buildings with the new Operating Freight Platform and Operating Passenger Platform. When connected to a track activation device or an insulated section of track, the platform's freight and passengers disappear "into" their trains for the trip ahead. After the train pulls away from the station, the platforms are empty. The secret to the empty platforms is an ingenious design that hides the freight and passengers up under the roof of the platform, giving the illusion that they have boarded the train. The RailTown™ Operating Freight and Passenger Platforms are just two examples of the exciting and all-new operating accessories from MTH Electric Trains.

FEATURES INCLUDE

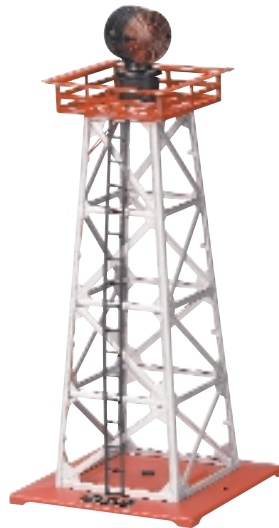
- Completely Pre-Assembled
- Fully Decorated
- Decorated Passenger Figures or Freight Loads
- Operating Platform Lights
- Silent Solenoid Driven Action
- Easy-to-Wire

**Operating Passenger Station Platform**  
 Measures: 10" x 3 1/2" x 4"  
 Item No. 30-9107  
 \$49.95

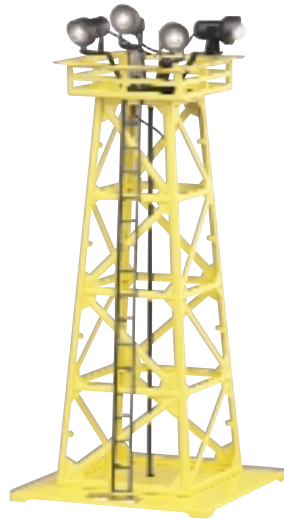
**Operating Freight Platform**  
 Measures: 10" x 3 1/2" x 4"  
 Item No. 30-91 11  
 \$49.95



**Radar Tower**  
Measures: 4 1/2" x 5" x 11 1/2"  
Item No. 30-9032  
\$39.95



**Rotary Beacon**  
Measures: 5" x 5" x 12"  
Item No. 30-9033  
\$39.95



**#395 Flood Tower**  
Measures: 5" x 5" x 11 1/4"  
Item No. 30-9025  
\$39.95



**#445 Oil Derrick**  
Measures: 9 3/4" x 5 3/4" x 13 3/4"  
Item No. 30-9027  
\$79.95

- Features
- Authentic Pumping Operation With Bubbling Oil Pipe
  - Durable Stamped Steel & ABS Construction
  - Adjustable Derrick Hook
  - Four Brightly Decorated Oil Barrels



**#153 Operating Block Signal**  
Measures: 9" Tall  
Item No. 30-1076  
\$29.95



**#152 Operating Crossing Gate**  
(Red/Aluminum) Measures: 9" Tall  
Item No. 30-11008  
\$29.95



**#154 Highway Flashing Signal**  
Measures: 8 3/4" Tall  
Item No. 30-1074  
\$29.95



**#262 Crossing Gate/Signal**  
Measures: 11" Tall  
Item No. 30-1073  
\$39.95



**Operating Banjo Signal**  
Measures: 8 3/4" Tall  
Item No. 30-1093  
\$29.95



**#151 Operating Semaphore**  
(Green Base) Measures: 9" Tall  
Item No. 30-1075  
\$29.95

*Miscellaneous Accessories*

Great accessories have been a part of the RailKing® line since its inception, and MTH continues that tradition in the new Millennium. Model railroaders can choose from several exciting brand-new MTH operating accessories as well as some past RailKing favorites.

In addition to RailKing Operating Accessories, you'll find an incredible selection of die-cast metal lamp sets and trackside accessories in both Traditional and O Scale sizes. At a fraction of the cost of typical O Gauge accessories, RailKing accessories are the easiest way to bring traditional looks and color to your O Gauge layout.

Snap this lighted lock-on into any manufacturer's tubular O, O-27 or standard gauge track section. The built-in lamp will light whenever power is applied to the rails providing an easy, illuminating reference to which track sections are powered up.

Operate your RailKing accessories or any manufacturer's trackside accessories with this easy-to-use track activation device for tubular track. Simply slide the TAD under your tubular track section, dial in the weight setting of your consist, wire up the connectors to your accessory and you're ready for hands-free accessory operation!

For the operator on a budget, the Z-750™, packing 50-75 watts of power, is an excellent power choice for small and medium sized layouts or for anyone looking to power model railroading accessories. Featuring a U.L. approved design, the Z-750 utilizes a transformer and separate controller which contains bell, horn and direction buttons that can control any manufacturer's locomotives and sound systems including Proto-Sound® equipped steam, diesel and electric locomotives

**Big Mo Trailer**, Features, Durable ABS Intricately Detailed Body, Lit Interior, Fold-Up Sides.

For a more automated approach, try using our **RealTrax™ ITAD** with any manufacturer's tubular Track. The RealTrax™ ITAD can be easily modified for tubular track operation.



**Protosmoke® Fluid**  
7oz. Bottle  
Item No. 60-1045  
\$9.95



**Big Mo Trailer**  
Durable ABS Intricately Detailed Body, Lit Interior  
Measures: 10 1/2" x 2 1/2" x 3 3/4"  
Item No. 30-50004  
\$24.95

**NEW**



**ITAD (Insulated Track Activation Device)**  
Item No. 40-1028  
\$19.95



**Bag of Coal**  
Item No. 30-50005  
\$3.49

**Now Sold Separately**



**Z-500™ 50-Watt Transformer**  
Item No. 40-500  
\$49.95



**O Gauge Track Activation Device (TAD)**  
Item No. 10-1037  
\$9.95



**O Standard Gauge Lighted Lockon**  
Item No. 10-1021  
\$3.99



**Z-750™ 75-Watt Transformer**  
Item No. 40-750  
\$79.95