

TINPLATE TRADITIONS[®]
By MTH Electric Trains

www.railking.com

No. 10 Electric Passenger Set

Operation Manual



DLS
PROTO-SOUND
DIGITAL COMMAND SYSTEM



Thank you for purchasing this MTH Electric Trains product.
PLEASE READ BEFORE USE AND SAVE

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CAUTION: ELECTRICAL OPERATED PRODUCT:

Not recommended for children under 10 years of age. M.T.H. recommends adult supervision with children ages 10-16. As with all electric products, precautions should be observed during handling and use to reduce the risk of electric shock.

WARNING: When using electrical products, basic safety precautions should be observed, including the following: Read this manual thoroughly before using this device.

- M.T.H. recommends that all users and persons supervising use examine the hobby transformer and other electronic equipment periodically for conditions that may result in the risk of fire, electric shock, or injury to persons, such as damage to the primary cord, plug blades, housing, output jacks or other parts. In the event such conditions exist, the train set should not be used until properly repaired.
- Do not operate your layout unattended. Obstructed accessories or stalled trains may overheat, resulting in damage to your layout.
- This train set is intended for indoor use. Do not use if water is present. Serious injury or fatality may result.
- Do not operate the hobby transformer with damaged cord, plug, switches, buttons or case.
- The transformer was designed to operate on regular US household current (120 volt, 50-60 Hertz). Do not connect to any other source of power.
- To avoid the risk of electrical shock, do not disassemble the transformer unit. There are non-user-serviceable parts inside. If the unit is damaged contact M.T.H. Service for instructions.
- The transformer is equipped with an internal circuit protector. If the circuit protector trips, unplug the power cord from the electrical wall outlet, check your layout for any short circuits. The circuit breaker will reset automatically when the short is removed from the circuit.
- Unplug the transformer from the electrical wall outlet when not in use.
- Do not use this transformer for other than its intended purpose.

Transformer Ratings:

Input: 120VAC, 60Hz Only, Output: 14VAC 80W or 18VAC 100W

Set Up Checklist

- Assemble Std. 42" Track
- Connect the transformer
- Lubricate the engine
- Place the engine and cars on the track and couple them together
- Position remote lock-on lens
- Check to see whether the battery needs to be charged for full sound effects
- Apply power to run as described in the Basic Operation section of these instructions.

Set Includes

Electric Engine with Proto-Sound® 2.0

8-Pieces Std. 42" Gauge Track

Std. Gauge Lighted Lock-On

3 Passenger Cars

Z-Controller

Z-1000 Power Supply Brick

2 Wires (1 red, 1 black)

Tools Needed

Battery Charger (Optional)

Cotton Swab or Rag

Rail King Maintenance Kit or Light Household Oil and Bearing Grease

You can obtain replacement parts and replacement instructions from the M.T.H. Parts Department

e-mail: parts@mth-railking.com

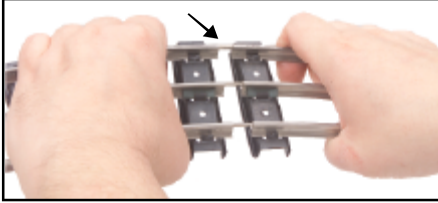
phone: 410-381-2580

mail: 7020 Columbia Gateway Drive, Columbia MD 21046-1532

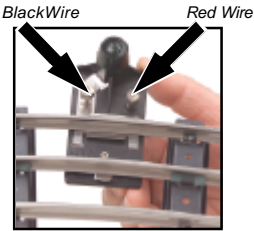
Getting Started

Assembling Std. 42 Track

The track pins allow you to set up the Std. 42 Track on any flat surface.



STEP 1 Line up and insert the track pins into the receiving holes on another section of track. Push track section together for tight fit.



STEP 2 Clip Lighted Lock-onto track as shown in picture. Then Connect Red wire to the pin on the left of the light. And then connect the Black wire to the pin on the right of the light as shown in picture.

Connecting the Transformer

The 100-watt power supply included with this set provides an easy-to-use, safe power source for AC-powered trains and accessories. (see pg. 6)

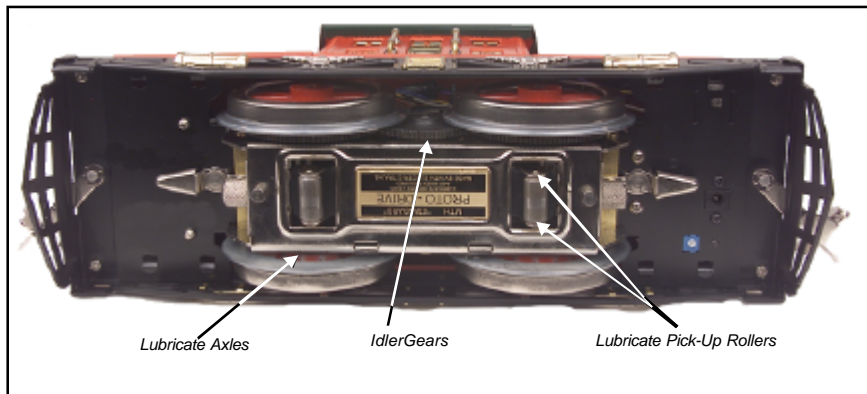
- Plug the wire from the transformer into the back of the Z-1000 Controller.
- Plug in red and black wires from Lighted Lock-onto the corresponding ports on the back of the Z-1000 Controller.
- Then plug the transformer into the wall outlet.
- Unplug when not in use.





Lubricating and Greasing the Engine

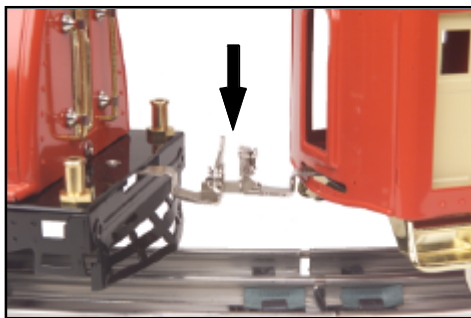
Before operating, lubricate all exposed moving parts using a multi-purpose oil (available with M.T.H.'s Maintenance Kit, sold separately) or a light household oil. Follow the lubrication points.



Coupling the Engine and Car

STEP
1

Position armature for proper operation by lifting up on the coupler latch arm making sure the couplers are together and then releasing the coupler latch arm.



Checking the Battery

You may find, if your set was built several months before you set it up, that the rechargeable battery has run down and needs to be charged before operating. If you notice that the sounds are garbled, test and charge the engine as described in "Self-Charging Battery Back-Up" on page 12.

Basic Operation

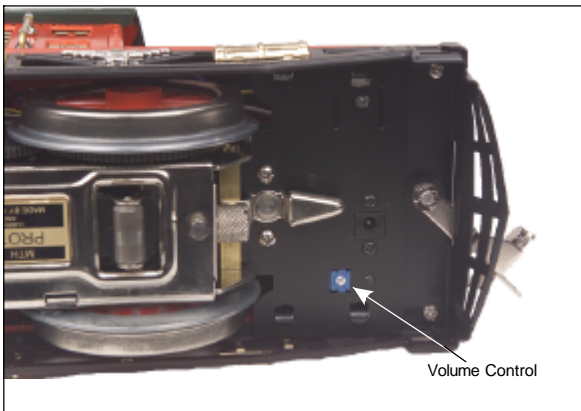
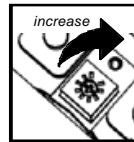
Z-1000 Transformer & Z-Controller

The powerful 100-watt U.L. Listed transformer sets up quickly and easily. Use the enclosed banana jack wire harness to connect the controller to the track lock on. Plug the power supply cable into the back of the transformer controller and then plug the power supply wall plug into a 110VAC outlet. The power indicator LED on the face of the controller should glow, indicating that the controller is receiving power from the power supply.



Manual Volume Control

To adjust the volume of all sounds made by this engine, turn the master volume control knob located under the engine clockwise to increase the volume and counter-clockwise to decrease the volume.



Proto-Sound 2.0 Operating Instructions

This manual contains the operating instructions for Proto-Sound 2.0 in conventional mode only. Instructions for accessing DCS command mode features accompany the DCS Remote Control System equipment.

Activating Proto-Sound 2.0 Conventional Mode Features:

Proto-Sound 2.0 features are activated by sequences of Bell and Horn button pushes described below. Please read the full descriptions of each feature before using it. To use these buttons to activate features rather than to blow the horn or ring the bell, you should tap the buttons very quickly with a 1/2-second pause between button presses. You may need to practice your timing to make this work smoothly.

Timing Chart				
Press Horn Short & Firm	1/2 Sec. Pause	Press Bell Short & Firm	1/2 Sec. Pause	Press Bell Short & Firm
Total Time Lapse: 1 1/2 Seconds				

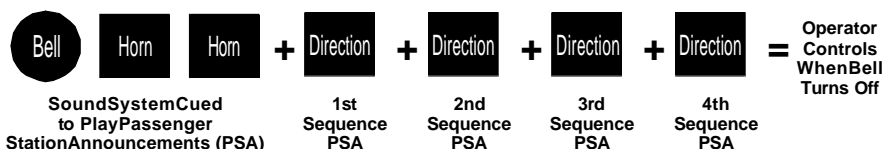
Feature to Be Activated	Button Code:
Passenger Station Announcements	1 Bell, 2 Horns
Speed Control On/Off	1 Horn, 2 Bells (from Neutral only)
Lock into a Direction	1 Horn, 3 Bells
Reset to Factory Defaults	1 Horn, 5 Bells (from Neutral only)

Passenger station announcements (PSA):

Your engine is equipped with a sound package of passenger station announcements that you can play when you pull into a station. **Each sequence described below will play as long as it is left on, randomly generating sounds, but be sure to allow approximately 30 seconds between the button pushes described below to allow the PSA sufficient time to run through each sequence.**

- To cue the sound system to play the PSA, quickly but firmly tap the Bell button once followed by 2 quick taps of the Horn button while the engine is moving. Tap the buttons quickly but allow approximately 1/2 second between each press.
- Press the Direction button once to stop the engine. This will trigger the first sequence of PSA. Thereverse unit is temporarily disabled so that the train will not move as you use the Direction button to trigger the sounds, and Proto-Sound 2.0 has disabled operator control over the Horn and Bell buttons until the full PSA sequence is complete.
- After waiting about 30 seconds for that sequence to run, press the Direction button again to trigger the second sequence of PSA.
- After about 30 seconds, press the Direction button again to trigger the third PSA sequence.
- Again, after allowing about 30 seconds for that sequence to run, press the Direction

button one more time to trigger the fourth and final PSA sequence. The PSA will continue, and within a few seconds, the engine and bell will start and move out on its own at the current throttle setting, in the same direction it was traveling when you began this sequence. Once the bell turns off, the operator regains control of the transformer's bell and Horn buttons and can ring the bell or blow the Horn as usual.



Tips on Using PSA

- You can terminate PSA at any time by turning off power to the track for 15 seconds.
- You do not have to be in Forward to use PSA. At the conclusion of the full sequence, the train will pull away from the station in whatever direction you were going when you activated the feature.
- You can use PSA even if you are double-heading with another engine. If the second engine is not equipped with Proto-Sound 2.0, you must remember not to leave the throttle at a high voltage level once you have stopped the engine to run the PSA. Otherwise, the engine without PSA will begin vibrating on the track as its motors strain to move the train, since they cannot be automatically disabled during the PSA cycle (or if an original Proto-Sound engine, PSA are triggered differently and that engine's motor-disable feature will not be active when you run PSA in Proto-Sound 2.0).
- PSA can be triggered from Neutral. It will operate the same as if triggered while in motion except that, at the conclusion of the PSA, the engine will depart in the next direction of travel, as opposed to the direction it was traveling before entering Neutral.

Speed Control:

M.T.H. engines equipped with Proto-Sound 2.0 have speed control capabilities that allow the engine to maintain a constant speed up and down grades and around curves, much like an automobile cruise control. You can add or drop cars on the run, and the engine will maintain the speed you set.

While the engine is programmed to start with the speed control feature activated, you can opt to turn it off. This means the engine's speed will fall as it labors up a hill and increase as it travels downward. It is also affected by the addition or releasing of cars while on the run. Because the engine will run more slowly at a given throttle voltage when speed control is on than when it is off, you should adjust the throttle to a lower power level for operation with speed control off to avoid high-speed derailments. When speed control is off, the volume will drop to allow for better low voltage operation.

To turn speed control on and off, put the engine in neutral, then quickly tap the transformer's Horn button one time then quickly tap the Bell button two times, allowing approximately ½ second to lapse between each quick button press. Two horn blasts will indicate that the engine has made the change. Repeat the 1 horn, 2 bells code to return it to the other condition. You will want to do this during the initial neutral lupon start-up if you ever couple this engine to another engine that is not equipped with speed control to avoid damaging the motors in either engine. Each time you shut down the engine completely, it will automatically turn speed control on.



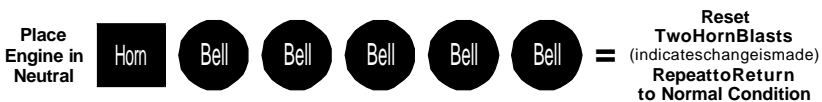
Lock into a Direction:

You can lock your engine into a direction (forward, neutral, or reverse) so that it will not change directions. To do this, put the engine into the direction you want (or into neutral to lock it into neutral), run it at a very slow crawl (as slowly as it will move without halting), and quickly but firmly tap the Horn button once followed by three quick taps of the Bell button, allowing approximately ½ second to lapse between each quick button press. Two horn blasts will indicate that the engine has made the change. The engine will not change direction (including going into neutral) until you repeat the 1 horn, 3 bells code to return the engine to its normal condition, even if the engine is kept without power for extended periods of time.



Reset to Factory Defaults:

To override the settings you currently have assigned to the engine and reset it to its factory defaults, while in Neutral tap the Horn button quickly once, followed by five quick taps of the Bell button, allowing approximately ½ second to lapse between each quick button press. Two horn blasts will indicate that the engine has made the change.



Automatic Sounds

Certain Proto-Sound 2.0 sound effects automatically play in programmed conventional mode conditions:

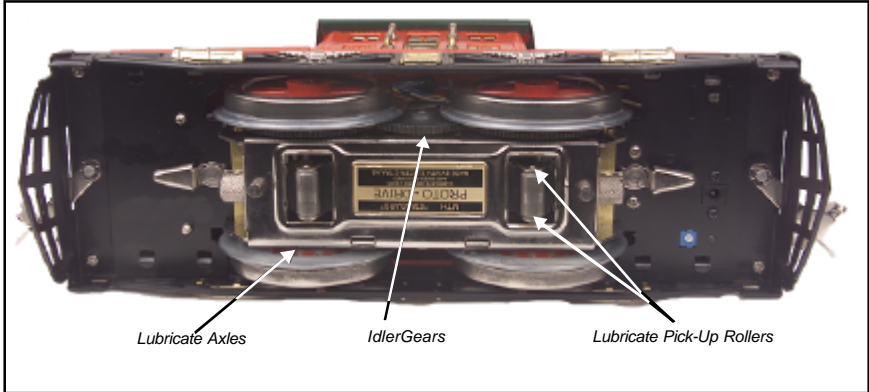
- **Squealing Brakes** play any time the engine's speed decreases rapidly.
- **Cab Chatter** plays at random intervals when the engine idles in neutral.
- **Engine Start-up and Shut-down** sounds play when the engine is initially powered on or is powered off for five seconds or more.

Maintenance

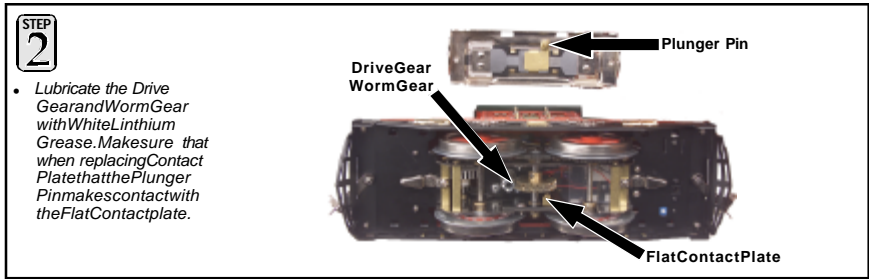
Lubricating and Greasing Instructions

The engine should be oiled and greased in order to run properly.

Regularly lubricate all axles and linkage components and pickup rollers to prevent squeaking. Use light household oil, such as that found in M.T.H.'s maintenance kit. Do not over oil. Use only a drop or two on each pivot point.



The locomotive's internal gearing was greased at the factory. Grease engine every 50 hours of use or at least once yearly if engine is not run. Use a lithium based grease and follow the greasing instructions.



Cleaning the Wheels, Tires and Track

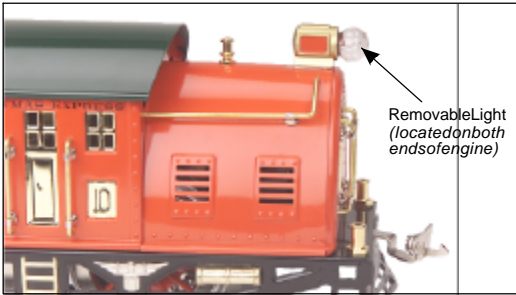
Periodically check the locomotive wheels and pickups for dirt and buildup, which can cause poor electrical contact and traction. Wheels can be cleaned using denatured (not rubbing) alcohol applied with a cotton swab.



To clean the track, use Rail King Track Cleaning Fluid and a clean rag or denatured (not rubbing) alcohol. Unplug the transformer and wipe the rails of the track, turning the rag frequently to ensure that you are using clean cloth on the rails. Keep an eye on the track and clean it when it gets dirty to ensure good electrical contact and to lengthen the life of the tires.

Locomotive Light Bulb Replacement

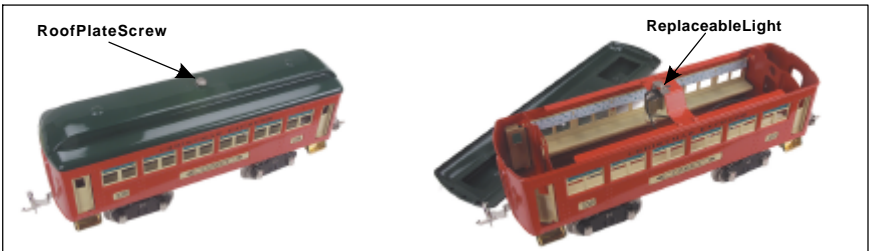
Rotate the headlight bulb counter-clockwise to remove.



You can obtain replacement bulbs directly from the M.T.H. Parts Department.

Passenger Car Light Bulb Replacement

To replace the interior light bulbs remove the screw in the center of the roof plate.

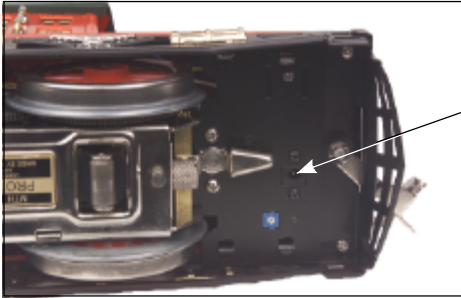


You can obtain replacement bulbs directly from the M.T.H. Parts Department

Self-Charging Battery Back-Up

The special NiCad 7-cell 8.4v self-charging battery recharges continuously during train operation and should last for up to five years. The battery is a dry battery that should not leak or cause any damage to your engine. **Depending upon when your engine was built, it may need to be charged right out of the box.** If the engine sounds seem distorted or garbled at low voltages or becomes silent when power from the transformer is turned off, test the battery to determine whether it should be recharged or replaced.

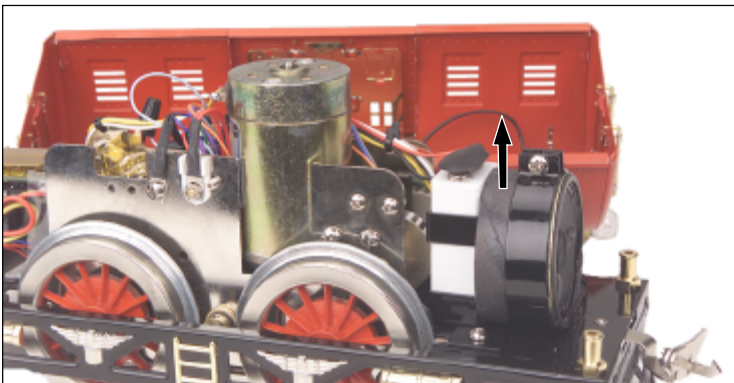
- **Test:** Put the engine in neutral and leave the track voltage at 10-12 volts (high enough for the lights to shine brightly and the engine to move steadily) for 15 minutes.



Battery Charger
Item No. 50-1005

Battery Port

- **Recharge:** If the sounds are improved at the end of the 15-minute test charge, the battery charge has run down and can be recharged. There are a number of ways you can do this:
 - Leave the engine in neutral with track voltage at 10-12 volts for 6-7 hours so the battery can fully recharge (if your engine has a smoke unit, be sure it is turned off).
 - Use M.T.H.'s battery recharger (sold separately) that plugs into a wall outlet and a special port under the engine to recharge the battery overnight without leaving it on the track.
- **Replace:** If the sounds are not improved at the end of the 15-minute test charge, it is time to replace the battery, available through M.T.H. Parts. A standard 9v alkaline battery can be substituted until your replacement arrives, but since alkaline batteries cannot be recharged, it will eventually wear down. **Do NOT use a 6-cell 7.2v battery.** Remove the two phillips screws on the ends of the body shell and remove shell to gain access to the battery.



Troubleshooting Proto-Sound® 2.0 Problems

Although Proto-Sound 2.0 has been designed and engineered for ease of use, you may have some questions during the initial operation. The following table should answer most questions. If your problem cannot be resolved with this table, contact M.T.H. for assistance (e-mail: service@mth-railking.com; telephone: 410-381-2580; fax: 410-423-0009; mail: 7020 Columbia Gateway Drive, Columbia MD 21046-1532).

Starting Up		Remedy	
When I first turn the power on, the engine will not begin to run.		This is normal behavior. To prevent accidental high-speed start-ups, Proto-Sound 2.0 is programmed to start up in neutral any time track power has been turned off for several seconds. See the "Basic Operation" section for more details.	
The engine will not start after I press the Direction button.		You may not be sending enough power to the track to power the engine. Press the throttle up for a few more seconds to increase track power.	
My engine sounds are distorted and garbled.		The battery may have run down, especially if the engine has been in storage for some time. See the "Self-Charging Battery Back-Up" section of these instructions for how to test, recharge, and (if necessary) replace the battery.	
Horn		Remedy	
I can't get the horn to blow when I press the Horn button.		You may be pressing the button too quickly. Try pressing the Horn button more slowly, taking approximately one full second to fully depress the button.	
Bell		Remedy	
I can't get the bell to ring when I press the bell button.		You may be pressing the button too quickly. Try pressing the bell button more slowly, taking approximately one full second to fully depress the button.	
Cab Chatter		Remedy	
Sometimes the Cab Chatter sounds don't play.		Cab Chatter plays only in neutral at random intervals.	
Lock-out		Remedy	
I can't get the engine to run after I power up the transformer. It sits still with the diesel and compressor sounds running.		The engine may be locked into the neutral position. Follow the procedure in the "Lock into a Direction" section to unlock the engine's direction.	
The engine won't lock into forward, neutral, or reverse.		Engine speed must be below 10 scale mph (approx. 10 volts or less in conventional mode).	

Volume	Remedy
The sounds seem distorted, especially when the Horn or bell is activated.	Proto-Sound 2.0 volume is set too high. Turn the volume control knob on the bottom of the chassis counter-clockwise to reduce the volume.
No Sound	Volume is set too low, adjust volume control knob on the bottom of the chassis clockwise to increase the volume or check connector to speaker.
Battery	Remedy
The engine will not leave the initial neutral setting.	Check to be sure the battery is installed and fully charged. See the "Self-Charging Battery Back-Up" section.
I get no sounds when the engine shifts between directions.	The battery may be dead or need to be charged. See the "Self-Charging Battery Back-Up" section.
After I turn off my transformer, my engine continues to make sounds before quitting.	Proto-Sound 2.0 is designed to continue to sound for a few seconds after power to the track has been shut off to allow for a more realistic shut-down.
PSA	Remedy
The PSA sounds occasionally repeat themselves.	Proto-Sound 2.0 has a built-in random number generator that randomly selects each sound clip to play. Because there are a limited number of sound clips available in each PSA sequence, it is probable that some of these sound clips will be repeated from time to time.
Once in PSA, the engine doesn't go into reverse.	So that PSA effects can be as realistic as possible, Proto-Sound 2.0 disables the reversing unit whenever PSA is enabled. This way the engine remains still at its stop as the operator cycles through the PSA sequences.
When the PSA enters its last sequence the bell automatically comes on.	PSA is programmed to start ringing the bell and then to put the engine in motion at that point. After approximately 15 rings of the bell, it will automatically turn off.
When PSA is enabled, pressing the Horn and bell buttons has no effect.	Because PSA must control various effects in each sequence, Proto-Sound 2.0 takes control of these sound effects until you exit PSA.
I push the Direction button but the next sound clip in the sequence does not play or the engine does not come out of PSA after the fourth press of the Direction button.	Each PSA clip must play for a certain amount of time before PSA will advance to the next step in the PSA cycle. Wait at least 30 seconds in each PSA sound clip before pressing the Direction button.

Compatibility

While this Ready-To-Run set is equipped with everything you need to operate it, the design allows flexibility. The train will operate on any traditional O-31 or larger O Gauge track system, including the RealTrax[®] included with this set or traditional tubular track. It is also compatible with most standard AC transformers, including the hobby transformer packaged with our set.

Transformer Compatibility and Wiring Chart

Note that many of the operational commands described in these instructions require a bell button, so if you are using a transformer other than the one included in this set and your transformer does not have its own bell button, you should consider adding one to get the full benefit of the system.

Transformer Model	Center Rail	Outside Rail	Min/Max. Voltage	Power Rating	Transformer Type
MTH Z-500	Red Terminal	Black Terminal	0-18v	50-Watt	Electronic
MTH Z-750	Red Terminal	Black Terminal	0-21v	75-Watt	Electronic
MTH Z-4000	Red Terminal	Black Terminal	0-22v	390-Watt	Electronic
Lionel 1032	U	A	5-16v	90-Watt	Standard
Lionel 1032M	U	A	5-16v	90-Watt	Standard
Lionel 1033	U	A	5-16v	90-Watt	Standard
Lionel 1043	U	A	5-16v	90-Watt	Standard
Lionel 1043M	U	A	5-16v	90-Watt	Standard
Lionel 1044	U	A	5-16v	90-Watt	Standard
Lionel 1053	U	A	8-17v	60-Watt	Standard
Lionel 1063	U	A	8-17v	60-Watt	Standard
All-Trol	Left Terminal	Right Terminal	0-24v	300-Watt	Electronic
Dallee Hostler	Left Terminal	Right Terminal			Electronic
Lionel LW	A	U	8-18v	75-Watt	Standard
Lionel KW	A or B	U	6-20v	190-Watt	Standard
Lionel MW	Outside Track Terminal	Inside Track Terminal	5-16v	50V.A.	Electronic
Lionel RS-1	Red Terminal	Black Terminal	0-18v	50V.A.	Electronic
Lionel RW	U	A	9-19v	110-Watt	Standard
Lionel SW	U	A	Unknown	130-Watt	Standard
Lionel TW	U	A	8-18v	175-Watt	Standard
Lionel ZW	A, B, C or D	U	8-20v	275-Watt	Standard
Lionel Post-War Celebration Series ZW	A, B, C or D	Common	0-20v	135/190 Watt	Electronic

Additional Features Accessible with the DCS Remote Control System: (additional equipment required)

While conventional mode operation of a Proto-Sound 2.0 engine yields wonderfully realistic sound and several train control features, command mode operation allows the user to access a world of command functions never before accessible to O Gauge railroaders. With the addition of the DCS Remote Control System (including a DCS remote handheld and Track Interface Unit) users gain many advanced features, including:

- DCS Proto-Speed Control - Establishes desired locomotive speed in scale miles per hour increments via a thumbwheel control and allows operator to set maximum speed and acceleration/deceleration rates
- ProtoSmoke[®] Variable Output Control - Controls how much smoke each engine outputs and matches smoke to locomotive speed
- Locomotive Lighting Control - Controls locomotive headlights, marker and interior lights, beacon lights, ditch lights, and MARS lights
- Emergency Stop-Single button push stops all Proto-Sound 2.0 trains but does not turn off the power
- One Touch Global Mute/UnMute-Single button mutes or unmutes all DCS-controlled locomotives' user-defined actions, including sound, lights, and smoke
- Proto-Dispatch Operation-Public Address-like feature allows users to speak through locomotive speaker during operation
- Proto-Cast-Allows user to play audio recordings through locomotive speaker during operation
- Proto-Doppler Sound Effects Set Up-Users can configure locomotive for Doppler Operation, including setting distance points for Doppler start, repeat, and stop modes
- Independent Volume Control of Engine Sounds, Bell, Horn & Whistle for each Locomotive
- Control up to 50 different DCS-Equipped Locomotives at one time with multiple TIUs
- Proto-Effects[™] Set Up-User can select individual Proto-Effects[™] operations to be active or inactive, including cab chatter, train wreck sounds, coupler sounds, and wheel clickety-clack sounds
- Direction Control Set Up-User can set initial individual start-up direction (start in forward or reverse) for double-heading operations
- Locomotive Consist Set-up-User can determine locomotive values for consist make-ups, allowing multiple locomotives belonging to a consist to operate together
- Query Locomotive Information-User can query locomotive programming to learn locomotive address and engine data information, including scale miles traveled
- 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

Operating instructions for all DCS Command features will accompany the DCS remote

Service & Warranty Information

How to Get Service Under the Terms of the Limited One-Year Warranty

When you suspect an item is defective, please check the operator's manual for standard operation and trouble-shooting techniques that may correct the problem. Additional information may be found on the M.T.H. Website. Should you still require service, follow the instructions below to obtain warranty service.

First, e-mail, write, call or fax a M.T.H. Authorized Service Center (ASC) in your area to obtain Repair Authorization. You can find the list of ASCs on the M.T.H. Website, www.mth-railking.com. Authorized Service Centers are required to make warranty repairs on items sold *only* from that store; all other repairs may-- or may not be done at the store's own discretion. If you did not purchase the item directly from the ASC, you will need to select a National Authorized Service Center (NASC). These centers are compensated by M.T.H. to perform warranty service for any customer whose repair qualifies for warranty service. A list of NASC retailers can be located on the M.T.H. Website or by calling 1-888-640-3700. Should the warranty no longer apply, you may choose either an ASC or NASC retailer to service your M.T.H. Product. A reasonable service fee will be charged.

CAUTION: Make sure the product is packed in its original factory packaging including its foam and plastic wrapping material to prevent damage to the merchandise. There is no need to return the entire set if only one of the components is in need of repair *unless otherwise instructed by the Service Center. The shipment must be prepaid and we recommend that it be insured. A cover letter including your name, address, daytime phone number, e-mail address (if available), Return Authorization number (if required by the service center, a copy of your sales receipt and a full description of the problem must be included to facilitate the repairs. Please include the description regardless of whether you discussed the problem with a service technician when contacting the Service Center for your Return Authorization.*

Please make sure you have followed the instructions carefully before returning any merchandise for service. Authorized M.T.H. Service Centers are independently owned and operated and are not agents or representatives of M.T.H. Electric Trains. M.T.H. assumes no responsibility, financial or otherwise, for material left in their possession, or work done, by privately owned M.T.H. Authorized Service Centers.

If you need assistance at any time email MTH Service at service@mth-railking.com, or call 410381-2580.

Limited One-Year Warranty

All M.T.H. products purchased from an Authorized M.T.H. Train Merchant are covered by this warranty.

See our website at www.mth-railking.com or call 1-888-640-3700 to identify an Authorized M.T.H. Train Merchant nearby.





AUTHORIZED SERVICE CENTER

7020 Columbia Gateway Dr. - Columbia, MD 21046

Information: 410-381-2580 Fax: 410-381-6122

www.mth-railking.com

PARTICIPATING N.A.S.C. RETAILER LIST

CANADA

TOYTRAINWORKSHOP
CUMBERLAND
613-833-3125

THETRAINROOM
ERGUS
519-787-3280

CALIFORNIA
TINPLATEJUNCTION
OAKLAND
510-444-4780

COLORADO
MIZELTRAINSINC
WESTMINSTER
303-429-4811

CONNECTICUT
NEW ENGLANDHOBBY
SUPPLY
MANCHESTER
860-646-0610

FLORIDA
ROUNDHOUSEOUTH
PORT ORANGE
386-304-7002

MARYLAND
PLAZAHOBBY
CUMBERLAND
301-729-6424

ENGINE HOUSEHOBBIES
GATHERSBURG
301-590-0816

CATOCTINMOUNTAINTRAINS
THURMONT
301-694-8331

MICHIGAN
MICHIGANMODELTRAIN
CENTER
PINCKNEY
734-426-1651

BRASSEUR ELECTRICTRAINS,
INC.
SAGINAW
989-793-4753

NEWHAMPSHIRE
TREASUREDTOYS
SALEM
603-898-7224

NEWYORK
AURORARAILS&HOBBIES
EASTAURORA
716-652-5718

OHIO
DAVISELECTRONICS
MILFORD
513-831-6425

RICK'STOYTRAINS
TOLEDO
419-478-0171

PENNSYLVANIA
BUSSINGERTRAINS
AMBLER
215-628-2366

FAIRCHANCEPHARMACY
FAIRCHANCE
724-564-7817

THESTATION
NEWCUMBERLAND
717-774-7096

VIRGINIA
LOCUST GROVETRAINS
LOCUST GROVE
540-854-8955

DAVIS HOBBYSUPPLIES
PORTSMOUTH
757-397-1983

T S G HOBBIES
WARRENTON
540-347-9212

WISCONSIN
SOMMERFELD'STRAINS
BUTLER
262-783-7797

GRAMPA'STRAINSHOP
RICELAKE
715-234-2996



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7020 Columbia Gateway Dr. - Columbia, MD 21046

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THETRAINROOM
ERGUS
519-787-3280

CREDITVALLEYRAILWAY
COMPANY
STREETSVILLE
905-826-1306

B&HTRAINS
TERREBONNE, QUEBEC
450-492-0317

ALABAMA

SOUTHERLANDSTATION
HUNTSVILLE
256-533-4720

LIL'BOBBY'SHOBBIES
MONTGOMERY
334-277-1715

ARIZONA

ARIZONATRAINDEPOT
MESA
480-833-9486

CENTRALCOASTTRAINS
ATASCEDERO
805-466-1391

CALIFORNIA

CENTRALCOASTTRAINS
ATASCEDERO
805-466-1391

TRAINSHACK
BURBANK
818-842-3330

ROUNDHOUSE
NORTHHOLLYWOOD
818-769-0403

DOLLHOUSES, TRAINS &
MORE
NOVATO
415-883-0388

TIN PLATEJUNCTION
OAKLAND
510-444-4780

RON'S WORLD
SAN CLEMENTE
949-361-5596

TRUCKS & TRAINS HOBBIES
SANTAROSA
707-537-6586

COLORADO

CUSTOMRAILWAYSUPPLY
COLORADOSPRINGS
719-634-4616

MIZELLTRAINSINC
WESTMINSTER
303-429-4811

CONNECTICUT

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SUPPLY
MANCHESTER
860-646-0610

DELAWARE

KRRBMODELTRAINSINC.
NEWARK
302-292-2779

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HOLLYWOODSTATION
HOLLYWOOD
954-921-2700

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305-688-8868

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OLDSMAR
813-855-1041

COLONIALPHOTO & HOBBY
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407-841-1485

WARRICKCUSTOMHOBBIES
PLANTATION
954-370-0708

ROUNDHOUSE SOUTH
PORTORANGE
386-304-7002

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BIKE & CHOOCHOO
CONNECTION
SCHAUMBURG
847-882-7728

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Y.O.R.K. TRAINS
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SAMUELSON'S TRAINSHOP
VALPARAISO
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E & STRAINS
AKRON
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