

2018

The M.T.H. RailKing One Gauge



4-8-8-4 BIG BOY

RAILKING
ONE-GAUGE TRAINS

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4-8-8-4 BIG BOY



Just months before Pearl Harbor, the American Locomotive Company delivered the first Big Boy to the Union Pacific Railroad. The UP's Department of Research and Mechanical Standards had designed the locomotive for a specific task: to pull a 3600-ton train unassisted over the Wasatch Mountains in Utah. While the Big Boy is often cited as the biggest steam locomotive ever built, in fact it is not. The Norfolk & Western's Y6 and A, the Duluth Missabe & Iron Range's Yellowstones, and the Chesapeake and Ohio's Alleghenys were all in the same league, and some exceeded the Big Boy's weight and power.

But in the battle for hearts and minds, the Big Boy won. Perhaps it was the name, simple and direct, scrawled on a locomotive under construction by an Alco shop worker. Maybe it was timing, as the Big Boys hit the road just when America needed symbols to rally around. Maybe the UP's publicity department just did a better job of telling the world what great equipment they had. Whatever the reason, the Big Boy captured the imagination of railfans and the American

public over the ensuing years, perhaps more than any other steam engine. In many ways it is the symbolic locomotive of the American West, as big and powerful as the country it sped through.

Writer Henry Comstock beautifully described the Big Boy's place at the apex of steam engine history: "A Union Pacific 'Big Boy' was 604 tons and 19,000 cubic feet of steel and coal and water, poised upon 36 wheels spaced no wider apart than those of an automobile. That it could thunder safely over undulating and curved track at speeds in excess of 70 miles an hour was due in large measure to the efforts of two long-forgotten pioneers. As early as 1836, the basic system that held its wheels in equalized contact with the rails was patented by a Philadelphian named Joseph Harrison; and a French technical writer, Anatole Mallet, first thought to couple two driving units heel to toe below one boiler in 1874."

This enduring symbol of American railroading returns to the rails for 2015, updated with Proto-Sound 3.0 and our quillable, variable intensity, steaming whistle. This model also features industry-leading speed control and smoke output, as well as authentic articulated chuffing sounds with the front and rear engines drifting in and out of sync. And when the Union Pacific Railroad finishes its restoration of prototype Big Boy No. 4014, which is currently taking place, we'll record No. 4014 in action and issue a free replacement sound set that you can download into our 2017 model — or any other M.T.H. One-Gauge, O Gauge or HO Gauge Big Boy with Proto-Sound 2.0 or 3.0.





Union Pacific - 4-8-8-4 Big Boy Steam Engine, Cab No. 4014
70-3026-1 Proto-Sound 3.0 \$1499.95



Union Pacific - 4-8-8-4 Big Boy Steam Engine (Coal), Cab No. 4014
70-3037-1 Proto-Sound 3.0 \$1499.95



Union Pacific - 4-8-8-4 Big Boy Steam Engine, Cab No. 4006
70-3038-1 Proto-Sound 3.0 \$1499.95



Union Pacific - 4-8-8-4 Big Boy Steam Engine, Cab No. 4018
70-3039-1 Proto-Sound 3.0 \$1499.95



Union Pacific - 4-8-8-4 Big Boy Steam Engine, Cab No. 4017
70-3040-1 Proto-Sound 3.0 \$1499.95



Union Pacific - 4-8-8-4 Big Boy Steam Engine, Cab No. 4023
70-3041-1 Proto-Sound 3.0 \$1499.95

Features

- Polycarbonate Boiler and Tender Body
- Die-Cast Metal Chassis
- Authentic Paint Scheme
- Detailed Locomotive and Tender Trucks
- Engineer and Fireman Figures
- Metal Handrails and Bell
- Steaming Quillable Whistle With Variable Intensity*
- Synchronized Puffing ProtoSmoke System
- Metal Wheels and Axles
- Remote Controlled Proto-Coupler
- Kadee Coupler Mounting Pads
- Hook and Loop Coupler Also Included
- Prototypical Rule 17 Lighting
- Constant Voltage LED Headlight
- Operating LED Firebox Glow
- Flickering LED Ashpan Glow
- Operating LED Number Board Lights
- LED-Illuminated Cab Interior
- Operating LED Tender Back-up Light
- 2 Precision Flywheel-Equipped Motors
- Locomotive Speed Control In Scale MPH Increments
- Wireless Drawbar
- Onboard DCC Receiver
- 1:32 Scale Proportions
- Proto-Sound 3.0 With The Digital Command System Featuring Quillable Whistle With Freight Yard Proto-Effects
- Measures: 53" x 4 3/8" x 6"
- Operates On R3 Curves

* Requires DCS Digital Command System

Steaming Whistle With Variable Intensity

Our Big Boy features the quillable, variable intensity, steaming whistle pioneered in the RailKing One-Gauge Triplex. Blow the whistle from your DCS handheld controller, and watch the whistle steam output vary as you "play" the whistle like a prototype engineer.



Simply the Best

DCS is **SIMPLE** to use.

It's **ACCESSIBLE** from the DCS Remote Control or any iOS or Android smart phone or tablet.

It can be **UPGRADED FOR FREE** over the Internet.

It can **DO MORE** for less money than other command control systems.

It's why you'll have **MORE FUN** operating your trains than ever before.

It can run over 6900* Proto-Sound® 2.0 & 3.0 engines and every TMCC®, EOB, or Legacy™ engine ever made — and run 99 of them at the same time, on the same track, independently, in command mode.

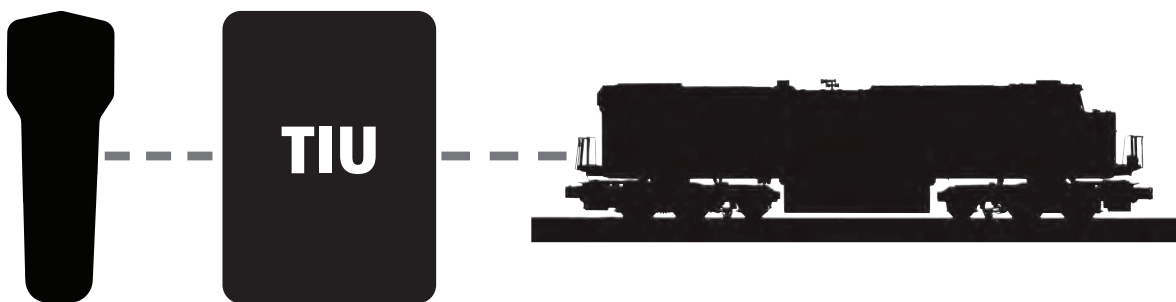
It can also **RUN ALL CONVENTIONAL AC LOCOMOTIVES** without the purchase of any additional hardware.

With the addition of an Accessory Interface Unit (AIU), it can **OPERATE ANY O SCALE ACCESSORY OR SWITCH**. It can **CREATE SCENES AND ROUTES** that are triggered with one push of a button.

** Number of different Proto-Sound 2.0 and 3.0 engines cataloged through the 2018 Volume 2 O Gauge Catalog. While all Lionel TMCC features can be accessed by the DCS App or handheld remote, at present some Legacy features cannot be accessed by the App or remote.*



What can your remote do?



Command Control Explained

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

In the DCS system, commands such as speed, direction, and sound control are sent as radio signals from the handheld throttle to a TIU (track interface unit). The TIU translates those radio signals into digital information that is sent through the rails and picked up by a receiver in the appropriate engine — telling it to go, for example, 37 miles per hour, blow the whistle, smoke more heavily, or any other command. DCS locomotives can also send information back to the handheld to let the operator know what they're doing.

Learn More About It
Shop Online at
www.mthtrains.com

Way to Run a Railroad™

M.T.H. Railroading App

Your favorite Android or Apple smartphone or tablet will bring the DCS Digital Command System to life in a way you never thought possible when you first picked up a DCS remote control. Any of these smart devices can run our new app. That means anybody who visits your layout can run trains — the days of fighting over the remote control are over!

Whether you're running Android or iOS, our DCS app will allow you to control your entire layout in command or conventional modes without using a DCS handheld remote. You'll still need a TIU (Track Interface Unit) along

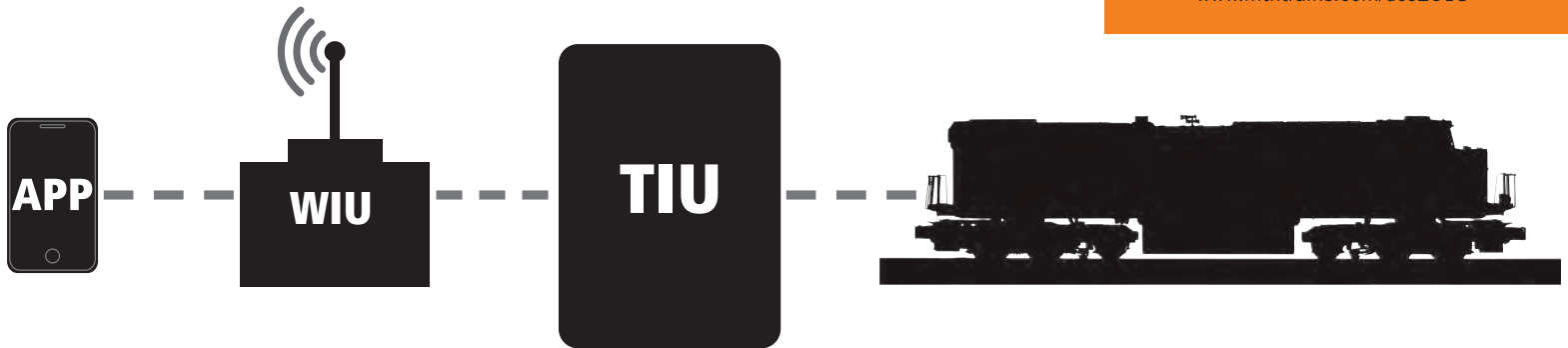
with a new, separately sold DCS WiFi module (WIU). Simply plug the module into the TIU, search for its WiFi signal on your phone or tablet, and you'll be running your layout in command mode in no time. Everything the DCS handheld remote can do, the app can do — but your experience will be better and in full color!

Our new app isn't limited to just DCS control either. With it, you'll be able to access special pages on the M.T.H. website, see the latest catalogs and news articles, and shop for M.T.H. products.

See How Easy It Is To Add APP Control To Your Layout



Check Out The Video:
www.mthtrains.com/dcs2018



Choose from THREE different DCS options

1. DCS Commanders: Get into DCS on a budget

Wireless infrared command control of one Proto-Sound 2.0 or later locomotive is simple when a DCS Remote Commander is added to an existing layout. Just plug your power supply into the DCS Remote Commander receiver and connect the output wires from the receiver to your track lockon. The receiver can accept any power input (AC or DC) up to 20 volts and 8 amps. The infrared remote provides control for eight different functions — perfect for small and moderately sized layouts.



DCS Remote Commander Set
 50-1033 \$59.95



DCS Commander Controller
 50-1028 \$179.95

With the feature-rich DCS Commander, choose from three different operating modes, including variable power DC output for any Proto-Sound 2.0 or later locomotive; 32 DCS command functions for up to ten Proto-Sound 2.0 or later locomotives; or DCC operation for Proto-Sound 3.0 locomotives (requires DCC controller).

DCS Commander Controller
 w/ 100 watt power supply
 50-1029 \$259.95



Simply the Best

2. DCS Explorer

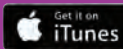


FREE DCS APP

Download the free DCS app for your smart phone or tablet



Check Out The Video:
www.mthtrains.com/50-1035



Use your smartphone or tablet to control your model railroad. Just connect the DCS Explorer to your track, plug in a separately sold power supply, download the free app and you're ready to run up to three Proto-Sound 2.0 or 3.0 locomotives on the same track at the same time! You'll have access to all the major Proto-Sound features from any Android or iOS smartphone or tablet.

Once configured, you can connect as many smart devices as you want to run trains. Multiple operators can control the same trains at the same time. The Explorer operates in stand-alone WiFi or home network modes.



DCS Explorer
Track Interface Unit
50-1035 \$149.95

DCS Explorer Operating Features

Locomotive Features

- Speed and Direction Control
- Horn/Whistle
- Bell
- Front Coupler Activation (if equipped)
- Rear Coupler Activation
- Smoke On/Off (if equipped)
- Headlight On/Off
- Locomotive Sound Volume
- Sound Mute
- Passenger Station/Freight Yard Sounds
- Doppler Effect
- Locomotive Factory Reset

Additional Features

- Up to 100' range
- Easily and quickly switch between locomotives
- Fast bi-directional communication
- Auto-programming of locomotives, no engine IDs to remember

Control locomotive lights, sounds, action

Run multiple trains: Control up to 3 trains on the same track at the same time

Use multiple controllers: Operate multiple Apple and Android smartphones and tablets at the same time

Invite your friends: With our free App and their own smart device, they can run trains with you

Choose from over 6,000 locomotives: Run any M.T.H. ProtoSound 2.0 or 3.0 engine ever built

Walk around: The DCS WiFi signal has up to 100' range, far greater than Bluetooth

Faster than Bluetooth: In addition to extended range, WiFi is much faster, allowing for seamless and fast switching between locomotives

Way to Run a Railroad™

3. Full DCS Digital Command System

The full DCS Digital Command System is an all-encompassing network of components that brings true interactive wireless control to a model railroad. Users can choose between a walk-around wireless remote control or an intuitive app residing on their own smart device to run multiple tracks, hundreds of trains and control switches and accessories. Bi-directional communication between locomotives and the system's TIU Track Interface Unit make adding and programming locomotives simple and easy. No more ID numbers to remember and no complex icons to decipher. It's fast, it's easy and it's fun!



DCS WiFi Remote Control System (TIU and WIU)
50-1036 \$369.95



DCS Remote Control - Handheld Unit
50-1002 \$169.95



DCS Accessory Interface Unit (AIU)
50-1004 \$119.95
Operates switches and accessories



DCS WiFi Module (WIU)
50-1034 \$179.95



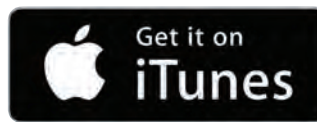
DCS Track Interface Unit (TIU)
50-1003 \$229.95

- Proto-Sound Battery (8.4 volts)
50-1008 \$11.95
- AA NiCad Proto-Sound Battery
50-1024 \$11.95
- Proto-Sound 2.0 Battery Charger
50-1019 \$19.95
- TIU/TMCC-Legacy 6' Connector Cable
50-1032 \$24.95
- 6' Mini-to-Mini Cable
50-1009 \$9.95
- 12-Port Terminal Block
50-1014 \$27.95
- 24-Port Terminal Block
50-1020 \$37.95
- Z-DC24 24-Watt Power Supply
50-240 \$17.95
- DCS 0 Gauge Companion Digital Book - 3rd Edition
60-1279 \$12.95

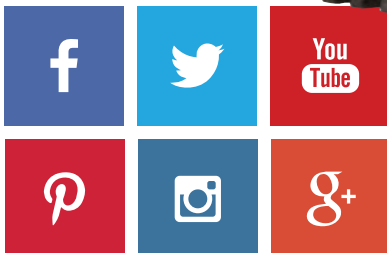
Simply the Best Way to Run a Railroad™



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Google Play store
or the Apple App Store
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M.T.H. DCS App
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Then Check Out Our Current
One-Gauge Line Up!



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