

It's here!

The operating system that will completely revolutionize the way we play with trains.

Lionel proudly introduces TMCCII LEGACY. A giant step forward for the hobby, TMCCII LEGACY is truly innovative in the way it simplifies the operating process while offering numerous new features and unprecedented control. Only from Lionel!

Now you can operate your layout just like a real engineer operates his trains! The harder your train works, the more you hear and feel the effort. Whether you're starting up your locomotives, executing an emergency stop, climbing a hill, rounding a turn or operating your accessories, you can sense and control every aspect of the command. Never before has operating your layout been so easy, so precise, and so much fun!

TMCCII LEGACY, like its predecessor, consists of a base and a handheld remote controller. And as promised, the two systems are totally compatible. In fact, you can use the identical keystrokes in running the new remote controller as you did with the old. But what's so exciting about TMCCII LEGACY is that you'll experience superior "feel" and have so many new operating functions at your fingertips.

For me, model railroading has been more than a hobby; it has been a life-long passion. And for years I have dreamed of developing an operating system that truly models the way real trains run. I am Kovach and I, along with all the engineers at CTC and Lionel, are exceedingly proud of this new TMCCII LEGACY Operating System. To me, it's the ultimate expression of what I love about trains: an unprecedented variety of operating features and the feeling of real control. But that's not all. This system is the basis for a whole new way of controlling a model railroad. It is a platform for the future, allowing Lionel to develop even more revolutionary features as years go by.

To me, this is IT! I hope you'll enjoy using it as much as I do. And I hope you'll agree it was worth the wait.

Best wishes,
Neil Young

TMCCII LEGACY.

One remote. One base. One wire. One system.

#991 LEGACY CAB-2 Remote Controller

Featuring a large back-lit LCD screen and vibration to simulate the effort of your locomotive, the revolutionary #991 LEGACY CAB-2 Remote Controller puts full control of the TMCCII LEGACY system comfortably in the palm of your hand. Plus, you can operate the traditional features on all of your existing locomotives. Whether you are new to Command Control or a seasoned TMCC pro, the LEGACY CAB-2 Remote Controller is simple to use. In fact, if you have used a CAB-1 Remote Controller with traditional TMCC, you don't even need to open the manual to access the basic features!

FEATURES:

- Back-lit LCD screen—the largest on the market
- Back-lit LCD keypad displays numbers or icons for ease of use
- Built-in rechargeable batteries
- Feedback mode—the remote vibrates to reinforce the effort and momentum of your locomotive
- Accepts memory modules from each TMCCII LEGACY locomotive

Iconic and Graphic Control Monitoring
Icons and graphs represent the majority of control functions. The icons are large and animated for easy viewing. The graphs are bold and easy to understand at a glance!

- **Speed Graphing**—With TMCCII LEGACY, operators can access a large graph in the remote display window that illustrates the target speed, command speed, rate of acceleration, and train brake settings.
- **Iconic Route Set-Up**—When in route set-up, animated icons form a line across the screen, illustrating the route as it is set up. The switches become animated when the route is thrown.
- **Iconic Train Lash-Up**—Engines are displayed, using icons, in the order that they are assigned to a lash-up. These engine icons can be manipulated to automatically make changes in direction or in the engine order in the lash-up.

Multi-Controller Boost Brake and Direction
This exciting new feature gives completely new braking and boosting from any given speed! Imagine an operating system that works like this:

- Push up to boost...back off a little to hold the new "boosted" speed...release to return to throttle set speed
- Pull down to brake...back off a little to hold the new "brake" speed...release to return to throttle set speed.
- In the center or "released" position, press down for a direction change.
- If you wish, set the direction function to stall your moving train without changing direction. In this mode, pressing the direction control while your train is stopped will provide a direction change.

Velocity Throttle
The velocity throttle changes speed steps faster as it is rotated faster. For example, turning the throttle slowly results in the highest resolution—with 200 speed steps. The train can go from a complete stop to full throttle in either one rotation of the knob or in five rotations, depending on how fast the throttle is turned.

Back-lit LCD Display
The LCD display is exceptionally easy to read. View simple icons representing a wide variety of control functions, route set-ups, and train lash-ups. Access easy to read graphs illustrating numerous speed, acceleration, and brake settings.

Addressing Functions
Select any object on your layout by scrolling through names alphabetically or by simply entering the multiple digit road number painted on the side of your engine. It's that easy! For accessories, you can use the LIONEL two- and three-digit numbers if you like. (For older engines, a simple method of adding the information manually can be used and traditional TMCC addressing is still available.)

Train Brake
Provides more realistic and precise brake control than any other system available.

Record Feature
Use the LEGACY RECORD button to record any action that you want to see repeated.

Variable Horn Control
As the whistle/horn control is pulled, the horn is played with increasing intensity. Imagine developing your own whistle/horn "signature" and controlling the warning sound in real time!

LCD Touchscreen Keypad
Control the most complicated model railroad layout with unprecedented ease. When addressing, the numbers are visible; during operation, control icons are automatically displayed.

Feedback/Vibration
Feel the remote rumble as your locomotive accelerates and brakes! This incredibly unique control feature reinforces the sense of weight and momentum of the locomotive.

Graphic Adjustable Momentum
Set the momentum of the train or engine to three levels: low, medium, and high. The value of each of these momentum settings is adjustable and unique to that engine or train.

#990 LEGACY Command Set

Here's all you need to get started...

#990 LEGACY Command Set

The #990 TMCCII LEGACY Command Set features a #991 LEGACY CAB-2 Remote Controller and a #992 LEGACY Command Base/Charger, the two components you need to get started. Only one LEGACY Command Base/Charger is required per layout.

Like traditional TMCC, the LEGACY Command Base/Charger receives information from the Remote Controller and sends it out to the track via a simple one-wire connection. But that's not all. The LEGACY Command Base/Charger remembers information about your layout, enabling the CAB-2 Remote Controller to display road names and numbers on the LCD screen.

SET INCLUDES:

- #991 LEGACY CAB-2 Remote Controller
- #992 LEGACY Command Base/Charger

COMMAND BASE/CHARGER FEATURES:

- Only one LEGACY Command Base/Charger required per layout
- Simple one-wire connection to your layout
- Built-in dock for recharging CAB-2 Remote Controller
- Stores operating information and settings for your layout

(6-14295) \$299.99



#993 LEGACY Expansion Set

Add additional remotes for your layout...

#993 LEGACY Expansion Set

Need additional remotes? The #993 LEGACY Expansion Set includes #991 LEGACY CAB-2 Remote Controller and a #994 LEGACY Charger

SET INCLUDES:

- #991 LEGACY CAB-2 Remote Controller
- #994 LEGACY Charger Base

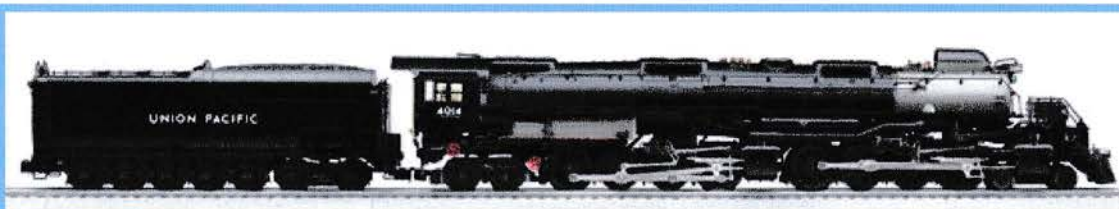
COMMAND BASE/CHARGER FEATURES:

- Built-in dock for recharging additional CAB-2 Remote Controllers
- Add as many as you like to charge remotes simultaneously



(6-14294) \$249.99

#992 LEGACY Command Base/Charger, #994 Charger, and other components lock together at your control panel.



LEGACY Locomotives

TMCCII LEGACY locomotives are equipped with unparalleled operating features. With enhanced sound features and 200 speed steps, the CAB-2 Remote Controller unlocks the potential of these twenty-first century iron horses.

LOCOMOTIVES FEATURE:

High Resolution Speed

All Legacy engines are fully equipped with 200 SPEED STEPS of speed control. The new dynamic speed system ensures unprecedented smooth, low speed operation.

RailSounds Sound System

Lionel has long been known for its legendary sound system. The new Legacy RailSounds system enhances and completes the railroading experience. It contains new sounds and commands making features like the "Variable Horn Control" possible.

Memory Modules

Each new TMCCII LEGACY engine or accessory comes with a memory module that loads all of the important information about that engine into the TMCCII LEGACY system.

COMING SOON...

These core elements (CAB-2 Remote Controller, Base, and Recharger) are only the beginning! Soon you'll be able to buy other cutting-edge enhancements for your TMCC2 LEGACY system, like the layout monitor screen shown here.



As you can see, the system is completely modular. Add as many TMCCII LEGACY elements as you like. Every component takes you a step closer to climbing into your locomotive's cab and placing your hand on the throttle. TMCCII LEGACY is here to enhance your model railroading experience - now and for years to come.

