



## What is the Base3?

- a. The Base3 is the latest iteration of the Lionel Command Control base that allows you to operate Lionel command control-equipped trains and accessories.

## Will the Base3 operate my Legacy locomotives?

- a. Yes, the Base3 is compatible with Legacy, TMCC, LionChief Plus 2.0, LionChief Plus, LionChief, and FlyerChief locomotives.

## What controllers are compatible with the Base3?

- a. You can use your existing Cab2 or Cab-1L hardware remotes.
  - i. For the Cab2, we recommend updating the firmware to the latest V1.70, which can be found on the [lionelsupport.com](http://lionelsupport.com) site.
  - ii. While the Cab2 remote will no longer be produced, the Cab-1L remote will continue to be available.
- b. The new Cab3 APP as well as the LCS APP. Limited functionality will be available with the iCab APP as well.

## How many controllers can be connected to the Base3 at once?

- a. Up to 10 total devices. Any combination of Cab2, Cab-1L, or Cab3 APP.

## LCS SER2 Serial Converter (6-81326) provides Base3 compatibility with:

- a. MTH TIU
- b. TPC300 or TPC400
- c. Older Lionel control modules such as the ASC, AMC, ARC, and BPC
- d. Base1/Cab1

## Other than controlling trains, what else does the Cab3 APP do?

- a. Update the Base3's firmware using Wi-Fi.
- b. Backup/restore the Base3's engine database.
- c. Configure the Base3's Wi-Fi connection.
- d. Edit Bluetooth and RF saved engines.

## Will the Cab3 APP work on my iPad?

- a. The Cab3 APP will be available on Android and iOS smart devices including smartphones and tablets.





## **I don't have a smartphone. How else can I update and configure the Base3?**

- a. We will have a PC utility available for download that will interface with the Base3 using either Wi-Fi or the included USB cable. (Not compatible with MAC).  
It will have the following functions:
  - i. Update Base3 firmware
  - ii. Create and read memory modules for:
    1. Base3 engine database
    2. Engine specific information
    3. Cab2 firmware update
  - iii. Backup/restore Base3 engine database to a local PC file
  - iv. Edit Base3 data (name, switch throw rate, Wi-Fi settings, TMCC remote radio channel, etc.)
  - v. Basic engine control buttons.

## **Is there a manual I can review for the Base3?**

- a. The manual will be digital. The website will go live later this year. A quick-start guide will be included with the Base3 that will have the website URL.

## **How do I use the Base3 to control my conventional engines?**

- a. The Base3 is fully compatible with the ZW-L, Legacy PowerMaster, and Legacy PowerMaster 360W. These allow you to adjust track voltage from a handheld controller connected to the Base3.

## **I have a large layout. What range does the Base3 have?**

- a. For Legacy/TMCC, the range is typically up to 100ft from Base to controller.
- b. Bluetooth: The Base3 comes with BLE5.0, which has a range up to 100ft. Lionel Bluetooth engines produced before 2021C2 feature BLE4.0, which is limited to a range of about 20ft.
- c. RF LionChief: Around 80ft.

\*\*range is reduced by physical barriers such as tunnels, bridges, walls, accessories, etc.\*\*

## **How do I connect the Base3 to the LCS modules? Do I need the powered Y-cable?**

- a. The Base3 provides 3 LCS PDI ports, each powering the LCS modules. You do not need the Y-cable. All you need is the LCS module and a PDI cable, which is available in 4 different lengths. For each additional LCS device, you only need an additional PDI cable.

