



# **RailPro HC Simulator Software**

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## **User Manual**

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## Introduction

The RailPro HC simulator software is a program for your computer that will draw a RailPro HC-2 on your personal computer screen and allow you to control and setup RailPro modules like the RailPro locomotive modules! You can do every thing with the HC Simulator that you can with a real HC-2 handheld controller! All you need is the low cost CI-1 Computer Interface module to add Direct Radio to your computer. The CI-1 Computer Interface plugs into a USB port on your computer.

## Getting Started / Setup

### *Download HC Simulator Software to your Computer*

**IMPORTANT:** Before installing software be sure you are an Administrator or logged in with Administrator privileges.

**TIP:** Loading the HC Simulator to your computer works best on a computer that is wired to your Internet Router. If you are using a wireless connection to your computer and having problems, please try to plug in an Ethernet cable to your PC and your Internet Router or move your computer as close as possible to your Internet Router.

Use your computers browser and go to [www.RingEngineering.com](http://www.RingEngineering.com). Then go to the RailPro Software page and choose HC Simulator Software. Press the button like the one below to begin loading the RailPro HC Simulator software onto your computer.



After you press the button you may be asked to run or save the program 'RailProHcSimulatorInstaller.exe.' Choose the option to 'run' the installer program if the run option is available. If there is no run option, then choose save. After the save completes open the saved file and choose Run. After that, you very likely will see a warning from your Internet Security software on your computer that will likely state that the program may be a virus and will ask if you should allow it. You must choose 'Allow' for any Internet Security software questions related to RailPro HC Simulator Software or the RailPro HC Simulator Software will either not install or not function properly. Then you should see a RailPro Software license agreement. You must choose the option 'I Accept' for the software to install. If you choose 'Decline' then the RailPro HC Simulator Software will not be installed on your computer. When the software finishes installing, you should see a new shortcut on your computers desktop to start the RailPro HC Simulator Software.



### ***Start the RailPro HC Simulator Software***

To start the RailPro HC Simulator program, double click on the RailPro HC Simulator icon on your computers Desktop.

### ***Setup the RailPro Assistant Software***

You should press the Adjust Settings Button from the main page and give the Simulator a unique Name. Each handheld you have should be given a unique name so you can tell them apart. For example you could give it a name like Bob's PC.

### ***Using the Software***

Since the HC Simulator basically does every thing a real HC-2 (handheld controller) does, please see the HC-2 User Manual for instructions.

<http://www.ringengineering.com/RailPro/Documents/HC-2UsersManual.pdf>

**IMPORTANT:** Use the mouse wheel to simulate turning the handheld controller knob. The mouse wheel is used to set the locomotive speed and change the slider value for adjustments. Since the typical wheel mouse has much less resolution than a real RailPro Handheld controller knob, the wheel mouse sets locomotive speed in 1% increments for 100 total speed steps. A real RailPro Handheld controller sets speed steps in 0.1% increments for 1000 total speed steps.

**TIP:** Some features in the HC Simulator software have no effect. The Power Off button, settings for the Auto Power Off, and Screen Brightness adjustment have no effect in the HC Simulator software. These features work on a real RailPro Handheld controller.