

# EP-PRG-01

EPtronics Wired Interface Programming Tool



### Introduction:

The EP Interface Programming Tool is a programming and configuration tool for EPtronics intelligent programmable LED drivers. It consists of the Wired EP-PRG-01 USB Programming Interface for use with -RD type parts, or Wireless FEIG ID CPR30+ USB Programming Interface for use with -RDNFC type parts. The USB Interface (only one at a time) is connected between the USB port of a computer to the USB input port on the respective USB Programming Interface.

The EP Interface Programming Tool software is a PC based graphical user interface that allows the user to program the operating parameters of an EPtronics Programmable LED Driver and read Diagnostic Information from the LED Driver. This GUI software interface allows the operator to set all the LED drivers programmable features, store pre-set configurations, single program a device or use it in Multi-Program mode to program multiple drivers.

### **EP-PRG-01 EP Wired Interface Programming Tool:**

<https://eptronics.com/product-category/programming-tools/wired-usb-interface/>

Is the physical interface unit connected between the USB port of a computer and the LED driver being programmed. This unit also provides all power required to the LED driver being programmed. No connection to an AC power source is required for programming the LED driver.

### **EP Interface Programming Tool Software:**

Available for Download: <https://eptronics.com/products/programming-software/>

The EP Interface Programming tool software is the windows based GUI that allows the user to assign custom values to the LED driver being programmed. The user can then save the profile to an excel file with a customized part# and recall as needed. The user can then use the "Multi-Program" feature to quickly program as many LED drivers with the saved profile as is required. Multi-Programming Mode auto senses driver connection and programs the driver. One can purchase an EP Programming Cradle if available, which only requires part be inserted then removed from cradle.

Note: The programming of the LED driver does not require the input be connected to an AC power connection. The LED driver circuitry will be powered from the EP-PRG-01 EP Programming Interface via the USB connection to the computer.

### **EP-PRG-01 EP Wired Interface Programming Tool**

Includes:

EP-PRG-01 Interface Module

USB Computer Cable USB A Male to USB B Male 1.0 Meter Long (Computer to EP-PRG-01)

USART TxD/RxD Connector & Cable 153mm Long (EP-PRG-01 to TxD/RxD Programmable Drivers)

## EP-PRG-01

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### EP-PRG-01 Included Items:

### Interface Hardware Items:



EP-PRG-01 Interface



USB A to B (Computer)



TxD/RxD Connector

### Assembled Hardware & cabling:



### Optional Items:

EP-CRADLE-01 EP Programming cradle for LP25W & LP40W (Includes USART Programming cable)

<https://eptronics.com/product-category/programming-tools/wired-interface-cradle/>

## EP-PRG-01

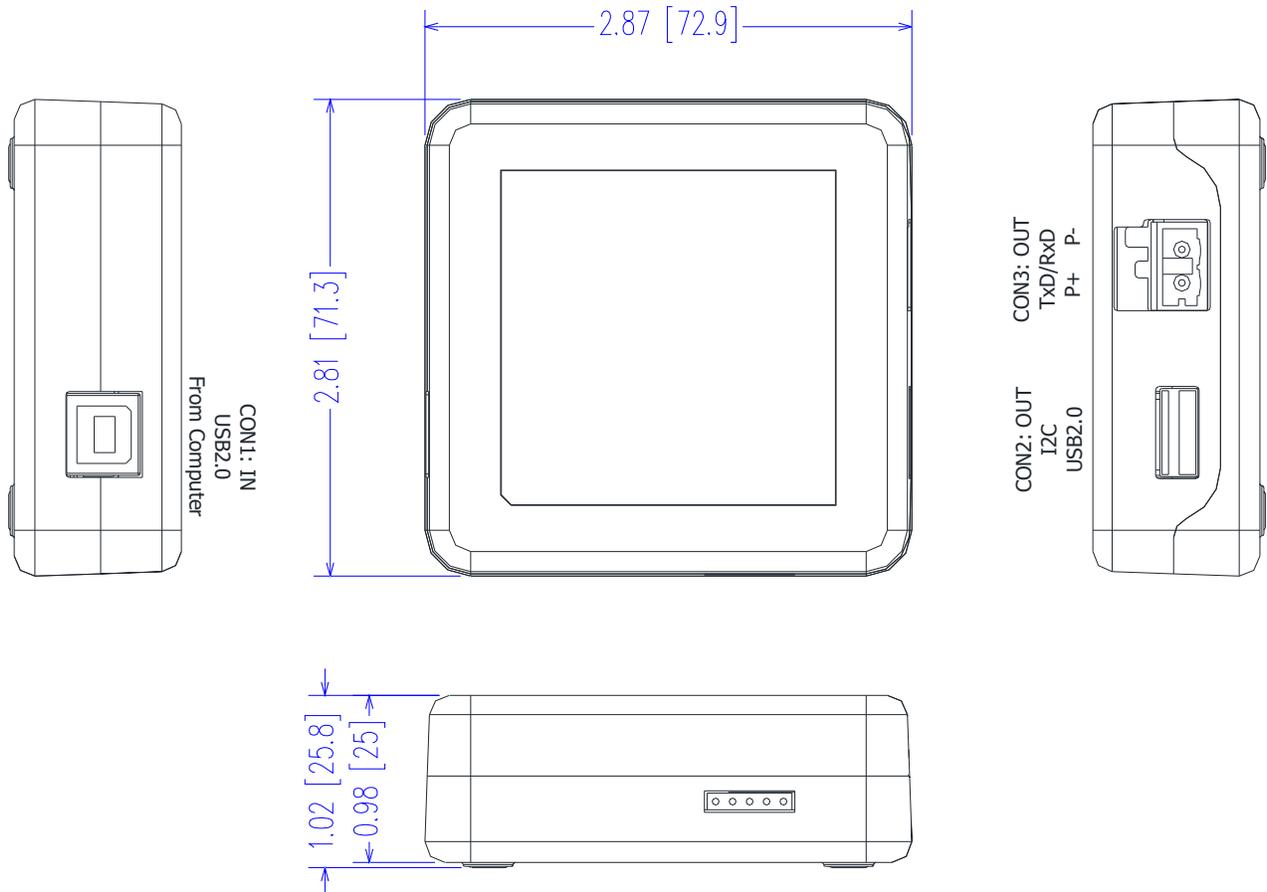
EPtronics Interface Programming Tool

**Tool**  
**EP-PRG-01**  
**PROGRAMMING**

### Mechanical Dimensions: Inches [mm]

Material: Plastic Housing  
 Weight: 2.4 oz ( 67 grams) Typical

### Labeling Example





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