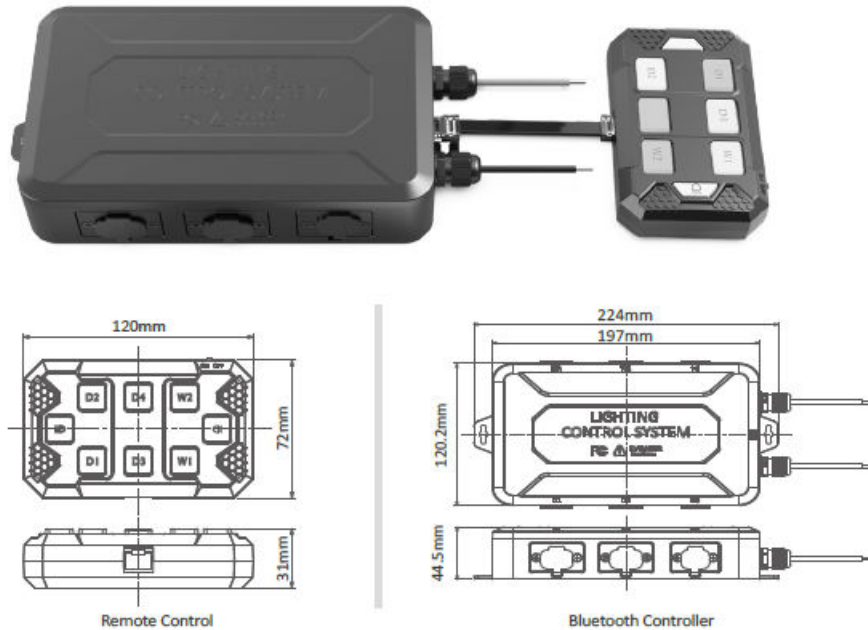


77540 - Multifunction Controller with Wireless Capabilities

Specifications:



Current: Input 20A/600W Max. with overload protection

Output: 20A Max on Driving Light Ports Hi/Low Beam D1 and D2

Output: 10A Max on Ports D3, D4, W1, W2

Remote control distance from switch box: 160 ft. for remote control and 38 ft. for mobile app.

IP rated: IP67

This document provides all the necessary information to allow your product to be properly and safely installed. Before beginning the installation and operation of your new product, the installation technician and operator must read this manual completely.



Package Includes:

- 1 Control box**
- 1 multi-functional remote control**
- 1 Network cable**
- 6 DT style connectors prepared with 5" of jacketed cable**
- 1 Adhesive backed Velcro mounting kit**
- 2 Screws for permanent mounting of the remote control**

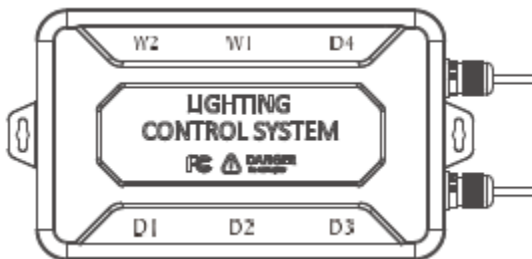
Warning: Do not use wire control when the RJ connect port has water inside.

Important! This unit is a safety device, and it must be connected to its own separate, fused power point to assure its continued operation should any other electrical accessory fail.

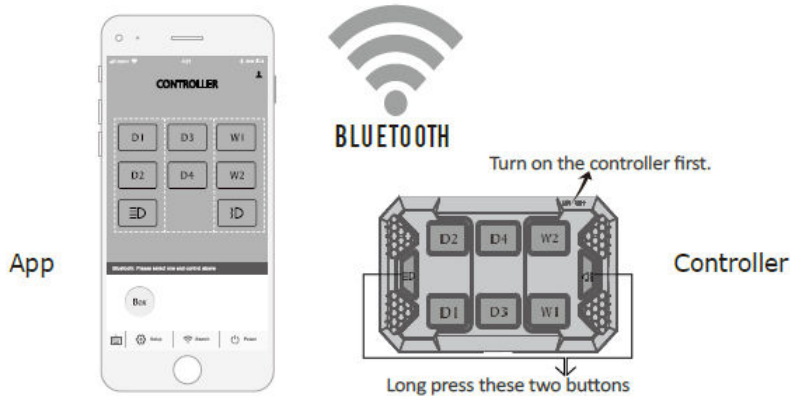
This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Functionality:

1. This control box can be used in 3 different modes:
 - The remote control that came with this device can be used wirelessly
 - The remote control that came with this device can be used as a wired controller connected directly to the control box using the network cable supplied with the unit.
 - Alternately the control box can be controlled wirelessly using a smart phone app (see QR codes to download).
2. This device is meant to control the following warning signals, driving lights, and work lights:
 - Work Lights and Scene Lighting
 - Beacons, Minibars simply on and off, also with flash pattern select capability as a momentary high signal to the products select wire
 - Driving Lights with High and Low Beam capability
 - Utility Arrows with manual directional change
3. Switch Functions (turn on the controller first):
 - D1/D2 for Driving light
 - D3/D4 for Work light
 - W1/W2 for Warning light
 - ⇒ Hi/Lo Beam Control
 - ⇄ Mode Control
4. Output ports on control box:



Operation:



Wired Remote Control:

With the system powered down and the remote control switched off, connect the two together using the supplied network cable. Plug one end into the control box and the other into the remote control. Power up and test operation. **Uses A23 12V battery.**

Warning: Do not use wire control when the RJ connect port has water inside.

Bluetooth Remote Control:

The remote control and the box were paired at the factory for Bluetooth operation. If your remote control fails to connect: press and hold both the buttons on the left and right side of the remote for 15 seconds and all the lights connected to the control box will flash. That indicated that your remote and control box have been paired. See image above showing which buttons to press.

Cell Phone Mobile App: scan the appropriate QR code below and download and install the app.



ios



Android

*Note: the optional app is not compatible with Android versions 12 and newer