PRE-BUILT LED CONTROL CENTER

Important Installation Notes

The LED Control Center shipped to you contains the components purchased with your Boogey Lights LED light kit. These components typically include an LED Controller at minimum. Some will also include a wireless switch and/or relay(s). Regardless of your LED Control Center board configuration, we include a wiring diagram of the components you purchased. While we have included some photos of the most common Control Center board configurations, it is important to refer to that wiring diagram to complete your installation. Note too we label each pre-built control center board to indicate which connections go where. An understanding of 12vdc power terminology is necessary. If you are not familiar with these terms, ask someone who is. **Do not guess**.

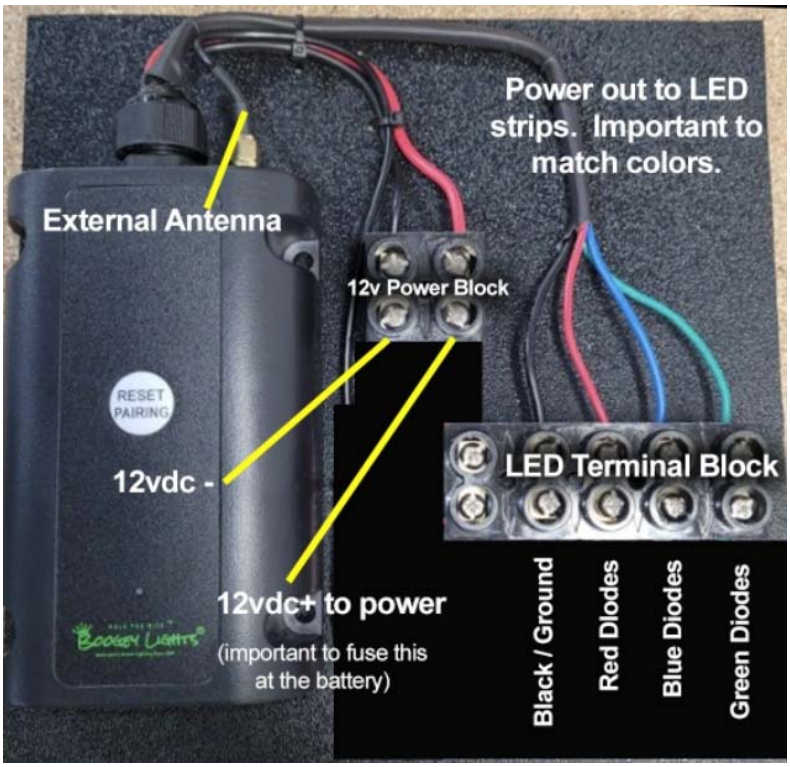
ADD A FUSE: When we mount the LED controller or other wireless device to the control center board, we remove the in-line blade fuse that normally comes attached to the controller (see wiring diagram). We terminate the 12vdc power input normally connected to that blade fuse to a terminal block that is mounted on the control center board (see photo below). We include an in-line blade fuse holder (and fuse) which MUST be installed at the power source between the power source and the power input terminal block on the LED Control Center.

NOT WATER PROOF: The LED Control Center is not water proof. It is intended to be mounted in a location that is not exposed to the elements. For RVs, we typically install these in the same compartment as the house batteries. For Semi-Trucks, we install them in the driver's side storage box (aka 'jockey box') which offers the shortest distance to the truck's battery bank.

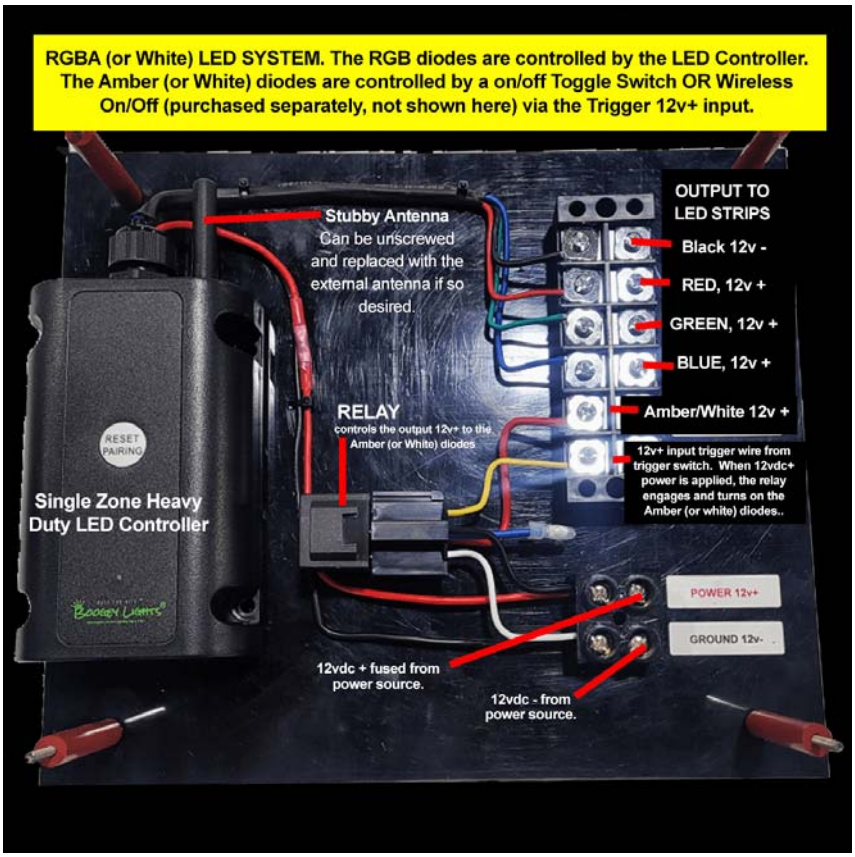
We include 3M dual lock reclosable tape to use in mounting the power center board.

This is a photo of a simple LED Control Center. It has a one single zone LED controller using RGB LEDs to illustrate the most common configuration hook up points. If this was a dual zone controller, there would be two sets of LED terminal blocks (zone 1 and zone 2). It may or may not have two sets of power blocks (depends on # of LEDs in the system).

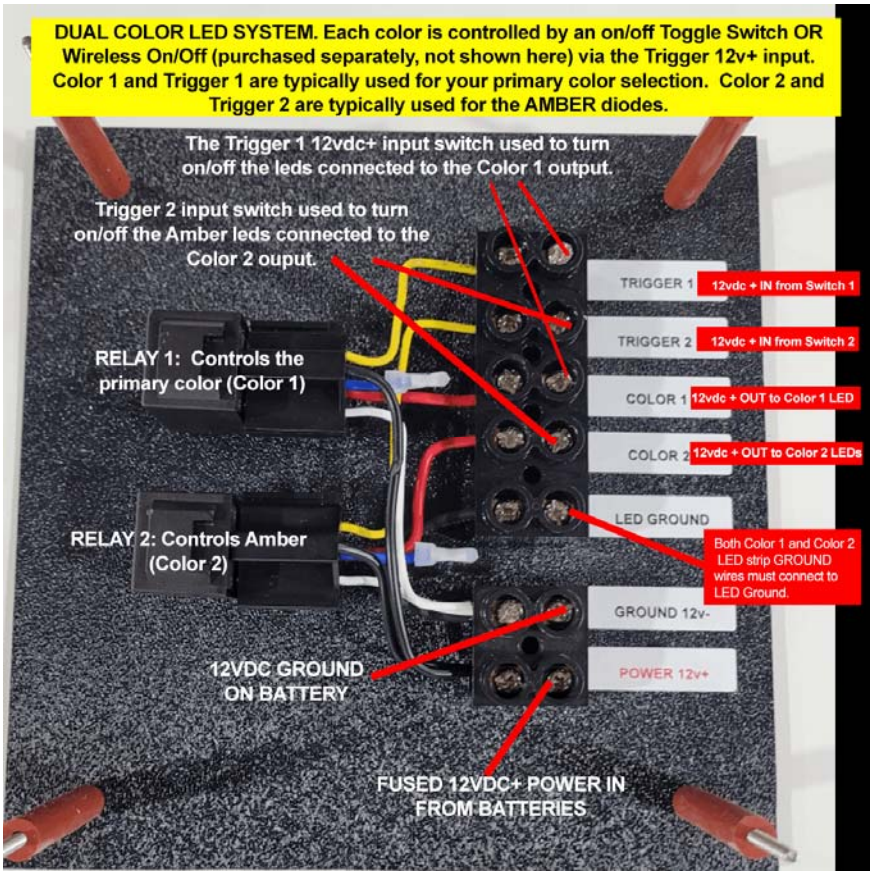
The 12v power block has two connections: 12vdc+ (RED) and 12vdc- (BLACK). These should connect directly to the house batteries (RV) or vehicle batteries (Semi-Truck) using 10AWG (or 8AWG) cable. **Important to fuse the positive connection.**



RGBA (OR RGBW)
CONFIGURATION



DUAL COLOR CONFIGURATION



DUAL ZONE RGBx

DUAL ZONE, RGBx LED SYSTEM. RGB LEDs operated by the LED controller on zone 1 and 2. The White (or Amber) diode controlled by a separate switch (not shown, purchased separately) with relay.