

# COMMON SENSE RC

THE "GO TO" GUYS IN ELECTRIC POWER

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## Color Changing LED Controller Instructions #LED-DFC-RGB

This LED Controller is designed to be used with color-changing 12V LED strips. The controller features 23 different modes and each mode has nine (9) different speed settings. It can also be set to a "static mode" where one color is displayed and there are 20 different colors to choose from.

- To turn the LEDs off, press and hold the "SPEED/BRIGHT" and "COLOR" buttons at the same time for 2 seconds. To turn the LEDs on, press the "SPEED/BRIGHT" button.
- To change the mode of the LEDs, press the top button, labeled "MODE". Each button press changes to a new mode. There are 23 modes to choose from.
- To change the speed of the mode pattern, press the middle button, labeled "SPEED/BRIGHT". There are nine (9) different speed settings.
- To set the LEDs to "static mode" (always on, no flashing, blinking, strobing, pulsing, etc.), press the bottom button, labeled "COLOR". Once you are in the "static mode" you can use the "COLOR" button to cycle through the 20 different solid colors and the "SPEED/BRIGHT" button to adjust the brightness of the LEDs. There are 8 different levels of brightness and the brightness setting will be applied to every mode. Press the "MODE" button to leave "static mode".

### Connecting the controller to LED strip:

- Use the 4-pin connector attached to the LED strip and line the arrow on it up with the arrow on the dimmer. Push both pieces together so they make solid contact and make sure all four (4) pins are connected.

Make sure to line up the arrows on the controller and 4-pin connector coming off the LED strip. The arrows are circled in red. Please note that the arrow on the 4-pin connector is normally black, but was made white for visibility in the photo



### Connecting the controller to a power supply:


- This LED Controller runs on 12V DC power only.
- The LED Controller is rated to handle up to six (6) amps.
- **DO NOT** apply a load to the LED Controller that exceeds the ratings listed above. Doing so will damage and/or break your unit

Connect this lead to the **positive (+)** terminal of a 12V power supply

Connect this lead to the **negative (-)** terminal of a 12V power supply



**Input voltage: 12V**  
**Maximum current: 6 amps**

 To power your LEDs using your 3S lipo pack, grab one of our 8" LED adapters (#LED-LEAD-8). Simply connect it to the end of the controller then connect it to the balance plug on your battery (compatible with JST-XH style balance plugs).