Touch! Wireless RGB LED Controller

INSTALLATION GUIDE

Product Overview

The Touch! Wireless RGB LED Controller is our most advanced and easiest to use RGB LED controller. With this controller, you can use the touch wireless remote to control your RGB LED fixtures, providing full color and brightness control. Simply connect this unit to your RGB LED fixtures and a power supply, grab the remote control, and start controlling your fixture.

Choose any color output using the touchwheel on the remote control, or choose from 16 pre-programmed scenes.

This RGB LED controller is compatible with most of aspectLEDs RGB LED fixtures.

SAFETY AND WARNINGS

- Install in accordance with the National Electric Code, and all local regulations.
- This product is intended to be installed and serviced by a qualified licensed electrician.
- Only use with compatible LED fixture and power supplies. Only use copper wiring.
- Ensure appropriate type and size wire is installed between driver, fixture, and any controls in between. When choosing wire, factor in voltage drop, amperage rating, and type (in-wall rated). Improper wire size or type could cause a fire or damage components.
- Do not install if product has any visible damage.
- Do not modify or disassemble this product. Modification or disassembly will void warranty.
- Use only non-dimming class 2 constant voltage LED power supply.

SPECIFICATIONS

Wireless Remote Dimensions 4-1/2" long, 2-1/4" wide, 3/4" thick

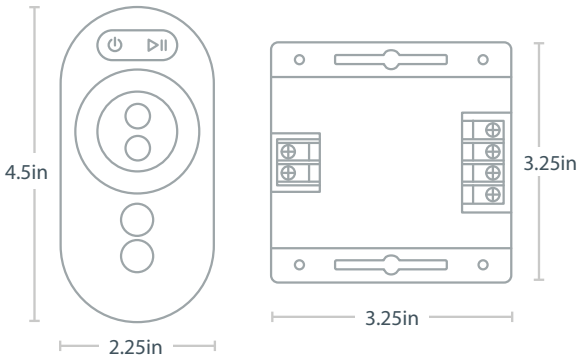
Control Box Dimensions 3-1/4" long, 3-1/4" wide, 1-1/4" thick

Input Voltage 12VDC or 24VDC

Input Signal Wireless (RF) Remote Control

Output Signal 3 channels @ up to 4A per channel

Output Power 144-288 Watts

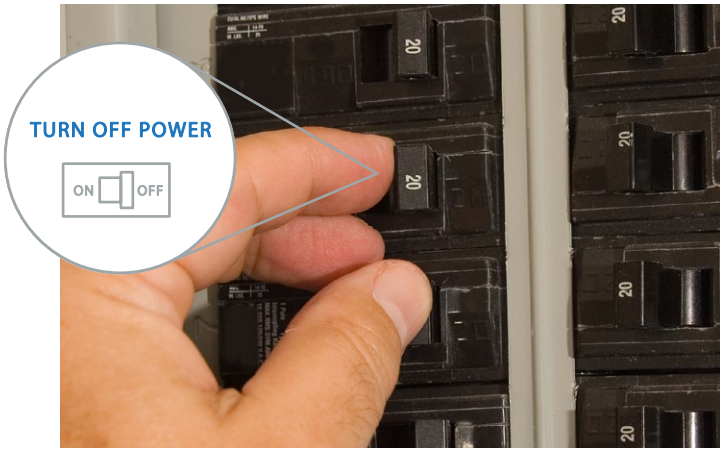


Before you begin

We know how boring it can be to read instructions, so we'll keep this installation guide as short and sweet as possible. Before you begin with your installation, be sure to fully read these instructions. They contain many useful tips and pointers that will help to ensure a perfect installation, save you time, and ensure your safety.

It is important that you install this product (and all other electrical products) in accordance with the National Electric Code (NEC) and all applicable local building and electrical codes for your area. If you are unfamiliar with the NEC, your local building/electrical codes, and/or the proper installation methods for electrical devices, you should hire a qualified and licensed electrician to do the work for you.

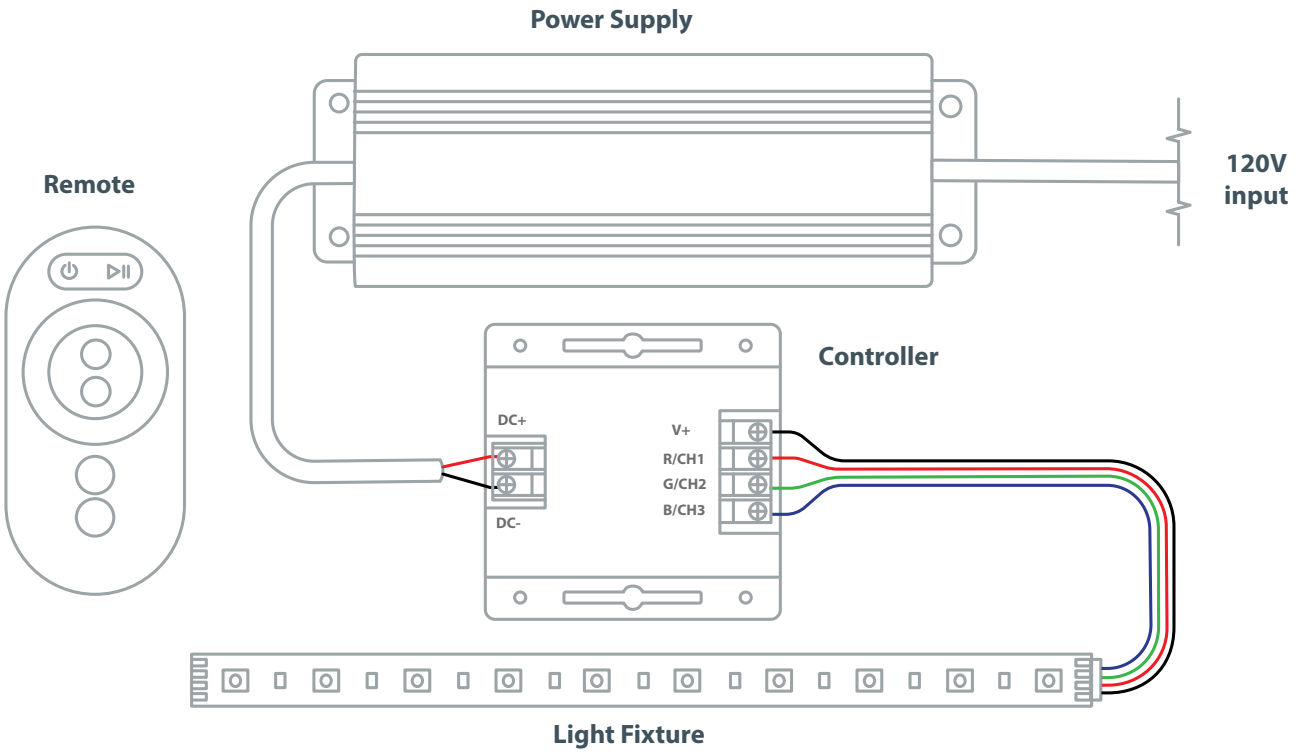
Before beginning any electrical work, always disconnect power at the fuse or circuit breaker.



Important considerations

- This product is only suitable for dry locations. Avoid direct sun light.
- Use of accessories not recommended by aspectLED may cause an unsafe condition and void warranty.
- Always consult a wire gauge chart to determine the correct size wire for your application. Wire gauge is dependent on voltage drop, amperage rating, and environment. Incorrect wire selection could overheat systems and cause a fire.
- This LED controller requires 12VDC or 24VDC input. DO NOT CONNECT TO 120VAC!
- Keep finger off the touch ring when installing batteries to improve sensitivity.
- Do not use the controller in a concrete or metal-heavy area or in a strong electromagnetic field or range of remote may be considerably reduced.

System diagram

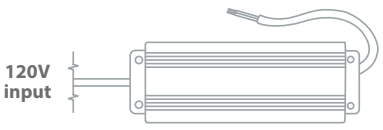


Installation

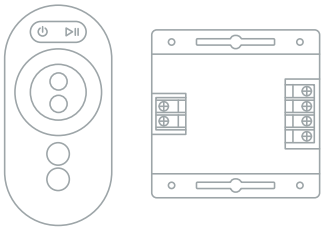
1 Turn off power at breaker.

2 Identify the location where you'll install your controller, power supply, and lights.

Power Supply



Remote + Controller



LED Light Fixture

3 Using appropriately sized copper wiring, connect the output wires from your power supply to the input terminals on the controller and connect your LED light fixture to the output terminals on your controller.

Refer to System Diagram for configuration. Note that as long as you use the correct size/type of wire, you can mount your controller and power supply in a different location than your LED light fixture.

4 Insert batteries into your remote controller.

5 Verify connections before turning power on at the breaker.

6 Once you've finished, double check all connections and turn on power to your circuit.

Test functionality of your installation. If you experience issues, see the trouble shooting guide on page 6, or contact technical support at **(888) 503-1317** option 3 or **support@aspectled.com**.

7 Congratulations!

You've successfully completed the installation process. Once your light is installed, your project is finished. Now is a great time to take a moment to sit down and enjoy your favorite beverage while giving yourself a pat on the back for a job well done.

Remote operation

⏻ to **power on and off**
⏯ to **play and pause**

Choose a single color by using the color wheel. Slide your finger anywhere on the color wheel to choose a specific color.

Brightness/Speed control buttons. Press the large star to increase brightness or speed. Press the small star button to decrease brightness or speed.

SCENES

Previous **Next**

- **Solid White** – brightness adjustable
- **Solid Cyan** – brightness adjustable
- **Solid Magenta** – brightness adjustable
- **Solid Yellow** – brightness adjustable
- **Solid Blue** – brightness adjustable
- **Solid Green** – brightness adjustable
- **Solid Red** – brightness adjustable
- **Blue + Red Strobe Flash** – speed adjustable
- **Blue Strobe Flash** – speed adjustable
- **Green Strobe Flash** – speed adjustable
- **Red Strobe Flash** – speed adjustable
- **7 Color Fade** – speed adjustable (color fades out before new color comes in)
- **7 Color Smooth Gradient** – speed adjustable (smooth transition between colors)
- **Red, Green, Blue Fade** – speed adjustable (color fades out before new color comes in)
- **7 Color Strobe Flash** – speed adjustable
- **Red, Green, Blue Strobe Flash** – speed adjustable

Troubleshooting

Shift in brightness and/or temperature	• Make sure you did not exceed the maximum wattage of the controller or the max series run limit for your fixture. This will cause excess voltage drop, resulting in decreased brightness and/or temperature as the run is extended.
Some lights are not functional	• Ensure all connections have been attached properly.
Lights are flickering	• Check that a compatible power supply/driver is installed. • Check for loose connections and that components are attached correctly.
Lights are turning on/off repeatedly	• Ensure the driver is not overloaded. An overloaded driver will trip the internal auto-reset repeatedly, turning the system on/off.
Installation trips main breaker	• Check wiring for a short circuit or other wiring issue.