Manuals+

Contents

Super bright leds LDIR-RGB3 RGB LED Controller

Product Information

The RGB LED Controller with Wireless IR Remote, model LDIR-RGB3, provides users with the ability to control RGB strips (not included) using an IR remote.

Product Usage Instructions

IR Remote Functions

- **Brightness +** / **Pause** / **Resume:** Adjust brightness, pause, or resume light effects.
- **Power ON** / **OFF:** Turn the controller on or off.
- **Color Presets:** Choose from pre-set color options.
- **DIY Adjust** / **Save:** Customize colors by selecting one of the six DIY buttons. Use color arrows to adjust saturation. Hold a DIY button to save the custom color.
- **Quick** / **Slow:** Speed up or slow down selected lighting modes.

Wiring Diagram The DC Barrel Connector serves as the input for power. Follow the wiring diagram provided for proper installation.

Lighting Modes

- **Auto:** Cycles through all modes randomly.
- **Flash:** Toggle strobe mode on or off.
- **Fade7:** Seven-color fade effect.
- **Fade3:** Three-color fade effect.
- **Jump7:** Seven-color instant change effect.
- **Jump3:** Three-color instant change effect.

Battery Safety For battery safety, refer to the specified battery type and handle with care to prevent damage or injury.
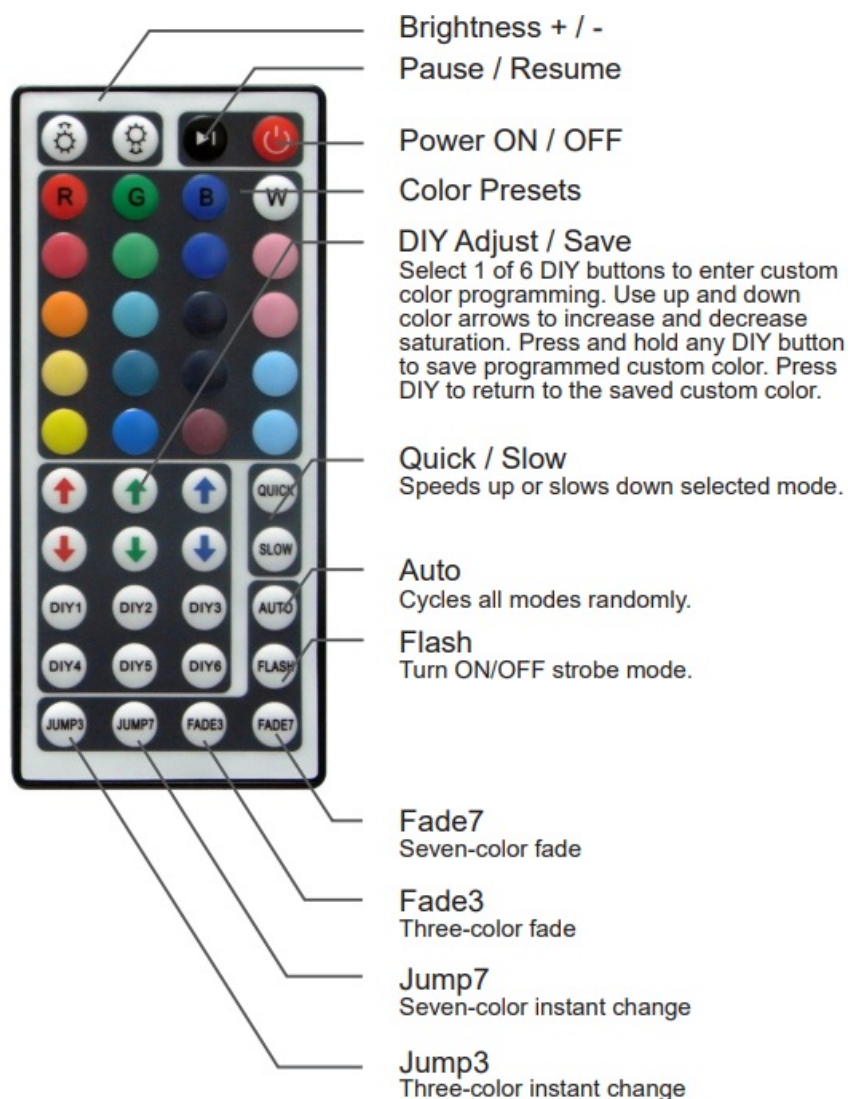
INTRODUCTION

Important: Read all instructions prior to installation.

Specifications

LDIR-RGB3	
Input Power*	12–24 VDC
Output Power	12 VDC = 108 W 24 VDC = 216 W
Output Current	9 Amps (3 Amps/CH)
Operating Temperature	-4°–140° F (-20°–60° C)
Battery Type	CR2032 3V

- The output power will not exceed the input power.

IR Remote

Brightness + / -

Pause / Resume

Power ON / OFF

Color Presets

DIY Adjust / Save
Select 1 of 6 DIY buttons to enter custom color programming. Use up and down color arrows to increase and decrease saturation. Press and hold any DIY button to save programmed custom color. Press DIY to return to the saved custom color.

Quick / Slow
Speeds up or slows down selected mode.

Auto
Cycles all modes randomly.

Flash
Turn ON/OFF strobe mode.

Fade7
Seven-color fade

Fade3
Three-color fade

Jump7
Seven-color instant change
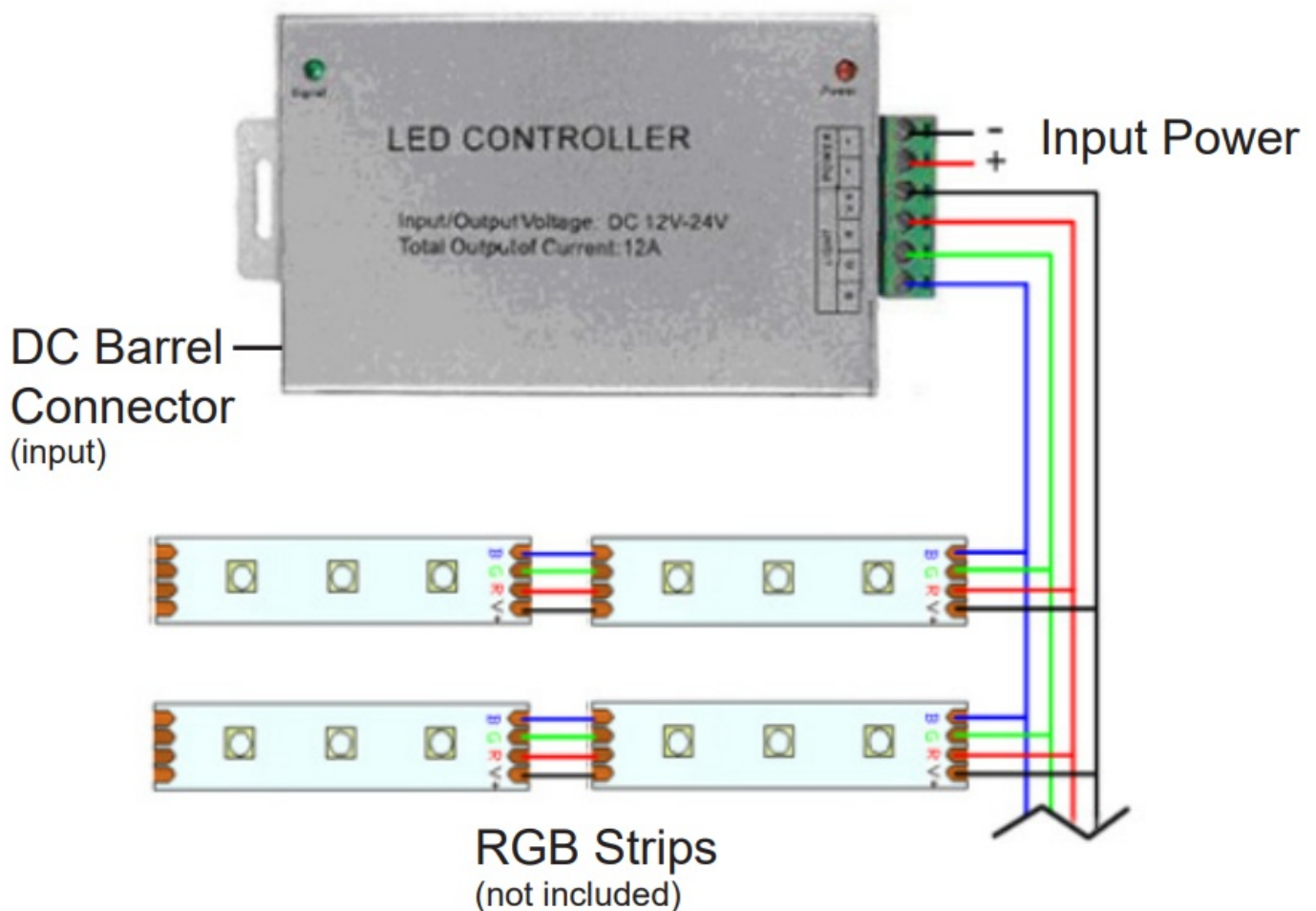
Jump3
Three-color instant change

SAFETY INSTRUCTION

 WARNING: INGESTION HAZARD

- This product contains a button cell or coin battery.
- DEATH or serious injury can occur if ingested.
- A swallowed button cell or coin battery can cause Internal Chemical Burns in as little as 2 hours.
- KEEP new and used batteries OUT OF REACH of CHILDREN Seek immediate medical attention if a battery is suspected to be swallowed or inserted inside any part of the body.

Wiring Diagram

Battery Safety

- Remove and immediately recycle or dispose of used batteries according to local regulations and keep away from children. Do NOT dispose of batteries in household trash or incinerate.
- Even used batteries may cause severe injury or death.
- Call a local poison control center for treatment information.
- Non-rechargeable batteries are not to be recharged.
- Do not force discharge, recharge, disassemble, heat above (manufacturer's specified temperature rating), or incinerate. Doing so may result in injury due to venting, leakage, or explosion, resulting in chemical burns.

- Ensure the batteries are installed correctly according to polarity (+ and -).
- Do not mix old and new batteries, different brands or types of batteries, such as alkaline, carbon-zinc, or rechargeable batteries.
- Remove and immediately recycle or dispose of batteries from equipment not used for an extended period of time according to local regulations.
- Always completely secure the battery compartment. If the battery compartment does not close securely, stop using the product, remove the batteries, and keep them away from children.
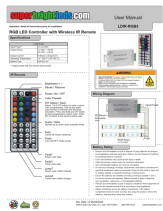
Customer Service

- **Rev Date: V2 05/29/2024**
- **4400 Earth City Expy, St.**
- **Louis, MO 63045**
- **8665903533**
- **superbrightleds.com**

FAQ

- **Q: How do I reset the DIY custom color programming?**
  - **A:** To reset the DIY custom color programming, press and hold the DIY button until the color resets to the default setting.
- **Q: Can I use RGB strips from other brands with this controller?**
  - **A:** It is recommended to use RGB strips compatible with the controller to ensure proper functionality and performance.

Documents / Resources

super bright leds LDIR-RGB3 RGB LED Controller [**pdf**] User Manual
LDIR-RGB3, LDIR-RGB3 RGB LED Controller, LDIR-RGB3, RGB LED Controller, LED Controller, Controller

References

- **LED Lighting For Everything | Super Bright LEDs**
- **User Manual**