

Important: Read all instructions prior to installation.

LED Controller with Wireless RF Remote

MCBRF-5ALC2

Specifications

Voltage Range	5–24 VDC
Max. Output Current	5 Amps
Communication Type	RF Wireless
Remote Battery	3V CR2032
Remote Frequency	433.92MHz
Remote Operation Distance	up to 49.2 ft (15 m)
FCC ID	2ACJPRM12

Controller Installation

1. Power Supply Wiring

The main unit can work at DC 5V to 24V power supply. The red cable (or inner pole of DC jack) should be connected to positive and black cable (or outer pole of DC jack) to negative. Make sure the power supply voltage matches the LED strip requirement, incorrect voltage may damage strip.

2. LED Output Wiring

The red cable should be connected to LED positive and black cable to negative. Use LC2 male connector on controller to plug in female LC2 connector on LED strip.

The peak output current is 5 amperes.

CAUTION! Do not short circuit or overload the LED outputs, this may lead to permanent damage!

FCC Statement

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. Any changes or modifications in construction of this device which are not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

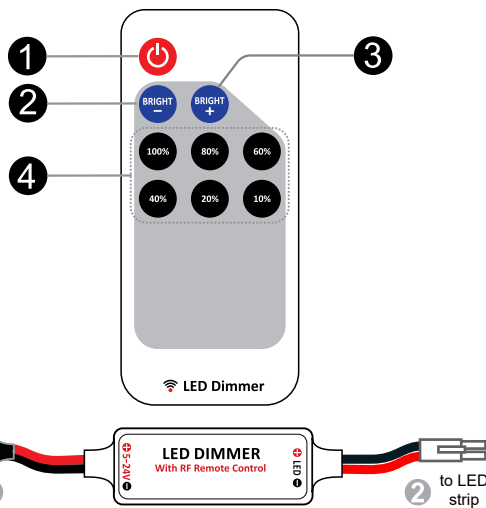
Safety and Notes

⚠ 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.



- 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.



Wireless Remote Functions

1. Turn On/ Standby

Press to turn on unit or switch to standby mode. At power on, unit will automatically turn on and restore to previous setting.

2/3. Brightness Adjust

Press BRIGHT+ to increase brightness and press BRIGHT- to decrease brightness.

4. Brightness Shortcuts

Directly switch to 100%, 80%, 60%, 40%, 20% or 10% of full brightness.

Remote Pairing Options

1. Using Remote Controller

Please remove the battery insulator before using. The remote uses a 3V CR2025 battery. The RF wireless remote signal can pass through barriers, so it's not necessary to aim at the main unit when operating. For proper receiving of the remote signal, please do not install the main unit in metal enclosures.

2. Pairing New Remote

Up to 3 wireless remotes can be assigned to operate the LED controller. Additionally, each individual wireless remote can be assigned to an unlimited number of controllers. The following steps show how to assign a new remote to the LED Controller:

1. Disconnect the power to the LED controller, wait 5 seconds, and reconnect.
2. Within 5 seconds of reconnecting the LED Controller, press the "100%" and "60%" buttons simultaneously.

3. Free Remote Pairing Mode

Up to 3 wireless remotes can be assigned to operate the LED controller. The following steps show how to assign a new remote to the LED Controller:

1. Disconnect the power to the LED controller, wait 5 seconds, and reconnect.
2. Within 5 seconds of reconnecting the LED Controller, press the "ON/OFF" and "BRIGHT+" buttons simultaneously.

