

LED RF Controller RGBW Set - User Manual



Item No.: LC-002-061

1. Product Description

The remote and its receiver is a one zone RF wireless RGB Controller. The Controller can also work with data repeater to expand output unlimitedly.

2. Performance Parameter

Remote:

Operation Voltage	3x 1,5 VDC Batteries (3xAAA Batteries)
Operation Frequency	434MHz/868MHz/915MHz
Dimensions (L x W H)	120 x 48 x 17,6mm
Operation mode	RF Wireless

Receiver:

Input Voltage	12V-24VDC, Constant Voltage
Max. Output Power	4 Channels x 5A (240W/12V) or (480W/24V)
Dimensions (L x W H)	145 x 46,5 x 16mm
weight	70g

3. Features

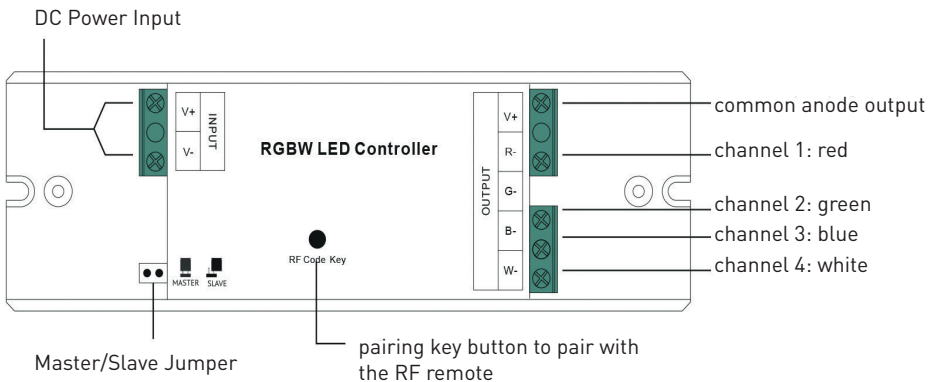
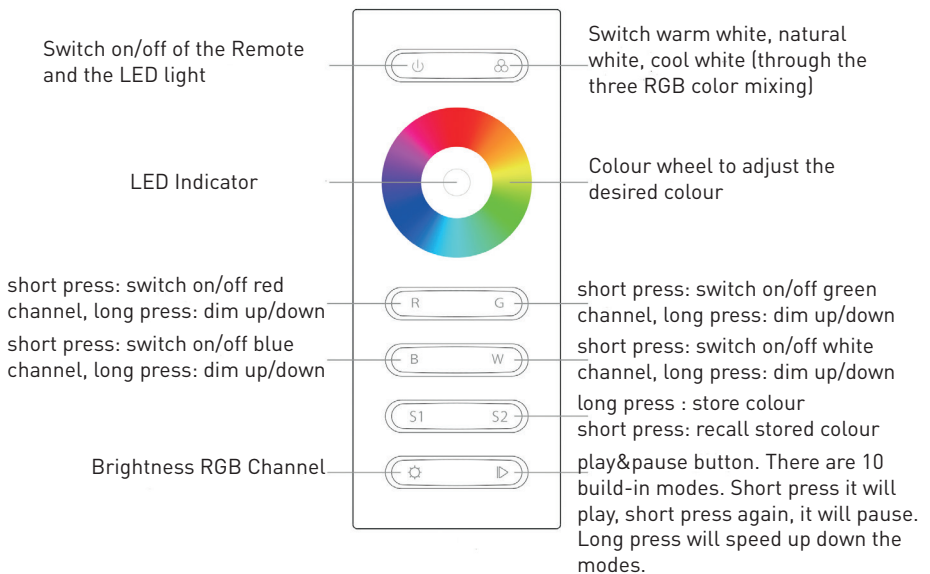
1. Power on and power off
2. Activate a desired colour by the colour wheel
3. Activation of 10 different fix-stored colour gradients
4. Activation of 3 fixed stored RGB white colours
5. Dimming of desired colour and colour gradients
6. Speed changing and freeze of colour gradients
7. Switch on/off and dimming of the 4 channels RGBW and total dimming of the adjusted RGB colour.
8. One receiver can be paired with max. 8 different remote controls

4. Operation Manual

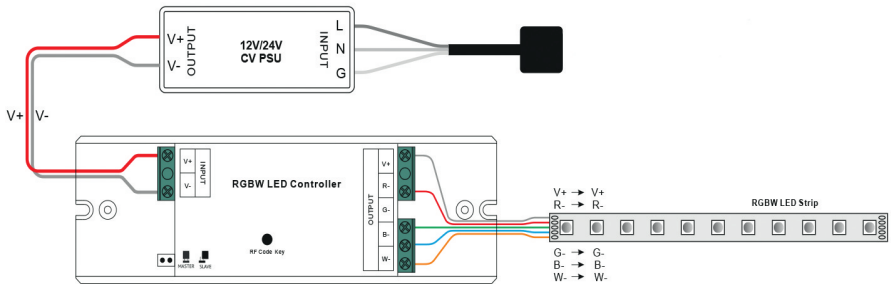
4.1. Connection of Remote with the Receiver:

- Do wiring according to the wiring diagram
- Wake up the remote control by pressing the ON/OFF button.
- press shortly the „RF Pairing Key” button on the receiver.
- Touch the colour wheel on the remote.
- Connected LED light will flash to confirm matching was successfully.
- If you wish to delete the learned ID, please press „RF Pairing Key” button on the receiver for 5 seconds until LED light flash up, the learned ID is deleted.

4.2. Description of the remote buttons:



5. Wire Diagram



6. Safety warning

- 6.1. To avoid installed the product in minefield, strong magnetic field and high voltage area.
- 6.2. To ensure the wiring is correct and firm avoiding short circuit damages to components and cause fire.
- 6.3. Please install the product in a well ventilated area to ensure appropriate temperature environment.
- 6.4. The product must be worked with DC constant voltage power supply.
Please check the consistence of input power with the product, if the output voltage of the power comply with that of the product.
- 6.5. Connect the wire with the power on is forbidden. Ensure proper wiring first then check to ensure no short-circuit, then power on.
- 6.6. Don't repair it by yourself whenever an error occur. Contact the supplier for any inquiry.

7. Remarks

- 7.1. Power source must be DC constant voltage type of power supply. Due to the efficient output in some power supplies are only 80% of total, so please select at least 20% higher output power supply than the consumption of LED lights.