AUTLED LC-002-061 LED RF Controller RGBW Set User Manual

LED RF Controller RGBW Set – User Manual

Item No.: LC-002-061

Contents

Product Description

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

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 IL x W H)	145 x 46,5 x 16mm
weight	70g

Features

1. Power on and power off
2. Activate a desired color by the color wheel
3. Activation of 10 different fix-stored color gradients
4. Activation of 3 fixed stored RGB white colors
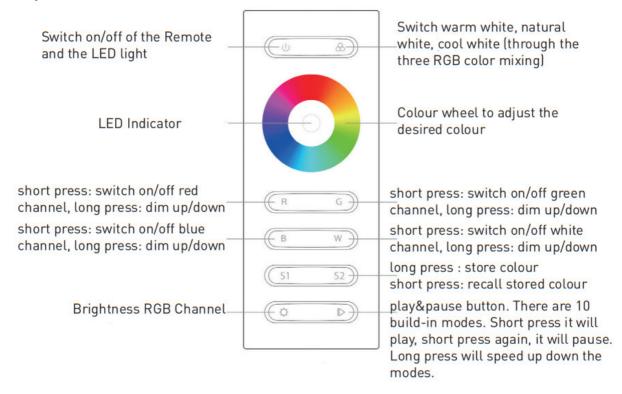5. Dimming of desired colour and color gradients

6. Speed changing and freeze of color gradients

7. Switch on/off and dimming of the 4 channels RGBW and total dimming of the adjusted RGB color.

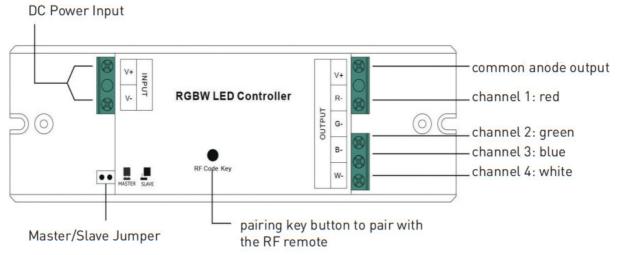8. One receiver can be paired with max. 8 different remote controls

Operation Manual

4.1. Connection of Remote with the Receiver:
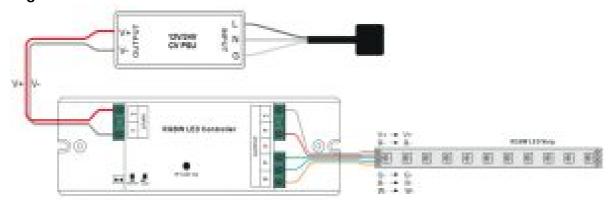
a) Do wiring according to the wiring diagram
b) Wake up the remote control by pressing the ON/OFF button.
c) press shortly the „RF Pairing Key" button on the receiver.
d) Touch the color wheel on the remote.
e) Connected LED light will flash to confirm matching was successful.
f) If you wish to delete the learned ID, please press the „RF Pairing Key" button on the receiver for 5 seconds until the LED light flashes up, the learned ID is deleted.

4.2. Description of the remote buttons:

Switch on/off of the Remote and the LED light

Switch warm white, natural white, cool white (through the three RGB color mixing)

LED Indicator

Colour wheel to adjust the desired colour

short press: switch on/off red channel, long press: dim up/down

short press: switch on/off green channel, long press: dim up/down

short press: switch on/off blue channel, long press: dim up/down

short press: switch on/off white channel, long press: dim up/down

long press : store colour
short press: recall stored colour

Brightness RGB Channel

play&pause button. There are 10 build-in modes. Short press it will play, short press again, it will pause. Long press will speed up down the modes.

DC Power Input

RGBW LED Controller

common anode output

channel 1: red

channel 2: green

channel 3: blue

channel 4: white

Master/Slave Jumper

pairing key button to pair with the RF remote

Wire Diagram

Safety warning

6.1. To avoid installing the product in a 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 causing a fire.

6.3. Please install the product in a well-ventilated area to ensure an appropriate temperature environment.

6.4. The product must be worked with a DC constant voltage power supply.

Please check the consistency of input power with the product, if the output voltage of the power complies with that of the product.

6.5. Connecting 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 occurs. Contact the supplier for any inquiry.

Remarks

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

Documents / Resources

AUTLED LC-002-061 LED RF Controller RGBW Set [pdf] User Manual
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