



# AUTLED LC-002-060 LED RF Controller RGB Set User Manual

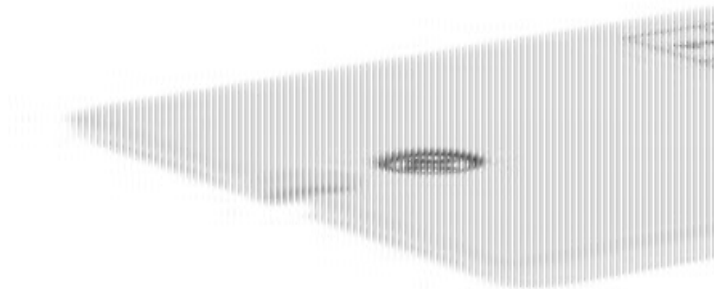
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# AUTLEAD

**AUTLED LC-002-060 LED RF Controller RGB Set**



## Product Introduction

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.

## Performance Parameter

### Remote:

- Operation Voltage: 3x 1,5 VDC Batteries
- Operation Frequency: 434MHz/868MHz
- Dimensions (L x W x H): 120x 47,9 x 17,6mm
- Operation mode: RF Wireless

### Receiver:

- Input Voltage: DC12V-DC24VDC, constant voltage
- Max. Output Power: 3 x 5A (180W/12V) or (360W/24V)
- Dimensions (L x W x H): 144 x 46 x 17mm
- Weight: 75g

## Features

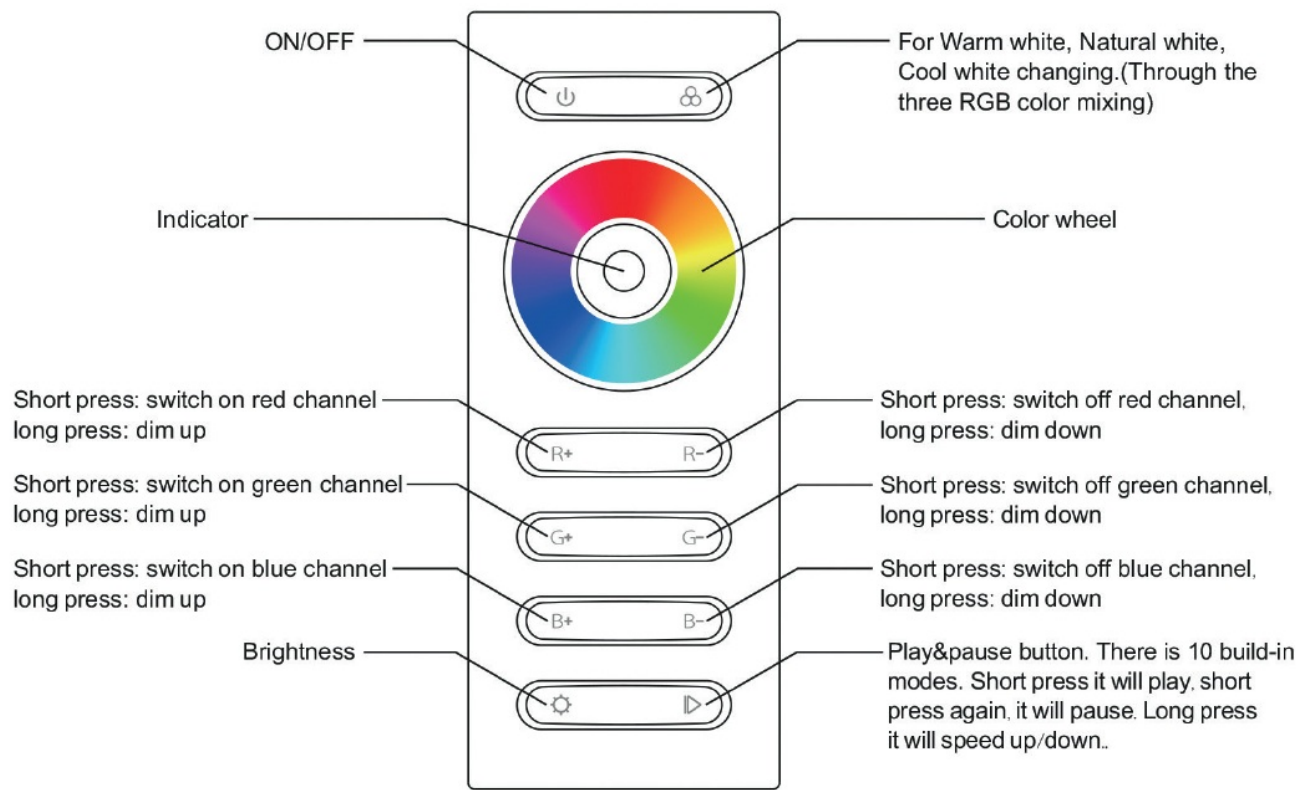
1. Power on and power off
2. Activate a desired colour by the colour wheel
3. Activation of fixed-stored colour gradients
4. Activation of 3 fixed stored RGB white colours
5. Dimming of desired colours and colour gradients
6. Speed changing and freeze of colour gradients
7. Switch on/off and dimming of the 3 channels RGB.

## Operation Manual

### Connection of Remote with the Receiver:

- a) Do wiring according to connection diagram
- b) Wake up the remote control by touching ON/OFF button.
- c) Press the „RF Code Key“ Button on the Receiver.
- d) Touch the control wheel on the remote.
- e) Connected LED light will blink to confirm matching successfully.
- f) If you wish to delete the learned ID, please press „RF Code Key“ on the receiver for 5 seconds until LED light flash, the the learned ID is deleted.

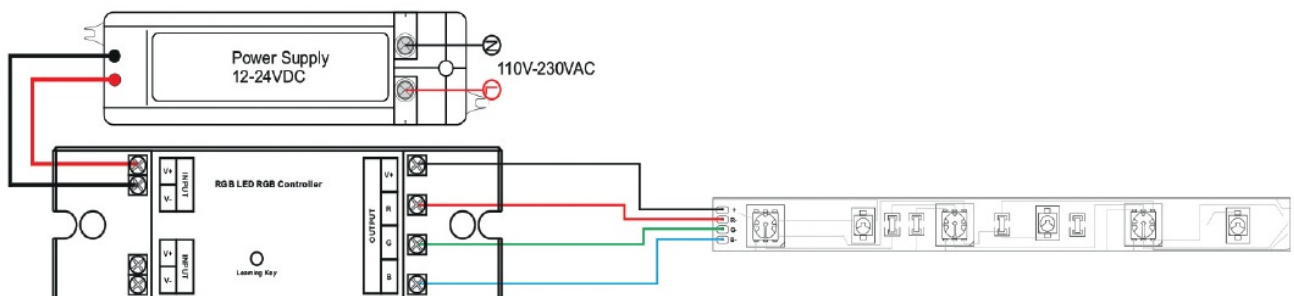
### Description of the remote buttons:



## Safety warnings

- To avoid installed the product in minefield, strong magnetic field and high voltage area.
- To ensure the wiring is correct and firm avoiding short circuit damages to components and cause fire.
- Please install the product in a well ventilated area to ensure appropriate temperature environment.
- 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.
- Connect the wire with the power on is forbidden. Ensure proper wiring first then check to ensure no short-circuit, then power on.
- Don't repair it by yourself whenever an error occur. Contact the supplier for any inquiry.

## Conjunction Diagram



## Remarks

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.

## Documents / Resources

<div data-bbox="138 237 233 241" data-label="Page-Header"> <p>LED RF Controller RGB Set - User Manual</p> </div> <div data-bbox="185 253 239 297" data-label="Image"> </div> <div data-bbox="138 315 180 318" data-label="Section-Header"> <p>1. Project Introduction</p> </div> <div data-bbox="138 320 272 331" data-label="Text"> <p>This document is a user manual for the LED RF Controller RGB Set, which is a wireless remote control system for RGB LED lights.</p> </div> <div data-bbox="138 336 186 340" data-label="Section-Header"> <p>2. Reference Parameter</p> </div> <div data-bbox="138 344 233 360" data-label="Table"> <table> <tr> <td>Control Voltage</td><td>DC 3-5V (Battery)</td></tr> <tr> <td>Control Frequency</td><td>433.92MHz / 433.91MHz</td></tr> <tr> <td>Control Range</td><td>100m (Line of Sight)</td></tr> <tr> <td>Control Mode</td><td>RF Remote</td></tr> </table> </div> <div data-bbox="138 365 233 380" data-label="Table"> <table> <tr> <td>Model</td><td>RGB-002-060</td></tr> <tr> <td>Model Number</td><td>RGB-002-060</td></tr> <tr> <td>Model Name</td><td>RGB-002-060</td></tr> </table> </div> <div data-bbox="138 385 180 389" data-label="Section-Header"> <p>3. Features</p> </div> <div data-bbox="138 392 272 441" data-label="List-Group"> <ul style="list-style-type: none"> <li>1. Compact and portable design.</li> <li>2. Easy to use and install.</li> <li>3. Wide range of color options (RGB).</li> <li>4. Remote control via RF signal.</li> <li>5. Easy to integrate with other systems.</li> <li>6. Easy to use and install.</li> <li>7. Easy to use and install.</li> <li>8. Easy to use and install.</li> <li>9. Easy to use and install.</li> <li>10. Easy to use and install.</li> </ul> </div>	Control Voltage	DC 3-5V (Battery)	Control Frequency	433.92MHz / 433.91MHz	Control Range	100m (Line of Sight)	Control Mode	RF Remote	Model	RGB-002-060	Model Number	RGB-002-060	Model Name	RGB-002-060	<div data-bbox="319 318 1168 336" data-label="Section-Header"> <h1> <a href="#">AUTLED LC-002-060 LED RF Controller RGB Set</a> [pdf] User Manual         </h1> </div> <div data-bbox="319 344 815 362" data-label="Section-Header"> <h2>             LC-002-060, LED RF Controller RGB Set         </h2> </div>
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