# LED RF Controller RGB Set - User Manual

Item No.: LC-002-060

## 1. Product Introduction

The remote and it's 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 |
| 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 |

## 3. Features

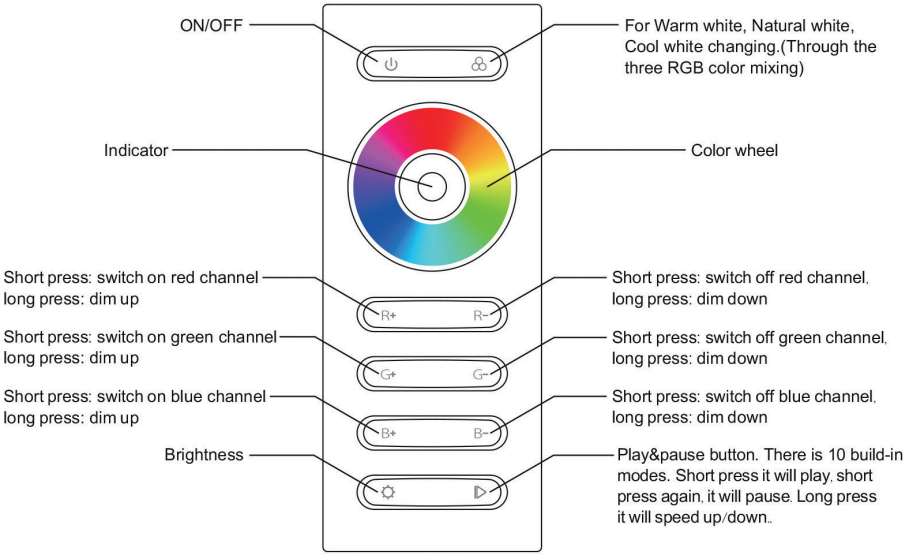
1. Power on and power off
2. Activate a desired colour by the colour wheel
3. Activation of fixed-stored colour gradients
4. Activation of 3 fixed stored RGB white colours
5. Dimming of desired colours and colour gradients
6. Speed changing and freeze of colour gradients
7. Switch on/off and dimming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

## 4. Operation Manual

4.1.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.

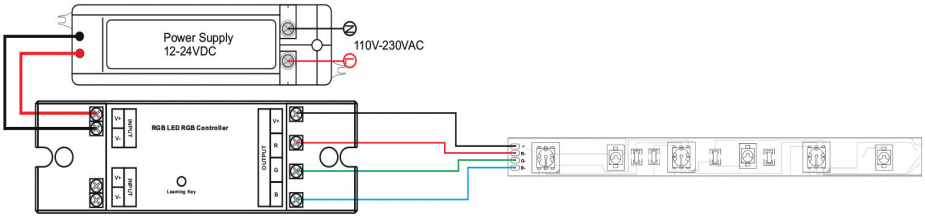
4.2. Description of the remote buttons:




## 5. Safety warnings

5.1. To avoid installed the product in minefield, strong magnetic field and high voltage area.
5.2. To ensure the wiring is correct and firm avoiding short circuit damages to components and cause fire.
5.3. Please install the product in a well ventilated area to ensure appropriate temperature environment.
5.4. 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.
5.5. Connect the wire with the power on is forbidden. Ensure proper wiring first then check to ensure no short-circuit, then power on.
5.6. Don't repair it by yourself whenever an error occur. Contact the supplier for any inquiry.

## 6. Conjuction Diagram




## 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.