

LED RF WiFi Controller RGBW - 6 Zone Remote



Remote: LC-012-006



Receiver: LC-012-004

1. Product Introduction

The LED RF WiFi RGBW remote controller has 6 different zones. It can get Red/ Green/ Blue/ White color directly. The remote controller can save up to 6 colors or 6 modes into corresponding buttons (1-6 positions) for each zone. You can choose any color through color wheel. you can set the system as RGB 3-channel output, or RGBW 4- channel output

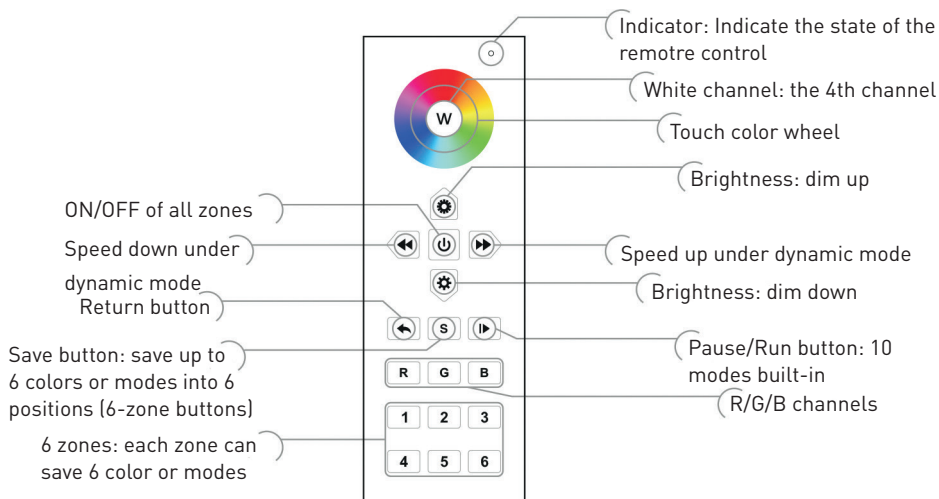
2. Performance Parameter

Remote LC-012-006:

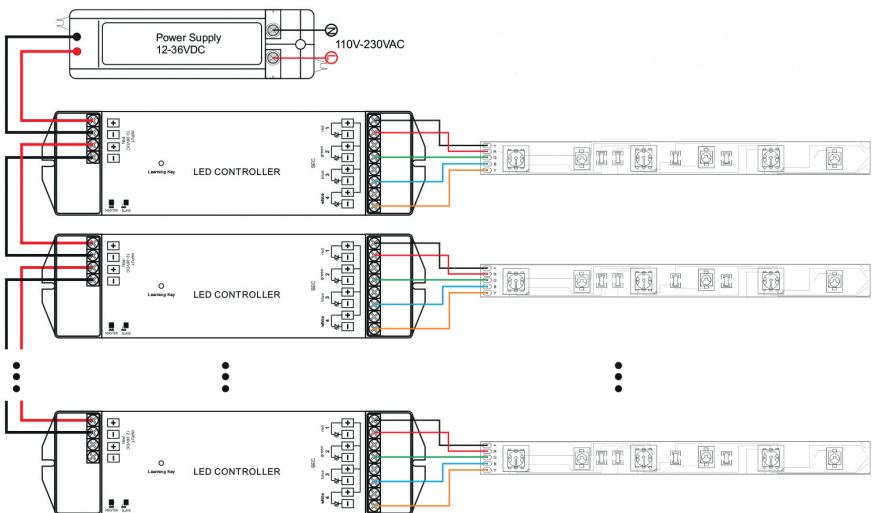
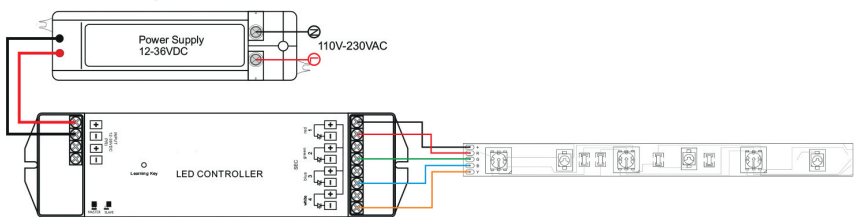
Operation Voltage: 4,5VDC Lithiumbattery, Operation Frequency: 434MHZ / 868 MHZ

**Important: With the remote control the receiver LC 012-004 can be controlled .
Thus, the receiver can be controlled by software and remote control.**

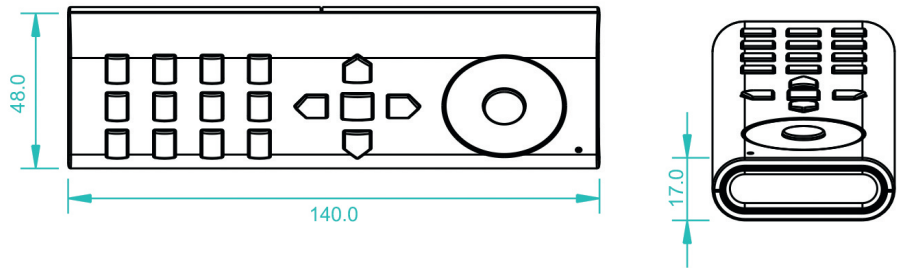
3. Brief Indoduction of Buttons



4. Wiring Diagram



5. Dimensions



6. Operation

1. Do Wiring according to connection diagram
2. Learning (Matching)
 - a. Wake up the remote control by touching ON/OFF button.
 - b. Press learning button on the receiver.
 - c. Touch any zone button on the remote control.
 - d. Then touch the color wheel.
 - e. Connected LED light will blink to confirm zone designation.
 - f. Press at learning button on the receiver over 5 seconds until LED light flash, then delete the learned ID.

Note 1: to choose a master from slaves by jumper for each zone.

Short circuit for the master mode.

open circuit for the slave mode.

Each zone only can set one master controller. After a period of time, the master will do synchronization operation to keep the same color or mode of all slaves in one zone.

3. RGBW Button


Touch **R G B W** button is to switch on/off of each corresponding color.

Hold your finger on **R G B W** button to dim brightness of each corresponding color.

There are total 8 levels of brightness.

Note: If you press R, then press G, then it is mix color of R and G. If you want to get G color directly, please press R to switch off of R first. Then press G.


4. Running/Pause Button

Press Pause/Run Button , mode will run. Press it once, it runs one mode. Press button again, it stops, then press one more time, it will enter next mode. There are total 10 build-in modes.


Pause/Run Button can work with S button , it can save modes into different zone.

Touch button



1	2	3
4	5	6

 one by one, such as press button 1,2,3,4,5,6, then press  button. Zone 1,2,3,4,5,6 will run synchronized mode, after long press, LED lighting will flash twice, they will switch to chasing running mode, long press again to switch back.



6. Return Button

Press the  Button to go to the previous color or to the previous color gradient.

7. Speed up and Speed down Button

Touch button  to speed down when mode is running, touch button  to speed up when mode is running.

8. Brightness down or up Button

Short/long press button  to dim down brightness of RGB channels, Short/long press  button to dim up RGB channels. „W” channel is separated from RGB channels, so we can only press button to dimming „W” channel.

9. How to save color into different position per zone ?

Press any zone button

1	2	3
4	5	6

 you want. Touch the color wheel  for select an ideal color or select R/G/(B/W color by press

R	G	B	W
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. Long press

S

 button (the blue indicator will be on) for saving. Choose

1	2	3
4	5	6

 position (any button to save color.

For example, press zone button 1, then touch color wheel for orange color, then press S button (the blue indicator will be on), then choose position button 3, That's to say, we save orange color from zone 1 into position 3.

So each zone can save 6 colors. 6 zones can save 36 colors.

10. How to save mode into different positoin per zone?

Press any zone button

1	2	3
4	5	6

 you want. Press button

▶

 for select an ideal mode. Press

S

 button (the blue indicator will be on) for saving. Choose

1	2	3
4	5	6

 position (any button) to save mode.

11. Recall

Choose zone number from

1	2	3
4	5	6

, then press

S

 button, and press the position number which color or mode saved into.

7. Safety warnings

1. The product shall be installed and serviced by a qualified person.
2. Please avoid directly sun and rain/wet conditions.
3. Always be sure to mount this unit in an area with proper ventilation to avoid overhaeting.
4. Please check if the output voltage of any LED power supplies used comply with the working voltage of the product.
5. Never connect any cables while power is on and always assure correct connections to avoid short circuits before switching on.
6. Please ensure that the cable is secured tightly in the connector.
7. For update information ploease consult your supplier.