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SuperLightingLED Ultrathin RGB/RGBW RF Remote Controller Owner's Manual

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OWNER'S MANUAL

RF RGB/RGBW

Ultrathin RGB/RGBW RF Remote Controller

- Apply to RGB or RGBW LED controller.
- Each remote can match one or more receiver.
- CR2032 battery powered.
- Operate with LED indicator light.
- White & Black available.

1 zone RGB or RGBW / 27 key / Wireless remote 30m distance / CR2032 battery

Technical Parameters

Input and Output

- Output signal: RF(2.4GHz)
- Working voltage: 3VDC(CR2032)
- Working current: <5mA
- Standby current: <2µA
- Standby time: 1 year
- Remote distance: 30m(Barrier-free space)

Safety and EMC

- EMC standard (EMC): ETSI EN 301 489-1 V2.2.3 ; ETSI EN 301 489-17 V3.2.4
- Safety standard: EN 62368-1:2020+A11:2020
- Radio Equipment(RED): ETSI EN 300 328 V2.2.2
- CertiFIcation: CE,EMC,RED

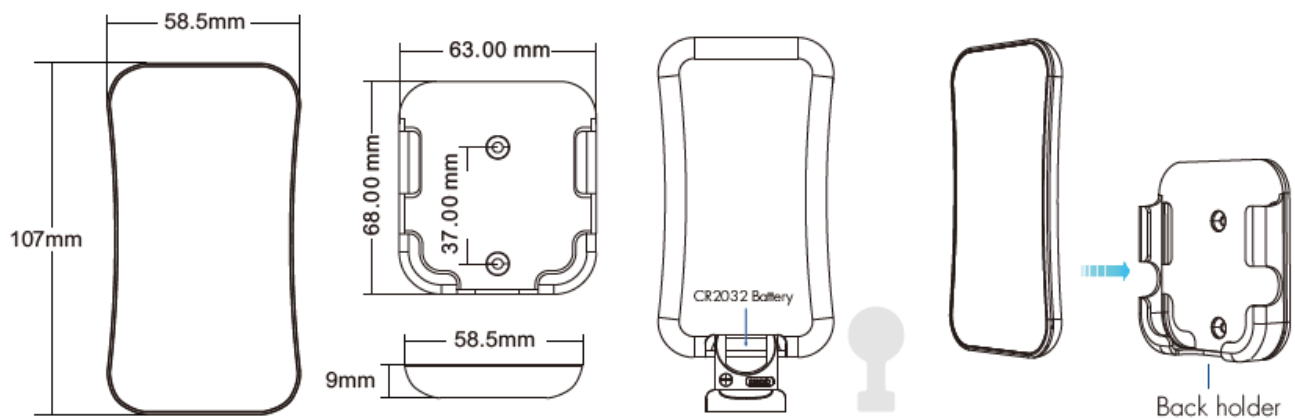**Environment**

- Operation temperature: Ta: -30 OC ~ +55 OC

Package

- Size: L114 x W65 x H20mm
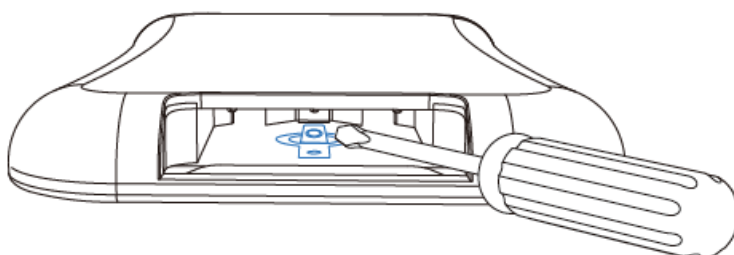- Gross weight: 0.058kg

Warranty

Warranty: 3 years

Mechanical Structures and Installations

To fix the remote, two options are offered for selection:

Option 1: fix the remote' back holder on the wall with two screws.
Option 2: adhere the remote' back holder to the wall with paster.

Note:
1. Before the first use, please remove the protective film on the battery.
2. If the LED indicator is not on when press key, it is due to dead battery or bad contact caused by multiple plugging, please replace the battery, or raise the battery shrapnel with a screwdriver.

Match Remote Control (two match ways)

End user can choose the suitable match/delete ways. Two options are offered for selection:

Use the controller's Match key

Match:
Short press match key, immediately press on/off key on the remote.
The LED indicator fast flash a few times means match is successful.

Delete:
Press and hold match key for 5s to delete all match,
The LED indicator fast flash a few times means all matched remotes were deleted.

Use Power Restart

Match:
Switch off the power, then switch on power, repeat again.
Immediately short press on/off key 3 times on the remote.
The light blinks 3 times means match is successful.

Delete:
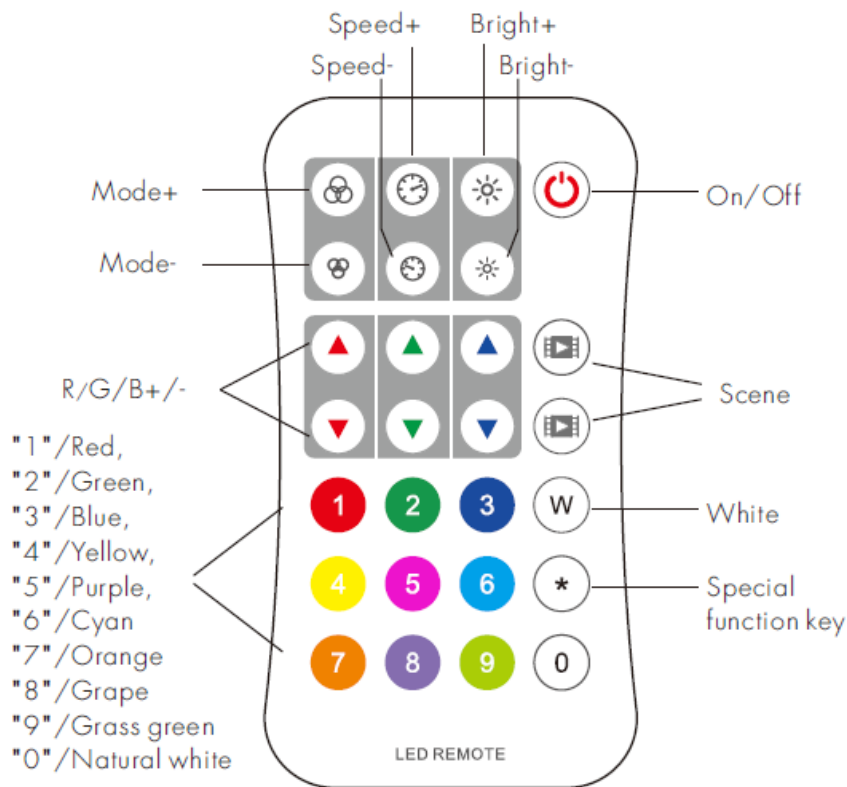Switch off the power, then switch on power, repeat again.
Immediately short press on/off key 5 times on the remote.
The light blinks 5 times means all matched remotes were deleted.

Key function

Pull out the plastic battery barrier sheet from the battery compartment located on the bottom of the remote before key operation.

Mode+/-: Short press switch dynamic mode built in controller, long press 2s Mode+ run mode cycle, long press 2s Mode- run the first mode.

Default 32 dynamic modes, long press the Mode+ key for 2s will automatically get the current number of dynamic modes of the controller.

Speed+/-: Adjust dynamic mode speed, short press 10 levels, long press 2s get the fastest / slowest speed.

Bright+/-: Adjust brightness, short press 10 levels, long press 1-6s for continuous 256 levels adjustment.

R/G/B+/-: Adjust R/G/B brightness respectively, short press 10 levels, long press 1-6s for continuous 256 levels adjustment to achieve millions of colors.

White: Adjust white color, for RGB light, short press turn on/off white(RGB mix), long press 1-6s adjust saturation continuously.

For RGBW light, press W key will adjust W channel brightness.

Short press turn on/off W channel, long press 1-6s adjust W channel brightness continuously.

Scene: Short press recall the scene, long press 2s save the current color into the scene.

The LED indicator will light up longer when save OK.

Use controller remote set SPI digital LED strip length, chip type and RGB order

● Set LED strip length [Pixel number(8~1024)]. * + 3 number + * for example:

032 set pixel number to 32.

600 set pixel number to 600.

1024 set pixel number to 1024.

● Set LED strip chip type. * + 2 number + *

11 TM1803

12 TM1809, TM1804, TM1812, UCS1903, UCS1909, UCS1912, SK6813, UCS2903, UCS2909, UCS2912, WS2811, WS2812, WS2813, WS2815, SM16703P

13 TM1829
14 TLS3001, TLS3002
15 GW6205
16 MBI6120
17 TM1814B(RGBW)
18 SK6812(RGBW), WS2813(RGBW), WS2814(RGBW)
19 UCS8904B(RGBW)
21 LPD6803, LPD1101, D705, UCS6909, UCS6912
22 LPD8803, LPD8806
23 WS2801, WS2803
24 P9813
25 SK9822
31 TM1914A
32 GS8206,GS8208
33 UCS2904
34 SM16804
35 SM16825
36 SM16714(RGBW)
37 UCS5603
38 UCS2603
39 SM16714D
41 UCS7604(RGBW)
42 UCS7804(RGBW)
● Set LED strip RGB order. * + 1 number + *
1 RGB, *2* RBG, *3* GRB, *4* GBR, *5* BRG, *6* BGR.
● Set RGBW LED strip RGB and W order.
7 W after RGB
9 W before RGB
Example: *1* + *7* set RGBW order, *1* + *9* set WRGB order.

Safety information

1. Read all instructions carefully before you begin this installation.
2. When installing battery, pay attention to the battery positive and negative polarity.
A long time without the remote control, remove the battery.
When remote distance becomes smaller and insensitive, replace the battery.
3. If no response from the receiver, please re-match the remote.
4. Gently handle remote, beware of falling.
5. For indoor and dry location use only.

Specifications:

- Model: 069221 dimLED OVS SPI RGBW

- Type: Ultrathin RGB/RGBW RF Remote Controller

- Compatibility: Apply to RGB or RGBW LED controller

- Power Source: CR2032 battery

- Indicator: LED indicator light

- Color Options: White & Black

- Signal: RF(2.4GHz)

- Working Voltage: 3VDC

Product Usage Instructions:

1. Ensure the CR2032 battery is properly inserted.
2. Match the remote with the LED controller by following the pairing instructions in the user manual.
3. Use the remote to control the RGB or RGBW LED lights according to your preferences.
4. Operate the remote within the specified remote distance for optimal performance.
5. Monitor the LED indicator light to track the status of the remote and connected lights.

FAQ:

Q: How do I pair the remote with the LED controller?

A: To pair the remote with the LED controller, press and hold the pairing button on both devices until they sync up.
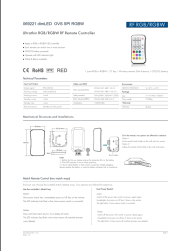
Q: What should I do if the remote stops working?

A: Check the battery level and replace it if necessary. Also, ensure there are no obstructions blocking the signal between the remote and the LED controller.

Q: Can I use one remote with multiple LED controllers?

A: Yes, each remote can be paired with one or more receivers, allowing you to control multiple LED controllers with a single remote.

Documents / Resources

SuperLightingLED Ultrathin RGB/RGBW RF Remote Controller [pdf] Owner's Manual 069221, Ultrathin RGB RGBW RF Remote Controller, RGB RGBW RF Remote Controller, RGBW RF Remote Controller, RF Remote Controller, Remote Controller, Controller

References

- **User Manual**