Ultrathin RGB/RGBW RF Remote Controller

Model No.: R9

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

Features

- 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.

CE RoHS emc RED

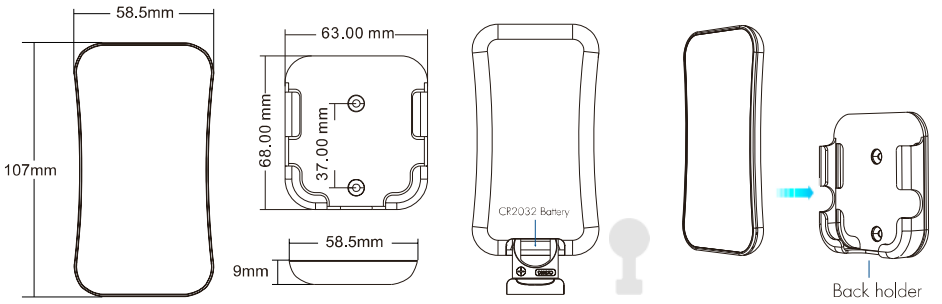
Technical Parameters

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

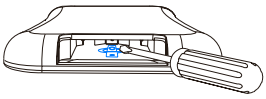
Environment	
Operation temperature	Ta: -30°C ~ +55°C
Package	
Size	L114 x W65 x H20mm
Gross weight	0.058kg
Warranty	
Warranty	5 years

Mechanical Structures and Installations



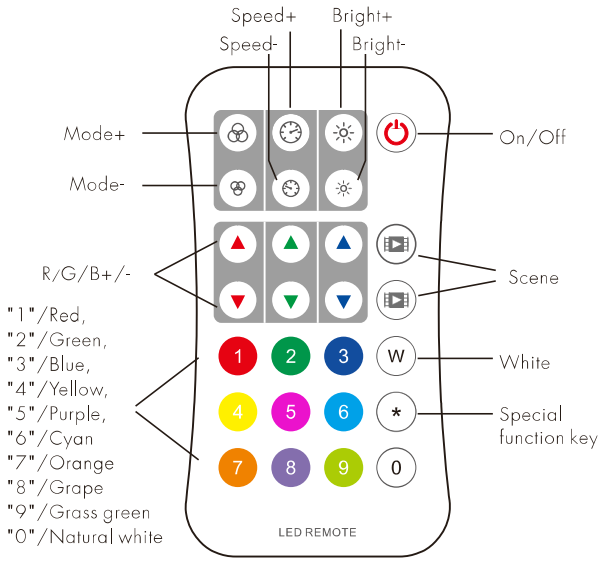
To fix the remote, two options are offered for selection:
Option 1:
fix the remote' back holder on the wall with two screws.
Option 2:
adhere the remote' back holder to the wall with paster.

Note: 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.



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.
The remote is default 10 dynamic mode, when match with SPI controller which have 32 dynamic mode, please long press 2s Mode+ key firstly.
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 R9 remote set SPI digital LED strip

- 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
- Set LED strip RGB order. * + 1 number + *
  1: RGB, *2*: RBG, *3*: GRB, *4*: GBR, *5*: BRG, *6*: BGR.

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.

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.