

Features

- Apply to single color, dual color or RGB/RGBW LED controller.
- Each remote can match one or more receiver.
- CR2032 battery powered.
- Operate with LED indicator light.



RM1  
1 Zone Dimming



RM2  
1 Zone CCT

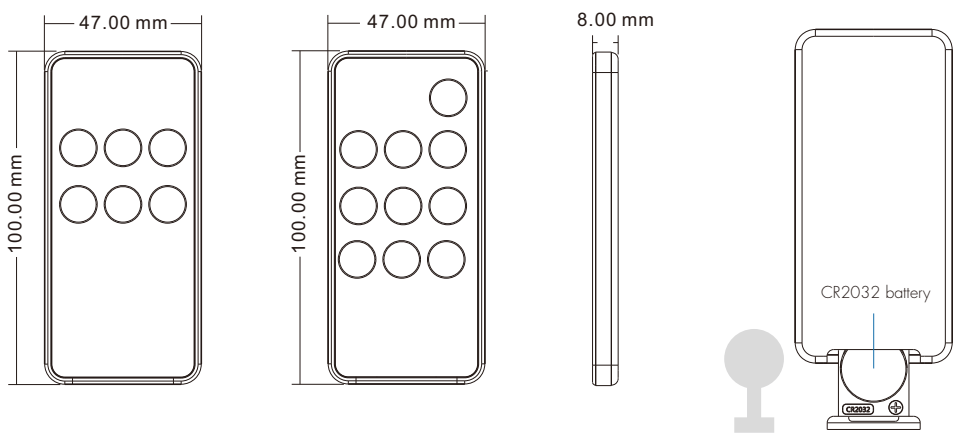


RM3  
1 Zone RGB/RGBW

Technical Parameters

Input and Output		Environment		Safety and EMC	
Output signal	RF(2.4GHz)	Operation temperature	Ta: -30℃ ~ +55℃	EMC standard (EMC)	ETSI EN 301 489-1 V2.2.3 ETSI EN 301 489-17 V3.2.4
Working voltage	3VDC(CR2032)	IP rating	IP20	Safety standard	EN 61348-1:2015+A1:2021 EN 61348-2-13:2014+A1:2017
Working current	<5mA	Packing	Size of the box L104 x M50 x H12mm	Radio Equipment (RED)	ETSI EN 300 328 V2.2.2
Standby current	<2μA			Certification	CE, EMC, RED
Standby time	2 years	Gross weight	0.040kg	Warranty	5 years
Remote distance	30m(Barrier-free space)				

Dmension



**Note:** Before the first use, please remove the protective film on the battery.

Match Remote Control (two match ways)

End user can choose the suitable match/delete ways. There are two options 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.

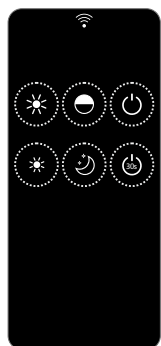
Use Power Restart

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.

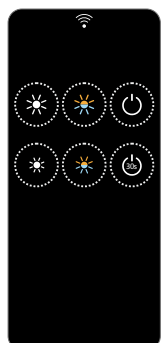
## Key Function

### ● RM1 1 zone dimming remote



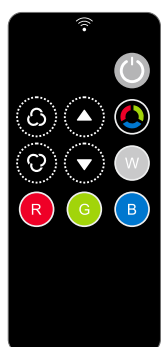
- On/Off
- Turn off light after 30s, long press 2s will turn off light after 60s.
- 50% brightness
- 10% brightness for small night light
- Brightness+/-: Short press 10 levels, long press 1-6s for continuous 256 levels adjustment.

### ● RM2 1 zone CCT remote



- On/Off
- Turn off light after 30s, long press 2s will turn off light after 60s.
- Color temperature +/Color temperature -: Short press 11 levels, long press 1-6s for continuous 256 levels adjustment.
- Brightness+/Brightness-: Short press 10 levels, long press 1-6s for continuous 256 levels adjustment.

### ● RM3 1 zone RGB/RGBW remote



- On/Off: Turn on/off light.
- Color: Short press get 24 kinds static RGB color, long press for continuous static color adjustment.  

Color	R (%)	G (%)	B (%)
1	100	0	0
2	80	20	0
3	60	40	0
4	40	60	0
5	20	80	0
6	0	100	0
7	0	80	20
8	0	60	40
9	0	40	60
10	0	20	80
11	0	0	100
12	20	0	80
13	40	0	60
14	60	0	40
15	80	0	20
16	100	0	0
17	80	20	0
18	60	40	0
19	40	60	0
20	20	80	0
21	0	100	0
22	0	80	20
23	0	60	40
24	0	40	60
- Mode+: Short press run the next dynamic mode, long press 2s run mode cycle.
- Mode -: Short press run the previous dynamic mode, long press 2s run the first mode.
- Bright/Speed+: For static RGB color, increase brightness, short press 10 levels, long press 1-6s for continuous 256 levels adjustment.  
For dynamic mode, increase speed, short press 10 levels, long press get the fastest speed.
- Bright/Speed -: For static RGB color, decrease brightness, short press 10 levels, long press 1-6s for continuous 256 levels adjustment.  
For dynamic mode, decrease speed, short press 10 levels, long press get the slowest speed.
- R/G/B: Short press get red green or blue color directly, long press 1-6s adjust R/G/B brightness continuously to achieve millions of colors.
- White light: In RGB color light and W white light can be lit at the same time mode, For RGB light, short press to turn on/off white light (RGB mixed), long press for 1-6s to adjust the color saturation continuously. That is, the current static RGB color slowly changes to RGB mixed white.  
For RGBW light, short press to turn on/off white light, long press 1-6s to adjust white light brightness by 256 levels continuously. In RGB color light and W white light cannot be lit at the same time mode, For RGB light, short press to get white light (RGB mixed).  
For RGBW light, short press to turn on white light (RGB color light auto off), long press 1-6s to adjust white light brightness by 256 levels continuously.

**Note:** The RGBW remote control can be set to two working modes:

1. RGB color light and W white light can be lit at the same time; 2. RGB color light and W white light cannot be lit at the same time (factory default).

Long press the key and the key at the same time for 2 seconds, switch two working modes.

When the indicator light blinks 2 times, it is set to the mode that RGB color light and W white light can be lit at the same time;

when the indicator light blinks 4 times, it is set to the mode that RGB color light and W white light cannot be lit at the same time.

## 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.