

6-Key RF Remote Controller

Model No.: RM1, RM2, RM3

Wireless remote 30m distance / CR2032 battery

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



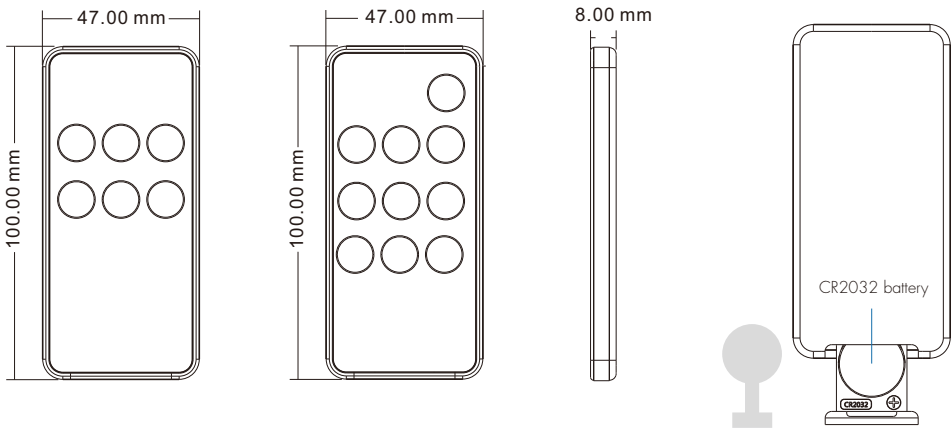
RM3
1 Zone RGB/RGBW

CE RoHS RED

Technical Parameters

Input and Output		Safety and EMC		Environment	
Output signal	RF(2.4GHz)	EMC standard (EMC)	ETSI EN 301 489-1 V2.2.3	Operation temperature	Ta: -30°C ~ +55°C
Working voltage	3VDC(CR2032)		ETSI EN 301 489-17 V3.2.4	IP rating	IP20
Working current	<5mA	Safety standard	EN 62368-1:2020+A11:2020	Packing	
Standby current	<2μA	Radio Equipment (RED)	ETSI EN 300 328 V2.2.2	Size of the box	L104 x M50 x H12mm
Standby time	2 years	Certification	CE,EMC,RED	Gross weight	0.040kg
Remote distance	30m(Barrier-free space)	Warranty	5 years		

Dimension



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.

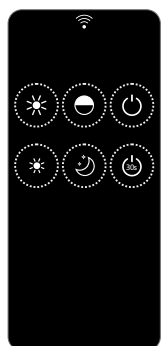
Use Power Restart

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.

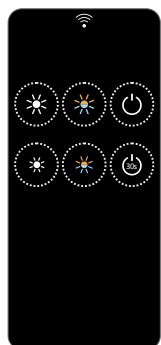
Key function

• RM1 1 zone dimming remote



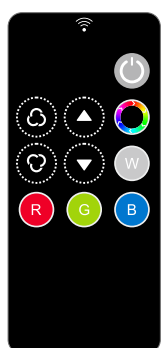
- On/Off
- Turn off light after 30s, long press 2s will turn off light after 60s.
- 50% brightness
- 10% brightness for small night light
- Brightness+
- Brightness-
- Brightness+/-:**
Short press 10 levels, long press 1-6s for continuous 256 levels adjustment.

• 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 -
- Brightness+
- Brightness-
- Color temperature+/-:**
Short press 11 levels, long press 1-6s for continuous 256 levels adjustment.
- 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	83%	17%	0%
3	67%	33%	0%
4	50%	50%	0%
5	33%	67%	0%
6	17%	83%	0%
7	0%	100%	0%
8	0%	83%	17%
9	0%	67%	33%
10	0%	50%	50%
11	0%	33%	67%
12	0%	17%	83%
13	0%	0%	100%
14	17%	0%	83%
15	33%	0%	67%
16	50%	0%	50%
17	67%	0%	33%
18	83%	0%	17%
19	100%	0%	0%
20	83%	17%	0%
21	67%	33%	0%
22	50%	50%	0%
23	33%	67%	0%
24	17%	83%	0%
- 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.
- W+/-:** For RGB light, short press turn on/off white(RGB mix),
long press 1-6s adjust saturation continuously namely change current static RGB color to mixed white slowly.
For RGBW light, short press turn on/off W channel, long press 1-6s adjust W brightness continuously.

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.