

6-Key RF Remote Controller

Model No.: RM1,RM2,RM3

Wireless remote 30m distance / CR2032 battery

Features

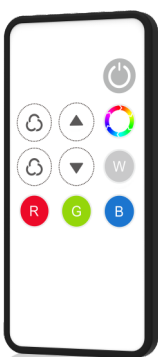
- Apply to single color, dual color or RGB/RGBW LED controller.
- Each remote can match one or more receiver.
- CR2032 battery powered.
- Operate with LED indicator light.



RM1
1 Zone Dimming



RM2
1 Zone CCT



RM3
1 Zone RGB/RGBW

CE RoHS EMC LVDRED

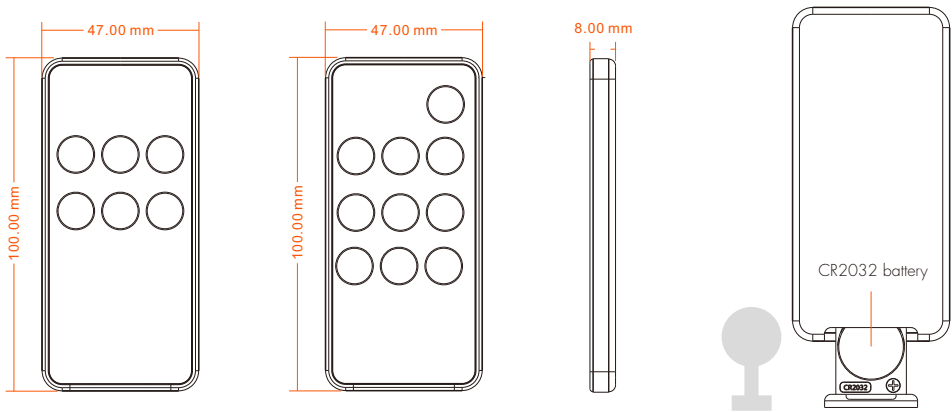
Technical Parameters

Input and Output	
Output signal	RF(2.4GHz)
Working voltage	3VDC(CR2032)
Working current	< 5mA
Standby current	< 2μA
Standby time	2 years
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 (LVD)	EN 62368-1:2020+A11:2020
Radio Equipment (RED)	ETSI EN 300 328 V2.2.2
Certification	CE,EMC,LVD,RED
Warranty	5 years

Environment	
Operation temperature	Ta: -30℃ ~ +55℃
IP rating	IP20
Packing	
Size of the box	L104 x M50 x H12(mm)
Gross weight	0.040kg

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+

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	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.

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.