RF DIM/CCT/RGB/RGBW/RGB+CCT

RV1, RV2, RV3, RVF
5-button RF remote control
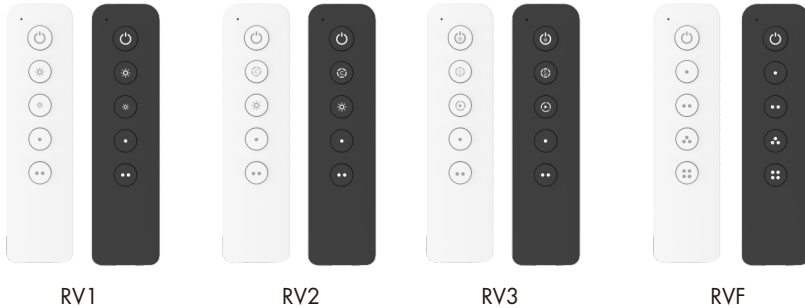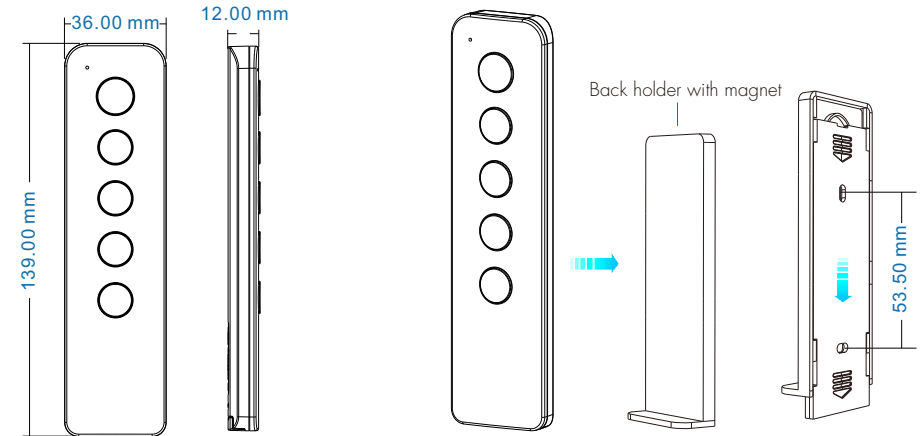

RV1 RV2 RV3 RVF

CE RoHS

Features

● For use with single color, color temperature, RGB, RGBW or RGB+CCT RF LED controller.

● Each remote can match one or more controller.

● CR2032 battery powered.

● Operate with LED indicator light.

● Magnet on the back which can be stuck on back holder or other metal surfaces.

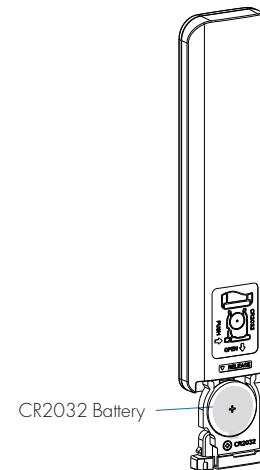● White/black available.

Technical Parameters

Input and Output		Environment		Safety and EMC	
Output signal	RF(2.4Ghz)	Operation temperature	Ta: -30°C ~ +50°C	Safety standard	EN IEC 55015/ EN IEC 61547 ETSI EN 301 489-1/-3
Working voltage	3VDC(CR2032)	**Package**			
Working current	<5mA	Size	L156 x W48 x H22mm	EMC standard	EN 61347-1/-2 EN 62493
Standby current	<2µA	Gross weight	0.077kg		
Standby time	1 year	**Warranty**		Radio Equipment	ETSI EN 300 440
Remote distance	30m(Barrier-free space)	Warranty	5 years	Certication	CE RoHS

Mechanical Structures and Installations

36.00 mm 12.00 mm 139.00 mm 53.50 mm

Back holder with magnet

CR2032 Battery

To fix the remote, three options are offered for selection:
Option 1: Can be adsorbed directly onto metal surfaces.
Option 2: Fix the remote' back holder on the wall with two screws.
Option 3: 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 screw driver.

Match Remote Control (two match ways)

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

Use the remote's match key

Match:
Short press match key,
immediately press on/off key (single zone 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 of the controller, then switch on power,
repeat again.
Immediately short press on/off key (single zone remote)
3 times on the remote.
The light blinks 3 times means match is successful.

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

Note: When set to a 2-zone remote, you need to use the zone key on the remote for matching or deleting operations.

Key Function

● RV1 dimming remote

RV1 remote can be set as single zone remote (default) or 2-zone remote.
Long press ⏻ key and ⦁ key for 2s, set as single zone remote, the red indicator blinks 1 time.
Long press ⏻ key and ⦁⦁ key for 2s, set as 2-zone remote, the red indicator blinks 2 times.
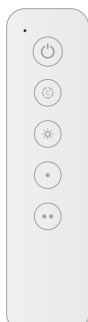
⏻ : Turn on /off light.

☀ : Brightness increase, short press 10 levels, long press brightness increases continuously.

☀ : Brightness decrease, short press 10 levels, long press brightness decreases continuously.

⦁ : For single zone remote, short press to call up the scene,
⦁⦁ long press for 5s to save the current brightness to scene 1/2 respectively,
the LED indicator shows green when save successfully.
For 2-zone remote, turn on/off the zone 1/2 lights.

● RV2 CCT remote

RV2 remote can be set as single zone remote (default) or 2-zone remote.
Long press ⏻ key and ⦁ key for 2s, set as single zone remote, the red indicator blinks 1 time.
Long press ⏻ key and ⦁⦁ key for 2s, set as 2-zone remote, the red indicator blinks 2 times.
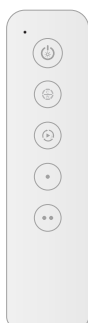
⏻ : Turn on /off light.

⊙ : Short press to switch five color temperatures (warm white - natural white - cool white) in sequence,
long press 1-6s to adjust color temperature continuously.

☀ : Short press to switch five brightness (10%, 25%, 50%, 75%, 100%),
long press 1-6s to adjust brightness continuously.

⦁ : For single zone remote, short press to call up the scene,
⦁⦁ long press for 5s to save the current color temperature and brightness to scene 1/2 respectively,
the LED indicator shows green when save successfully.
For 2-zone remote, turn on/off the zone 1/2 lights.

● RV3 RGB/RGBW/RGB+CCT remote

RV3 remote can be set as single zone RGB/RGBW/RGB+CCT remote (default RGBW remote).
Long press ⏻ key and ⊙ key for 2s, set as single zone RGB remote, the red indicator blinks 3 times.
Long press ⏻ key and ⊙ key for 2s, set as single zone RGBW remote, the red indicator blinks 4 times.
Long press ⏻ key and ⦁ key for 2s, set as single zone RGB+CCT remote, the red indicator blinks 5 times.
Long press ⏻ key and ⦁⦁ key for 2s again, set single-zone remote to 2-zone remote with same light type,
the red indicator blinks 2 times.

⏻ : For single zone remote, short press to turn on/off the light,
and long press for 1-6s to adjust the brightness continuously.
For 2-zone remote, short press to turn on/off all zone lights.

⊕ : For RGB light type, short press to switch color light (RGB) or mixed white light (50% saturation),
long press to adjust color or saturation continuously.
For RGBW light type, short press to switch color light (RGB) or white light (W),
long press to continuously adjust color or white brightness.
For RGB+CCT light type, short press to switch color light (RGB) or color temperature light(CCT),
long press to adjust color or color temperature continuously.

⊙ : Short press to switch dynamic modes sequentially,
long press for 2s to switch 5 level speeds sequentially.

⦁ : For single zone remote, short press to call up the scene,
⦁⦁ long press for 5s to save the current light color to scene 1/2 respectively,
the LED indicator shows green when save successfully.
For 2-zone remote, short press to turn on/off the zone 1/2 light,
long press for 1-6s to adjust the zone 1/2 brightness continuously .

● RVF 4-Scene / 4-Zone Remote

RVF remote can be set as 4-scene remote or 4-zone remote (default).
Long press ⏻ key and ⦁ key for 2s, set as 4-scene remote, the red indicator blinks 1 time.
Long press ⏻ key and ⦙⦙ key for 2s, set as 4-zone remote, the red indicator blinks 4 times.

⏻ : Turn on/off all light.

⦁ : Scene 1 / Zone 1

⦁⦁ : Scene 2 / Zone 2

∴ : Scene 3 / Zone 3

⦙⦙ : Scene 4 / Zone 4

For 4-scene remote: short press to call out the scene (without long press to save the scene function).
For 4-zone remote: short press to turn on/off the zone light, long press to adjust the zone light brightness.

Safety Information

1. Read all instructions carefully before you begin this installation.
2. 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.
6. Remove and immediately recycle or dispose of used batteries according to local regulations and keep away from children.
   Do NOT dispose of batteries in household trash or incinerate.
7. Even used batteries may cause severe injury or death.
8. Call a local poison control center for treatment information.
9. Compatible battery type is CR2032 and the nominal battery voltage is 3V.
10. Non-rechargeable batteries are not to be recharged.
11. Do not force discharge, recharge, disassemble, heat above 55 ℃ or incinerate.
    Doing so may result in injury due to venting, leakage or explosion resulting in chemical burns.
12. Ensure the batteries are installed correctly according to polarity (+ and -).
13. Do not mix old and new batteries, different brands or types of batteries, such as alkaline, carbon-zinc, or rechargeable batteries.
14. Remove and immediately recycle or dispose of batteries from equipment not used for an extended period of time
    according to local regulations.
15. Always completely secure the battery compartment.
    If the battery compartment does not close securely, stop using the product,
    remove the batteries, and keep them away from children.