10-Key RF Remote Controller

Model No.: R1/R2/RU4/RU8

1,4,8 zone dimming/10-key/Wireless remote 30m distance/CR2032 battery/Magnet stuck fix

R1
1 Zone Dimming

R2
1 Zone CCT

RU4
4 Zone Dimming

RU8
8 Zone Dimming

CE RoHS emc LVD RED

Features

● Apply to single color or dual color LED controller.
● Each remote can match one or more receiver.
● CR2032 battery powered.
● Operate with LED indicator light.
● Magnet on the back which can be easily stuck on back holder or any metal surfaces.

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)

Environment	
Operation temperature	Ta:-30℃~+55℃
IP rating	IP20

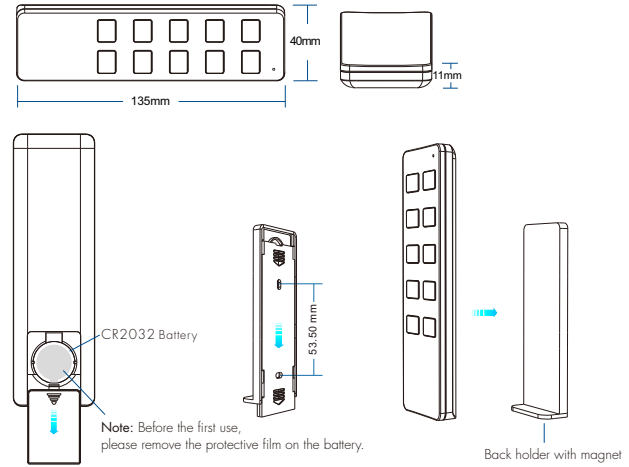| Safety and EMC	
EMC standard (EMC)	ETSI EN 301 489-1 V2.2.3 ETSI EN 301 489-17 V3.2.4
Safety standard(LVD)	EN 62368-1:2020+A11:2020
Radio Equipment(RED)	ETSI EN 300 328 V2.2.2
Certification	CE,EMC,LVD,RED

Warranty	
Warranty	5 years

Weight	
Net weight	0.040kg
Gross weight	0.064kg

Mechanical Structures and Installations

40mm

135mm

11mm

CR2032 Battery

53.50mm

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

Back holder with magnet

To fix the remote, three options are offered for selection:
Option 1: stuck the remote on any metal surfaces directly.
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.

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 (single zone remote) or zone key (multiple zone remote) 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.
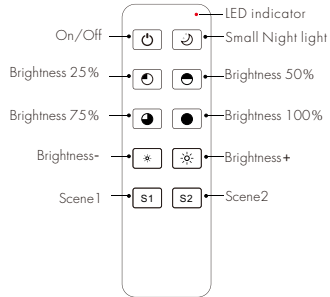
Use Power Restart

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

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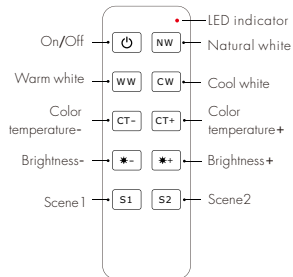The light blinks 5 times means all matched remotes were deleted.

Key function

● R1   1 zone dimming remote

LED indicator
On/Off — Small Night light
Brightness 25% — Brightness 50%
Brightness 75% — Brightness 100%
Brightness- — Brightness+
Scene1 — Scene2

Brightness+/-:
Short press 10 levels,
long press 1-6s for continuous 256 levels adjustment.
Scene 1/2:
Brightness memory.
Short press recall the scene,
long press 2s save the current brightness into the scene.
the LED indicator will light up longer when save OK.

● R2   1 zone CCT remote

LED indicator
On/Off — Natural white
Warm white — Cool white
Color temperature- — Color temperature+
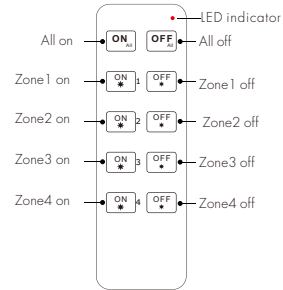Brightness- — Brightness+
Scene1 — Scene2

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.
Scene 1/2:
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.

● RU4   4 zone dimming remote

LED indicator
All on — All off
Zone1 on — Zone1 off
Zone2 on — Zone2 off
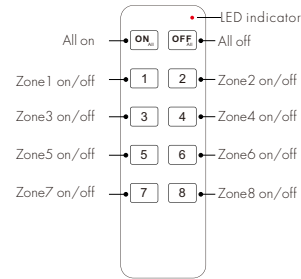Zone3 on — Zone3 off
Zone4 on — Zone4 off

All on: Turn on all 4 zone light.
All off: Turn off all 4 zone light.

Zone 1-4 on:
Short press turn on zone light,
long press 1-6s increase brightness continuously.

Zone 1-4 off:
Short press turn off zone light,
long press 1-6s decrease brightness continuously.

● RU8   8 zone dimming remote

LED indicator
All on — All off
Zone1 on/off — Zone2 on/off
Zone3 on/off — Zone4 on/off
Zone5 on/off — Zone6 on/off
Zone7 on/off — Zone8 on/off

All on: Turn on all 8 zone light.
All off: Turn off all 8 zone light.
Zone 1-8 on/off:
Short press turn on/off zone light,
long press 1-6s increase or decrease 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.