4 Zone Dimiming and CCT RF Remote Controller

Model No.: RA1, RA2

4 zone/16 key/Wireless remote 30m distance/AAA x 2 battery

RA1
4 zone dimming

RA2
4 zone CCT

CE RoHS emc LVD RED

Features

● Apply to single color or dual color LED controller.
● Each remote can match one or more receiver.
● AAAx2 battery powered.
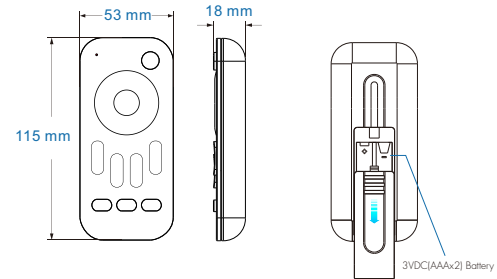● Operate with LED indicator light.

Technical Parameters

Input and Output	
Output signal	RF(2.4GHz)
Working voltage	3VDC(AAAx2)
Working current	< 5mA
Standby current	< 2μA
Standby time	2 year
Remote distance	30m(Barrier-free space)

Warranty	
Warranty	5 years

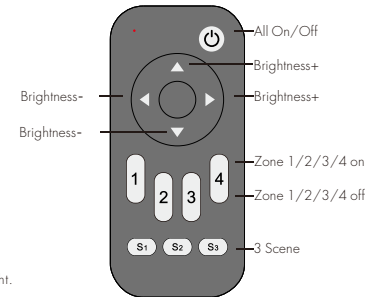| Safety and EMC	
EMC standard (EMC)	ETSI EN 301 489-1 V2.2.3 ETSI EN 301 489-17 V3.2.4
Safety standard(LVD)	EN 62368-1:2020+A11:2020
Radio Equipment(RED)	ETSI EN 300 328 V2.2.2
Certification	CE,EMC,LVD,RED

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

Mechanical Structures and Installations

53 mm
18 mm
115 mm

3VDC(AAAx2) Battery

Key function

● **RA1 4 zone dimming remote**

All On/Off
Brightness+
Brightness-
Brightness+
Brightness-
Brightness-
Zone 1/2/3/4 on
Zone 1/2/3/4 off
3 Scene

All on/off:
Turn on/off all 4 zone light.
Zone 1/2/3/4 on/off:
Turn on/off zone light, at the same time, select current zone.
Short press multiple zone on key fastly, will select multiple zone synchronously.
Brightness+/-:
Adjust current selected zone brightness.
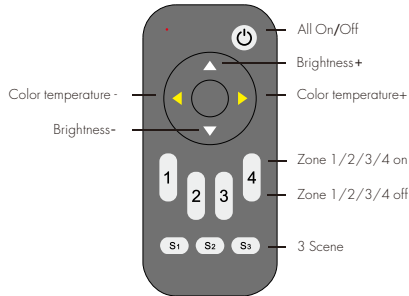Short press 10 levels, long press 1-6s for continuous 256 levels adjustment.
Scene 1/2/3:
Short press recall the scene, long press 2s save current state into S1/2/3.
the LED indicator will light up longer when save OK.
4 zone recall or save synchronously.

● RA2 4 zone CCT remote

All On/Off

Brightness+

Color temperature -

Color temperature+

Brightness-

Zone 1/2/3/4 on

Zone 1/2/3/4 off

3 Scene

All on/off:

Turn on/off all 4 zone light.

Zone 1/2/3/4 on/off:

Turn on/off zone light, at the same time, select current zone.

Short press multiple zone on key fastly, will select multiple zone synchronously.

Brightness+/-:

Adjust current selected zone brightness.

Short press 10 levels, long press 1-6s for continuous 256 levels adjustment.

Color temperature+/-:

Adjust current selected zone color temperature.

Short press 11 levels, long press 1-6s for continuous 256 levels adjustment.

1		11
Warm White		Cool White
WW 100%		WW 0%
CW 0%		CW 100%

Scene 1/2/3:

Short press recall the scene, long press 2s save current state into S1/2/3.

the LED indicator will light up longer when save OK.

4 zone recall or save synchronously.

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 zone on 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 zone on 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 zone on key 5 times on the remote.

The light blinks 5 times means all matched remotes were deleted.

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.