

## 4 Zone Dimming 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

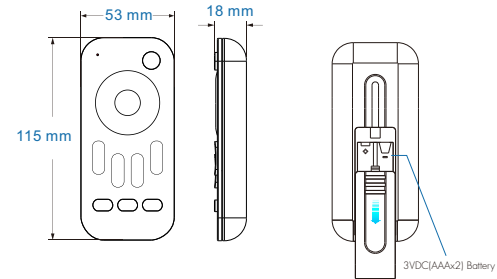
Input and Output	
Output signal	RF(2.4GHz)
Working voltage	3VDC(AAAx2)
Working current	< 5mA
Standby current	< 2μA
Standby time	2 year
Remote distance	30m(Barrier-free space)

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

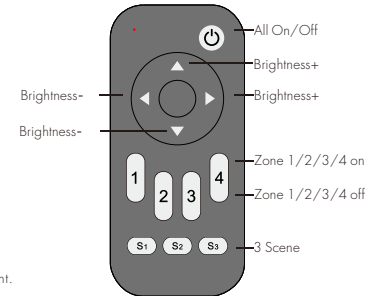
Environment	
Operation temperature	Ta: -30°C ~ +55°C
IP rating	IP20

### Mechanical Structures and Installations



### Key function

#### • RA1 4 zone dimming remote



#### 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.

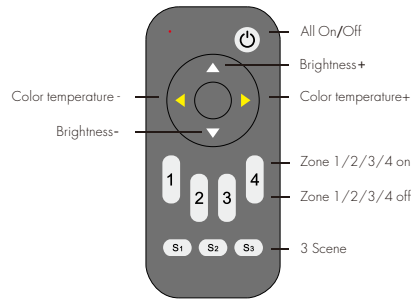
Short press 10 levels, long press 1-6s for continuous 256 levels adjustment.

#### 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:

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+/-:

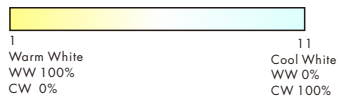
Adjust current selected zone brightness.

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.



#### 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.