

# 4-Key Glass Panel RF Remote Controller

UPF1(G), UPF1-2(G), UPF2(G), UPF3(G) a010132, a010133, a010137



UPF1(G)  
1 Zone Dimming



UPF1-2(G)  
2 Zone Dimming



UPF2(G)  
1 Zone CCT



UPF3(G)  
1 Zone RGB/RGBW

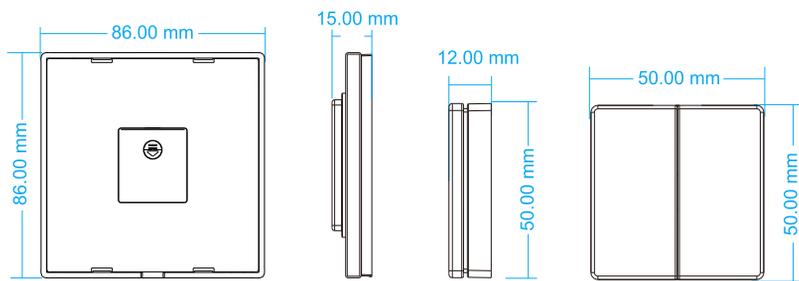
- Apply to single color, dual color or RGB/RGBW LED controller.
- Each remote can match one or more receiver.
- CR2032 battery powered.

CE RoHS emc RED

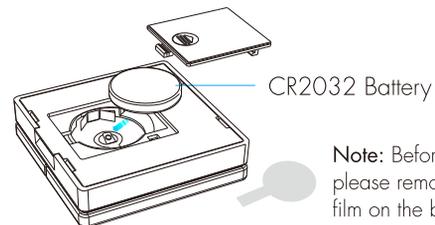
## Technical Parameters

Input and Output		Environment		Safety and EMC	
Output signal	RF(2.4GHz)	Operation temperature	Ta: -30°C ~ +55°C	EMC standard (EMC)	ETSI EN 301 489-1 V2.2.3 ETSI EN 301 489-17 V3.2.4
Working voltage	3VDC(CR2032)	IP rating	IP 20	Safety standard	EN 61348-1:2015+A1:2021 EN 61348-2-13:2014+A1:2017
Working current	<5mA	<b>Packing</b>		Radio Equipment (RED)	ETSI EN 300 328 V2.2.2
Standby current	<2µA	Size	L95 x W95 x H18mm	Certification	CE, EMC, RED
Standby time	2 years	Gross weight	0.075kg	Warranty	5 years
Remote distance	30m(Barrier-free space)				

## Mechanical Structures and Installations

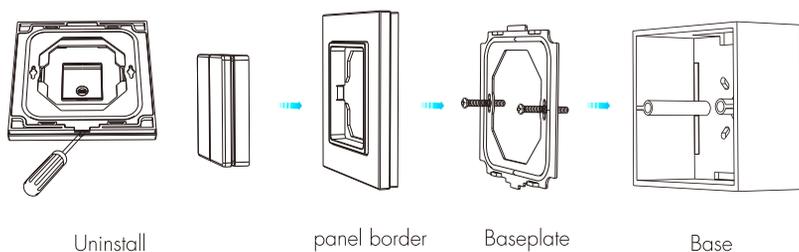


Replace battery:

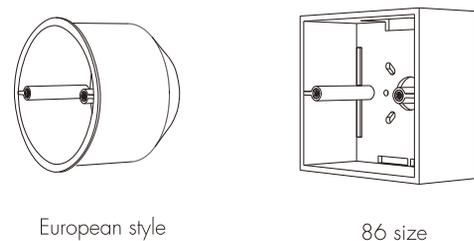


Note: Before the first use, please remove the protective film on the battery.

Installation diagram:

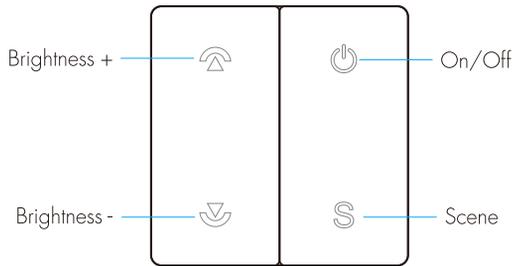


Typical base as below:



## Key function

- UPF1(G) Single color dimming remote



**On/Off:** Turn on or off light.

**Brightness+/-:** Adjust brightness.

Short press 10 levels,

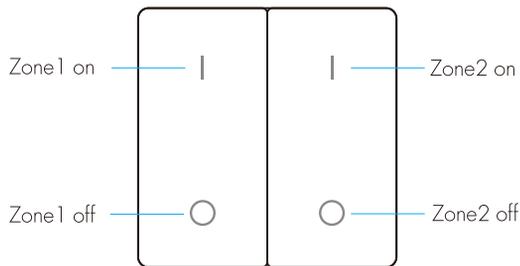
long press 1-6s for continuous 256 levels adjustment.

**Scene:** Brightness memory.

Short press recall the scene,

long press 2s save the current brightness into the scene.

- UPF1-2(G) 2zone single color dimming remote



**Zone 1-2 on:**

Short press turn on zone light,

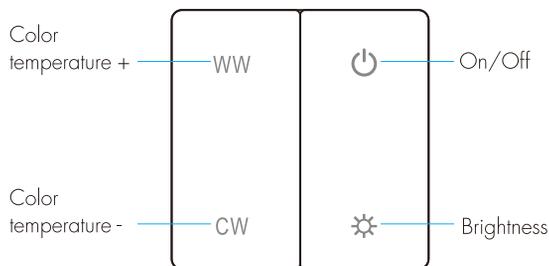
long press 1-6s to increase brightness continuously.

**Zone 1-2 off:**

Short press turn off zone light,

long press 1-6s to decrease brightness continuously.

- UPF2(G) Color temperature remote



**On/Off:** Turn on or off light.

**Brightness:** Adjust brightness.

Short press 10 levels,

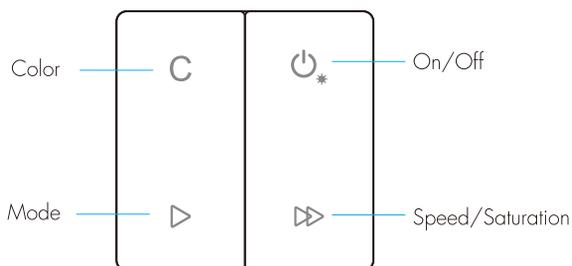
long press for continuous 256 levels adjustment.

**Color temperature+/-:** Adjust color temperature.

Short press 11 levels,

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

- UPF3(G) RGB/RGBW remote



**On/Off:** Short press turn on or off light,

long press 1-6s to adjust brightness continuously.

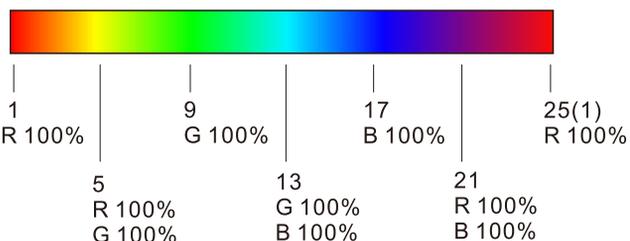
**Mode:** Change dynamic mode.

Short press run next mode,

long press 2s run mode-cycle.

**Color:** Change static RGB color.

Short press get 24 kinds static color, long press for continuous static color adjustment.



**Speed / Saturation:**

For dynamic mode, adjust speed.

Short press 10 levels, long press 2s get the default speed.

For static color, adjust saturation, namely change current static color to mixed white slowly.

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

**RGBW light:**

long press Mode + Speed/Saturation key to adjust W channel brightness simultaneously.

## Match Remote Control (two match ways)

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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 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.

## Safety information

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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.