

213-137,213-138,213-139

4-Key Glass Panel RF Remote Controller



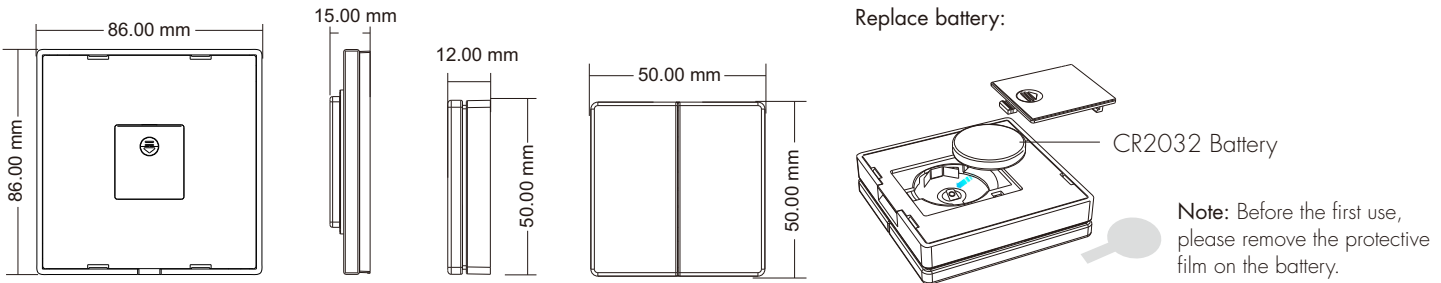
- Apply to single color or dual color LED controller.
- Each remote can match one or more receiver.
- CR2032 battery powered.

CE RoHS

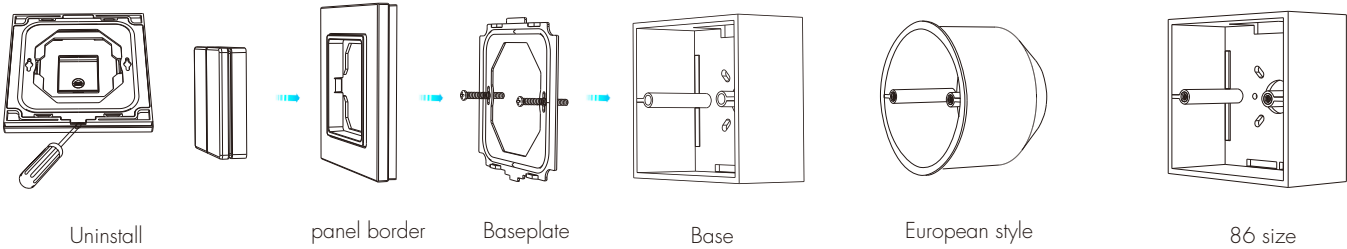
Technical Parameters

| Input and Output |                         | Environment           |                           | Safety and EMC  |                                                    |
|------------------|-------------------------|-----------------------|---------------------------|-----------------|----------------------------------------------------|
| Output signal    | RF(2.4GHz)              | Operation temperature | Ta: -30℃ ~ +55℃           | EMC standard    | EN IEC 55015/EN IEC 61547<br>ETSI EN 301 489-1/-17 |
| Working voltage  | 3VDC(CR2032)            | IP rating             | IP 20                     | Safety standard | EN 61347-1/-2                                      |
| Working current  | <5mA                    | Packing               | Size<br>L95 x W95 x H18mm | Radio Equipment | ETSI EN 300 440<br>ETSI EN 300 328                 |
| Standby current  | <2μA                    |                       |                           | Certification   | CE RoHS                                            |
| Standby time     | 2 years                 |                       |                           | Warranty        | 5 years                                            |
| Remote distance  | 30m(Barrier-free space) | Gross weight          | 0.075kg                   |                 |                                                    |

Mechanical Structures and Installations



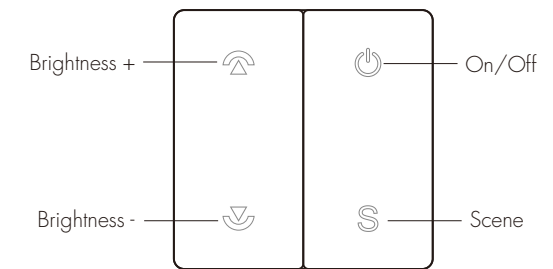
Installation diagram:



Typical base as below:

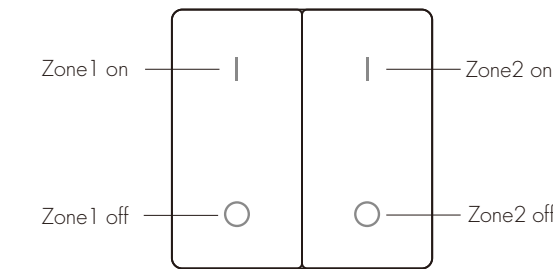
Key Function

● 213-137 Single color dimming remote



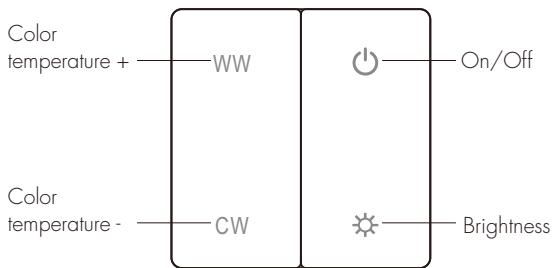
**On/Off:** Turn on or off light.  
**Brightness+/-:** Adjust brightness.  
Short press 10 levels,  
long press 1-6s for continuous 256 levels adjustment.  
**Scene:** Brightness memory.  
Short press recall the scene,  
long press 2s save the current brightness into the scene.

● 213-138 2 zone 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.

● 213-139 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.

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 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

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.