

Rotary dimming/1-3 color/Wireless remote 30m distance/CR2032 battery



RK1  
1 Zone Dimming

RK2  
1 Zone CCT

RK3  
1 Zone RGB

CE RoHS  LVD RED

## Features

- Apply to single color, dual color or RGB LED controller.
- Rotate knob to change RGB color, color temperature or brightness, support long press or twice click operation.
- Each remote can match one or more receiver.
- CR2032 battery powered.
- Desk mount, removeable anywhere easily.

## Technical Parameters

Input and Output	
Output signal	RF(2.4GHz)
Working voltage	3VDC(CR2032)
Working current	< 5mA
Standby current	< 10μA
Standby time	1 year
Remote distance	30m(Barrier-free space)

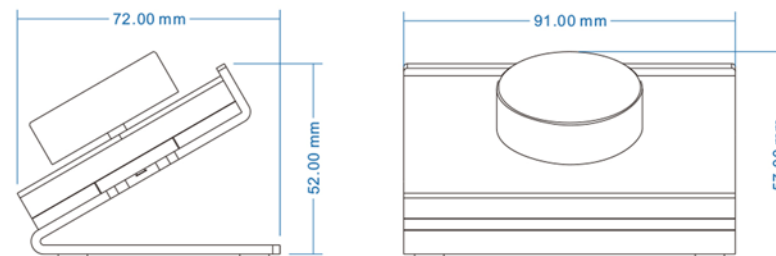
Environment	
Operation temperature	Ta: -30°C ~ +55°C
Case temperature (Max.)	Tc: +85°C
IP rating	IP20

Safety and EMC	
EMC standard (EMC)	EN301 489, EN 62479
Safety standard(LVD)	EN60950
Radio Equipment(RED)	EN300 328
Certification	CE, EMC, LVD, RED

Warranty	
Warranty	5 years

Weight	
Net weight	0.061kg
Gross weight	0.118kg

## Mechanical Structures and Installations



Replace battery:



## 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 push the knob.  
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 again,  
immediately push the knob 3 times.  
The light blinks 3 times means match is successful.

**Delete:**  
Switch off the power, then switch on power again,  
immediately push the knob 5 times.  
The light blinks 5 times means all matched remotes were deleted.

## Knob function



### RK1 Single color dimming remote

- Push: Turn on or off light.
- After turn on light:
- Rotate: Rotate knob to adjust brightness (2.5 turns, 50 levels).
- Long push (1-6s): Continuous 256 levels brightness adjustment.



### RK2 Color temperature remote

- Push: Turn on or off light.
- After turn on light:
- Rotate: Rotate knob to change color temperature or brightness (2.5 turns, 50 levels).
- Push twice: Switch between color temperature or brightness adjustment.
- Long push (1-6s): Continuous 256 levels brightness adjustment.



### RK3 RGB remote

- Push: Turn on or off light.
- After turn on light:
- Rotate: Rotate knob to change RGB color (3 turns, 60 colors) or brightness (2.5 turns, 50 levels).
- Push twice: Switch between RGB color or brightness adjustment.
- Long push (1-6s): Continuous 256 levels brightness adjustment.

## 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.