

Wall Mounted Rotary Panel Specification

# CP1-GBB



## 【Features】

- Rotary panel single color, PWM constant voltage controller.
- Each zone can be set as single color light type.
- 256 levels 0-100% dimming smoothly without any flash.
- Compatibility with RF 2.4G single zone or multiple Compatibility with one remote control.
- Push/Rotate with chord tones and LED indicator.
- White glass panel available.
- Certification: CE, RoHS.
- Warranty: 5 years.



## 【Technical Parameters】

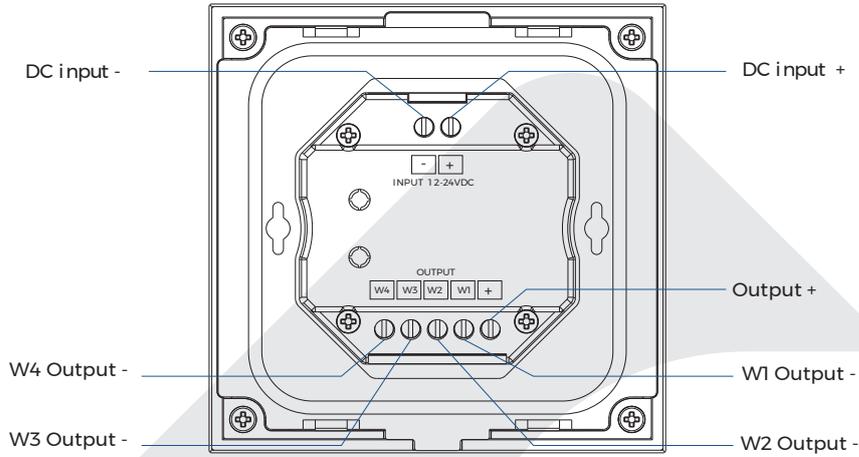
Item	Parameters
Model No.	CPI-GBB
Input voltage	12-24VDC
Input current	Max. 12.5A
Output voltage	12-24VDC
Output current	Max. 12A, 4CH, 3A/CH
Output power	144-288W
Output type	Constant voltage
Light type	Single color
Output channel number	4CH
Output signal	PWM
Operation temperature	-30 C ~ 55 C
Case temperature (Max.)	85 C
Size	L86*W86*H48mm
IP rating	IP20
Certification	CE, RoHS
Protection	Reverse Polarity, Over-heat
Warranty	5 years

### Remarks:

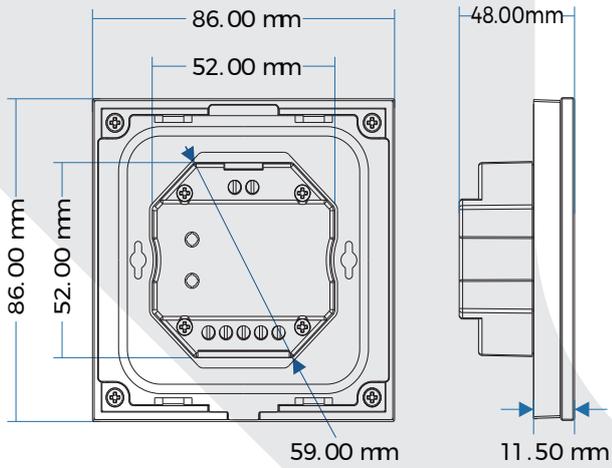
1. The above parameters are based on the standard test;
2. The above parameters are typical values.

# 【 Mechanical Structures and Installations 】

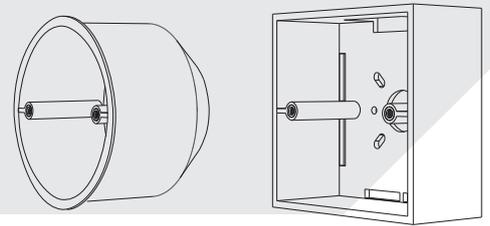
## 1. Mechanical Structures:



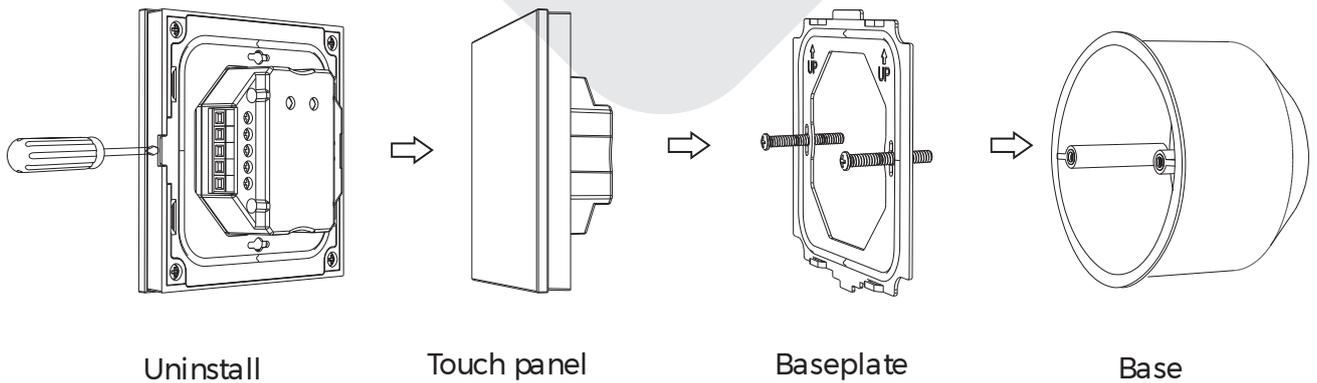
## 2. Dimensions:



Typical base as below:



## 3. Installation diagram:



## 【Konb Fuction】

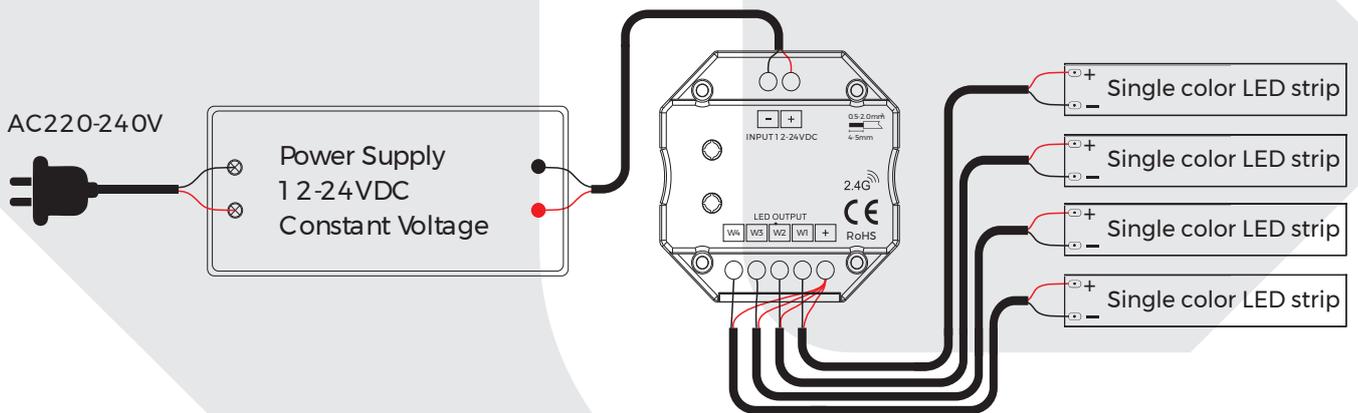
Single color dimmer



- **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.

**Note:** After push knob to turn off light, long press push knob for 5 seconds will turn on or turn off tone.

## 【Wiring Diagram】



**LED power supply voltage and power select :**

- 12V lamp, Input 12V power supply, can load 0~144W,
- 24V lamp, Input 24V power supply, can load 0~288W, The power supply power must larger than load power 20%.

## 【Match Remote Control Ways】

**Match Remote Control (two match ways):**

The rotary panel controller can also match with the RF remote (optional), like our RF remote “CR1-GBA”.

End user can choose the suitable match/delete ways. Two options are offered for selection:

Operation	Use Knob	Use Power Restart
Match	Turn on light, turn off, immediately push the knob for 5s, then press on/off key (single zone remote) or zone key (multiple zone remote) of the RF remote within 5s. The LED indicator fast flash 3 times means match is successful.	Switch off the power, then switch on power again, immediately short press on/off key (single zone remote) or zone key (multiple zone remote) 3 times on the remote. The light blinks 3 times means match is successful.
Delete	Turn on light, turn off, immediately push the knob for 10s, delete all matched RF remote. The LED indicator fast flash 6 times means all matched remotes were deleted.	Switch off the power, then switch on power again, immediately short press on/off key (single zone remote) or zone key (multiple zone remote) 5 times on the remote. The light blinks 5 times means all matched remotes were

## 【Packing】

### 1. Packing list:

Model	Panel	Manual	Baseplate	Fixed card	Self-tapping screws	PE bag	Individual box
CPI-GBB	1PCS	1PCS	1PCS	1PCS	2PCS	2PCS	1PCS

### 2. Packaging Information:

Model	Individual box size	Quantity/ Box	Number / Box	Net weight (kg)	Net weight per carton (kg)	Gross weight (kg)	Carton size (mm)
CPI-GBB	L110*110*63 mm	1PCS	100PCS	0.171	17.1	24.9	350*240*230

## 【Precautions】

1. Panel placement may offer up to 30m communication distance. Metals and other metal materials will reduce the range. Strong signal sources such as WiFi routers and microwave ovens will affect the range. We recommend for indoor applications that receiver placements should be no further apart than 15m.
2. The number of panels controlled by one remote control should not be too many to avoid mutual interference of remote control signals. It is recommended to replace the controllers with power expanders as much as possible.
3. If no response from the receiver, please re-match the remote.
4. Gently handle remote, be ware of falling.
5. For indoor and dry location use only.