

Operation Instructions of Controller

I. Specifications:

Working temperature: -20- 60 C

Output: TWO CMOS drain- open output

Max load current: 4A each color

Dimension: L120*W74*H38mm

RF frequency: 2.4GHz

Supply voltage: DC12~24V

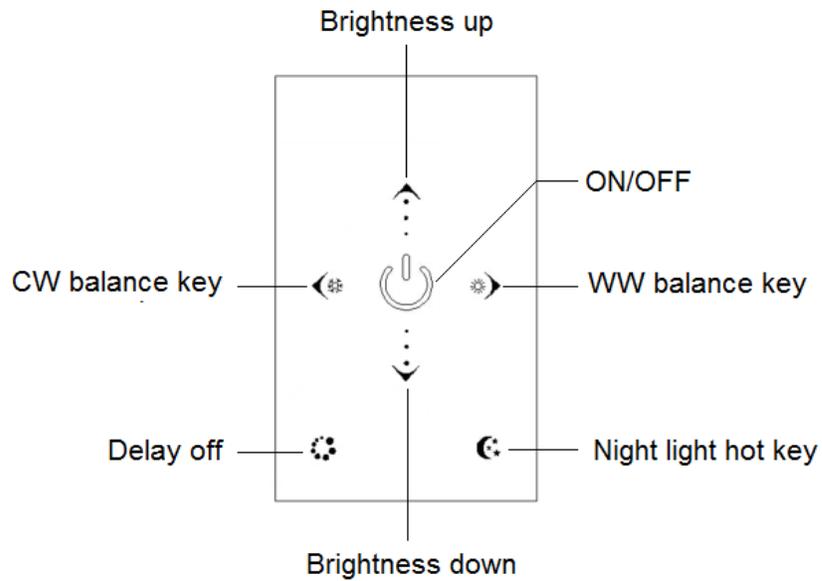
Connecting Mode: Common anode

Net weight: 140g

Structure: 120-type US standards

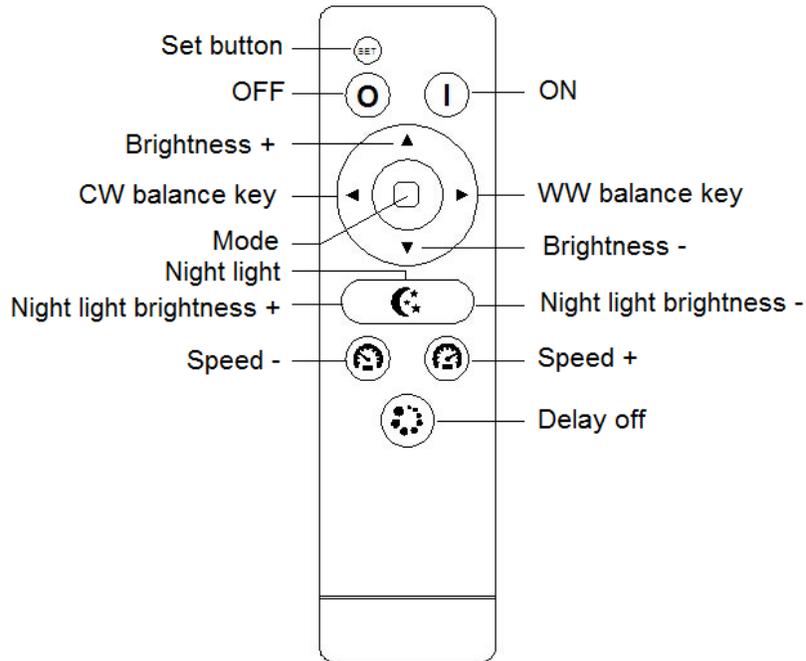
II. Control Method:

1. Function of the touch panel



Name	Description	Note
ON/OFF	Turn on/off the light.	This button is backlit in blue making it easy to see in the dark
Brightness +	Tap to increase brightness	Long- press for fast dimming
Brightness -	Tap to decrease brightness	Long-press for fast dimming
CW balance key	Balance to cool white	Long-press for fast adjusting. The sum of two channels output power remains constant when CCT balanced.
WW balance key	Balance to warm white	
Delay off	Activates 30 second delay off	
Night light	Night light hot key, the Brightness is adjustable from 1%-10%.	The brightness of night light can ONLY can be set through the RF remote control.

2. Each of the functions of the optional RF remote control is listed in the table below:



Name	Description
Set button	For setting the night light and matching code with receiver. Under night light mode, press “Set button” and hold on for 10 seconds will go into the night light setting. Press the set button again to save the setting and quit out.
ON	Turn on
OFF	Turn off
Brightness +	The brightness will increase 1 level with each button press. Long-press for fast light increase.
Brightness -	The brightness will decrease 1 level with each button press. Long-press for fast light decrease.
CW balance key	Balance to cool white. Long-press for fast adjusting.
WW balance key	Balance to warm white. Long-press for fast adjusting.
Mode	Hot key for 3 CCT full-light: 100% CW, 100% WW, 100%CW+100%WW, and 4 dynamic modes.
Night light	Press the button go to night light mode (night light Setting: Under night light mode, press “Set button” and hold on for 10 seconds will go into the night light setting, press the left button to down the brightness, press the right button to up the brightness. Adjustable range: 1%-10%.)
Speed +	Increase the speed of the dynamic mode. Long-press for fast adjustment
Speed -	Reduce the speed of the dynamic mode. Long-press for fast adjustment
Delay button	The light will turn off after a 30 second delay

Tips: Wall-panel can be controlled by any one the same remote as factory default; RF BT remote control delivered with unique RF code as factory default; if unique-control is needed, please matching the code before installation and using.

Matching code operation

If unique-control or new-coded-remote is needed, pairing the remote and the receiver as below operation instruction before using:

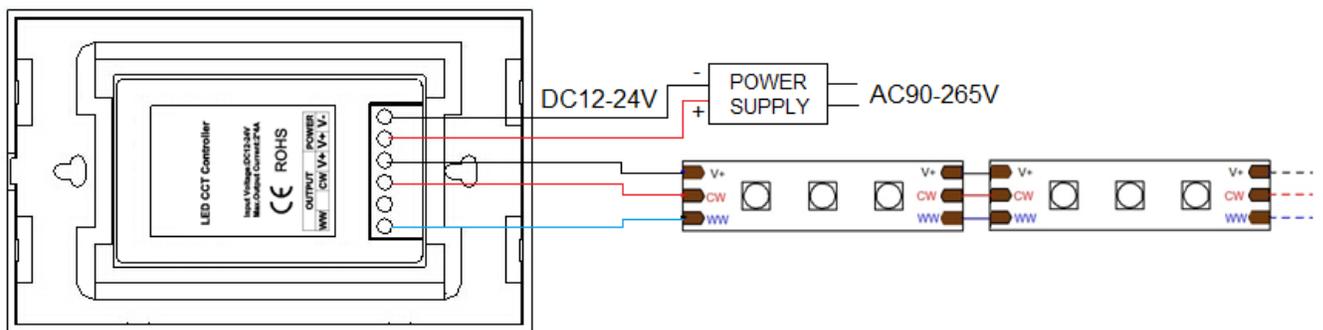
1. **Step 1:** Pressing key “set” and hold on, power on the controller, the load LEDs will be 50% brightness white as responding.
2. **Step 2:** Continuously to press the key “**Mode**“ for 3 times within 5 seconds after step 1 ,the brightness of LEDs will change from 25% -10% as responding.
3. Code learning successfully, the LEDs will be back to the status before the power off, and the receiver only can be control by the remote.
4. If not, please re-operate from step 1 to 2.

Clear code operation

Back to factory default, wall-panel can be controlled by any one the same remote control.

1. **Step 1:** Pressing key “set” and hold on, power on the controller, the load LEDs will be 50% brightness white as responding.
2. **Step 2:** Continuously to press “**Delay button**“ 3 times within 5 seconds after step 1 ,the brightness of LEDs will change from 25% -10% as responding.
3. Code clearing successfully, the LEDs will be back to the status before the power off, and the receiver can be controlled by any remote control(any one the same remote control can be used to clear the code).
4. If not, please re-operate from step 1 to 2.

III. Panel specification and connecting drawing as follows:



IV. Warning:

1. Supply voltage of this product is DC12~24V, never connect to AC120V.
2. Lead wire should be connected correctly according to colors that the wiring diagram shows.
3. Warranty of this product is one year, but exclude the artificial situation of damaged or overload working.