

User Manual



I. Technical Parameters

Controller

- Supply voltage: DC12-24V
- Working current: $\leq 8\text{A/CH}$
- Connection method: Common anode
- External dimension: $L83 \times W79 \times H33 \text{ mm}$
- Static power consumption: $< 1\text{W}$
- Output power: DC12V: $< 288\text{W}$, DC24V: $< 576\text{W}$ (with short circuit protection function)
- Output frequency: 300Hz

Remote Control

- Working temperature: $-20\text{--}60^\circ\text{C}$
- Power supply mode: AAA * 3
- Supply voltage: $1.5\text{V} \times 3$
- Standby power consumption: 0.025mW
- Static current: $85\mu\text{A}$
- Working current: 38mA
- Remote distance: $> 20\text{m}$
- Standby time: $> 6 \text{ months}$


II. Interface specification




"①" "②" : Power input interface, input voltage range is DC12-24V, "①" is positive electrode, "②" is negative electrode;
"③" "④" "⑤" "⑥": Power output interface, output voltage is 12-24V, max. output current is 8A, "③" is positive electrode, "④" "⑤" "⑥" are output channels.



III. Instruction for use

Function of controller and remote control

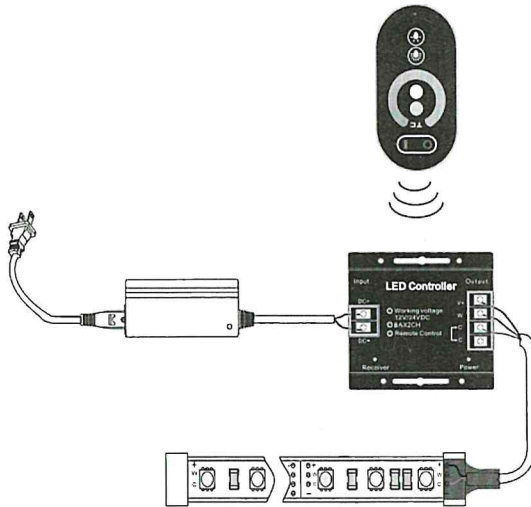
 : ON/OFF key, it is used for lighting on/off LED strips.

 : Mode switch button, it is used to increase and reduce the brightness from 2% to 100%.

:Brightness adjust ring, when touching a certain point on the color ring, LED strip will show the color of color ring at this time.

 :MBrightness button, it is used to increase or reduce brightness./Instruction for matching code of remote control : When power on, close to the controller, at the same time press the ON/OFF key of remote control, long press this key in 3s to match code. The load light will flicker after matching code success.

IV. Typical application



V. Remarks

1. Connect the load wire at first, following by the power wire; Please ensure short circuit can not occur between connecting wire before you turn on the power.
2. Power supply voltage range is DC12-24V, more than voltage range maybe burn out the controller.
3. Stop to use for more than 30s, the remote control will enter the standby state, then the color ring will fail, The next time use, just click the button on remote control, then remote control will be reawakened.