

The remote control mixed color strip color temperature adjustable controller **CL-CTJCON** is specially designed for controlling mixed color LED strips. The remote is professional designed with a touch wheel, it enables easy remote operation with RF(Radio Frequency) system.

when the touch color wheel works, you can use your finger to touch the touch wheel to choose the mixed color temperature and brightness you like.



Technical parameter:

The controller:

*Working voltage: DC 12V-24V;

*Max output current: 6A each channel (total 2 channel)

The Remote with touch wheel:

*Battery for the remote: 1.5V*3 AAA battery;

(Batteries are not included when delivery)

*Stand-by Power consumption: max 100uA, normally a set of new batteries can use for 9-12 months;

*Wireless frequency: 433.92MHz, integrated chip design;

*Emission power: < 10mW;

*Remote control distance: 20M.

Hongkong Coolight Opt-Ele Co.,Limited

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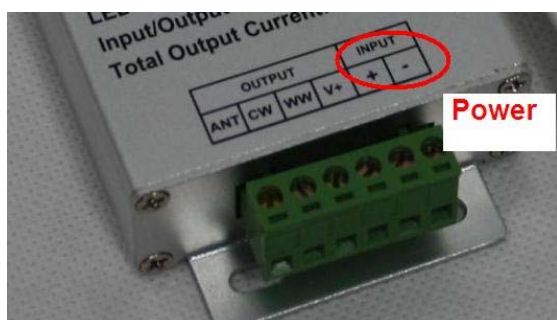
Website: www.coolightled.com www.globalsources.com/coolight.co

Interface Specification:

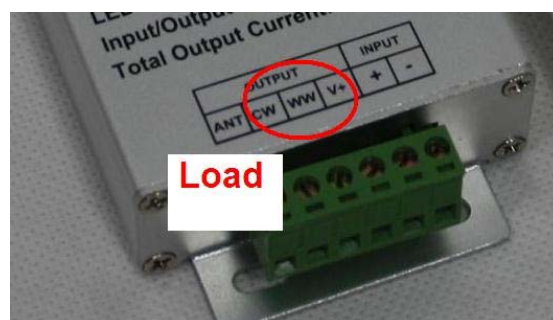
Power input interface (the first way optional):



Power input interface (the second way optional):

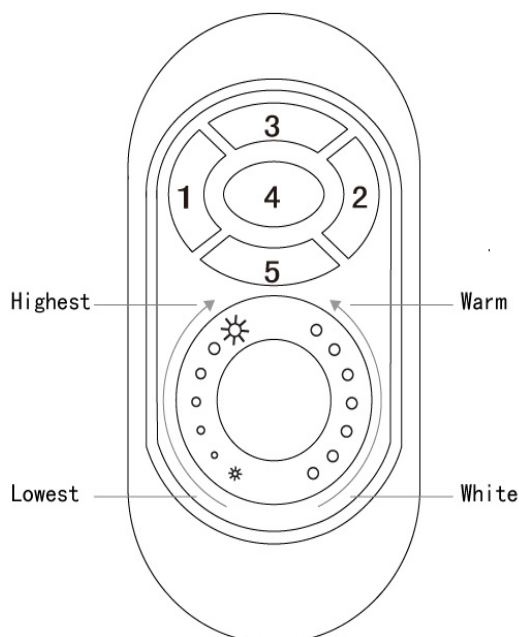


Load output interface:



Direction for use

1. Connect the load wires at first, then the power; **Please ensure there is no short circuit before you turn on the power;**
2. There are 5 buttons and a touch color wheel on the remote, And the functions are as following:



2.1 **Button 1**- Red Button: Turn on

2.2 **Button 2**- Red Button: Turn off

2.3 **Button 3**- Hotkey: High brightness

2.4 **Button 4**- Hotkey: Medium brightness

2.5 **Button 5**- Hotkey: Low brightness

2.6 Touch color wheel: Touch color ring is a high reliability touch inductor, only be effective for the body fingers. You can adjust the brightness and the color temperature changing easily.

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3. Matching the remote and the controller:

3.1 Within 3 seconds of connecting power to controller, press one time **Button 3** on the remote, the RGB LED strips will blink 3 times, The remote and controller are successful matched.

3.2 Clear the matching: when you don't want to use the remote to control the controller, within 3 seconds of connecting power to controller, press **Button 3** for 5 times quickly, the RGB LED strips will blink 6 times quickly, It means the matching is cleared successfully, the remote cannot control the controller anymore.

3.3 The matching will be still exist after changing batteries, you don't need to match again.

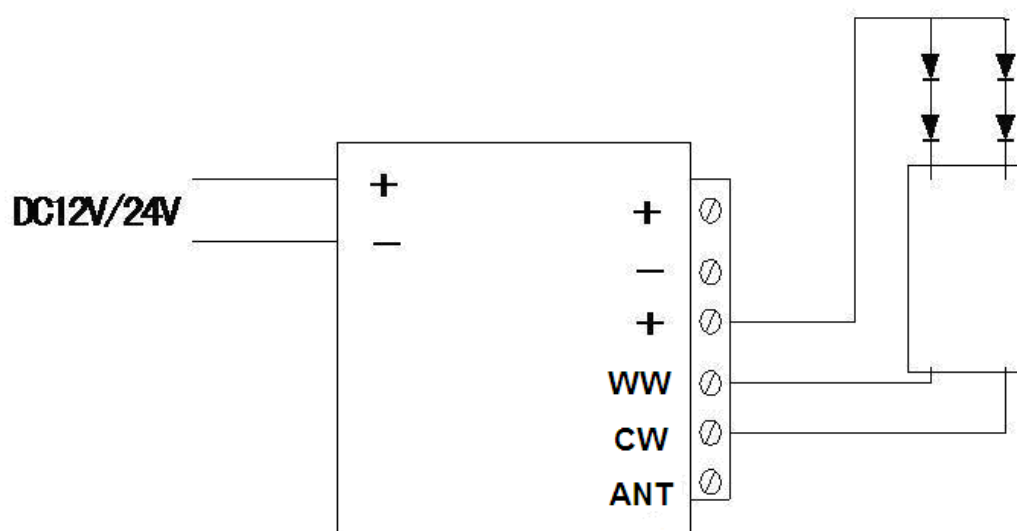
4. This controller have memory when the power cut, if you connect the power to controller again, it will show the color mode before power cutting.

Caution:

1. When changing the batteries, please don't touch or use the palm to cover the color wheel within 10 seconds. If the color wheel doesn't work after changing the batteries, please take off the batteries, and reload again after 10 seconds.

2. We put the antenna internal the controller, please keep the controller away from the metal goods when installing, in order to get a far receiving distance.

Connection diagram:



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