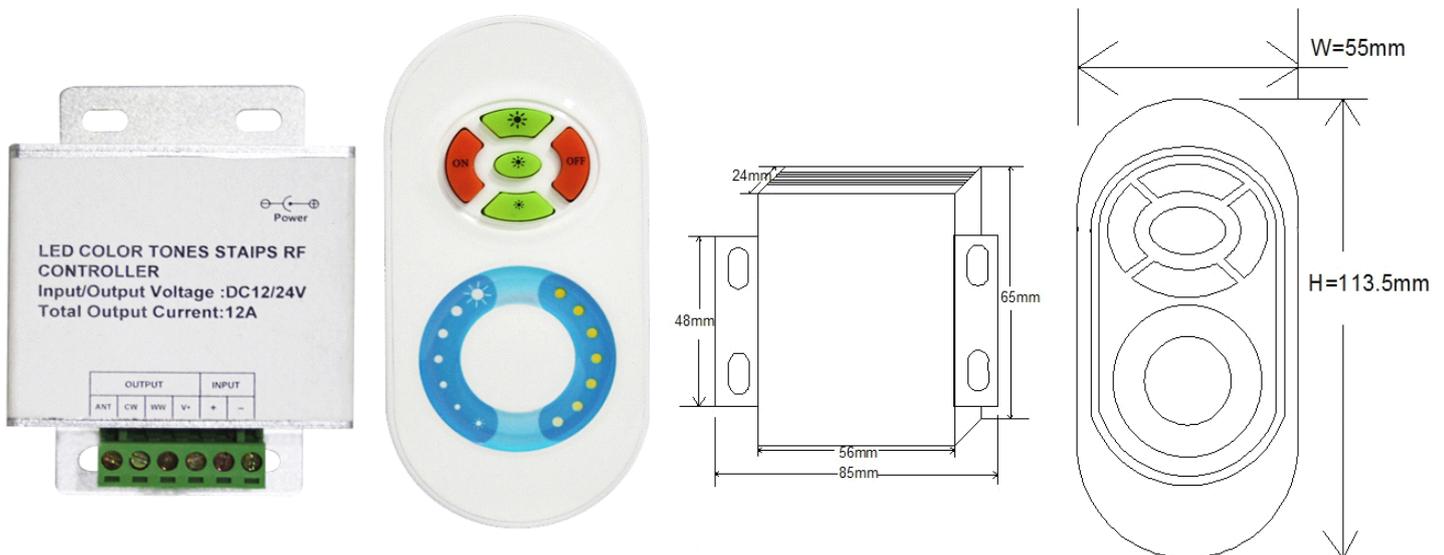


Color Temperature Adjustable LED Controller



I .Product Description

This system is a high-performance color temperature adjustable LED touching remote controller, adopting the most advanced PWM control technology. To achieve the effect of color temperature change by adjusting two groups of LED light proportion. The system owns 20 grades of brightness and 11 grades of color temperature.

It is also with the memory function (means the previous settings will be resumed when power on again). Widely used in color temperature and brightness adjustable LED strip lights, LED modules and other LED products.

Owing to the 433M high RF wireless remote control technology, it has the characteristics of low power consumption, long distance remote, and strong anti-interference ability, high speed telecommunications, etc.

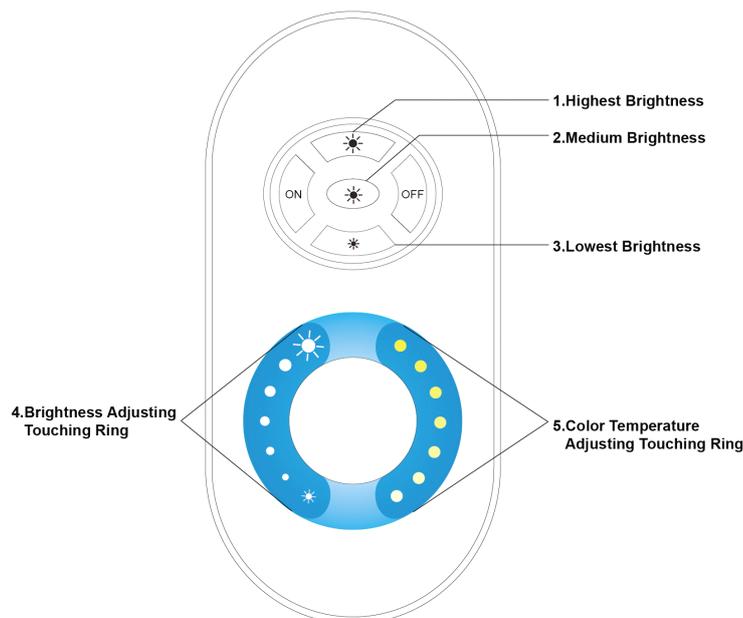
The remote looks fashionable, with simple and practical functions of color temperature and brightness dimming, the capacitive touch screen design makes the remote easy to use .

The modular design and easy screwed terminals enable the controller easy to match with all kinds of LED lights.

II. Technical Parameters

| | Item | Parameters |
|-------------------|---------------------------|----------------|
| Remote | Working Voltage | AAA*3pcs(4.5V) |
| | Radio Frequency | 433.92MHz |
| | Modulate Method | ASK |
| | Transmit Power | <10mW |
| | Standby Power Consumption | 100uA |
| | Remote Distance | 20-30m |
| | Dimension | 113×55×18mm |
| Controller | Working Voltage | DC12-24V |
| | Max Load Control Current | 6A/circuit |
| | Standby Power Consumption | 0.5W |
| | Output Connection | Common anode |
| | Dimension | 85mm×65mm×24mm |

III.Functions of Keys



IV.Programming(Code Clearing and Code Matching)

Code Matching

For a new kit (remote& controller), the remote can work only when it is programmed to the controller.

Please follow the below instructions:

Confirm correctly connect the power supply, LED controller and LED load.

Press key 1 once within 3 seconds when power on again,the light will blink 2 times when it is done.

Code Clearing

The code can be cleared as needed.

The kit (remote and controller) will stay in the original state after code clearing,and it can work when code matching is done.

Please follow the below instructions:

Confirm correctly connect the power supply, LED controller and LED load.

Press key 1 five times within 3 seconds when power on again, the light will blink 3 times when it is done.

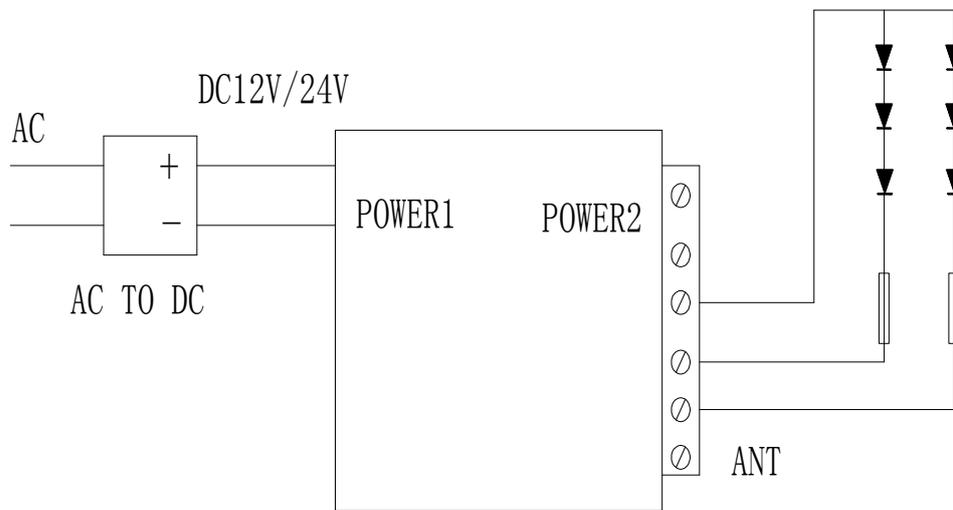
Attention:

1.The regular product for sale is a kit (remote and controller).

The user can re-programme freely as needed. One remote can control countless controllers, but one controller can only be controlled by six remotes (Max).

2.Please check the battery installation and controller(totally discharge the power), when you programme after switching off and switching on.

V. Connection:



VI. Attention

1. Please check whether the input voltage of the constant voltage power supply is in accordance with the controller, and please check the connection of both the cathode and anode, otherwise the controller will be broken.
2. Please do not connect wires with power on. Please switch on only when it is in right connection and no short circuit.
3. Please keep your figure off the touching ring when installing the batteries, to improve its sensitivity, and use the remote (3 seconds later) after the installation. Please reinstall the batteries, if the touching ring is found low-sensitivity.
4. Please do not use the controller in the place with widely range metal area or strong electromagnetic wave nearby, otherwise, the remote distance will be seriously affected.

Caution

1. Thanks for using color temperature and brightness adjustable LED touching remote control system, please read the instruction carefully before using. It states that you have read this instruction and accepted the caution when you start to use.