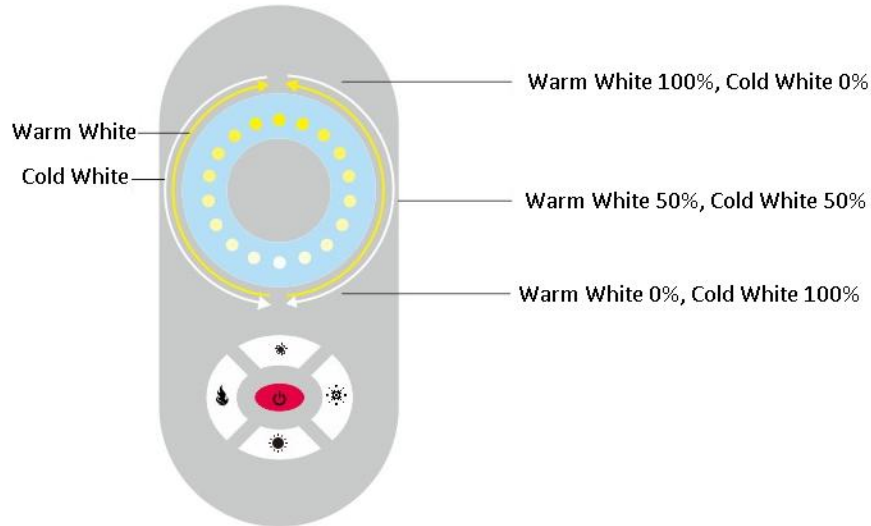


CT202-RF

LED constant-voltage controller with touchable button



Forward

Thanks for using our LED controller. The complete package includes a remoter, one LED controller, do check if there's any defect during transportation before use, if so, please don't use and inform your supplier immediately.

After-Sales

From the day you purchase our products within a year, if being used properly in accordance with the instruction, and quality problems occur, we provide free repair or replacement services except the following cases:

1. Any defects caused by wrong operations..
2. Any damages caused by unauthorized removal, maintenance, modifying circuit, incorrect connections and replacing chips.
3. Any damages due to transportation, breaking, flooding water after the purchase.
4. Any damages caused by earthquake, fire, flood, lightning strike etc force majeure of natural disasters.
5. Any damages caused by negligence, inappropriate storing at high temperature and humidity environment or near harmful chemicals.
6. Product has been updated.

Safety warnings

1. Please don't install this dimmer in lightning, intense magnetic and high-voltage fields.
2. To reduce the risk of component damage and fire caused by short circuit, make sure correct connection
3. Always be sure to mount this unit in an area that will allow proper ventilation to ensure a fitting temperature.
4. Check if the voltage and power adapter suit the dimmer
5. Don't connect cables with power on, make sure a correct connection and no short circuit checked with instrument before power on.
6. Please don't open dimmer cover and operate if problems occur.

The manual is only suitable for this model; any update is subject to change without prior notice.







Product Brief

This is a controller with color temperature and brightness adjusting, a common LED controller with touchable function, using the most advanced PWM technology; It's dedicated to control LED color changes of full color LED lights with 3-wires, 2 channels (common anode), such as LED flexible strip, LED cold white strip.

I . Technical Specs:

Model: CT202-RF			
Input Voltage:	DC12/24V	Wireless mode	touchable/RF
Loadable Current:	Max.5Ax2CH	Output Power:	Max.120W/12V, 240W/24V
Color Modes:	1 modes	Dimmer Size:	L167xW52xH24(mm)
Remoter material	ABS+PC	Remoter size:	L113.5xW55xH21(mm)
Intensity Steps:	8 Steps	Packing Size:	L120xW72xH50(mm)
Working Temp:	-35℃ — 55℃	Gross Weight:	93 g
Controllable Distance:	Max 20M	Lifespan:	40000 hours
Accessories:	3 pcs AAA batteries	Power consumer	1 Year/3*AAA Battery

II . Function Instructions

Sign	Button	Description
	On/Off (4)	Press Key 4 to turn on/off in any state.
	Warm White Mode (2)	Press Key 2 to activate warm white mode
	Cold white Mode (1)	Press Key 1 to activate cold white mode
	Intensity up (5)	Increase the brightness by every pressing, total 8 steps.
	Intensity down (4)	Decrease the brightness by every pressing, total 8 steps.
	Color Ring	slide your finger on the color-temp ring, choose the color temperature you need optionally, and the color ring is only effective for the body finger.

III. Matching of controller and remoter

The distance of wireless control is about 20 meters. One remoter can simultaneously control all valid devices within the effective distance, please operate as per the following ways:

1. Press (5#) button on the remoter 3 seconds before turning on, the white indicator will blinker 3 times, then the controller can be controlled by this remoter.
2. It can't affect the finished matching after changing the battery, no need additional setting after loading the new battery, it can be used directly.
3. When you don't want to use the remoter to control the lamp, press (5#) keys 6 times in 3 seconds, the lamp will blinker 6 times quickly, clearing way is successful.

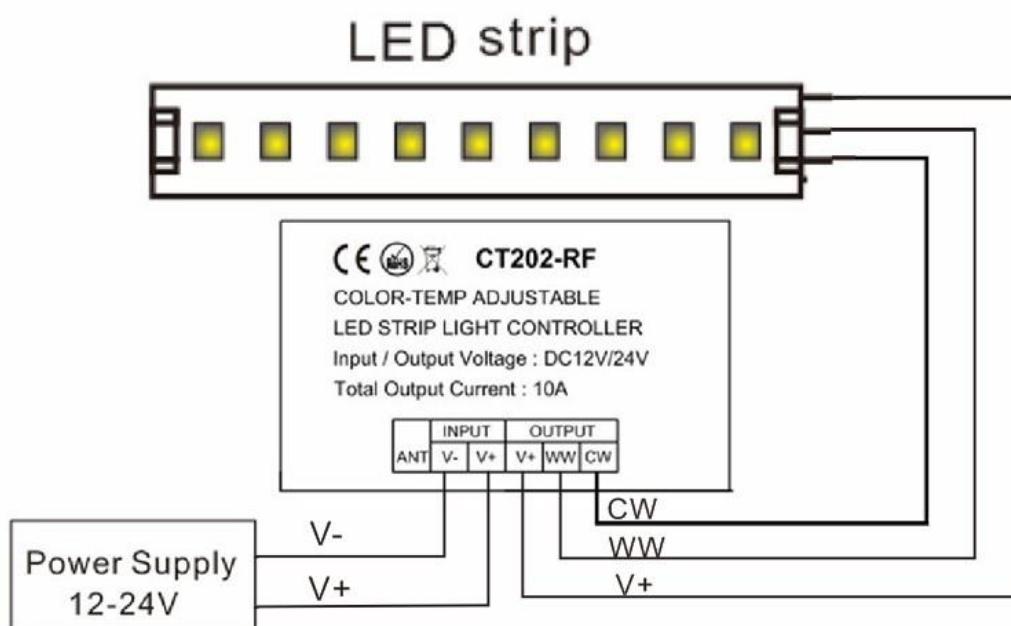
IV. Installation battery of the Remoter

This remoter is used 3 AAA batteries, each voltage is 1.5V.

Open the cover of the battery; load 3 AAA batteries correctly as per the positive and negative instructions in the battery pack.

Notice: When loading the battery, please remember not to touch the color ring or use the palm to cover the color ring, use the remoter 5 seconds later. If happening to touch the color ring, the remoter has no reaction after changing the battery, please take off the batteries, and reload the battery 5 seconds later.

V. Wiring Description



VI. Exception Handles

Malfunction	Causation	Settle
No light	1. No power; 2. The protection of the power supply is active; 3. Wrong connection	1. Check the power 2. Check the fault, then power on again; 3. Check the connection
Incorrect color-temp	4. Wrong connection from WW&CW wire	4. Re-connect WW&CW wires correspondently
No response from the remoter	6. Wrong battery installation; 7. Beyond controllable distance	5. Install the battery correctly; 6. Reduce remote controllable distance;
Delay response from the remoter	8. battery power is not enough or incorrect step when load battery;	8. Replace battery or reload battery;
Uneven intensity between front and rear, with voltage drop	9. Output cable is too long 10. Wire diameter is too small 11. Overload beyond dimmer or power supply capability	9. Reduce cable or use loop supply. 10. Change wider wire 11. add power amplifier
Signal chaos between controller and remoter	12. Controlled may be controlled by other remotes;	12. Clear the memory as the No. 3 and No.1(See Matching of controller and remoter)