User Manual

LED DIMMER

-With touchable button

Rev:1.0

Forward

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

Technical Specifications

Input voltage:	DC12~DC24V
Loadable current:	10Ax3CH
Output channels	3CH
Output power:	360W/720W(DC12V/DC24V)
Color Cholse:	1
Dimmering mothod:	PWM
Grey steps:	256 steps per channel
Connection mode:	common anode
Control mode:	touchable/RF Remote control
Radio Frequency:	433MHz
Controlable distance:	>20m
Working Temp:	-20℃~+60℃
Remote battery type:	3 pcs AAA type batteries

Panel and interface description

Symbol	Function
	Turn off/on the LED light in any state.
	Brightness shortcut button:max. brightness or min. brightness.
	Used for getting the brightness between maximum brightness and minimum brightness
	Used for increasing or reducing the brightness, 10% increase or reduce in every step
	Voltage of power input port :12/24 VDC
	Power output port for connecting LED lights.
	Indicative light to show the power and signal receiver state.

Installation battery of the Remoter

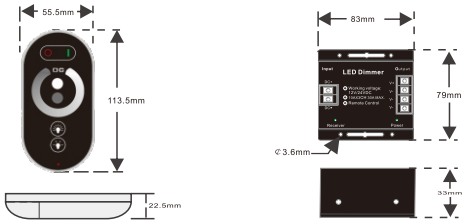
Installation battery of the Remoter:

This remoter is used 3 pcs AAA batteries,each voltage is 1.5V.Open the coverof the battery; load 3 pcs AAA batteries correctly as per the positive and nega-tive instructions in the battery pack.

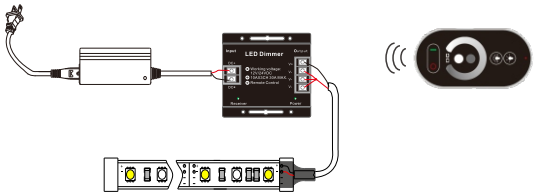
Notice:

If the indicator lights on the remote controller flash regularly without touch,please note the battery should be changed.

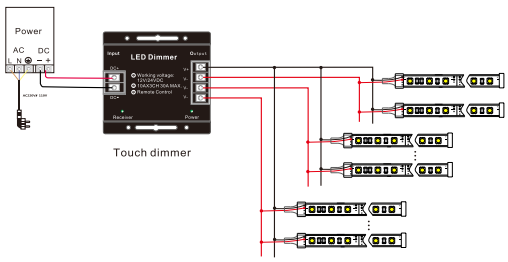
Product size



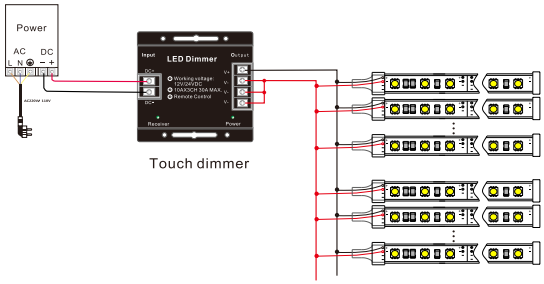
Connection diagram 1



Connection diagram 2



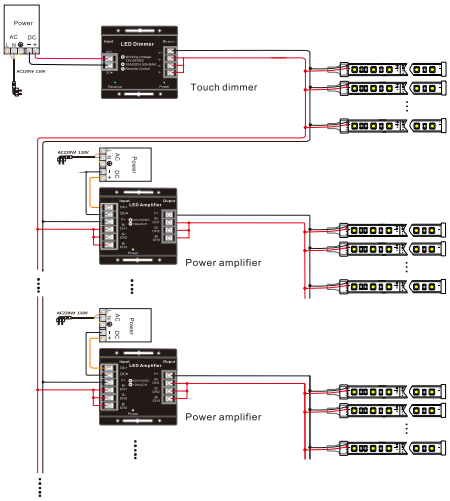
Connection diagram 3



Power amplifier figure

1.When the dimmer power is not enough,please adopt our constant voltage LED power amplifier.The product specifications can be ob tained by con tacting our sales team.

2.Amplifiers are parallelly connected with the dimmer (take LED light strip for example)



Safety warnings

1.Please install the products by professional electrician.
2. This product can not waterproof,please put into water-proof tank if the clients want to use it outdoor.
3.Always be sure to mount this unit in an area that will allow proper ventilation to ensure a fitting temperature.
4.Please don' t install this controller in lightening, intense magnetic and highvoltage fields.
5.Check if the voltage and power adapter suit the controller and LED lights.
6.Please make sure the wires can sufficiently load the LED lights for avoiding accident.
7.Please make sure all the wires are connected correctly before switching on the power.
8.Please do not repair or maintain privately,any query,please contact suppliers.

Friendly reminding:

The Power should not be overloaded.for high performance,please keep at least 20% margin for power.

After-sale service

1.The customers enjoy lifelong technical support for our products.
2. The customers enjoy free maintainance or replacement for quality problems within one year upon date of purchasing. If
3. If the free warranty time is overdue,We will charge certain cost of raw materials for repair or maintainance.
4. Following cases are excluded free warranty terms:
   - ◆ Any defects caused by wrong operations.
   - ◆ Any damages caused by unauthorized removal,maintenance,modifying circuit, incorrect connections and replacing chips.
   - ◆ Any damages due to transportation,breaking,flooding water after the purchase.
   - ◆ Any damages caused by earthquake,fire,flood,lightning strike etc force majeure of natural disasters.
   - ◆ Any damages caused by negligence, inappropriate storing at high tem perature and humidity environment or near harmful chemicals.
5. Our company would take up the biggest responsibility to replace the same type and quantity accordingly..
6.The cilents please inform suppliers the faulty phenomena,using environment etc. for speeding up the maintainace process.
7.The manual is only suitable for this model,any update is subject to change without prior notice.