

RF 3 Key user manual



RF dimmer is a controller that can adjust brightness infinitely, control mode is wireless control, you could adjust light to the appropriate lighting brightness in accordance with your actual need.

Technical Parameters:

Power supply voltage: 12-24V

Output current: 30A

Dimming range: 0-100% stepless dimming

Long range: > 20 meters

Operating temperature: -20C~60C

Output: 1 PIN

Output power: 12V<360W, 24V<720W

Net weight: 100g

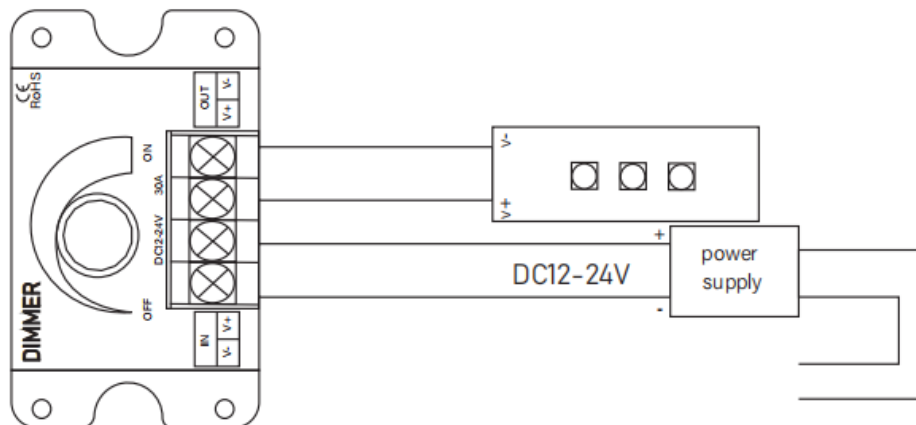
Control Method:

Connect the load line first, then the power cable; Before powering it on, make sure that there is no short circuit between the cables:

Wireless control, its functions are as follows:

Remote		Controller					
△	Brightness+	<table><tr><td colspan="2">output</td></tr><tr><td>V-</td><td>V+</td></tr></table>	output		V-	V+	Load output
output							
V-	V+						
▽	Brightness-						
⏻	ON/OFF	<table><tr><td colspan="2">Input</td></tr><tr><td>V-</td><td>V+</td></tr></table>	Input		V-	V+	Power input
Input							
V-	V+						

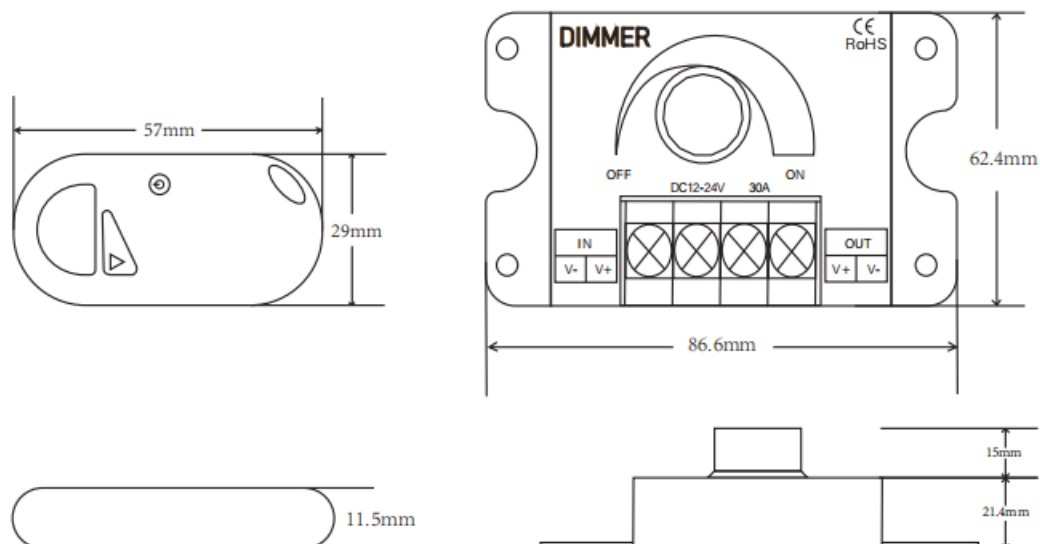
Schematic diagram of the connection



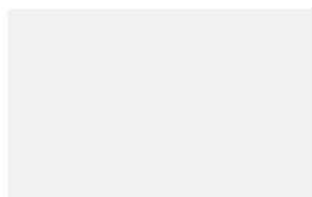
Safety Information:

1. The input voltage of this controller should be 12-24V DC;
2. Do not connect two wires directly to prevent short circuit;
3. The wires should be connected correctly according to the color provided in the connection diagram;
4. This product is guaranteed for one year, but it does not cover unexpected situations such as damage or overwork

Product dimensions



Packing information



Packing size:	Weight:	Packing size:	weight:
115*69*36mm	0.05kgs/pcs	48.5*19*38cm	5kgs/100pcs

Installation precautions

1. This product should be debugged and installed by professionally qualified personnel.
2. This product cannot be waterproof, it is necessary to avoid sun and rain, if it is installed outdoors, please use a waterproof box.
3. Good heat dissipation conditions will prolong the service life of the LED controller, please install the product in a well-ventilated environment.
4. Please do not install and use such products in lightning and thunder, strong magnetic field or high voltage occasions.
5. Please check whether the output voltage of the LED power supply used meets the requirements of the product voltage range.
6. The diameter of the wire used must be enough to load the LED lamp connected, and ensure that the wiring is firm, so as to avoid the wire overheating or poor contact triggering accidents.
7. Before power-on and commissioning, make sure that all wiring is correct to avoid damage to the lamps due to wiring errors.

After-sales service

1. Our LED controller products provide lifelong technical support and warranty services:
Free warranty: This product has quality problems within one year from the date of purchase, and our company will give free repair or replacement service.
Paid warranty: Products that exceed the free warranty period will be charged a certain cost of maintenance materials.
2. The following situations are not covered by the free warranty or replacement service:
Man-made damage such as overvoltage, overload, improper operation, etc.
Any wiring errors, flooding (non-waterproof products) and unauthorized repairs.
Any serious damage or serious deformation of the shape due to transportation, knocking, etc.
The shape of the product is severely damaged or deformed.
Damage caused by natural disasters and force majeure causes, such as earthquakes, floods, fires, etc.
3. The company's maximum responsibility for the factory products is to replace the same model and quantity of products.

4. In order to speed up the timeliness of repair or replacement, please indicate the fault phenomenon, the use environment, and the operation done when the fault occurs, so as to ensure that the maintenance situation is dealt with quickly.