

# Product specification



Model: AP-042RF

Name: 8-key RF iron case key

[Product name]: 8-key RF iron shell key

[Model]: AP-042RF

[Working voltage]: DC 12-24V

[Product weight]: 240g

[Controllable light bar]: 20 meters Every 10 meters connected to the amplifier can be connected to the light bar infinitely

## ● overview

The wireless RF controller adopts advanced computer control chip to control various 12V lamps with LED as the light source, such as: LED advertising module, point light source, soft light strip, wall washer, glass curtain wall light, etc.; It has the advantages of convenient wiring and simple use; This product has 19 change modes, which can realize three-color jumping, gradient, strobe, still color and other lighting change effects according to the actual needs of customers, and has the function of power-off memory to avoid frequent settings.

## ● peculiarity

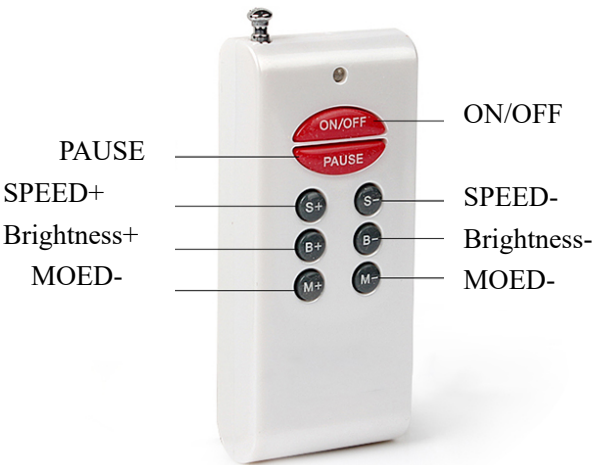
1. The input voltage is self-adapting to DC12~24V, and has the function of input polarity protection.
2. Adopt advanced PWM (pulse width modulation) control technology, the

- change effect is delicate, no flicker.
- 3. Strong driving load capacity and stable performance.
  - 4. Wireless remote control control, no directionality, remote control distance is not less than 20m.
  - 5. The remote control has low power consumption and long standby time.
  - 6. It has memory functions such as color, mode, speed, brightness, etc.
  - 7. The appearance is novel, beautiful and generous, especially suitable for indoor home and commercial occasions.

● Technical parameters

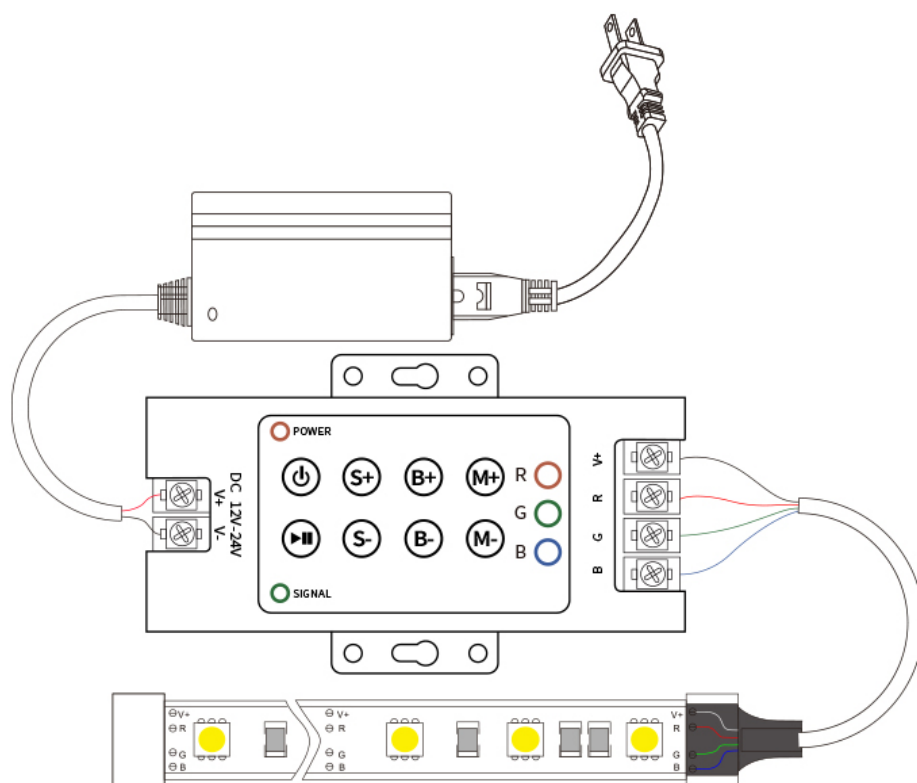
Machine	
Operating temperature	-20°C~60°C
Operating voltage	DC 5-24V
Output mode	Positive stage connection
Output control mode	PWM
Package size	L138*W83*H55mm
Control mode	433 Signal
Weight (gross)	240g
authentication	CE、RoHS

● 遥控及连接说明

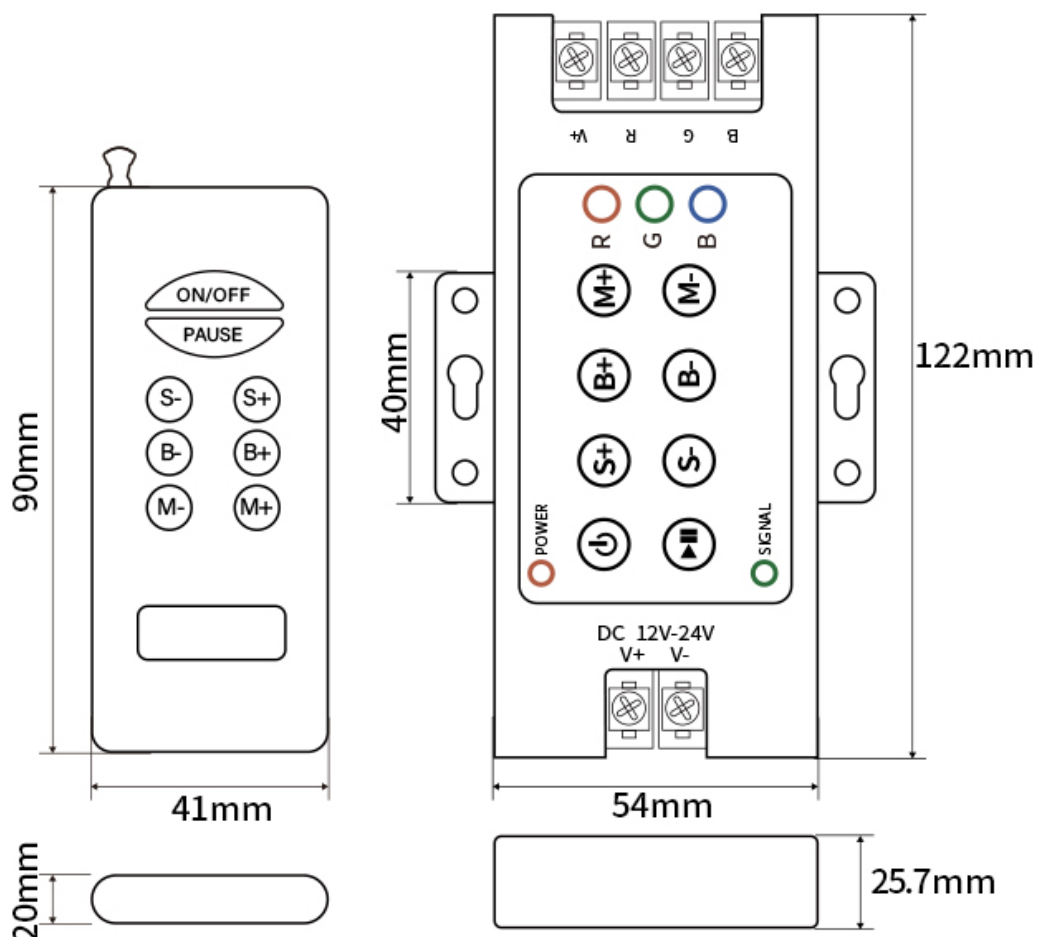




## Schematic diagram of the connection



## Product Dimension Drawing



## Product packaging



Controller size	Remote control size	Box size	1PCS	Carton size	50PCS
L122*W54*H25.7mm	L90*W41*H20mm	L138*W83*H55mm	240g	L420*W290*H300mm	12kg

## ● 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, 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:

Damage caused by man-made 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.

The shape of the product is seriously 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.