4-key RF aluminum shell controller

Model: AP-044RF name: 4-key RF aluminum shell

Overview

4-key RF aluminum shell controller is a universal RGB controller, which adopts the Advanced PWM (pulse width modulation) control technology at present; It can control all four-wire three-loop (common anode) LED colorful lighting products, brightness and color change frequency adjustment and 22 change modes, just like the magician around, it is at will, colorful and changes at one touch. Rendering the atmosphere of the party, creating a unique, warm and romantic color atmosphere. It is mainly applicable to the lighting control of constant voltage series products such as RGB LED light bar, Light Band and module.

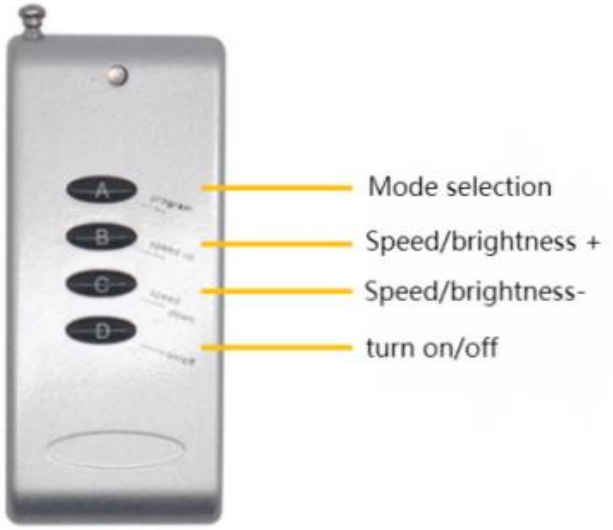
Product Application

Suitable for indoor and outdoor places such as home color and atmosphere embellishment, KTV private rooms, hotels, stages, casinos, cafes, shopping malls, birthday parties, home cinemas, holiday days, etc.

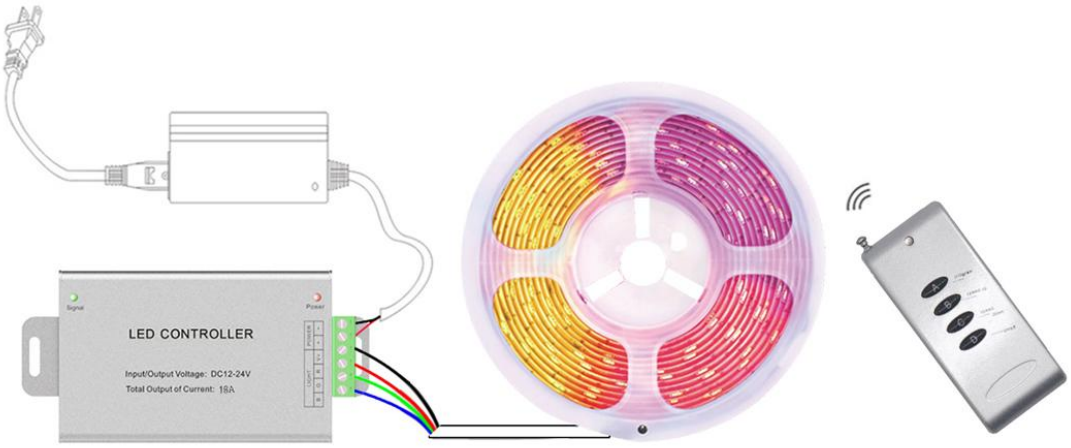
Product Parameters

Controller	
Operating voltage	DC 12V~24V
Output Current	6A*3CH
Output mode	Three CMOS pole outputs
Static power consumption	<1W
Remote control	
Operating voltage	DC12
Output Current	<30mA
Operating frequency	433MHz
Modulation method	ASK for amplitude modulation
Transmit power	<50mW
Oscillation resistance	4.7M
Working mode	433 RF

Product Description



Product link diagram



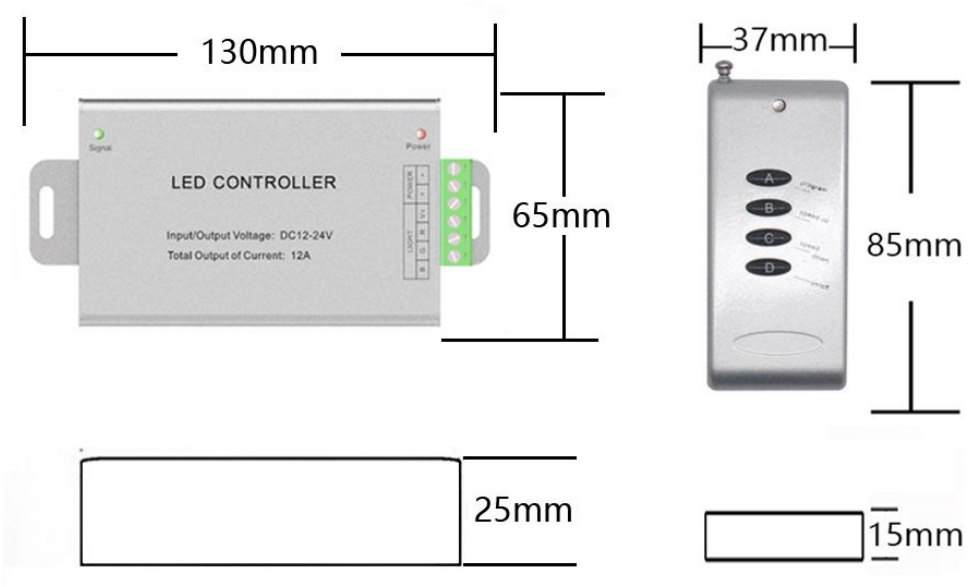
Schema table

No.	Mode	Remarks	No.	Mode	Remarks
1	Static red	Adjustable brightness	12	Dynamic Red	Adjustable speed and
2	Static Green		13	Dynamic Green	
3	Static Blue		14	Dynamic Blue	
4	Static yellow		15	Dynamic yellow	
5	Static purple		16	Dynamic purple	
6	Static cyan		17	Dynamic cyan	
7	Static White		18	Dynamic White	

8	Three-color jump	Adjustable speed and brightness	19	Red and blue gradient	brightness
9	Seven-color jump		20	Red and green gradient	
10	Three-color gradient		21	Green and blue gradient	
11	Seven-color gradient		22	Colorful gradient	

Size

1. Product size



2. Packing size

White box size	Weight/set	Carton size	Weight box (50/set)
L135*W83*H55mm	0.17kg	L420×W290×H300mm	9.5kg

Product Accessories

Remote

controller

instruction

Installation Precautions

1. Please debug and install this product by personnel with professional qualifications.

2. This product cannot be waterproof and needs to avoid sun and rain. If installed outdoors, please use a waterproof tank.

3. Good heat dissipation conditions will prolong the service life of LED controller. Please install the product in a well-ventilated environment.

4. Please do not install and use such products in lightning, thunder, strong magnetic field or high voltage.

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 used wire must be sufficient to load the LED lamps connected, and ensure that the wiring is firm to avoid accidents caused by overheating of the wire or poor contact.

7. Before power-on and debugging, ensure that all wiring is correct to avoid lamp damage caused by wiring errors.

FCC Warnning:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection againstharmful interference in a residential installation. This equipment generates, uses and can radiateradio frequency energy and, if not installed and used in accordance with the instructions, maycause harmful interference to radio communications. However, there is no guarantee thatinterference will not occur in a particular installation. If this equipment does cause harmfulinterference to radio or television reception, which can be determined by turning the equipmentoff and on, the user is encouraged to try to correct the interference by one or more of thefollowing measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1)This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 0cm between the radiator and your body.