

Product specification

Name: LED RF controller

Model: RF12#



One overview

The controller adopts advanced computer control chip, was controlled by the 433MHz wireless signal is used to control the various LED monochromatic lamps, light source such as light source, soft light, wall lamp, glass curtain wall lamp and so on; with the advantages of low price, convenient connection, easy to use and other advantages; according to customer requirements, can be adjusted to achieve single static level ten brightness, 8 monochromatic dynamic mode, can realize flashing, breathing, dimmed, flicker, flicker and other modes, and there are 10 levels of speed, speed controller with large span, easy to carry, easy to use etc.

Two technical parameters

Working temperature: -20-60

Supply voltage: DC5-24V

Output: 1 loop

The connection mode: common anode

Controller size: L35.0 * W15.0 * H4.5mm

Remote control size: L85.9 * W39.6 * H6.9mm

Packing bag size: L123.0xW90.0xH13.0mm

Net weight: 35g

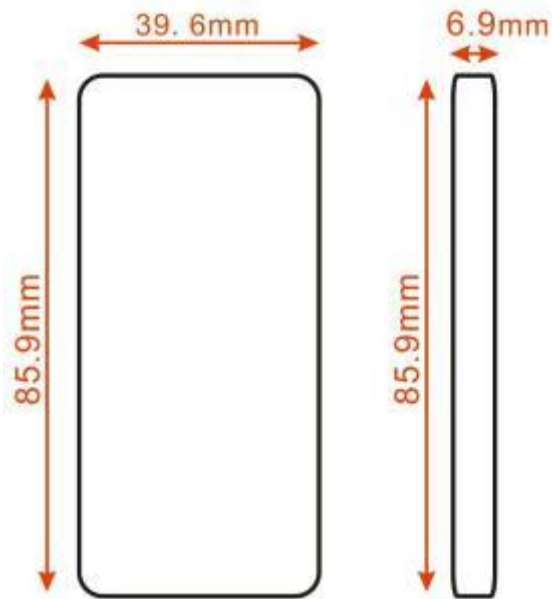
GW: 40g

Static power consumption: <0.5W

Output current: <8A

Output power: 5V<30W, 12V < 144W, 24V <198W

I. size of remote control:



Remote control size

Specifications of DC male and female head:



Power input standard DC head 5.5x2.1mm
5.5x2.1mm



Load output standard DC

lii. Instructions:

1, remote control instructions:

The remote controller has 11 buttons:



: In any state, press to open and close the controller.



: Press this key to switch to static mode in dynamic mode.



: In the dynamic mode, press the key to switch to the static mode, every time the brightness of a level, a total of 10



: In the dynamic mode, press the key to switch to the static mode, each according to the brightness of a level, a total of 10



: In the boot state, press the key to switch to 100% brightness static mode.



: In the boot state, press the key to switch to 50% brightness static mode.



: In the boot state, press the key to switch to 25% brightness static mode.



: In the static mode, press this key to switch to the dynamic mode, and then change the dynamic mode.



: In the static mode, press this key to switch to the dynamic mode, and then change the dynamic mode one at a time.



: In the static mode, press the key to switch to the dynamic mode, each press a speed increase a level, a total of 10



: In the static mode, press the key to switch to the dynamic mode, each press a speed to reduce a level, a total of 10

The dynamic model:

- 1/2 Flash 5 flash 1
- 2 breath mode 6 2/3 strobe
- 3 gradually fade out the 7 flash 1/3
- 4 dimmed 8 flashing

Four. Code decoding function:



When two keys are pressed for 3-5 seconds at the same time, the one-to-one pairing function can be realized. At this time, the LED light will flash to indicate that the one-to-one pairing is successful. When the pairing is successful, only the paired remote control can be controlled remotely.



: Press this button 20 seconds before starting up to clear the pairing, and then the light will prompt flashing to explain the function of clearing the pairing. After the pairing function is cleared, all the same remote controls can be controlled remotely.

Five. Connection application diagram:



FCC Caution.

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.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: 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 against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following 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.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.