

JCY-001/005 controller with light & color adjusting

Product Specification

Product Summary

JCY-001/002C is one more function LED Lighting telecontrol system with the color&light adjusting. JCY-001 is the wireless telecontroller, JCY-002C is the receiving controller both of them work in using to achieve the color&light adjusting function of LED Strip, no need the white led, only RGB led achieve the white.

JCY-001 Product Picture







JCY-001 Exterior Size 114mm×56mm×22mm

JCY-001 Function Describe

There are 5 press-keys and a touch color ring for the telecontroller.

5 press-keys as follow:

1. Key-press of the switch: red key, switch on or switch off.
2.  Color lighting: control the lamp into the color lighting mode, press 3 seconds, it can control the lamp into the color shading mode, the light can change the color automatically

3.  White lighting: control the lamp into the white lighting mode.
4.  Turn up the light: it can control the brightness increase of the lamp in any modes, it can increase one grade after pressing one time, the total is 8 grades.
5.  Turn down the light: it can control the brightness reduction of the lamp in any modes, it can reduce one grade after pressing one time, the total is 8 grades.

Touch color ring

Touch color ring is a high reliability touch inductor, it can reliably distinguish the location of the color ring, and only be effective for the body fingers. In the color mode, when the finger touch the corresponding color, it will control the lighting light give off the corresponding color.

When the automatic demonstration mode is being, the brightness adjusting can use normally, if exiting or keep the current color, press the color press-key, it will exit the automatic demonstration mode, and keep the current color.

Product Parameter

1. Case material: ABS+PC
2. Input Voltage 1.5V x 3 AAA battery
3. Power consumption of the standby: max 100uA normally, a set of new batteries can be used 9-12 months
4. Wireless frequency 433.92MHz, all integration chips design, can pass the FCC certification
5. Emission power less than 10mW
6. Mating telecontrol distance open area 20-30M

Points for attention:

1. When changing the batteries, please keep 10 seconds not to touch the color ring or use the palm to cover the color ring, so that improving the sensitivity and reliability of the touch induction. Please make sure write the point down the product specification, so as not to appear mistake for the final user. If happen the situation of touching color ring without reaction after changing the batteries, please take off the batteries, and reload the batteries after 10 seconds, and the attention is that: Don't touch the color ring or use the palm to cover the color ring in 10 seconds.
2. No using the telecontroller for a long time, the telecontroller will in a dormancy state, when touch it the first time, it will put off 0.1s.

JCY-002C Product Picture



JCY-005 Product Spec

1. Working voltage 12VDC
2. Control way 3 ways, respectively corresponding R G B three colors
3. Max output current for each channel 5000mA

4. Control way use PWM to control there is the resistance control of the led strip in series for the constant current of led
5. Receiving ways of the wireless ASK
6. Receiving frequency of the wireless 433.92MHz
7. Sensitivity of the receiver: -105dbm
8. Max current of standby:10mA
9. Max amount of the memory telecontroller 6pcs
10. Temperature condition -40~80 degree
11. Lifetime of the controller 40000hrs.

Using way

1 Matching of telecontroller and lamp

After finishing the matching of telecontroller and lamp, it can achieve the wireless control of telecontroller to lamp. The distance of wireless control is about 20 meters. One telecontroller can simultaneously control all valid code within the context of good lighting, please operate as per the following ways:

1. The matching of telecontroller and lamp: in the 3 seconds of connecting power and lamp light, press any keys of the telecontroller, the lamp will blinker 3 times, the code is successful, the lamp will be controlled by the telecontroller.
2. Please as per the above way to operate the code one by one, it can finish the control of one to many.
3. Clear away the code: when you don't want to use the telecontroller to control the lamp, press any keys 3 times, the lamp will blinker 6 times quickly, clearing way is successful, the lamp cannot be controlled by any telecontroller, if need to use matching again, repressing the NO.1 matching operation can be used normally.
4. It can't affect the finished matching after changing the battery, no need additional setting after loading the new battery, it can be used directly.

2 Using of the connect terminal:

Use the normal connection for connecting the terminal.

Use 6 hole connect ways, anode.

3 Points of the attention for installing:

It depends on the aerial to receive the signal for the wireless, so please keep the wireless away from the metal goods when installing, in order to avoid the receiving distance.

4□ Using model:

