

Model: SK100-K1-G2

Name: 2.4G 21-key Color Temperature Dimmer (by LBY)

Product Specification



Product Description

2.4G 21-key color temperature dimmer can realize graded dimming color temperature controller. It adopts button-type control mode, which is more reliable and practical in operation. Users can adjust the light to the appropriate brightness and temperature from a long distance according to actual needs. The remote control effect of 2.4G remote control frequency is stable, and the anti-interference ability is strong. In addition, it has a group independent control function, which can realize one-to-many control, adjust cold light, warm light, white light and other light changing effects.

Performance Parameters

- Operating Temperature: -20~55°C
- Supply Voltage : DC12V~24V
- Output Current: 2CH(Parallel output)
- Connection Method: Common anode
- Controller Size: L100×W47×H23mm
- Net Weight: 71g Gross weight: 97.5g
- Static Power: <1W
- Maximum Current: 16A
- Output Power: 12V:< 192W; 24V:<240W

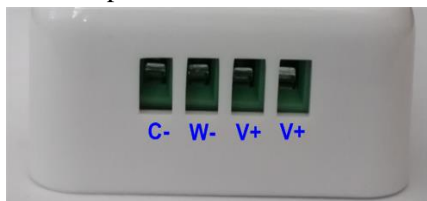
Interface Description

Power input interface:



It features mating plug with screw and DC female input interface

Load output interface:



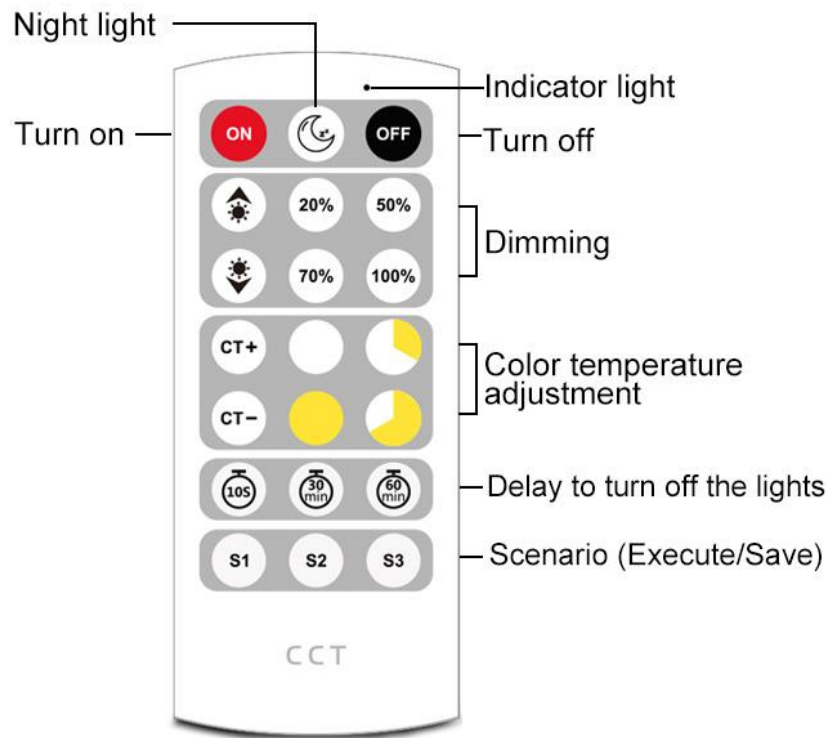
It uses a pair of plugs with screws as the load output interface

Instruction manual

● Remote control button description

As shown in the table:

| Project | Parameter | Remark |
|------------------------|----------------|--------------------|
| Working Voltage | 3V | 2pcs AAA batteries |
| Working Current | <10mA | |
| Transmission Frequency | 2.4G Hz | |
| Stand-By Current | <3 uA | |
| Adjustment Method | GFSK | |
| Remote Distance | 20-30Meter | |
| Exterior Dimension | L112*W48*H15mm | |



● **Function introduction**

- 1、 It performs wireless remote control through 2.4G radio frequency, the remote control does not need to be aimed at the controller, and can be manipulated around obstacles.
- 2、 Its remote control distance is about 20-30 meters.
- 3、 The remote control is controlled by buttons, which can realize the quick adjustment of brightness.

● **Control method:**

- 1、 Connect the load line first, and then connect the power line; make sure there is no short circuit between the connecting lines before powering on;
- 2、 Please note that only the power button is valid in the off state, and the controller enters the state before the last shutdown by pressing the power button for the first time in the off state.
- 3、 If you need group manipulation, the instructions are as follows:

Match Code/Clean Code Introduction

After leaving the factory, it defaults to Generic code mode, all remote controllers can be directly controlled, and the controller can only be controlled by the paired remote controller after matching code.

Match Code Method:

- Step 1. Turn off the power and wait at least 5 seconds
- Step 2. Turn on the power, and press and hold the “ON” button within 6 seconds. If the light flashes 3 times slowly, it means that the code is successfully paired.

Clean Code Method:

- Step 1. Turn off the power and wait at least 5 seconds.
- Step 2. Turn on the power, and press and hold the “ON” button within 6 seconds. If the light flashes 6 times slowly, it means that the code is successfully paired.

Reset:

Step 1. Please turn off the power and wait at least 5 seconds.

Step 2. Please turn on the power, and press and hold the “OFF” button within 6 seconds. If the light flashes 9 times slowly, it means that the code is successfully paired.

P.S.:

A.The controller can be matched with up to 6 remote controllers. If there are more than 6 remote controllers, the first matched remote controller will be overwritten in order.

B.If the operation is unsuccessful, the waiting time after turning off the power is extended to more than 10 seconds to ensure that the controller restarts.

**Notice:**

- 1、 The power supply voltage of this product is DC12~24V, and it must not be connected to other voltages;
- 2、 The lead-out wire of this product should follow the color and label provided in the wiring diagram, please wire correctly;
- 3、 This product cannot be overloaded.