

Model number: TG04

Product name: 4 zone 2.4G 14-key single color grouping dimmer

Products specification



Product description

2.4G 14-key grouping Single color controller can realize classification move light color. Use button type control mode, it is more reliable and practical. Users according to actual needs, to adjust the lights to the appropriate brightness and the degree of changes. Using 2.4G remote control frequency. The remote control effect is stable, strong anti-jamming capability. It also has the grouping independent control function, can realize the one-to-many control.

Technical Parameters

Controller:

Working temperature: -20-60°C

Input voltage: DC12V~24V

Output: 2 circuit

Connection mode: Common anode

Controller size: L85xW45xH23mm

Net weight: 50g

Static power consumption: <1W

Output current: <6A/ch

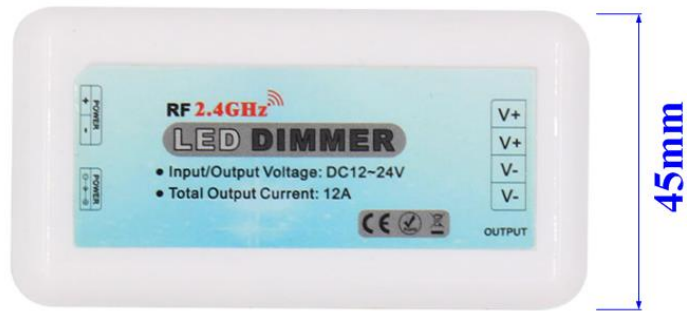
Output power: 12V:<144W, 24V:<288W

The remote parameter

Items	Parameter
Supply Voltage	3V, 2*AAA battery
Transmission power	2400-2483.5MHz
Modulation method	GFSK
Transmission power	6db
Standby power consumption	10uA

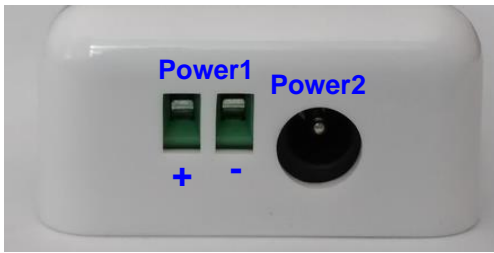
Remote control distance	20-30m
External dimension	110*55*20mm

External dimension



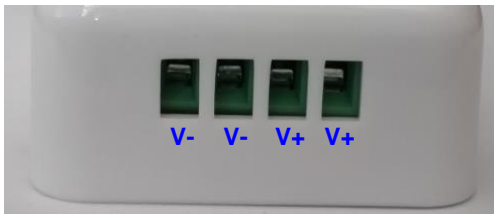
Connect instruction

DC Input:



Using the screw plugs and DC on the input interface of the bridge.

DC Output:



Using the screw plugs as load output interface.

The Function of keys



Function information:

1. Use the 2.4G radio frequency wireless to control, it no need to point at controller, can around the obstacles to control.
2. Remote control distance is about 20-30m.
3. Remote control has the keys to operate, adjustable the brightness and the speed.


Control methods:

1. Connect the load line firstly, then connect the power line; make sure all lines no short circuit before power on.
2. It's only the ON button is valid when it's OFF state, during it's OFF state, the first time then press ON, it will back to the state which you stay before shutdown last time.
3. Grouping control instructions as below:

Programming (code matching and code clearing):

Remote control need to be coded with the receiver before using, methods the following:



• Code matching:

After ensure that the power supply connection normal, selected need to group control receiver, Cut off the power supply, after 10 seconds connect power supply, **Within 3 seconds**, click on the corresponding key "**Grouping lamp ON**" , the led strip light "**slowly flash 3 times**" is for matching group successfully.


Repeat the above steps for other groups of light to carry on the corresponding group.

Note: Each receiver only can be matched with one group of the same remote control, any one group On the remote control can match innumerable receivers, but one receiver only accept 4 remote controls to match at the same time.


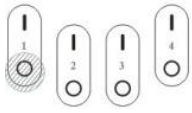
• **Code clearing and regrouping--** If the receiver installation layout change, need to change the previous group match, before the regrouping, it need to clear the address code of the remote control and receiver which have been matched, methods the following:

Selected need to clear the address code receiver, cut off the power supply, after 10 seconds connect power supply, After turning on the power supply, **Within 3 seconds**, click on the "**ALL ON**" button  or corresponding "**Grouping lamp ON**"  for **effective 5 times**, the receiver "**quickly flash 5**



times" is for clearing successfully. Then the operation of the regrouping method is the above "Code matching" points.

Note: The code needs to match for grouping, however the code clearing can be grouped to clear, can also be one-time all clearing. If you want to clear all, method: Cut off all power supply, after 10 seconds connect power supply, After turning on the power supply, **Within 3 seconds**, click on the "**ALL ON**" button  for **effective 5 times**, after all the receivers "**quickly flash 5 times**" is for clearing successfully.

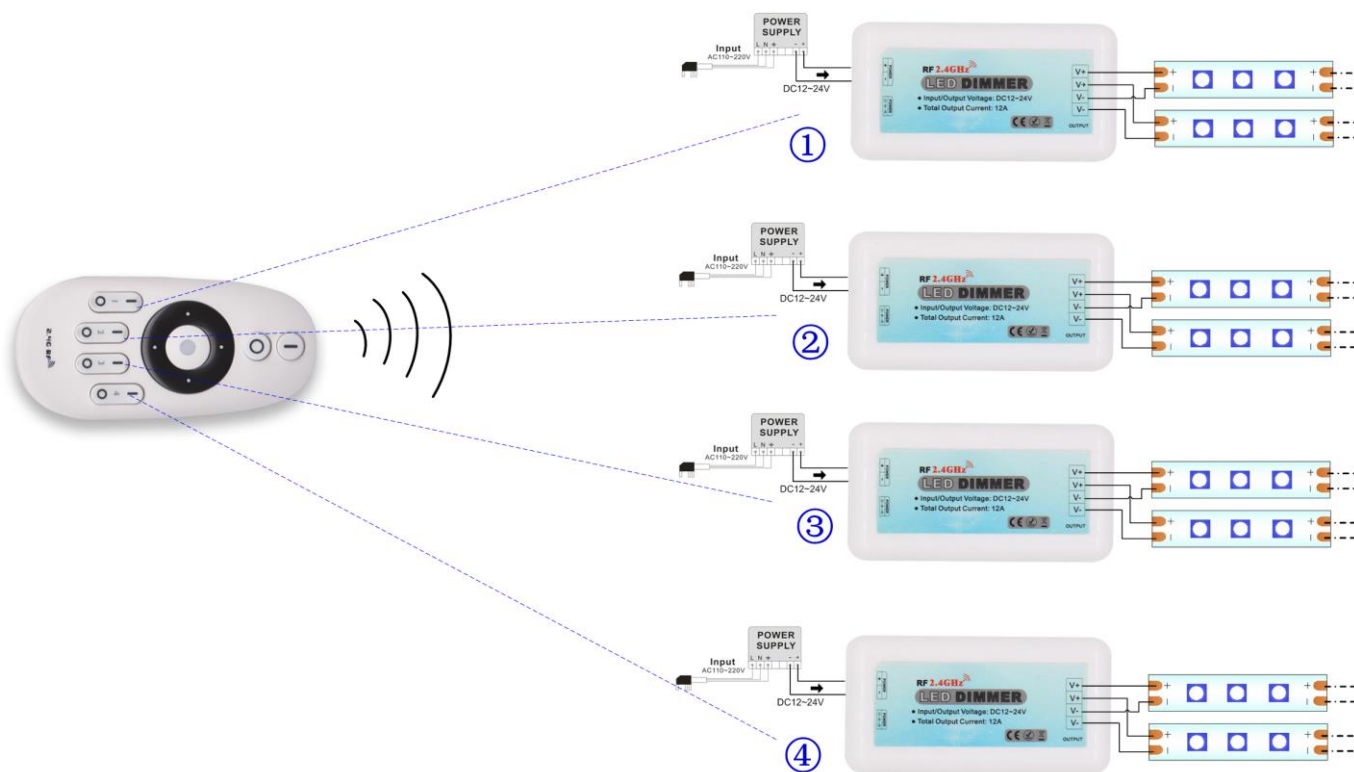
Night-light or the most brightness fast mode

Night-light: Normal power on state, long press "ALL OFF"  button, all receivers will turn to the night-light mode. Long press the "**Grouping lamp OFF**"  , each group receiver will turn to the night-light mode accordingly. The night-light brightness is the 1% percent of the maximum brightness.

The most brightness fast mode

Normal power on state, long press "ALL ON"  button, all receivers will turn to the most brightness mode. Long press the "**Grouping lamp ON**"  , each group receiver will turn to the most brightness mode accordingly.

Connection diagram



Cautions:

- 1、 This product only use on supply voltage DC12-24V, do not input on other voltage.
- 2、 The lead wire shall be according to the wiring diagram of the color and label, connect correctly.
- 3、 This product can not be overloaded.