

Product Description:

RGBW Bluetooth LED controller is a universal RGBW controller controlled by mobile phones. It adopts Bluetooth 4.0 technology and the most advanced PM (pulse width modulation) control technology; it can control all 5-wire 4 loops (common anode) LED full-color lighting products , Such as: LED module, LED strip light, LED light box, etc.; has the advantages of convenient wiring and simple use; has the functions of memory storage, indicator synchronization display, etc.; mode selection, brightness adjustment, speed adjustment and other functions are carried out through the remote control of the mobile phone; According to the actual needs of customers, various dynamic lighting effects such as jump, gradual change, and strobe can be realized.

Performance parameters:

Working temperature: -20~60°C

Power supply voltage: DC5~24V

Output: 4 channels

Connection method: common anode

Static power consumption: <1W

Output current: <4A/ch

Output power: 5V: <80W; 12V: <192W; 24V: <384W

Product Size:




Input and output interface:



The input interface can be hard-wired or DC head input power supply, the output interface is hard-wired

Using Instructions:

1. Install the Bluetooth control software App-"Happy Lighting"  on the mobile phone before use.

The installation methods are as follows:

1) Scan the following QR code to download and install the software APP:。



Note: The Android system requires 4.3 and above versions of Android phones to be available, and the ios system requires IOS6.0 and above to be available on Apple phones.

2) Search for "Happy Lighting" in Google Play Store (Android phone> or App Store (Apple phone>) to download and install.

2. Download and install the software, after the installation is complete, turn on the Bluetooth function of the mobile phone.

3. The controller part is connected to the load line first, and then to the power line; make sure that there is no short circuit between the connecting lines before powering on;
4. Open the control software "Happy Lighting". If the mobile phone does not turn on Bluetooth, the software will prompt to open a Bluetooth account, please click "Allow", otherwise the controller device will not be scanned if you click Reject.



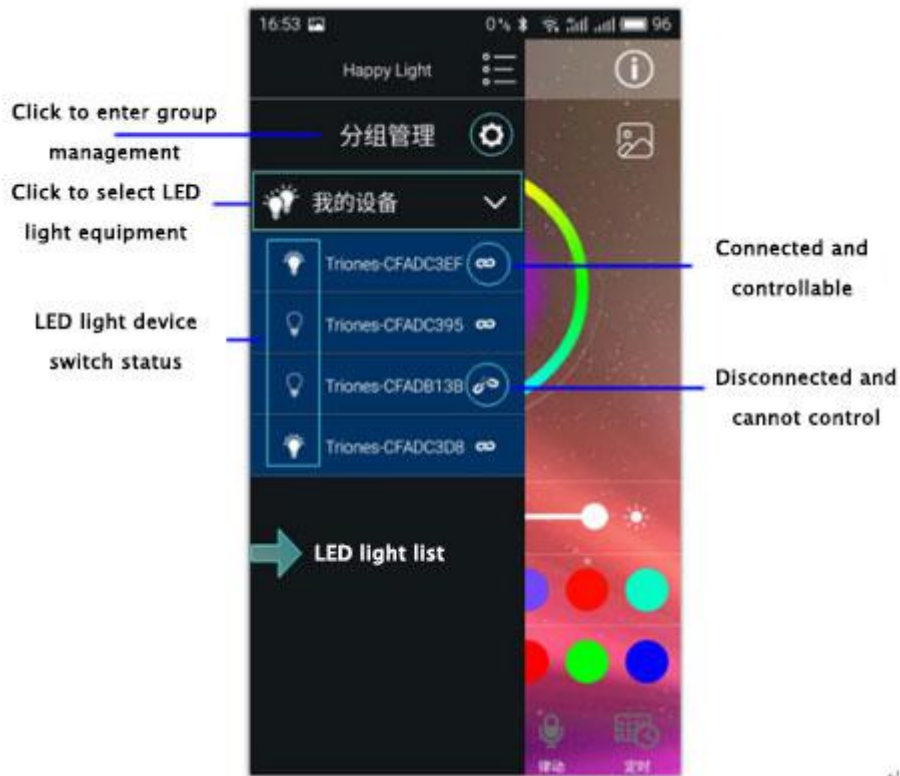
2. After the software is opened, the light equipment can be conveniently controlled. See the following introduction for specific control instructions.

- Introduction to mobile phone App interface functions: (Bluetooth 4.0, no need to aim at the controller during remote control, can be manipulated around obstacles)



1. List menu description:

Lighting equipment list-click the icon in the upper left corner: select the lighting equipment you want to control, a mobile phone can control up to 4 lighting equipment, the lighting equipment can be controlled separately and at the same time; and each lighting equipment can only be controlled by one mobile phone at the same time Manipulation. Note: After opening the software, you need to wait for 5--20 seconds, the software will automatically scan for nearby powered-on light devices, click on the light list bar and connect the required light-operated devices, pay attention to the connected symbol changes, as shown in the figure below Show:



Setting list-brief description of mobile phone control, shake the function switch, you can use shake the phone to switch the color



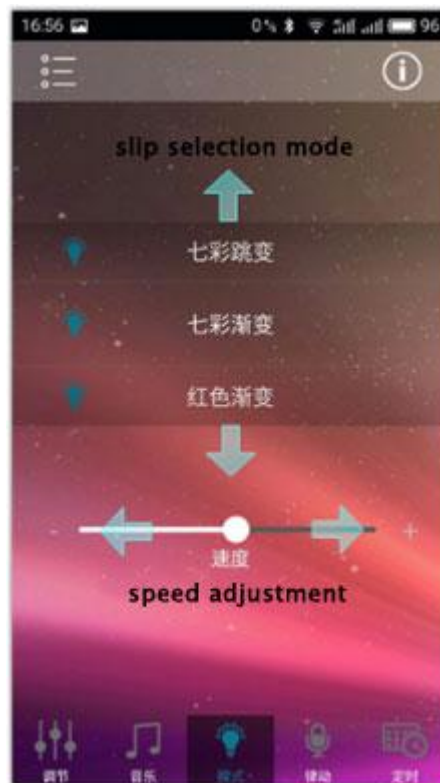
2. Main interface-static color adjustment



3. Music mode: the mobile phone plays music, the controller output lamp can change the color according to the rhythm of the music



4. Dynamic mode: built-in 20 kinds of dynamic change modes, which can be selected by sliding up and down, and sliding left and right to adjust the speed of change



5. Voice control mode: the controller device changes the color of the lamp according to the surrounding sound



6. Timing mode: According to actual needs, you can set the switch state of the lamps and lanterns regularly. Note: After setting the timing, it can be turned off and off, and the timing will also work.

