Instructions for using the 9555-LS1 All-in-One machine

【9555-LS1】

Dear Users

Thank you for choosing our new generation LED light engine. By reading this manual, you can fully understand the characteristics and how to use our light engine.

We will continue to optimize the product design, if there's any change, our sales department will keep you noted if there's any update in the design.

Safety Notes

1. **When using this machine, please make sure that the input voltage used matches this engine's designed voltage.**
2. **Non-professional personnel are not allowed to disassemble this engine, which may cause danger.**
3. **This machine is not waterproof, so it needs to be kept dry. Please choose a suitable environment when using it.**

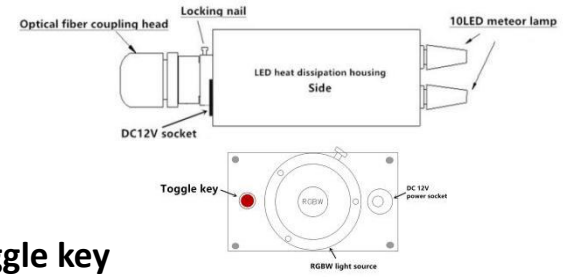
essential parameter

Voltage: DC 12V (red + black-) / power transformer
Power: 36W Max (depending on the luminous color)
Dimensions: 55 * 95 * 180MM
Caliber: 30mm

Product profile

The light source machine is mainly composed of wireless Bluetooth control module + four constant current circuit and RGBW light source + heat dissipation system; the control module of RGBW adopts mobile phone APP + remote control (dual control technology), can realize wireless intelligent control, various colors, modes, automatic color control (with music rhythm), with pure white light, with memory function, small function, all aluminum body cooling more efficient, widely used in various optical fiber lighting and starry top lighting

This light source also adds meteor source, the star meteor; 10LED flow in sequence, with multiple fibers (following the production method), the speed and tail of the meteor can be adjusted by remote control or mobile phone APP; 10LED in addition to the meteor mode, there are random flash mode, audio rhythm mode, can add dynamic effect to the conventional star lamp.



Toggle key

1 After pressing, RGBW flashes green light several times, and the light source machine is: main control mode

2 After pressing, RGBW flashes blue light several times, and the light source machine is: slave control mode

3 After pressing, RGBW flashes red light several times, and the light source machine is: normal BLE mode

If multiple machines need to be synchronized, one light source machine can be set as the master mode, and other light source machines can be set as the slave control mode, and all the slave control machines will be synchronized with the master control machine (the master control machine is controlled by the remote control); If it is a single machine, you can set it to normal BLE no broadcast mode.

APP Control

Scan to download APP : LED LAMP

operating steps

1 Scan the QR code on the mobile phone to download the APP software

2 the light source machine is connected to the 12V power supply

3 The mobile phone directly click on the LED LAMP software (need to turn on Bluetooth and positioning)

4 Select / add the sub-software LED BLE, and the system will automatically connect the device

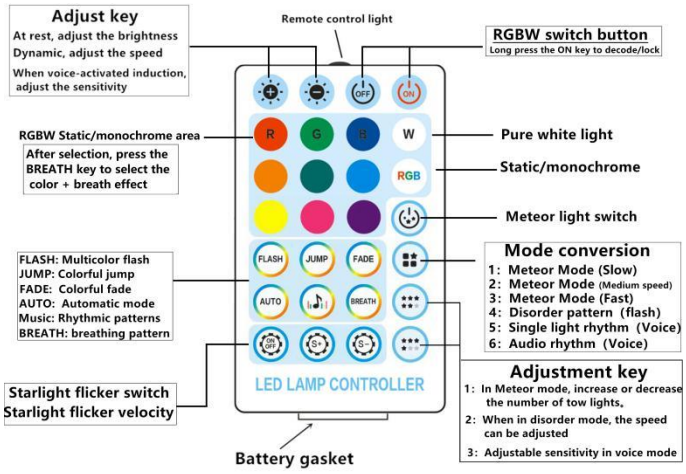
5 Various operation skills, the tutorial can be viewed in the APP

Precautions:

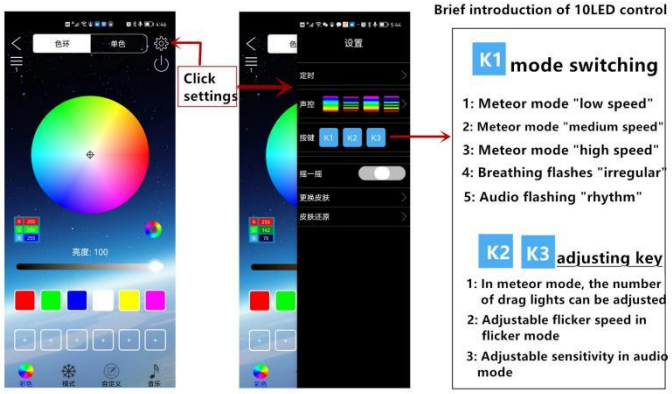
You don't need to search or match the Bluetooth on your mobile phone. Just open the Bluetooth Function on, Open the LED Lamp APP, Connect the light engine with power, then the APP will automatically search and connect with the light engine.

(Support IOS & Android)

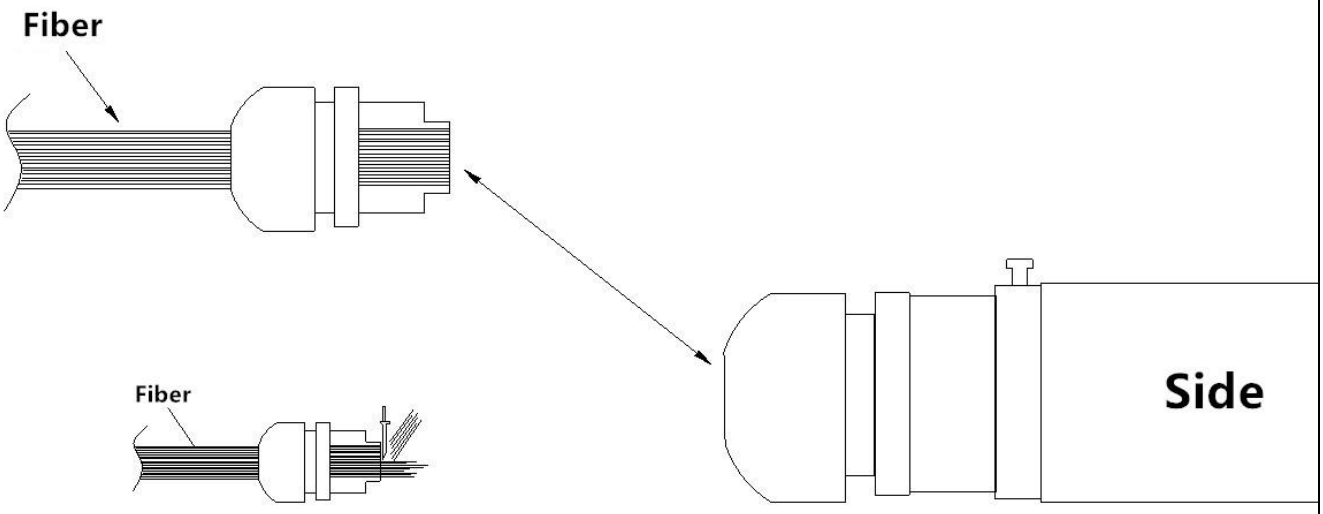
Remote Control



Mobile APP control 1OLED:



How to Connect Optic Cable to the Light Engine's Port:

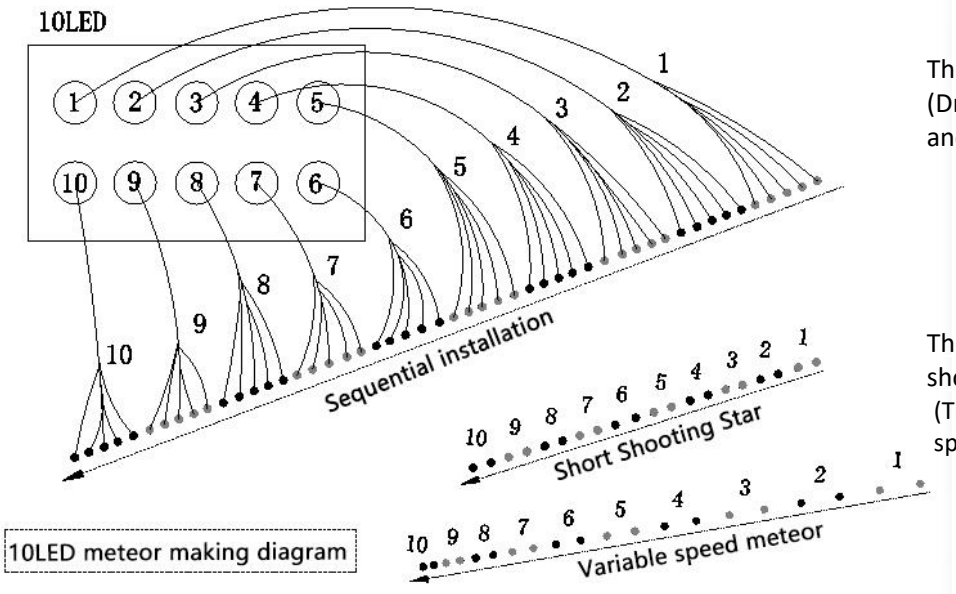


Cut the end face of the optical fiber flat

10. LED meteor installation method:

First, understand the motion direction and order of 10LED light source, and mark the sequence number, use the light of the light source to the end with multiple optical fibers, install according to the sequence number order, and can form a meteor (as shown in the picture).

In the figure, the long meteor is composed of 50 points (50 optical fibers), 50 points are divided into 10 sections (5 points in each segment). 5 optical fibers are drawn from each light source and installed in sequence to form a long meteor; the total length is determined according to the point distance, and the general point distance is 1-2CM.



10LED meteor making diagram

The short-bar meteor consists of 20 dots in Fig (Draw 2 optical fibers from each light source and install them in sequence)

The fabrication of the variable-speed meteor shown in Fig
(The distance of the point changes, and the flow speed also changes.)

FCC Warning

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.

NOTE 1: 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.

NOTE 2: Any changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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