

# LED Fresnel spot LIGHT

## Manual



Important note: to use lamps correctly, please read all the terms of this instruction. Please keep the instruction book in case you need it.

# 1 before use

## 1.1 the crates

Thank you for using this company's products, please read this instruction manual carefully and carefully and keep it for reference. This specification contains important information about the installation and use of large power LED lights. Please follow these instructions carefully when installing and using.

When receiving the product, please check that the product is damaged by shipment.

## 1.2Product introduction

This 300W LED SPOT LIGHT, which is made from cast-aluminium shell, is beautiful, efficient and efficient, and is suitable for indoor use.

Products strictly according to CE standard design production, in line with the international standard DMX512 protocol, as well as a single control, also can use spreading into each other, suitable for large-scale theatrical performances, theaters, studios, and other places to use.

## 1.3 product features

1.3.1 has the function of smooth adjustment, no flicker, no flicker of the dimmer process, the adjustment speed can be adjusted by push rod.

1.3.2 The built-in temperature sensor automatically adjusts the light amount according to the temperature to prevent the lamp from overheating.

1.3.3 has power and DMX512 signal light, which can be monitored at work condition.

1.3.4 digital tube pure digital display.

1.3.5The buttons and the digital tube display can be inverted.

1.3.6Both the power line and the signal line are connected by hand.

1.3.7 USES a reflective cup to project a uniform flare.

Product general performance:

\* adjust 0 to 100%

\* stroboscopic

\* self-walking program

\* the protection level IP25

1.4 specifications

1.5 Technical parameters:

External working voltage: ac100-240v, 50/60hz,

Maximum power: 350W

Beam Angle: 15-50 degrees

The number of colors of various colors: 1

Using the environment temperature range: 15 °C and 40 °C

1.6 safety warning

Important note:

The manufacturer will not be responsible for any accidents and losses caused by any unauthorized use and unauthorized alteration of the equipment.

Special attention should be paid to the voltage of the power supply to ensure that the voltage range is within the voltage range of the technical parameter marker (100v-240v). Due to many rural areas of voltage fluctuation range is too big, be sure to connect a power supply voltage regulator, and then connect the lamps and lanterns, the lamps and lanterns may be burned or make lamps and lanterns can't work.

Pieces do not use other electrical power cord and the lamp power supply input/output connector line together, also do not put other appliances DMX512 signal with this light DMX512 signal input/output connector lines connected together.

To ensure the safety of the power supply, please use the quality electrical outlet or cut the plug directly.

It is not recommended to use this lamp in direct sun exposure to avoid overheating during work.

## **2 the installation**

### 2.1 device

If the lamp is used as a lamp or top light, please put the lamp on the hanging arm of the lamp, screw tight. Then hang the lights on the truss. Adjust the position Angle of the light beam azimuth, and tighten the handle screw. If the lamp as a row of lights or footlights to use, as long as the two hanging arm off a certain Angle, sit here as a scaffold, and then adjust the lamps and lanterns and the Angle between the hanging arm, use light meets the requirements of elevation, then tighten the handle screw.

### 2.2 the power connection

This product USES the input output power line of 1.5 square mm copper core wire, plug is 2 core 10A pair. When the power cord is in series, no more than 16 lights will be used when using 220V ac power.

Use this product DMX512 signal input and output don't more than 16 lamp, street line connection in DMX controller with light or light with the light signal lines, more than 100 meters, must increase the level of signal amplifier.

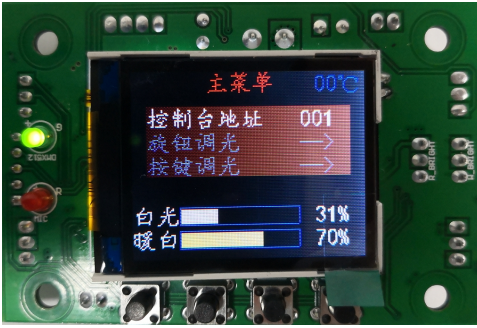
### Project distribution installation

In adopting the company lamps and lanterns, if adopt the three-phase five-wire system, the zero line should be on each phase

This is the uniform output from the box, not a single zero.

## **3 Operating method**

### **3.1 Display and key operation part:**



Operational instructions: Under the main menu, press the up and down keys to select different function menus, select different function menus, then press the confirmation key to enter the corresponding pull-down menu functions, and press the increase or decrease key in the pull-down menu to modify its parameter values. Press the confirmation key to return to the main menu.

### 3.2 Function

NO	display		Explain
1	DMX-Addr 001		Under the current main menu, press the confirmation key to enter the adjustment state, press the upper and lower keys to adjust the address code, then press the confirmation key to save and exit the adjustment state.
2	Rotary-AD J	0—255	Under the current main menu, press the confirmation key to enter the drop-down menu, and adjust the dimming knob to adjust the brightness of the light. Press the menu key to return to the upper menu.
3	Key-ADJ	0—255	Under the current main menu, press the confirmation key to enter the drop-down menu, and press the up and down keys to adjust the brightness of the lights. Press the menu key to return to the upper menu.

4	Focus-ADJ	0—255	Under the current main menu, press the confirmation button to enter the drop-down menu, and press the upper and lower keys to adjust the focus of the light. Press the confirmation key to save and exit the adjustment state.
5	Screen Rotate	ON/OFF	Press the confirmation key under the current main menu, press the confirmation key to enter the drop-down menu, press the up and down keys to adjust the brightness of the light. Press the menu key to return to the upper menu. Enter the selection state, press the upper and lower keys to select, determine the key to save and exit, press the menu key to return to the upper menu.

### 3.3 Background display window description

NO	display	
1	WW-SELECT	0—255
2	RT-SELECT	0—255
3	Fan temp	20--70
4	Lowpower temp	35--90
5	Protect temp	ON/OFF
6	CW-GLO	20—255
7	WW-GLO	20—255
8	Focal stroke	0—255
9	Focal speed	0—100
8	Language	EN
9	Screen saver	ON/OFF

### 3.4 DMX512 Channel Description

NO	Function	Description
Channel 1	Dimming	Total dimming, linear dimming, from dark to light

Channel 2	Strobe	Total strobe, from slow to fast
Channel 3	Warm white dimming	Warm white dimming, linear dimming, from dark to bright
Channel 4	Warm white dimming	Warm white dimming, linear dimming, from dark to bright
Channel 5	focus	

#### 4. RDM Description:

NO	Function	Description
1	Feedback (Address Code)	Free to change
2	Feedback (Equipment Temperature)	Unmodifiable

After power-on, turn on the console power supply. When the signal of DMX512 console is not received, the Dmx indicator does not turn on. When the signal of DMX512 console is received, the Dmx indicator lights up, which is controlled by the console signal.

In the address code state, if there is no console after multi-computer connection, the master-slave online function can be realized. One of the devices can be operated. The other devices in the address state run synchronously with the host. When the master-slave online, the DMX512 signal must be cut off.