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# LED SPOT LIGHT

## RGBLA Manual



Important reminder: In order to use the lamp correctly, please read all the terms of this manual carefully. Please keep the manual properly for future needs.

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# 1 Before use

## 1.1 Unpacking inspection

Thank you for using our company's products, please read this instruction manual carefully and completely, and keep it properly for reference when using it. This instruction manual contains important information about the installation and use of high-power LED lights. Please strictly follow these relevant instructions during installation and use.

When receiving the product, please check the product for damage caused by transportation.

## 1.2 Product Introduction

This high-power LED spotlight is made of cast aluminum housing, with beautiful appearance, high efficiency and power saving, durable, suitable for indoor use.

The products are designed and produced in strict accordance with the CE standard, in line with the international standard DMX512 protocol, and can be used for single control or mutual control. It is suitable for large-scale cultural performances, theaters, studios, disco and other places.

## 1.3 Product Features

1.3.1 With smooth dimming curve function, no flicker and no jitter during the dimming process, dimming speed can be adjusted by push rod.

1.3.2 Built-in temperature sensor, automatically adjust the light output according to the temperature intelligently, so as to effectively avoid the overheating of the lamp and crash.

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1.3.3 With power supply and DMX512 signal indicator, it can monitor the working status.

1.3.4 Lcd touch digital display.

1.3.5 The keys and nixie tube display can be inverted.

1.3.6 The power cable and signal cable are connected hand in hand.

The general performance of the product:

- \* Dimming 0-100%

- \* Strobe

- \* Self-propelled program

- \* Protection grade IP20

## 1.4 Product Specifications

LED light model:

technical parameter:

- ◆ External working voltage: AC100-240V, 50/60Hz,

- ◆ Maximum power: 350W

- ◆ Beam angle: 15-50 degrees

- ◆ Color : RGBLA

- ◆ Operating temperature range: -15°C-40°C

# 2 installation

## 2.1 Device

If the light is used as a skylight or ceiling light, please install the light hook on the hanging arm of the light fixture and tighten the screws. Then hang the light hook on the truss. Adjust the attitude angle of the lamp according to the required light beam orientation,

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and tighten the handle screw. If the lamp is used as a floor row lamp or a foot lamp, as long as the two hanging arms are diverged at an angle to serve as a floor support, then adjust the angle between the lamp and the hanging arm to make the light elevation angle meet the requirements, and then tighten Handle screws are sufficient.

## **2.2 Power connection**

This product uses an input and output power cord of 1.5 square millimeters of copper core wire, and the plug is a 3-core 10A plug. When the power cords are connected in series, no more than 8 lamps can be used when using 220V AC power.

When using the DMX512 signal input and output street line of this product, do not connect more than 8 lamps. If the signal line between the DMX console and the lamp or between the lamp and the lamp is more than 100 meters, a first-level signal amplifier must be added.

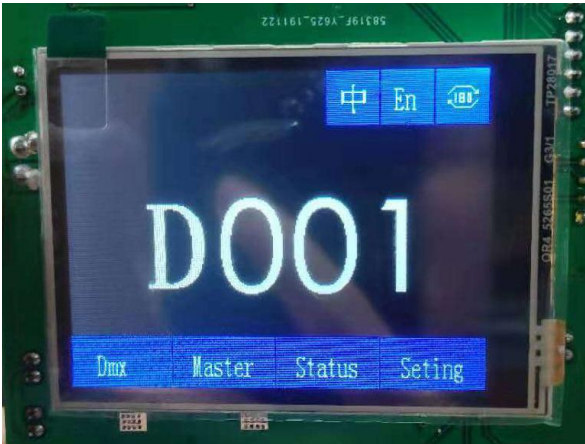
## **2.3 Engineering power distribution**

### **installation**

When using the company's lamps and lanterns, if a three-phase five-wire system is used, the neutral wire on each phase should be It should be output from the electric box uniformly, and it is not allowed to share a neutral line.

## **3 operation method**

### 3.1Menu-description



### Menu structure diagram

Main menu	Submenu	Submenu	Explanation
DMX	DMX address	001	DMX512address
	return		
host	brightness	100	
	Color temperature	8000K	
	return		
information	software		
	version		
	temperature		
	DMX status		
	RDM status (M, T/R)		

	RDM UID		
	return		
senior	Touch screen calibration		
	red current	235	
	green current	235	
	blue current	235	
	white current	235	
	yellow current	235	
	Dimming curve	Standard	
	Protection temperature	55	
	Backlight brightness	100%	
	Screensaver time	off	
	Restore default settings	no	
	return		

### 3.2DMX512Channel table 11 channels

ch	function	Explanation
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Ch1	Focus	Focus 0-255
Ch2	Total dimming	Total dimming, linear dimming, from dark to bright
Ch3	Total stroboscopic	Total stroboscopic, R, G, B, L,A from slow to fast
Ch4	Function selection	0-5 empty; 6-100 jump 101-200 gradient 151-255 pulse change
Ch5	Function speed	Function speed, from slow to fast
Ch6	RDimming	RDimming, linear dimming, from dark to light
Ch7	GDimming	GDimming, linear dimming, from dark to light
Ch8	BDimming	BDimming, linear dimming, from dark to light
Ch9	WDimming	WDimming, linear dimming, from dark to light
Ch10	YDimming	YDimming, linear dimming, from dark to light
Ch11	CT	CT (2000---8000K) switch

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