

CLAIR LIGHTING

LED Par Can Zoom Spotlight

User's Manual



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.

1.2 Product introduction

This 200W 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.

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

1.3.6 Both 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: 250W

Beam Angle: 4-50 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.

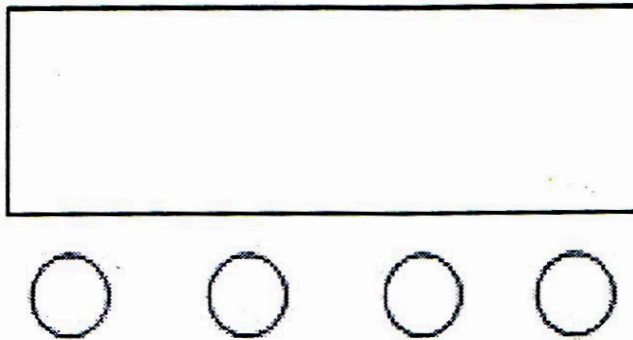
Project distribution installation

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 operation method

3.1 panel



A. **The function keys**

B. add key

C. **Reduction** key

D. Identify key

E. LED display

A B C D

Operation note: A will loop through six different functions, and the first two digits of the digital tube represent the current function (refer to the function table). The last two Numbers represent the location of the function. The address code. Or the speed, the parameter. The parameter values can be modified by a B or C key. Press the D button to confirm.

3.2 The background display window function comparison table, (all functions are selected and then press D to confirm)

序号	显示	功能说明
1	o235	White current, (020-255) default 235 B, C key to modify the current
2	U128	Motor stroke, (000-255) default 128 B, C key to modify the motor stroke
3	J128	Motor calibration, (000-255) default 128 B, C key to modify the motor correction

4	t005	Motor speed, (000—028) Default 5 B, C key to modify the motor speed
5	E080	Dimming speed (000-200) default 80 B, C key to modify the dimming speed
6	C060	Temperature setting (040-070) default 60 B, C key to modify the temperature value

3.3 LED display window function table. (all functions are confirmed by D key when selected)

serial	function	instructions
1	A001	Channel address code, (001-512) B, C key plus or minus address code value
2	CH4-CH3-CH2	Channel switching (001-512) B, C key plus or minus address code value
3	ST99	Flashing, (01-99) B, C key to modify the pulse, speed
4	CP 00	Gradient, (01-99) B, C key to modify the pulse change, gradient speed
5	BEB1	Voice change
6	W255	White brightness, (000-255) B, C key to modify the color selection
7	t000	Motor position, (000-255) B, C key to modify the motor position
8	-ON- -OFF	/ Display security on/off

3.4. DMX512 channel specification (4ch)

serial	function	instructions
channel 1	W dimmer	W Dimming, linear modulation, dark

		to light
channel 2	strobe	Frequency flash, from slow to fast
channel 3	Flash	0-255 from slow to fast
channel 4	focusing	Focal length from small to large

3. 5. DMX512 channel specification (3ch)

serial	func tion	instructions
channel 1	W dimmer	W Dimming, linear modulation, dark to light
channel 2	strobe	Frequency flash, from slow to fast
channel 3	focusing	Focal length from small to large

3. 6. DMX512 channel specification (2ch)

serial	func tion	instructions
channel 1	W dimmer	W Dimming, linear modulation, dark to light
Channel2	focusing	Focal length from small to large