

user's manual

Thank you for using the products produced by our company. For your safe and effective use of this product, in your before using this product, please read this manual carefully and completely. This manual contains

Also: Product performance characteristics and how to install it safely, as well as important information on use.

Please keep it properly for reference during use. Please strictly follow the relevant instructions during installation and use.

Product description:

36 LED beam lights, a new revolution in moving head beam lights! Lighter... The total mass is only 6KG! Faster...X/Y axis move faster, run smoother and with less noise! The software has the function of correcting and positioning to make up for hardware errors. The positioning accuracy is quite high! Completely solve the inaccurate X/Y positioning! Brighter...3-in-1 optical lens combination, 16CH channel mode.

Technical parameter:

Power supply: AC100V-240V

Frequency: 50Hz-60Hz

Total power: 150W

Fuse: 7A

Light source power: 100W

Color temperature: 8500K

Average life: 2000H

Control signal: international standard DMX512

Appearance: high temperature plastic + molded alloy material

Light body color: black

Protection class: IP20

Net weight: 6.KG

Function introduction:

1. International standard control signal: DMX512
2. Number of channels: 16CH channel mode.
3. Number of motors: 2 silent motors in total
4. The X axis rotates horizontally at 540°C, and the Y axis rotates vertically at 270°C, with automatic correction and positioning.
5. The X and Y axes can be adjusted and adjusted finely, and the software has the function of correcting and positioning, with high precision!
6. Dimming: 0-100% linear adjustment.
7. Strobe: Strobe speed (1-30 times/sec), full linear dimming and variable strobe speed.
8. Overheating intelligent protection
9. Intelligent dimming control (extended lamp life)

Connection of DMX512 signal:

This lamp uses the DMX512 signal control mode, the control signals of each lamp are in a parallel relationship, and when connecting multiple

When connecting lamps and lanterns, it is best to use double-core shielded cables. When connecting, each lamp is connected through the DMX signal jack on the lamp.

(XLR) INPUT (input) and OUTPUT (output) are connected, and the 3-core of the signal line of the lamp is connected

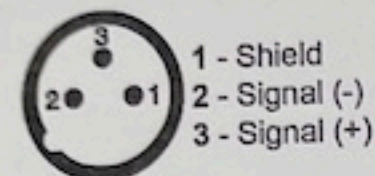
The XLRXL plug terminals must correspond to each other. When connecting the lamp signal, it is recommended to use the DMX signal terminal.

It can be avoided that the control signal will be damaged due to the electric noise. The DMX signal

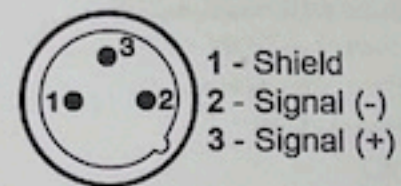
terminator is an XLR plug.

Connect a 120 ohm 1W resistor between pins 2 and 3, and connect it to the last lamp on the OUTPUT jack.

DMX - output XLR mounting-sockets (rear view):



DMX-input XLR mounting-plugs (rear view):



Lamp start address code calculation method:

The starting address code of the current fixture is equal to (the starting address code of the previous fixture) + (the number of channels of the fixture) Description:

- 1: The starting address code value of the first lamp is A001.
- 2: The number of basic channels of the controller should be greater than or equal to the total number of channels used by the lamps.
- 3: Note: When using any controller, each lamp must have its own starting address code, if the starting address code of the first lamp is set to A001, and the number of lamp channels is 16CH; The starting address code of the two lamps is set to A017; the starting address code of the third lamp is set to A033; and so on, (this setting method also needs to be determined according to different consoles)

Installation instructions:

This lamp can be placed horizontally, obliquely and upside down, and you must pay attention to the installation method when you are inclined or upside down.

Fixed installation of lamps: Before positioning the lamps, ensure the stability of the installation site. When installing in reverse hanging, make sure that the lamps do not fall off the support frame, and use safety ropes to pass through the support frame and the lamp handle. Carry out auxiliary hanging; to ensure safety. Prevent the lamps from falling and sliding. When the lamps are installed and debugged, pedestrians are prohibited from passing below. Regularly check whether the safety ropes are worn and whether the hook screws are loose. The manufacturer does not assume any responsibility for all consequences caused by falling.

Safety warning!

In order to ensure your safe and correct use of lamps, please read the following safety tips carefully before use to avoid unnecessary accidents.

To malfunction and hurt.

1. Non-professionals, do not disassemble the lamps and the accessories in the lamps without authorization.

2. AC power supply: Check whether the local power supply meets the rated voltage requirements of the product.

3. The lamp is designed according to the type of electric shock protection. The lamp must be connected to a power supply system with sufficient grounding, and the ground wire of the lamp must be connected to the ground wire of the power supply system. The power cord is overlapped with other conductors.

4. When installing and positioning the lamp, keep a minimum distance of 10 meters between any point on the surface of the lamp and any combustible or explosive material, and 2.5 meters away from the irradiated object. Please do not install the lamp directly on the surface of the inflammable material.

5. The ambient temperature used by the lamps: (-10 degrees + 40 degrees), the maximum surface temperature of the lamps is 80 degrees, and the lamps should be kept away from liquid substances and humid environments.

6. Before using the lamp, make sure that the lamp is well grounded, and do not install or remove any part of the lamp with electricity.

7. When installing lamps, the fixing screws must be tightened, and safety cables must be added, and checked regularly.

8. It is recommended that the continuous working time of lamps should not exceed 10 hours.

9. During use, if there is an abnormality in the lamp, stop using the lamp in time.

10. When the lamp beads reach the rated service life, they should be replaced in time, otherwise the lamps will not be able to be used normally.

11. The rotating parts of the lamps and the pasting accessories must be checked regularly. If they are loose, they should be reinforced in time to prevent accidents.

12. The lamps are cooled by strong wind, which is easy to accumulate dust. It must be cleaned once a month, especially the cooling air vents. Otherwise, the dust will be blocked, resulting in poor heat dissipation and abnormal lamps.

Maintenance and Maintenance :

Shutdown operation: Before each shutdown, turn off the light source in advance. Let the cooling fan quickly discharge the heat generated in the lamp when it is used, which can prolong the service life of the accessories in the lamp, especially the light source!

In order to ensure that the lamp can run stably, it should be kept clean, and the lamp should be disassembled for repair or maintenance work. Before starting the maintenance work, it is necessary to confirm whether the power supply is disconnected. It is very important to keep the lamp clean and clean. Please clean it regularly, not only To maintain the maximum brightness output, but also to extend the service life of the lamp, it is recommended to use a high-quality glass cleaner and a clean soft cloth to clean, and use a vacuum cleaner to clean the interior of the lamp at least once every six months.

After-sales service

Attention! When the lamps leave the factory, they have undergone strict quality inspection, and the packaging is in good condition. Please operate according to the instruction manual.

Machine failure caused by human reasons is not covered by the warranty.

1. The company will provide customers with technical advice for life. If the product fails and needs to be repaired, please show the product warranty card and fill in the relevant content truthfully. At the same time, we also hope that customers will timely feedback the product problems to us, so that we can be the first time to improve the product.

2. In addition to lamps, the following accessories can also be selected:

Accessories: Power Cord: 1, Signal Cable: 1, Instruction Manual: 1

Options	Illustrate	
Sys Set	DMX address	001-512 Slave state: Receive the DMX signal from the console or the host and press the "OK" key to enter the editing state. At this time, the hundreds digit is selected, and press the "Up" and "Down" keys to change the address code. Press "OK" again Press the key to select the ten digit editing. Press the "OK" key again to select the one digit

		editing. Press it again to exit the editing state.
	Swap	ON/OFF
	Pan reverse	OFF/ON
	Tilt reverse	OFF/ON
	Keep signal	No/Yes
Run mode	Run mode	DMX/Sound control/Auto run
	Channel	16CH
Display set	Language	Chinese/English
	Reverse	On/Off
	background	15S、30S、60S、always
Manual mode	Pan	000-255
	Tilt	000-255
	P/T speed	000-255
	Dimmer	000-255
	Red	000-255
	Green	000-255
	Blue	000-255

	White	000-255
	Strobe	000-255
	Empty	000-255
	Macro	000-255
	Macro Speed	000-255
	Pan Fine	000-255
	Tilt Fine	000-255
	Reset	000-255
	Empty	000-255
Factory setting	Pan calibration	0-255
	Tilt calibration	0-255
	Red	128-255
	Green	128-255
	Blue	128-255
	White	128-255
	Logo	000-001

DMX CHANNEL

Ch1	Pan	0-255	Pan 540°
Ch2	Tilt	0-255	Tilt 270°
Ch3	P/T Speed	0-255	from dark to light
Ch4	Dim	0-255	from dark to light

Ch5	Red	0-255	from dark to light
Ch6	Green	0-255	from dark to light
Ch7	Blue	0-255	from dark to light
Ch8	White	0-255	from dark to light
Ch9	Strobe	0-255	slow to fast
Ch10	Empty		
Ch11	Macro	0-29	None
		30-39	Red
		40-49	Green
		50-59	Blue
		60-69	Red-Green
		70-79	Red-Blue
		80-89	Green-Blue
		90-99	Red-Green-Blue-White
		100-149	Gradient
		150-199	Pulse
200-255	Jump		
Ch12	Macro speed	0-255	from dark to light
Ch13	Pan fine	0-255	1 . 8°

Ch14	Tilt fine	0-255	1 . 8°
Ch15	Reset	0-249 250-255	No Function Reset
Ch16	Empty		