

# Eight heads laser light

## User Manual



(Please read the instructions carefully and manage them properly before using the product)

Thank you for choosing to use our eight-eye laser shake head lamp. For the correct and safe use of this product, please read the instructions carefully before installing and using this product. This specification contains important installation and application information. When installing and operating products, please strictly follow the instructions. At the same time, please keep this manual properly.

Our eight-eye laser head lamp uses a new beautiful high-temperature metal fuselage. This product strictly follows the CE standard to carry on the design and the production, conforms to the international standard DMX512 signal agreement, may use the control separately, may also use online, has the rotation fast, the noise low, the function powerful characteristic, applies to the small and medium-sized concert, Theater, studio, nightclub and bar,

a highlight stable 500 MW laser is used in this product. Please carefully remove the package, check whether the product is damaged during transportation after the package is removed, and check whether the following is complete.

Laser lamps -1

Quick Lock -2 Instructions -1

Power lines ---1 signal lines ---1

**This product is in good condition before leaving the factory. In order to keep this product in good condition and ensure safe operation, users should follow the safety precautions and the warning of this specification.**

Important: damage due to failure to follow this specification is not covered by warranty. The supplier is not responsible for the product problems arising therefrom.

If the product has been exposed to extreme unstable temperature conditions (such as after transportation), please do not immediately connect to the product power, because water droplets due to temperature changes may damage the product. Please use it after the product returns to normal temperature.

Can be used in 90–240 V voltage range, is used in indoor products. Please ensure that the ground voltage is not higher than the product can withstand! A power plug must be plugged into I protective socket. Green or tea cyan conductors must be grounded.

Please check the power cord of this product grade regularly. Make sure the power cord is not folded or damaged and scratched and is not connected to other wires! Special attention should be paid to connecting power lines or related connections. When not using this product or before cleaning, be sure to unplug the power.

Before using the product, please be familiar with the operation function of the product. Please do not let children or unprofessional people contact the product. Please do not shake this product. Do not use brute force when installing or operating a product. Don't let unprofessional people operate the product. Most of the damage is due to unprofessional operations.

The product is not equipped with related maintenance accessories. Product maintenance and repair can only be carried out by professionals!

Please do not alter this product without authorization, otherwise it may damage the product, so the damage caused is not covered by warranty. Moreover, unprofessional operations can lead to short circuits, burns or electric shocks, etc.

## **Connection of DMX512 signals:**

DMX512 signal control mode is used in this lamp, Each lamp control signal belongs to the parallel relation, When connecting multiple lamps, It is best to use double core shielded cable. When connected, The lamps are connected by DMX signal Jack (Canon seat INPUT( input) and OUTPUT( output) on the lamp, 3 cores XLR plug terminals connected to the lamp signal line must correspond to each other, When connecting the lamp signal, DMX signal terminals are recommended. Avoidable, Failure of control signals due to electrical dryness, DMX signal terminator is a resistance of 120 ohms W connected between two and three feet of a XLR plug, And connect it to the OUTPUT( output) Jack of the last lamp.

## **Calculation method of starting address code of lamp:**

Current luminaire starting address code is equal to (previous luminaire starting address code)+(luminaire number of channels) description:

A001.1: the starting address code of the first lamp

Basic number of channels 2: controller shall be greater than or equal to the total number of channels used for lamps.

3: note: when using any controller, each luminaire must have its own starting address code. If the starting address code of the first luminaire is set A001, the number of luminaire passes is 16 CH; then the starting address code of the second luminaire is set to A019; the starting address code of the third luminaire is set to A037; and so on . (this setting also needs to be based on different control tables)

## **Menu features:**

ADDR A001---A512 address code

SLND MAST,SLAV

SHND SOUD,AUTO voice control, choose

MANU LASER1---LASER8,STROBE, manual testing

SENS tone control sensitivity (0 off 100 most sensitive)

LED ON,OFF background light switch

TEST automatic testing

VER V100 software version number

## **Product parameters:**

Voltage: AC90V-240V

Frequency :50/60 Hz

Power :45 W

Maximum ambient temperature :45°C

Number of lasers :8

Laser Type :500 MW/638NM Red

stroboscopic :1-25 beats/s or random

Number of DMX control channels :16 CH

DMX joint: Pin XLR 3

Operating mode: DMX/ automatic/sound control

Vertical scan :° 270

Display mode: LED digital tube

## 16CH DMX512 Channel Table:

16 channels	Function	DMX Value	Description
1	Y axis	0-255	0--270°
2	Y axis fine tuning	0-255	0--1.0°
3	Total dimming	0-127	Customs
		128-255	Open
4	Frequency flash	0-255	<b>From slow to fast stroboscopic</b>
5	Laser 1	0-127	No functioning
		128-255	Laser light
6	Laser 2	0-127	No functioning
		128-255	Laser light
7	Laser 3	0-127	No functioning
		128-255	Laser light
8	Laser 4	0-127	No functioning
		128-255	Laser light
9	Laser 5	0-127	No functioning
		128-255	Laser light
10	Laser 6	0-127	No functioning
		128-255	Laser light
11	Laser 7	0-127	No functioning
		128-255	Laser light
12	Laser 8	0-127	No functioning
		128-255	Laser light
13	Macro Functional Effect	0-255	Built-in macro features
14	Macro Function Speed Control	0-255	From slow to fast
15	Y axis speed regulation	0-255	<b>From fast to slow</b>
16	Reset	0-250	No functioning
		251-255	Lamp body reset 3 s effective.