

**4 eye monochrome laser + 4 eye LED**

**Monochrome matrix lamp**

**user's Guide**



Note: this manual contains important information on how to install and use safely. Please read it carefully and install and operate according to the requirements. At the same time, please keep this manual properly for emergency use



## **Product Notes:**

1. In order to ensure the service life of the product, the product should not be placed in a wet or leaky place, not to mention.  
1 can work in an environment with temperature over 60 degrees
2. Do not place the product in a place that is easy to loosen or shake.
3. In order to avoid the danger of electric shock, the maintenance request of this product helps professional maintenance.
4. When the bulb is used, the change of power supply voltage should not exceed (+10%). If the voltage is too high, the life of the bulb will be shortened. If the voltage is too low, the light color of the bulb will be affected.
5. After power failure, it takes 5-10 minutes for the lamp to be fully cooled before it can be re-energized.
6. To ensure the normal use of this product, please read the instructions carefully.

## **Product and Functional Effect Introduction:**

1. The light source shall be in accordance with the international standards for laser generator.
2. Semiconductor laser generator, laser light source, long service life and high stability  
The operation is very simple, humanized design, dimming without flicker, jitter, etc. Suitable for photography, photography, television and other occasions with strict lighting requirements.
3. Classic effects: three-dimensional laser effects such as beam optical network, vast sea of clouds, thousands of light, amplification and reduction, space-time tunnel and so on.

## **Installation instructions for lamps:**

The lamp can be placed horizontally, hanging diagonally and upside down, and you must pay attention to the installation method when hanging diagonally and upside down.

Fixing installation of lamps and lanterns: Before positioning the lamps and lanterns, ensure the stability of the installation site. When reversing the hanging installation, make sure that the lamps do not fall down on 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 lamp from falling and sliding. When the lamp is installed and debugged, pedestrians are prohibited from passing underneath. Regularly check whether the safety rope is worn and the hook screw is loose. If the hanging installation is unstable, the lamp will be caused The manufacturer does not bear any responsibility for all the consequences of the fall.

safety warning!

In order to ensure that you use the lamp safely and correctly, please read the following safety tips carefully before use to avoid unnecessary failures and injuries.

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 product's rated voltage requirements.

3. This lamp is designed according to the type of electric shock protection. The lamp must be connected to a fully grounded power supply system, and the ground wire of the lamp must be connected to the ground wire of the power supply system. Do not use a power cord with a damaged insulation layer, and do not The power cord is connected to other wires.
4. When the lamp is installed and positioned, the minimum distance between any point on the surface of the lamp and any combustible and explosive objects is 10 meters, and the distance from the irradiated object is 2.5 meters. Please do not install the lamp directly on the surface of burnable materials.
5. The ambient temperature of the lamp: (-10 degrees + 40 degrees), the maximum temperature of the surface of the lamp is 80 degrees, and the lamp 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 and remove any parts of the lamp with power.
7. When installing the lamp, the fixing screws must be tightened, with safety cables, and regular inspections.
8. It is recommended that the continuous working time of the lamp should not exceed 10 hours, and the interval between continuous starting of the lamp should not be less than 10 minutes. Otherwise, the lamp will not be triggered normally due to the overheating protection of the lamp.
9. During use, if the lamp is abnormal, stop using the lamp in time.
10. When the bulb reaches the rated service life, it should be replaced in time, otherwise there will be a dangerous accident of bubble explosion.
11. The rotating parts of the lamp and the pasted accessories must be checked regularly, and if there is looseness, the shaking should be reinforced in time to prevent accidents.
12. The lamp adopts strong wind cooling, which is easy to accumulate dust. It must be cleaned once a month, especially the heat dissipation vent, otherwise it will be blocked by the accumulation of dust, resulting in poor heat dissipation and abnormalities in the lamp.

Menu function:

1	ADDR	A001---A512	Address code
2	CHND	8CH, 17CH	Channel selection
3	SLND	MAST, SLAV	Voice control, self-propelled choice
4	SHND	SOUD, AUTO	Manual test
5	MANU	LASER1---LASER4, LED1---LED4 MOTOR, STROBE	0 off
6	SENS	Voice control sensitivity	100 most sensitive
7	LED	ON, OFF	Backlight switch
8	TEST	automatic testing	
9	VER	V100 software version number	

DMX Channel function

8CH		
Channel	DMX value	function
1. Motor stroke	0--255	
	0--277	
2. Motor speed	000--255	From fast to slow
3. Main switch	0--127	shut
	128--255	open
4. Stroboscopic	0--15	Open light
	16--255	From slow to fast stroboscopic
5. Laser self-propelled	0--15	No function
	16--25	The LED is fully on
	26--35	Laser full brightness
	36--45	Led + laser full on
	46--255	One effect for every 6 values, a total of 35 effects
6. Laser self walking speed	0--255	Self walking speed from slow to fast
7. Motor self-propelled	0--15	No function
	16--255	Self walking effect
8. Self running speed of motor	0--255	Self walking speed from fast to slow

17CH		
Channel	DMX value	function
1. Motor stroke	0--255	
	0--277	
2. Motor speed	000--255	<b>From fast to slow</b>
3. Main switch	0--127	<b>shut</b>
	128--255	<b>open</b>
4. Stroboscopic	0--15	<b>Open light</b>
	16--255	<b>From slow to fast stroboscopic</b>
5. Laser self-propelled	0--15	<b>No function</b>
	16--25	<b>The LED is fully on</b>
	26--35	<b>Laser full brightness</b>
	36--45	<b>Led + laser full on</b>
	46--255	<b>One effect for every 6 values, a total of 35 effects</b>
6. Laser self walking speed	0--255	<b>Self walking speed from slow to fast</b>
7. Motor self-propelled	0--15	<b>No function</b>
	16--255	<b>Self walking effect</b>
8. Self running	0--255	<b>Self walking speed from fast to slow</b>
9. LED1	0---127	Close
	128---255	open
10. LED2	0---127	Close
	128---255	open
11. LED3	0---127	Close
	128---255	open
12. LED4	0---127	Close
	128---255	open
13. laser1	0---127	Close
	128---255	open
14. laser2	0---127	Close
	128---255	open
15. laser3	0---127	Close
	128---255	open
16. laser4	0---127	Close
	128---255	open
17. reset	0---127	No function
	128---255	Reset the whole machine (the value stays for 5 seconds)

## **Maintenance:**

1. Eliminate the artificial laying of dust, dirt and fume into the lamp body as far as possible, and keep the laser performer clean as possible in the environment.
2. Please use professional glass cleaner regularly every month and wash the mirror with flannel cloth to ensure maximum laser brightness output and prolong the service life of the light source.

## **Warranty Notes**

Warranty Period: This product is guaranteed for one year from the date of purchase.

Warranty clauses:

1. Faults arising from the normal use of the product during the warranty period may be repaired free of charge by presenting the warranty card and purchase ticket (photocopy) according to the content of the warranty clause.
2. During the warranty period, the following conditions will be implemented to provide paid maintenance services.
  - (1) Failure to produce a valid warranty card.
  - (2) There are omissions, alterations and no sales names on the warranty card.
  - (3) Faults and damages caused by irresistibility.
  - (4) Faults and damages caused in transportation and handling.
  - (5) Failure or damage caused by failure to follow the instructions.
  - (6) Failure or damage caused by disassembling, repairing or refitting products without authorization of the manufacturer or non-professional personnel. Failure caused by using control series not approved by our factory or matched by our factory.
  - (7) Consumables - Our factory reserves the right of final interpretation of this warranty clause.

## Product warranty card

Product Name	Product Model

End users
<b>Unit name:</b> <b>Address:</b> <b>Contacts:</b> <b>Telephone:</b>

Date of manufacture	User Purchase Date

Retailer	
<b>Contacts:</b> <b>Telephone:</b>	<b>Seal:</b>

**Note: The blanks mentioned above must be filled out and stamped truthfully by the end-users and sellers, otherwise they are not guaranteed.**