

Maintenance

- 2 Please clean the lens regularly. Do not do it using the wet cloth or other chemical. the clean times is depend on the using frequency and surrounding condition; it is recommended that should be cleaned every 20 days;
- 2 Please clean the lighting surface and engine outlet regularly.

Notices

- ※ Non-professional do not dismantle or repair the laser lighting. when there is a problem, please inquire with the professional or contact with the local dealer;
- ※ Do not exposure in the wet or dirty condition;
- ※ Prevent the laser lighting from strong vibration or punch;
- ※ Prevent other subject enter into the lighting;
- ※ Ensure the fan is not blocked;
- ※ Before power on, be sure electric outlet is connected well with the socket;
- ※ Do not turn on and turn off frequently , avoid to turn on the power for a long time;
- ※ Please power off the lighting for 15 minutes after running two hours, ensure that the laser system is in well cooling state;
- ※ Do not looking at the laser source using telescope
- ※ Do not touch the laser lighting by wet hand and forcefully pull the power line;
- ※ The distance between lighting and casting medium should be more than 1 meters;
- ※ When to be transported, use the original package

Laser show system

User's manual

Thanks for your purchasing, please read this manual carefully before operating the system.. It gives you general information for your safe and better operation.85

INSPECTION

Check for the contents in the package refer to the following list:

1. firefly twinkling laser lighting: 1
- 2.3 PIN cable: 1
3. User's manual: 1

Installation

- 1、 Firstly, be sure that the using voltage is match with the voltage marked on the base of the laser lighting ;
- 2、 Installation should be made by professional technician. fix the laser lighting and adjust the angle of the laser lighting to you need;
- 3、 Be sure that there is no flammable or explosive subject nearby. The least distance is 0.5 meters. at the same time, keep more than 15cm between the wall and laser lighting;
- 4、 Please check whether the fan and the exhaust is blocked;
- 5、 There is a hole for connection. when hang the laser lighting, be sure the cable can undertake 10 times of the lighting weight;
- 6、 The laser lighting should be fixed;
- 7、 It is essential to be earthed well for the sake of safety.

Technical parameters

1. Laser diode: DPSS, green 532nm,red 650nm
LED: high-power,high-brightness,whole color led
R1W G1W B1W
2. Power supply: AC110V/220V, 50/60Hz
3. Laser power: R100mw+50mw
4. Motor: N1.8 high precision step motor
5. Control mode: sound control/AUTO/DMX
6. Dimensions: 220mm × 210mm × 100mm
7. Net weight: 3.10KG
8. Gross weight: 3.50KG

manual

when using this laser,the effection will be changed follow the music.when you change the sound and rhythm,the machine will change its speed and direction.

0=OFF 1=ON X=OFF or ON											
DIPSWITCH CHART										FUNCTION	
#1	#2	#3	#4	#5	#6	#7	#8	#9	#10		
0	X	X	X	X	X	X	X	X	X	1	SOUND ACTIVE
1	X	X	X	X	X	X	X	X	X	1	AUTO MODE
0	SET DMX ADDRESS FOR DMX MODE									0	DMX/SLAVE

DIPSWITH CHART

Channel	Function	Value	Description
CH1	Mode	0~69	Close, laser OFF
		70~139	Sound active mode
		140-209	AUTO mode
		210-255	DMX mode
CH2	Running direction	0	Stop running
		1-150	Clock direction running
		151-255	Counter clock direction running
CH3	Running speed	0~255	0 is slow,255 is speedy,has ten grade speed
CH4	Twinkle speed	0~255	0 is slow,255 is speedy,has ten grade speed
CH5	Color selection	0-69	Red
		70-139	Green
		140-209	Red+green
		210-255	Auto color

DMX Control Parameter Chart

Warning

- 2 Power off before installation or maintenance;
- 2 The danger class of this laser lighting is CLASS III B. it's dangerous for observing laser. The safe minimum distance is 13cm,the safe maximum time is 10 seconds;
- 2 Keep at least 0.5 meters distance between the lighting and flammable material;