MODEL: 08RPG

User's manual

LASER SHOW SYSTEM

DMX Control Parameter Chart

Channel No		DMX512 fig.	Content
Channel 1	Control mode	0~69	Shut off
		70~139	Sound control
		140~209	Auto play
		210~255	manual
Channel 2	Pattern Selection	0~33	Static pattern
		34~255	Dynamic Geometric pattern
Channel 3	Strobe	00-255 (	8 grade speed 0-255)/ 30=0-8do
Channel 4	Spot and line	0-255	From line to spot effect
Channel 5	Horizontal move	1~160	Manual
		161~190	From left to right move
		191-220	From right to left move
		221-255	Right and left in-phase move

		1~160	Manual
Channel 6	Vertical move	161~190	From down to up
		191~220	From up to down
		221~255	Up and down in-phase move
Channel 7	Zoom(+/-) pattern size	0-255	pattern size change
Channel 8	Reset	0-255	The number come to more Than 200,the machine reset

When the channel 2 is select to static pattern (0--33) ,the follow channel is valid.

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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.

Function Setting

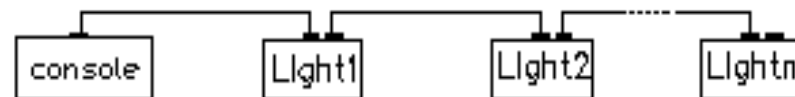| 0=OFF 1=ON X=OFF or ON										
DIPSWITCH CHART										FUCTION
#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	
0	X	X	X	X	X	X	X	X	1	**SOUND ACTIVE**
1	X	X	X	X	X	X	X	X	1	**AUTO MODE**
0	SET DMX ADDRESS FOR DMX MODE							0		**DMX/SLAVE**

DIPSWITH CHART

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、 Please check whether the fan and the exhaust is blocked;

4、 There is a hole for connection. when hang the laser lighting, be sure the cable can undertake 10 times of the lighting weight;

5、 The laser lighting should be fixed;

6、 It is essential to be earthed well for the sake of safety。

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DMX512

This laser light is controlled by the standard DMX. Please connect controlling panel with the lighting as following

Before using the DMX512 controller, you should set the channel address. It can be set 001~511 address , every binary

address switch has a digital no，please refer to：

No.	Digital No.	No.	Digital No.
1st	1	6th	32
2nd	2	7th	64
3rd	4	8th	128
4th	8	9th	256
5th	16	10th	Function switch

Maintenance

☆ .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;

☆ Please clean the lighting surface and engine outlet regularly.

☆ 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;

Warning

◇ Power off before installation or maintenance;

◇ 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;

◇ Keep at least 0.5 meters distance between the lighting and flammable material;

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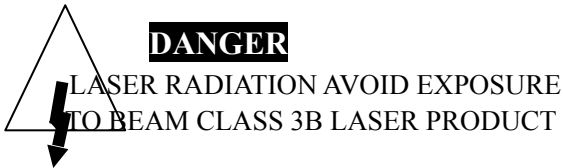
INSPECTION

Check for the contents in the package refer to the following list: 1. 08RPG lighting: 1

2. Power cable: 1

3. User's manual: 1

Technical parameters

1. Laser diode: DPSS, green 532nm,red 650nm，purple 405nm

2. Power supply：AC110/220V, 50/60Hz

3. Laser power：R150mw，P100mw ,G50mw

4. Motor: N1.8 high precision step motor

5. Control mode：sound control/auto/dmx

6. Dimensions：295mm×220mm×148mm

7. Net weight： 4.0KG

8．Gross weight：4.5KG

DANGER

LASER RADIATION AVOID EXPOSURE
TO BEAM CLASS 3B LASER PRODUCT