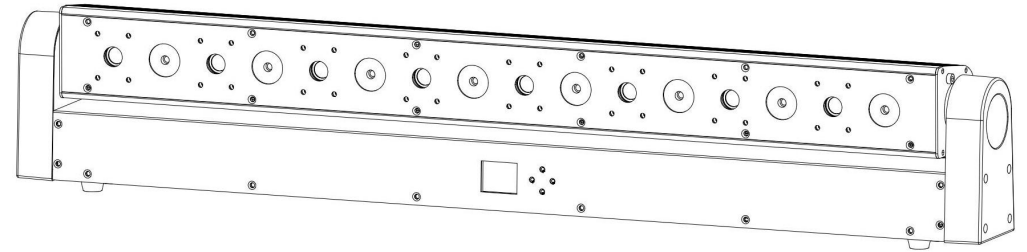




LED Moving Laser Beam Bar



(Laser:Red: 500mW 638nM, 8*3W CREE Warm White led)



User Manual

Please read this user manual before using this product



I. Open Checking

No.	Description	Quantity	Unit
1	LED Moving Laser Beam Bar	1	piece
2	Power Cable	1	piece
3	Handle	2	piece
4	User Manual	1	piece
5	Hook (Different model can be chose)	Need to purchase	
6	Safety Cable		
7	DMX Signal Cable		

★ For the sake of safety and under the terms, it does not allow unauthorized restructuring or modification of this product. Please note that improper use and human damage caused by this product, it can not be covered by our warranty. Also, unprofessional operations will cause short circuits, burns or shocks, and more either.

★The machine has been rigorously tested before shipment. Please comply with the instructions of the operation requirements, to ensure the product can be running safely under normal circumstances.

★Any damage caused by improper operation will result in the termination of the warranty claim. We are not accept any property lost and responsibility of human being improper use and unprofessional operation.

★Please place user manual in a safe place for reference.

After selling,renting or carrying, you can give it to new owner.

★Attention:Base on our products keep improving by our company,our user manual data is subject to change without notice. We will remain rights of changing product specification.

★If found that laser is not connected when the power on.You should cut the power and connect with the laser line.To avoid damage , it is forbidden to unplug / insert the laser cable when the power is on.

★The power cable must not be damaged.The installation and use must be operated by trained professional technicians and it must ensure that safety hazards are eliminated.

Note: Please unplug the power cable before doing product maintenance!

It is very important to keep machine clean and dry.Before unlock the machine and start maintenance,you should keep the machine power off and unplug. Keep cleaning regularly can make the light have max brightness and also can extend its use time. We suggest to use good glass cleaner and clean it with a soft cloth. Can not use alcohol or chemical solvents under any circumstances. The interior of the machine and the fan should be cleaned at least once every season by using a vacuum cleaner.

		232	-	239	Led on	
		240	-	247	Thunder strobe	
		248	-	255	Led on	
22	Show Mode	000	-	007	No function	Show
		008	-	027	Show 1	
		028	-	047	Show 2	
		048	-	067	Show 3	
		068	-	087	Show 4	
		088	-	107	Show 5	
		108	-	127	Show 6	
		128	-	147	Show 7	
		148	-	167	Show 8	
		168	-	187	Show 9	
		188	-	207	Show 10	
		208	-	227	Show 11	
		228	-	247	Show 12	
248	-	255	Show 13			
23	Show Speed	000	-	255	Slow to fast	Speed
24		000	-	199	No function	
		200	-	209	Reset	
		210	-	239	No function	
		240	-	255	Sound Control Mode	

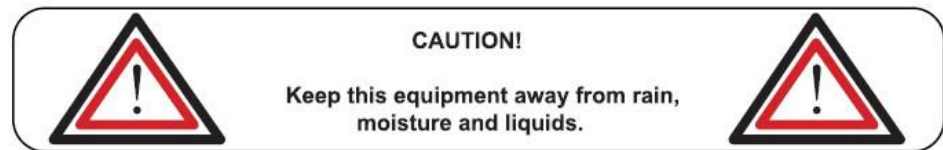
VIII.Product maintenance and cleaning

Please note the following points when testing this product:

★All the screws and parts for installing must be tightly connected and cannot be rusted;

★Housings, lenses, fixtures and mounting locations (e.g ceilings, hangers, trusses, etc.) must not be deformed

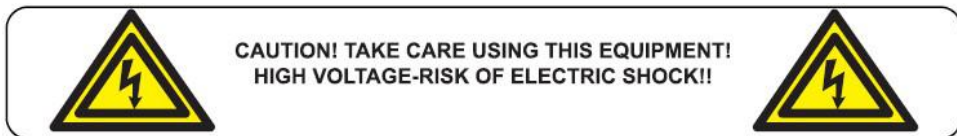
II.Safety Instruction



1. When opening the packing, take all accessories out, and remove the light to a horizontal table for good operation. First check whether the accessories are complete, then check carefully whether the whole light has no damage. If there is any damage, please contact us as soon as possible.
2. AC Power: Check whether the local power supply is accordance with the requirements of the product rated voltage.
3. The product is only suitable for indoor working environment. The light should keep dry, keep away from wet, overheat or dusty environment. Don't come into contact with water and other liquids to prevent or reduce the risk of electric shock or fire.
4. Please do not install the light directly on the surface of the combustible substance.
5. The people who install, operate and maintain of light professional certificate required.
6. When there are faults of the light, please stop using the light immediately. Don't try to repair, please contact the nearest authorized technical assistance center, if the parts damage, always use the same type of parts replaced.
7. Don't touch any electrical wiring in the process of operation to prevent the risk of electric shock.
8. To make sure the light working environment temperature, the highest do not exceed 40 °C, the lowest do not exceed - 20 °C.
9. Under the stable cooling working situation, the highest temperature of the housing of the light can reach 80 °C, please do not touch.
10. The light is design according to the type of electric shock protection. The light should be use in good connection grounding power system and the ground wire must connect with the ground wire of the power supply system. The earth sign port of the light should be connected to the installing fixtures.
11. Do not use the damage of the insulating layer wire and also do not use the power cord overlap on the other wire. When not in use or clean the light, please disconnect the power, don't pull the plug in hard or just drag the wires.

12. There are no components inside for maintenance. Before start operation the light, please check whether all of the shell is installed. In the case of the shell open used the light is prohibited.

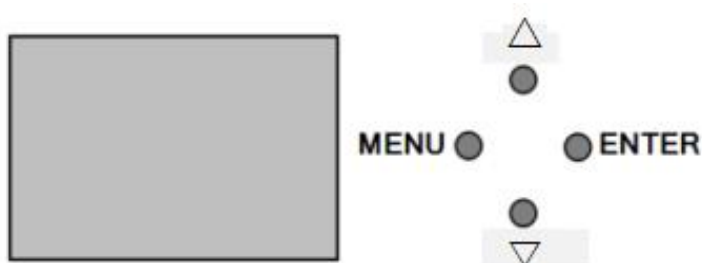
Note: Under any installation, maintenance and clean the light, please confirm that has cut off the power cord!



III. Product specification

- ◎.Voltage: AC100-240V, 50-60Hz.
- ◎.Power consumption:P=80W.
- ◎.Light source:Laser:Red: 500mW 638nm, 8*3W CREE Warm White led
- ◎.Four Operational Modes:Master/slave,DMX,Sound active and Auto Run.
- ◎.DMX Channel:3CH/6CH/21CH/24CH
- ◎.Beam Angle:3W Warm White Beam 9°
- ◎.Lumen:3W Warm White Beam 9960LUX@1M
- ◎.Pan:/ Tilt:330°
- ◎.Display: 1.8" TFT,easy to control.
- ◎.Fuse:F3AL250V.
- ◎.Light size:93.8*16.61*10.08cm

IV.Display



		248	-	255	Led on	
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[Sheet 4] 24CH

Channel 24		Value			Function	
1	Y axis	000	-	255	Y axis 0-180° rotation	
2	Y axis Fine	000	-	255	Y axis Fine	
3	Y axis speed	000	-	255	Fast to slow	
4	Dimmer	000	-	255	Dimmer 0-100%	
5	Red Laser 1	000	-	255	R1,Dimmer 0-100%	Laser
6	Red Laser 2	000	-	255	R2,Dimmer 0-100%	
7	Red Laser 3	000	-	255	R3,Dimmer 0-100%	
8	Red Laser 4	000	-	255	R4,Dimmer 0-100%	
9	Red Laser 5	000	-	255	R5,Dimmer 0-100%	
10	Red Laser 6	000	-	255	R6,Dimmer 0-100%	
11	Red Laser 7	000	-	255	R7,Dimmer 0-100%	
12	Red Laser 8	000	-	255	R8,Dimmer 0-100%	
13	Warm White 1	000	-	255	W1,Dimmer 0-100%	Warm White
14	Warm White 2	000	-	255	W2,Dimmer 0-100%	
15	Warm White 3	000	-	255	W3,Dimmer 0-100%	
16	Warm White 4	000	-	255	W4,Dimmer 0-100%	
17	Warm White 5	000	-	255	W5,Dimmer 0-100%	
18	Warm White 6	000	-	255	W6,Dimmer 0-100%	
19	Warm White 7	000	-	255	W7,Dimmer 0-100%	
20	Warm White 8	000	-	255	W8,Dimmer 0-100%	
21	Light on/Strobe	000	-	007	Led on	Led on/Strobe
		008	-	015	Led off	
		016	-	131	Strobe slow to fast	
		132	-	139	Led on	
		140	-	181	LED fast on slow off,slow to fast	
		182	-	189	Led on	
		190	-	231	LED fast off slow on,slow to fast	

[Sheet 3] 21CH

Channel 21		Value			Function	
1	Y axis	000	-	255	Y axis 0-180° rotation	
2	Y axis Fine	000	-	255	Y axis Fine	
3	Y axis speed	000	-	255	Fast to slow	
4	Dimmer	000	-	255	Dimmer 0-100%	
5	Red Laser 1	000	-	255	R1,Dimmer 0-100%	Laser
6	Red Laser 2	000	-	255	R2,Dimmer 0-100%	
7	Red Laser 3	000	-	255	R3,Dimmer 0-100%	
8	Red Laser 4	000	-	255	R4,Dimmer 0-100%	
9	Red Laser 5	000	-	255	R5,Dimmer 0-100%	
10	Red Laser 6	000	-	255	R6,Dimmer 0-100%	
11	Red Laser 7	000	-	255	R7,Dimmer 0-100%	
12	Red Laser 8	000	-	255	R8,Dimmer 0-100%	
13	Warm White 1	000	-	255	W1,Dimmer 0-100%	Warm White
14	Warm White 2	000	-	255	W2,Dimmer 0-100%	
15	Warm White 3	000	-	255	W3,Dimmer 0-100%	
16	Warm White 4	000	-	255	W4,Dimmer 0-100%	
17	Warm White 5	000	-	255	W5,Dimmer 0-100%	
18	Warm White 6	000	-	255	W6,Dimmer 0-100%	
19	Warm White 7	000	-	255	W7,Dimmer 0-100%	
20	Warm White 8	000	-	255	W8,Dimmer 0-100%	
21	Light on/Strobe	000	-	007	Led on	Led on/Strobe
		008	-	015	Led off	
		016	-	131	Strobe slow to fast	
		132	-	139	Led on	
		140	-	181	LED fast on slow off,slow to fast	
		182	-	189	Led on	
		190	-	231	LED fast off slow on,slow to fast	
		232	-	239	Led on	
		240	-	247	Thunder strobe	

Item	No.	Display	Function
Button:	①	MENU	Enter/check menu
	②	DOWN▽	Check the next menu
	③	UP△	Check the last menu
	④	ENTER	Enter the menu or confirm

V.Display Function:

System Settings				
DMX Address	001--512		DMX Address Code	
Channel Mode	CH-03		Channel 3 Mode	
	CH-06		Channel 6 Mode	
	CH-21		Channel 21 Mode	
	CH-24		Channel 24 Mode	
Auto Mode	Program	00	Random Show	
		01-13	Show Mode 1-13	
	Show Speed	01-99	Speed Slow to Fast	
	Sound Mode	On/Off	Sound Mode On/Off	
Slave Mode	Sound Sense	00-99	Sound control sensitivity adjust	
	On/Off		Slave Mode On/Off	
Advanced Settings	Reset	On/Yes	Reset	
	Tilt Invert	No/Yes	Y axis positive / negative	
	Display	On/Off	Display on / off	
	Display Invert	No/Yes	Display positive / negative	
	DMX Fail	Auto		DMX auto
		Black		DMX off/ black
		Hold		DMX hold
Software		Version V1.0		
Function Test	Test		Auto Test Mode	

VI. How to operate

Here are two ways to operate:

- 1.Built-in Master/slave
- 2.DMX controller

1. Master/slave built in Function:

- 1) Automatically identify Master/slave light
- 2) Automatically set up master/slave light

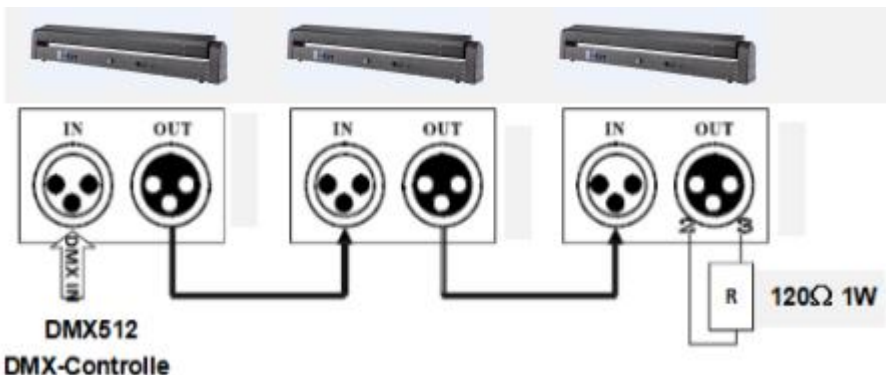
All lights are initially installed as main machine. Connect the lights in series, they are automatically acquiescence one as the main and the others as the slave mode. You can also specify one for the main and the rest for slave.

2. DMX controller

If control by DMX controller, then you need to set the address code to control the light, the address code value is 1-512, the light could receive the signal accordingly.

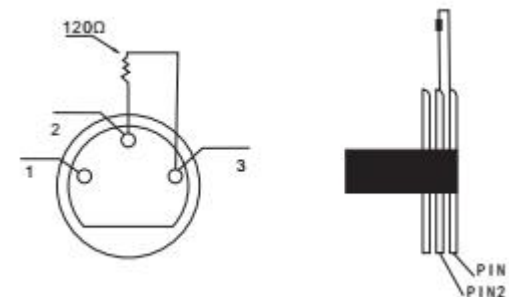
Press **MENU** button, select **Addr** menu, press **ENTER** button, address will strobe. Use **UP /DOWN** to select DMX512 address, we have fixed it as **"Address 001"** when the light is ready in stock. After address fixed, press **ENTER** button.

Connect DMX512 controller output to the DMX input of the first slave machine, then first machine output connect to the second machine DMX input and so on, until you connect all slave machine.



DMX-512 Connection required terminal device (Loop connection)

In the installation process, if the distance of the signal line between each other is far, or in the noisy environment, such as KTV or Dancing Hall, the DMX terminal (loop connection) is recommended. This can avoid the turbidity of digital control signals caused by electrical noise. The DMX terminal is made up of a simple XLR connection head (2-pin and 3-pin) connecting to a 120Ω resistor. Please insert the terminal into the XLR output port of the last device. Please refer to the following picture:



VII.Channel (choose **ADD!** default address code)

[Sheet 1] 3CH

Channel 3		Value			Function
1	Y axis	000	-	255	Y axis 0-180° rotation
2	Red Laser	000	-	255	8pcs red laser open, Dimmer 0-100%
3	Warm White	000	-	255	8pcs Warm White Led Open, Dimmer

[Sheet 2] 6CH

Channel 6		Value			Function
1	Y axis	000	-	255	Y axis 0-180° rotation
2	Y axis	000	-	255	Speed slow to fast
3	Dimmer	000	-	255	Dimmer 0-100%
4	Red Laser	000	-	255	8pcs red laser light open, Dimmer 0-100%
5	Warm White	000	-	255	8pcs Warm White Led Open, Dimmer
6	Light on / strobe	000	-	007	Led on
		008	-	015	Led off
		016	-	131	Strobe, slow to fast
		132	-	139	Led on
		140	-	181	Led fast on slow off, speed slow to fast
		182	-	189	Led on
		190	-	231	Led fast off slow on, speed slow to fast
		232	-	239	Led on
		240	-	247	Thunder strobe
248	-	255	Led on		