

25*6W LED Matrix Strobe

User Manual



This manual contains important information.
Please read before operating fixture.

1 SECURITY TIPS

WARNING!!! To reduce the risk of fire, electric shock, or injury to persons, follow these important safety instructions:

- non-professionals, not to disassemble the light arbitrarily and lighting accessories inside.
- rated voltage range: AC110V-120V/60Hz or AC200V-240V / 50HZ (to be selected).
- not beam irradiate the flammable materials, flammable materials and the lamp should be maintained at least 1M over the distance.
- lamps used in ambient temperature: -15 °C -40 °C, the highest temperature of the surface of the lamp: 60 °C.
- to keep away from the liquid substance and humid environment.
- before using the lights must ensure the good grounding, can not install charging and remove any parts.
- the installation of lamps, must be fixed screw fasteners with additional security cable and regular inspection.
- lamps consecutive working hours is not recommended more than 10 hours.
- should stop using the lights in time when happens unusual conditions during the process
- lamp parts of the rotation, external accessories and paste parts should be regular inspected, such as the emergence of loose and rock, should be reinforced in a timely manner to prevent the accident.
- lamps adopt strong winds to refrigerate, it is easy to accumulate the dust, so you have to clean it weekly especially the cooling air opening, otherwise the dust will plug leading to poor light

2 TECHNOLOGY REFERENCE

Voltage: AC 100-240V 50/60Hz

Power consumption: 250W max.

Separate strobe, strobe Rate: 0 to 30 Hz

Color: White bright LEDs

Mode of control: DMX 512 protocol, master/slave, auto, sound active with adjustable sound sensitivity

Channel: 4/25/30 DMX channel modes

Displaying off 5 seconds automatically after finishing sets of the fixture

Beam Angle (strobe): 25°

Field Angle (strobe): 45°

Coverage Angle (colony): 80°

Environmental temperature: -20℃ to 40℃

Hanging brackets included

Net weight: 4.0Kgs

Dimensions:367*391*102mm(L*W*D)

3 Board Instruction

Take one item and set the item at auto, or sound active as above, then get other items and press the button MODE, set at SLON, confirm by the button of ENTER, then connect the items at SLON to the item at AUTO or SOUND ACTIVE, disconnect the items from DMX controller, the items will work simultaneously. The item at auto or sound active works as master, others as slave.

LED DISPLAY CONTROL:

Main menu	Sub menu
1.A001	001-512 (ADDRESS SETTING)
2.CH29	4/25/30CH (CHANNEL MODES)
3.SH01	ON/OFF (PRESET SHOWS)
4.SP	01-10 (PRESET SHOWS RUNNING SPEED)

5.SnoF	ON/OFF (SOUND ACTIVE)
6.Sn01	01-10 (SOUND ACTIVE SENSITIVITY ADJUSTING)
7.o255	000-255 (DIMMER)
8.St01	01-10 (STROBE SPEED)
9.SLoF	ON/OFF (SLAVE)
10.rdoF	ON/OFF (DISPLAYING REVERSEDLY)

Replacing the fuse

If the fine-wire fuse of the device fuses, only replace the fuse by a fuse of same type and rating.

Before replacing the fuse, unplug mains lead.

Procedure:

Step 1: Open the fuse holder on the rear panel with a fitting screwdriver.

Step 2: Remove the old fuse from the fuse holder.

Step 3: Install the new fuse in the fuse holder.

Step 4: Replace the fuse holder in the housing.

4 DMX CHANNEL SHEET

4-CHANNEL MODE		
Channel 1	white from 0% to 100%	
Channel 2	strobe from slow to fast	
Channel 3	preset shows	
	0-64	not occupied
	65-191	11 preset shows
	92-255	14 sound active modes
Channel 4	running speed	
	0-2	running speed adjustments from slow to fast when ch3 at 65-191
	55	
	0-2	sound sensitivity adjustments from small to big when ch3 at 192-255
55		
25-CHANNEL MODE		
Channel 1	LED output 1	

Channel 2	LED output 2	
Channel 3	LED output 3	
Channel 4	LED output 4	
Channel 5	LED output 5	

Channel 21	LED output 21	
Channel 22	LED output 22	
Channel 23	LED output 23	
Channel 24	LED output 24	
Channel 25	LED output 25	
30-CHANNEL MODE		
Channel 1	white from 0% to 100%	
Channel 2	strobe from slow to fast	
Channel 3	color fade	
Channel 4	preset shows	
	0-64	not occupied
	65-191	11 preset shows
	192-255	14 sound active modes
Channel 5	running speed	
	0-255	running speed adjustments from slow to fast when ch3 at 65-191
	0-255	sound sensitivity adjustments from small to big when ch3 at 192-255
Channel 6	LED output 1	
Channel 7	LED output 2	
Channel 8	LED output 3	

Channel 9	LED output 4
Channel 10	LED output 5

Channel 26	LED output 21
Channel 27	LED output 22
Channel 28	LED output 23
Channel 29	LED output 24
Channel 30	LED output 25

5 FIXED EQUIPMENT

Please fasten the fixture clamp before hanging. The clamp can be fasten by the little hole in the middle of the bracket, then tie with a safety belt. The loading capacity of the safety belt should be 10 times than the weight of the fixture itself.

6 CONNECTION OF DMX-512 AND CONNETION WITH THE LIGHT EQUIPMENT

Please connect XLR-XLR control wire with every light from the output of DMX.

XLR connection :

DMX-OUTPUT



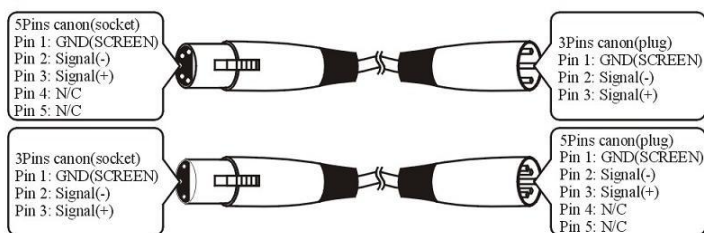
Pin 1: Screen
Pin 2: Signal -
Pin 3: Signal +

DMX-INPUT



Pin 1: Screen
Pin 2: Signal -
Pin 3: Signal +

ATTENTION: Please do remember to connect one circle circuit plug on the output signal of last equipment. And this circle circuit plug was connected a 120ohm resistance between terminals 2 and 3 of the CANON plug, connect this circle circuit plug can avoid the signal flash phenomena of signal DMX512 during the transmission.



7 Maintenance

Problems	Check list	Trouble Shooting
The fixture do not work	<ol style="list-style-type: none">1. If your power as same as the input of the machine.2. If the fuse was broken.	<ol style="list-style-type: none">1. Make sure the voltage.2. Replace the same fuse.
LED dimmed	If your power us same as the input of the machine	Make sure the voltage input.
No DMX input	<ol style="list-style-type: none">1. If the polarity is opposited in the DMX controller.2. If it is in DMX mode.3. If there are 2 Master in a loop.	<ol style="list-style-type: none">1. Correct the DMX polarity.2. Change to the DMX mode.3. Set one piece into

2. The following will be the implementation of paid service:

- (1) Without the effective warranty card
- (2) There's blank, alter and no point-of-sale name
- (3) Fail caused by unresistance
- (4) Fail caused by transportation or unloading
- (5) Fail caused by not operate by manual
- (6) Fail caused by disassemble without unauthorized
- (7) Fail caused by using the unauthorized control system

Note:

Based on our company continue to improve the product, the statement containing data may have changed, and will not notice the change any more. Company retains its right to change specifications related when product is improved. Thanks for your understanding.