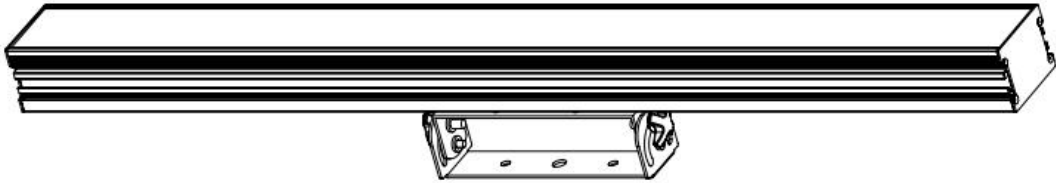


600W Strobe LED



User Manual

Please read this safety rule carefully before use.

After the equipment has been transported to the destination of use, please carefully open the package and take out the equipment. If you find any defects, you should immediately contact the shipping company and complain according to the defect. Confirm that this equipment is intact when it leaves the factory.

Please check whether the received equipment matches the goods registered in the freight bill, and whether the goods registered in the freight bill match

The goods you ordered are consistent, if not, please contact your supplier immediately.

Overview

This lamp is specially designed for indoor and outdoor performances and professional lighting equipment used in night bars. It is a lamp with super high brightness and excellent flashing effect.

Do not open the case when this equipment is in operation to avoid electric shock.

Obvious defects are found in the glass lens, the lens should be replaced immediately and its power should be reduced, such as deep cracks or scratches. The luminous body is damaged or distorted after high heat and should be replaced immediately. If you need to perform inspection, maintenance, repair and other operations inside the lamps, they should be handed over to professionals.

In the event of an accident, unplug the power cord before opening the lamp housing.

The user should operate within the scope of the specified use of this equipment, and check whether the wiring of the equipment is correctly connected. Please do not place the lamp in a changeable and harsh environment.

The manufacturer shall not be liable for damage caused by unauthorized replacement of other types of light sources.

This lamp is a kind of professional equipment. Although the improved design is simple and convenient to operate, it still needs professional installation and maintenance.

Point

The power cord and other connecting devices are very important to the equipment, and their reasonable arrangement leads to the safe and convenient use of the equipment.

When unplugging and plugging in the power supply, you must hold the plug and pull it out. Do not pull the power cord directly.

Do not use the power cord in harsh environments. It should be tested before installation, and periodic testing should be maintained after installation. Do not tie the power cord and other signal lines together to prevent confusion.

Power connection

This lamp adapts to the normal voltage of 230V. For the safety of users, the ground wire (yellow-green) must be kept grounded.

ATTENTION:



LETHAL VOLTAGE PRESENT INSIDE



Thank you for choosing our company's product. Please read this instruction manual carefully and completely, and keep it in a safe place for reference during use. This manual contains important information about the installation and use of this product. Please strictly abide by these related instructions during installation and use.

This lamp is made of die-cast aluminum profile shells combined with each other, beautiful in appearance, smooth and strong, which fully embodies the characteristics of modern lighting products. The products are designed and produced according to strict standards and fully comply with the international standard DMX512 protocol. It can be controlled by a single unit or linked to each other. It is suitable for large-scale theatrical performances, indoor and outdoor activities, bars and nightclubs.

There are high-precision accessories inside the lamp. When you receive the product, please take care of it, and check whether the product may be damaged due to transportation.

This product is a professional stroboscopic effect strip light

If the product has gone through a large temperature difference (for example, after transportation), do not start the product immediately

The product will be damaged due to thermal expansion and contraction. Please wait until the device reaches normal room temperature before starting the product.

Pay attention to shocks. Avoid strong collisions during product installation.

Please do not lift the entire product by the lamp cap, because the mechanical properties of the equipment may be damaged.

When choosing an installation location, make sure that the product is not exposed to excessive heat, humidity or dust. Please try not to put any wires on the ground, and do a good job of waterproofing, otherwise you may suffer the danger of electric shock.

Before installing the product, make sure that the installation point is safe.

If you need to hang the product, please tie the product with a safety rope, and check whether all the screws are correct during installation

Please make sure the glass is in good condition. When the glass is damaged or scratched, please replace the glass.

It is recommended that technicians familiar with this product operate this product. Non-technical personnel are forbidden to operate this equipment, because many losses are the result of non-professional operation.

Please keep the packing materials properly in case you need to carry out the second transportation.

If there is no guidance from the manufacturer or distributor, please do not modify the product without authorization.

Any equipment failure caused by the operation and use of this equipment not in accordance with the provisions of the manual is not covered by the warranty. And any damage caused by short circuit, injury, electric shock, ultraviolet rays, etc. caused by this is not covered by the warranty.

4. Product hanging and installation

Note: For more safety, please hang and install this product away from aisles, seating areas, or areas within reach of people.

Before hanging the product, make sure that the installation point can bear 10 times the weight of the product.

The product installation must have double protection devices, such as safety ropes.

When hanging, removing or repairing this product, it is forbidden to stand under the installation point

2.Menu Description

A001	➔	A512	Modify the address code (A001~A512) up or down, confirm to save, default to A001
CH0 4	➔	CH16 8	Switch up or down to ch04, ch16, ch88and ch168, six channels, confirm to save, default to CH16.
A000	➔	A127	Modify up or down, RGB effect mode. Confirm to save
S010	➔	S010	Modify up or down, RGB mode speed. Confirm key to save
P000	➔	P063	Up or down modification, W effect mode. Confirm key to save
S010	➔	S010	Modify up or down. W mode speed. Confirm key to save
Q000	➔	Q127	Modify up or down. RGBW effect mode. Confirm to save
S010	➔	S010	Modify up or down. RGBW mode speed. Confirm key to save
R255	➔	R000	Modify the brightness of the red light bead up or down (R000~R255), confirm and save, default to R255
G255	➔	G000	Modify the brightness of the green light bead up or down (G000~G255), confirm to save, and default to G255.
B255	➔	B000	Modify the brightness of the blue light bead up or down (B000~B255), confirm to save, and default to B255.

3.Master slave control

Two or more identical lighting fixtures are connected with a three core signal wire using a DMA. The lighting fixtures are set to any address code from A001 to A512, with any one set as the host and the other lighting fixtures as the slaves. All slave display screens do not flash; When using the host's gradient, pulse, jump, voice control, and self-propelled effects, all slave machines synchronize the gradient, pulse, jump, voice control, and self-propelled effects.

Special attention:

1. A set of lighting fixtures can only have one host. If there are multiple hosts, all lighting fixtures will flash randomly and not synchronize.
2. All lighting fixtures must be functional when the DMX512 console is turned off.



The appearance is simple and atmospheric, with one thicker profile, good heat dissipation effect, no fan, and a good solution to noise and noise problems. The lamp beads are composed of 240 5W main white lights in the middle and 480 0.3W RGB lamp beads on both sides, which can be independent. Control, the main white light has high brightness and good flash effect, which can reach 1-30HZ. The built-in effects are rich and diverse, convenient and simple and can be directly called. The pixel distribution of the lamp beads can be independently controlled in 24 or 48 sections, 16Bit dimming, with RDM function, The power cord signal adopts 2.5 square 3 meters of water-proof power cords and 3 meters of shielded signal lines, which is convenient for serial use. The software can monitor the temperature of the lamp beads in real time and prolong the service life of the lamps.

5. Technical Parameters

Voltage: AC100~240V 50/60HZ

LED beads: 240pcs 5W 7575 480pcs 0.3W RGB

Pixel distribution: 48-segment RGB+24-segment main white light

Channels: CH4, CH16, CH168

Control mode: DMX512, self-propelled, master-slave, voice control, RDM

Dimming: 16bit 0~100% linear dimming

Features: Happy running water + flashing

Strobe frequency: 1~30HZ

240 5W LED beads and 480 0.3W RGB LED beads are independently controlled in sections

6. DMX512

4CH

CH	value	Function
1	000-255	Red
2	000-255	Green
3	000-255	Blue
4	000-255	White

16CH

CH	value	Function
1	000-255	ALL Dimmer
2	000-255	RGB Strobe
3	000-255	R
4	000-255	G
5	000-255	B
6	000-255	RGB Mode







	000-255	RGB Speed
	000-255	W strobe
9	000-255	W
10	000-255	W mode
11	000-255	W Speed
12	000-255	RGBW Strobe
13	000-255	RGBW Mode
14	000-255	RGBW Speed
15	000-255	Background colour
16	000-255	Background dimming

88CH

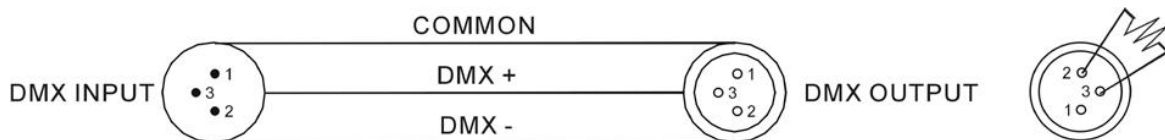
CH	value	Function
1	000-255	Dimmer
2	000-255	RGBS trobe
3	000-255	R
4	000-255	G
5	000-255	B
6	000-255	The 1 segment of RGB bead linear dimming.
7	000-255	The 2 segment of RGB bead linear dimming.
8	000-255	The 3 segment of RGB bead linear dimming.
9	000-255	The 4 segment of RGB bead linear dimming.
10	000-255	The 5 segment of RGB bead linear dimming.
11	000-255	The 6 segment of RGB bead linear dimming.
12	000-255	The 7 segment of RGB bead linear dimming.
13	000-255	The 8 segment of RGB bead linear dimming.
46	000-255
47	000-255
48	000-255
49	000-255
50	000-255	The 45 segment of RGB bead linear dimming.
51	000-255	The 46 segment of RGB bead linear dimming.
52	000-255	The 47 segment of RGB bead linear dimming.
53	000-255	The 48 segment of RGB bead linear dimming.
54	000-255	RGB mode
55	000-255	RGB speed
56	000-255	W strobe
57	000-255	white
58	000-255	Linear dimming of the 1 segment W led beads.
59	000-255	Linear dimming of the 2 segment W led beads.
60	000-255	Linear dimming of the 3 segment W led beads.
61	000-255
62	000-255
63	000-255

	
	
79	000-255	Linear dimming of the 22 segment W led beads.
80	000-255	Linear dimming of the 23 segment W led beads.
81	000-255	Linear dimming of the 24 segment W led beads.
82	000-255	W mode
83	000-255	W speed
84	000-255	RGBW strobe
85	000-255	RGBW mode
86	000-255	RGBW speed
87	000-255	Background color
88	000-255	Background dimmer

168CH

CH	value	Function
1	000-255	The 01st segment is red dimming
2	000-255	The 01st segment is green dimming
3	000-255	The 01st segment is blue dimming
5	000-255	The 02st segment is red dimming
6	000-255	The 02st segment is green dimming
7	000-255	The 02st segment is blue dimming
...
		
142	000-255	The 48st segment is red dimming
143	000-255	The 48st segment is green dimming
144	000-255	The 48st segment is blue dimming
145	000-255	The 01st segment is white dimming
146	000-255	The 02st segment is white dimming
147	000-255	The 03st segment is white dimming
...
		
167	000-255	The 23st segment is white dimming
168	000-255	The 24st segment is white dimming

After power on, set the address codes of all lamps, and then connect all lamps in series with a three-core signal line and connect to the DMX512 console, the address code will stop flashing, indicating that the DMX512 console signal has been sent to the lamps, use DMX512 according to the description of each channel The console controls related functions.



DMX512 is widely used in lamp control, and can control up to 512 channels

On the last luminaire, a terminator is required for the DMX signal line. Solder a 120 Ω , 1/4W resistor between pin2 and pin3, install it into the 3-pin XLR plug and plug it into the DMX output port of the last lamp.

Use the XLR signal cable to connect the lamp, one end to the output port of the lamp, and the other end to the output port of the next lamp. The XLR signal cable can only be used in series, not parallel. DMX512 signal transmission speed is very fast. Damage to the signal line, weak welding, poor contact, etc., will affect signal transmission and cause the system to shut down.

When the power supply of a certain lamp is cut off, the connection of DMX output and input is bypassed, so that the connection of DMX line can be maintained.

Each lamp needs an address code, which can receive the information sent by the console, ranging from 0 to 512. The terminal of the system needs to be equipped with a terminator to reduce signal transmission errors.

8.Safety introduction and product maintenance

1. The power connection must be made by professionals.
2. Make sure that the use voltage is not higher or lower than the specified value in the instruction manual.
3. Confirm that the power cord is not cut or damaged by a sharp blade.
4. Be sure to disconnect the power supply when the lamp is not in use or before cleaning.
5. Only the plug is allowed to connect the power cord. When pulling out the plug, please do not pull the power cord forcibly.
6. Be careful when installing the lamps and avoid touching the bare wires, otherwise you will suffer a fatal electric shock.
7. Please do not look directly at the light source when the lamp is in use, otherwise your eyes will be hurt.
8. When choosing the installation location, please ensure that the lamp is not exposed to extreme heat, humidity or dust. The distance between the lamp and the illuminated object must exceed 0.5 meters. Make sure that there are no flammable and explosive materials within 0.5 meters.
9. Please use proper and safe wires to connect the lamps.
10. Please operate after familiarizing with the function of the lamp. Most of the damage to the lamps is caused by improper operation, so non-professionals are not allowed to operate the lamps. Do not shake the lamp at will, and do not operate it roughly.
11. Please do not modify the lamp at will. Doing so may cause short circuit, burning, electric shock, etc., and cause malfunction and damage of the lamp. The manufacturer does not provide warranty