STB3000DMX **STROBE**

USER'S MANUAL



timpani

I、Preface

Thank you for using our DMX 3000W STROBE. For your safety, please read the User's Manual carefully before your operation.

Note：This Manual includes the important information of installation、operation、safety instruction. Please install and operate as requested in the Manual, meanwhile, please keep the manual for any unexpected requirement.

This Manual includes the important information of installation and operation. Please install and operate the light according to the instructions strictly. And it must be power off when open the light or before repair and replace the lamp.

A：Please read the complete contents of this manual（please keep this manual attach with the light for any preview）

B：In order to make sure the correct and safety installation、operation and maintenance, well know and follow to the instructions of Manual is necessary.

C：We will not take any responsibility to the light damage、property loss or body injure which caused by the incorrect installation、operation and maintenance.

NOTICE: The data which inside the Manual maybe changed due to the continuous improvement, and we'll not make another notice. We will keep the right to any specification update during improvement

Warning：if the protection screen、lens or UV screen got a visible damage，e.g.: Scratch or chasm, it should be changed

1. Contained objects

(**Accessories**)

1：User's Manual（**1PCS**）

2：Maintenance cards（**1PCS**）

(**Selectable**)

a：Bracket

b：Clamp

c：Safety cable

2. Unpacking Instruction：

Please check if all the contents are completed after unpacking then, check if the light is undamaged. Please you can keep the original package and return to the factory if it's damaged

3. AC Power：Check whether the voltage is accordance with the rated power.

4. Safety Specifications：All the safety items of operation (includes installation) and before operating.

(1) Unpacking the carton and take out all the accessories, and open the poly package, take out the light from the carton, and put it in a certain platform for operation.

(2) This applies only to indoor products. Lamps should be kept dry to avoid moisture, dust or overheating of the environment. Lamps should be preventing access to water and other liquids.

(3) Installing of the light must keep a distance with any flammable objects by 1M at least.

(4) The installation、operation and maintenance must be managed by the qualified professional, and make sure to operate it under the instruction of the Manual.

(5) **Make sure the work environment temperature of the light maximum 40℃, and minimum -20℃**

(6) **The temperature of the light surface will up to 80℃ even under the normal cooling, so never touch it by hand.**

(7) The light was designed by electric shock protection type, and must connect to the power supply system which well earthed. Furthermore, the ground wire of the light must connect to the ground wire of the power supply system, ground wire interface of the light must well connect with the light body (or light must well earthed)

(8) Please check if the voltage is accordance with the rated power before installing.

(9) Please never use the power cable which was damaged the insulation cover, meanwhile, never put the power cable on any other wire. Please pull out the power cable by handle the plug when light is stop working or cleaning, never pull out it roughly or handle the wire directly.

(10) The light doesn't include any spare parts for repair, please check if all the parts

are well installed and screws are drove tightly before operating. It's prohibited to use the light when the cover is opened.

Notice：Please make sure it's power off before any installation、repair and clean!

II、Introduction

1. Feature

This lamp is used for discos, stage, theaters and other places of special lighting equipment

2. Technical Features

1) Control mode: FM knob adjustment and DMX control

(2) Operating modes: manual mode and DMX mode

(3) Appearance: metal shell, streamlined designs.

(4) The working environment: indoor, 20 ℃ ~ 40 ℃

(5) **Protection Grade**: IP20

III、technical parameters

1 Input Voltage.： AC220V 50HZ/（AC110V 60HZ）

2. Power Consumption： 3000W

3. Outline Size： 510×150×290mm

Packing Size：550×365×200mm

4. N.W： 6Kg

G.W： 7Kg

5. Lamp： 2*1500W Pulse tube

IV, Installed

1. Lamp installation/replacement:

(1) Before replacing light bulbs must be allowed to completely cool, because the process of using lamps, the bulb surface temperature will reach a few hundred □.

(2) Installation of light bulbs does not hand-to-bulb, insert and pull-out light

bulbs light bulbs when you live with the cloth.
(3) Does not allow installation of high-power bulbs, otherwise the heat generated may damage the lamps.
(4) The use of 2*1500W pulsed light bulbs.

2. Installation / replacement of light bulbs steps

(1) Open the screw;
(2) Gently lifted the glass lid;
(3) Took out the old bulb from the lamp and replaced with new bulbs;
(4) Careful cover glass lid;
(5) Installation screws.

;



The fronts cover screws draining

Warning

1: Replacement is not the brightest bulb when the lamp power supply must be disconnected.

2: Absolutely not allow a good chassis cover does not seal on the use of lamps

3. Steps to replace fuse：（Fuse: 32A）

If the bulbs burn out, then the fuse may also be burned. Please use the lamp on the same fuse replacement.
(1) Use a suitable screwdriver unscrew insurance seat;
(2) Remove the old fuse with a new replacement;
(3) Insurance seat screw with a screwdriver.
Note: replace the fuse before the lamp power supply must be disconnected!

4. Power supply, wire Connection

the plugs will be transferred using a dedicated strobe light and power connected. It should be noted DMX 3000W strobe election signs on the power supply voltage and frequency are the same. Suggested that each lamp has a separate power supply switch, this can be turned on or off at random for each dimmer strobe. This DMX 3000W strobe selects input voltage and frequency parameters as follows:

voltage	AC220V	Frequency	50Hz
(Selectable)	AC110V	Frequency	60Hz

This product is an external power line using Y-connection, if damaged, please contact agents for change, or ask them to replace professional; replace the power cord when you use the same specification cable.

Tip: When connecting the power ground wire must (yellow / green color line) safety grounding, electrical installation must comply with all relevant standards.

5. Fixed installation of lighting (including how to use clamps and safety rope)

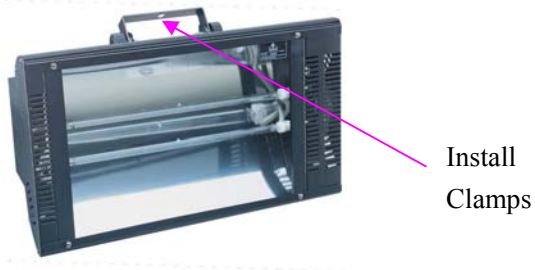
(1) Installation of lights, you must use a dedicated light hooks and screws, and to ensure that the weight of the lamp being suspender bear the weight of the range.

(2) Lights installed, you must also add a steel Drawstring will be tied around the lamp lighting the shelves, to ensure safety.

(3) Installation of lights, make sure there is no distance at 0.5 meters flammable and explosive goods.

(4) Please use the professionals to install the lights; any improper installation can cause personal injury or material damage.

(5) Will be adjusted to the appropriate lighting angle, twisted tight light hook screw



Warning

1. The hanger is used for hanging only.

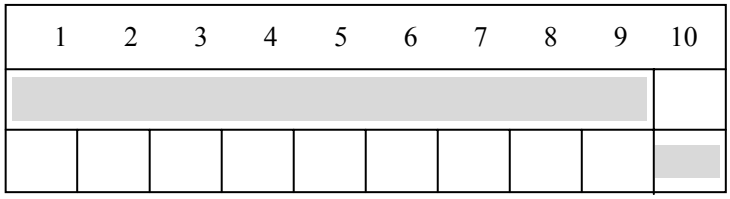
2. It's prohibited to move the light by handle the clamp, please move the light by handle.

V、Operation

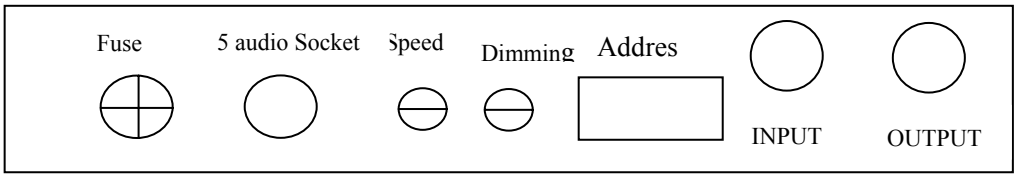
1. Panel operation

two control modes of this lamp：Automatic mode and DMX mode

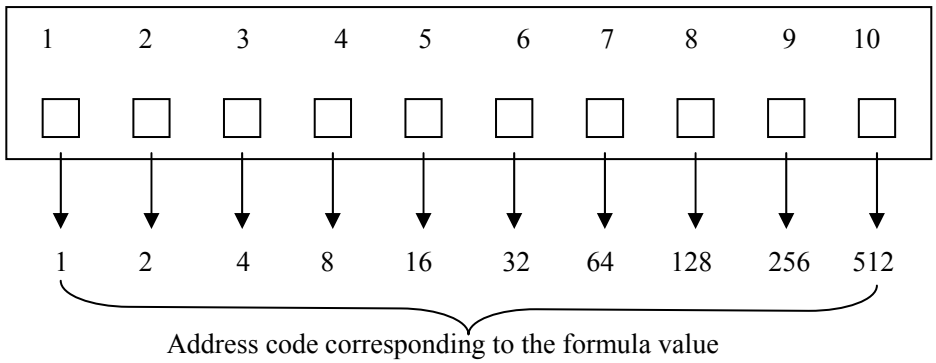
（1） Automatic mode：**In the functional switch dial 10 (or 10 to ON) when manual mode. As follows:**



At this time there is an adjustment in the panel on the speed (SPEED), and an adjustable brightness (LIGHT) of the potentiometer. Regulation of these two potentiometers that we can achieve what you wants results. If you need to buy a remote control can control the box, plug in can be achieved on the same speed and brightness adjustment (Note that at this time you have to put the main chassis panel potentiometers transferred to the minimum.



（2） DMX MODE：In the functional switch 10 is off when the DMX mode. 1-9 as a DMX switch time function of the address code switch.



Using the controller when multiple lamps, each lamp must be set the DMX start address to receive control signals from the correct response.

Starting address of the current value of the number of lamps = (DMX Strobe on a number of start address value) + (controller's basic channel number). This product is a total of two channels, so the 16-channel controller mode, the first light of the DMX start address is set to 001, second for the 017 and the third for the 033, the fourth to Taiwan to 049, and so on, and so on.

2. Usage of the Signal Cable、Connector

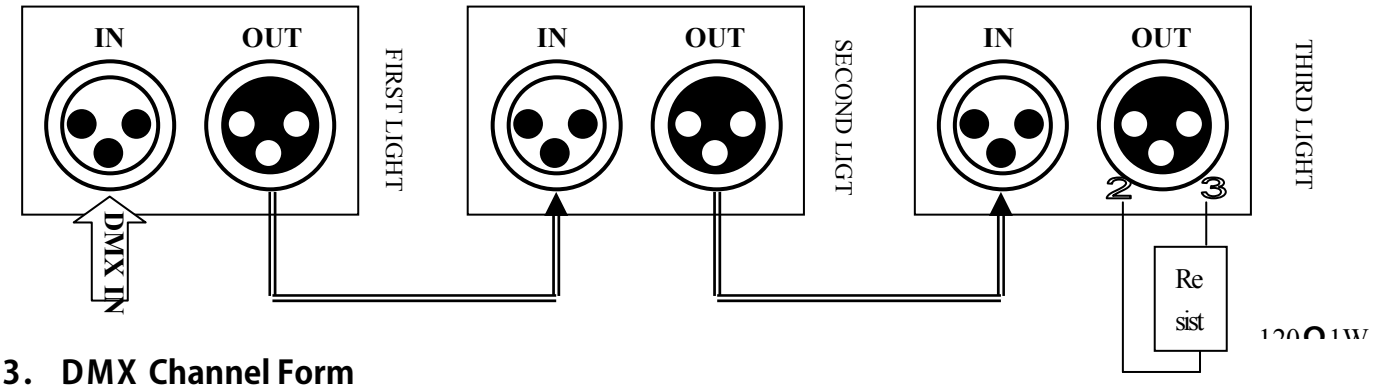
DMX strobe's output in the main terminal and sub-DMX Strobe connections between the input terminals, can be used by the vendor LXR cylindrical three core cable. The line of control from the controller's DMX output to connect to the first DMX input from the machine, and from the first DMX output from the machine to connect to the second input from the machine DMX, and so on, until All connections from the machine has finished, and then insert the loop connecting a lamp in the final output signal can be.

If you need to extend the communication cable wiring, the male and female 3-pin XLR plug at both ends of a corresponding 1,2 corresponds to 2,3 corresponding to 3, otherwise easily lead to a breakdown in communications. (Note: each cable wire core diameter should be at least 0.5mm, preferably dual-core shielded cable). DMX strobe signal line to access or take out should be used when available in conjunction with the DMX Strobe cylindrical 3-pin XLR plug. Note that all the internal wires of the 3-pin XLR contact or come into contact with each other and not plug body.

The DMX strobe format can accept DMX512 digital control signals, control signals will be connected into the jack marked "IN" of the panel, and then from the marked "OUT" socket connected to the next station DMX Strobe's " IN "socket. Connecting light signals, it is recommended to use DMX signal terminator, can be avoided, due to electrical damage caused by the dry sound

of digital control signals, DMX terminator is an XLR connector, plug in the XLR pin 2 and 3 with a 120 ohm between 1W resistor, and it's not even in the last one lamp OUTPUT jack.

Figure:



3. DMX Channel Form

DMX mode: total two channels. No. 1 channel for speed, the first two channels for brightness, channel values the following table:

DMX channels	DMX Channel values	details
CH1（speed）	0-255	from 0 to the fastest speed
CH2（brightness）	0-255	Brightness from the smallest to the largest

Ⅵ、Appendix

Operating requirements

(1) Please do not use this lamp a long time, this will ensure that the lamp life. Do not use random shaking lamps, the installation or use of lights when you do not brutally operation.

(2) In selecting installation location, make sure lights are not exposed to extreme heat, humidity or dusty place. Lamps and the distance between the object was exposed to more than 0.5 meters.

(3) Use the appropriate cable to connect the safety lamp.

(4) The lighting in the familiar features and then to operate. Light damage caused by the majority is due to improper operation, and therefore does not allow non-professionals to operate lighting.

(5) The lamps in the transport please use the original packaging.
(6) Please do not arbitrarily modify the lights; doing so may lead to short circuit lamps, burning, electric shock, and lamp explosion occurred. Without factory authorization or non-professionals lamps demolition, repair, alteration caused by lamp failure, damage, and manufacturers will not warranty.

VII、Maintenance

1. **Cleaning and Using Frequency of Product**

In the open the lamp, or start to make maintenance work to ensure lamp power supply before disconnecting keep lights clean, clean is very important, always kept clean, not only to maintain the maximum brightness of light output, but also to extend its life, it is recommended to use professional and quality in order to allow the glass cleaner and clean cloth, under any circumstances do not allow use of alcohol or chemical solvent, lighting of internal use vacuum cleaner at least once a year.

When the light doesn't work，please check if the fuse is burnt out or not? If it is, the same fuse should be replaced, find out the faulty and restart the light. But please note the repair must be handled by professional.

2. Complaints

（1）The salesman will check the details of complained problem, included the item no、delivered quantity、delivery time、faulty and pictures, and the requirement of customer

（2）QC and Technology department will analysis the complained problem, and give a final solution to customer

Ⅷ、Faulty Disposal

Fault description	Solution
Light doesn't work	1. Check if the fuse is burnt out? 2. Check if the power is correctly connected?
Lamp doesn't work	1、check if the tube is damaged 2、check if the coil trigger circuit board is damaged 3、check if the chip circuit board is damaged.