

INDEX 2kw searching light type 2

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1. Introduction

Thank you for selecting our products! Please read all of this instruction manual carefully and keep it safe for future reference. This manual contains all the necessary information for safe installation and operation of this product.

This equipment is produced in accordance with CE standards and conforms to international standard DMX512.

It can be operated in Master or Slave in phase control. This product is ideal for use with large architectural applications, entertainment, theatre, Indoor or outdoor stages, etc.

Once receive this product, please be carefully to check if there has been damage cause between transportation and the following are enclosed:

2. Safety instructions

Please obey this introduction to installation and maintenance of this device and must be qualified following this manual:

Caution:

1. Keep this device away from rain and moisture!
2. Unplug mains lead before opening the housing!
3. **FOR YOUR OWNSAFETY,PLEASE READ THIS USER MANUAL CAREFULL BEFORE OPERATION!**
4. Usually operate this equipment as described in the user manual
5. **With a high voltage you can suffer a dangerous electric shock when touching the wires!**
6. This device has left our premises in absolutely perfect condition. In order to maintain this condition and to ensure safe operation, it is absolutely necessary for the user to follow the safety instructions and warning notes in this manual..

Important:

1. This manufacturer will not accept liability for any resulting damages caused by the non-observance of this manual or any unauthorized modification to the device.
2. Please consider that damages caused by manual modifications to the device are not subject to warranty.
3. Never allow the power-cable to come into contact with other cables! Always handle the power-cable and all electrical wiring and connections particular caution!
4. Make sure that the supplied voltage is not higher than stated on the rear panel.
5. Always ensure the power-plug is securely connected. Make sure the power-switch is set to OFF-position before you connect this device to the mains. The power-plug and power-plug must be accessible after installing this device.
6. Make sure the power-cord is never cut or damaged by sharp edges. It is good practice to check the equipment and power-cable from time to time.
7. Never pull out the power-plug by tugging the power-cord.
8. This device falls under protection class I .Therefore it is essential to connect the Yellow/green conductor to Earth.
9. Electrical connections, repairs and servicing must be carried out by a qualified professional.
10. Do not connect this device with dimmer pack.
11. Do not switch the fixture on and off in short intervals as this will reduce the lamp's life.
12. During the initial start-up some smoke or smell maybe given out. This is a normal process and does not necessarily mean that the device is defective.
13. Do not touch the device's housing with bare hands during its operation (housing becomes very hot!!!!)
14. When replacing lamps and fuses, always use the same type and rating as specified in this user manual

CAUTION:

AVOID EYE DAMAGE!POWERFUL LIGHT SOURCE!

Avoid looking directly in to the light source(especially for epileptics)!

3. Operation

1. Open the cover of the light head, and take out the protection sponge
2. When preparing for operation, please lock the active wheels(4wheels)to avoid shake when the head is in motion.
3. When there is a difference is temperature (such as transport),don't start up the equipment at once as this may cause damage to the equipment. Before start up, please confirm the temperature is in a normal condition.
4. DO NOT turn on the equipment without the lamp.
5. Prevent shaking. Avoid strong vibration when the equipment is installed.
6. Don't use the light head to hold up the equipment. Please use a trolley to transfer the equipment.
7. The minimum distance from the equipment to the illuminated object must be over 2 meters and over 0.5 meters from any combustible surface.
8. Confirming the fixture is installed securely.
9. Make sure the equipment is fixed and all the screws are fastened.
10. The maximum operating temperature is 40 degrees Celcius.
11. Before operating the equipment please make sure that you have cleared all functions Lots of damage is caused by un professional operation.
12. When the lamp is broken or the shape is changed by high temperature, Please change the lamp.
13. Please use the original packaging to transport the equipment.
14. We cannot accept responsibility and the guarantee does not cover any damage caused by operation that is not in accordance with the user manual.
- 15.

4. Main parameter

1. Output lighting distance is 2KW.
2. Economy inside has protection for over hot, over load and short circuit.
3. Voltage:AC200-240V 50-60HZ
4. Power: 2300w
5. Lamp voltage:33V
6. Xenon2000 LAMP, Proof standard:IP45

5. Lamp replacement

1. Open the cover of the head, take out the M12 screw which can be found on the lamp.
2. Open the cover on the back of the head, take out the fan(with connecting cable)and back board. Take small circle board out. Use a 5mm alan key to unscrew the screw(M6)which fixes the lamp holder in place. Now you can remove the lamp holder and lamp from the light head. Remove the lamp and replace with a new one.

6. Locking the equipment

Lay the equipment on the ground, and then lock the wheels.

7. Connecting the equipment

1. Before connecting please confirm the equipment's supply power
2. Use cable and plug connect the equipment to main electrical source
3. The earth wire must be in the right place.

8. DMX512 Control Channel

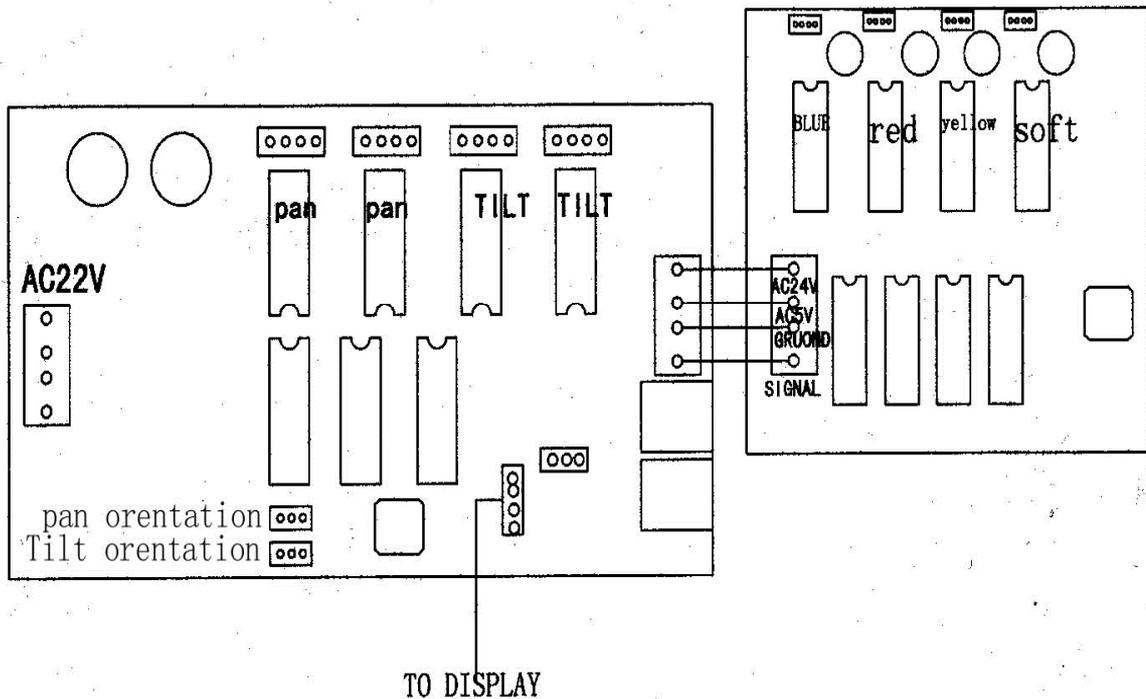
DMX 512 Channel	No.	Function Description(ray)
1	0-255	Turn on light with electron
2	0-127	Dimming
	128-255	Strobe
3	0-255	Zoom
4	0-255	Intensity
5	0-255	Pan rotation
6	0-255	Tilt rotation
7	0-255	Pan Jiggle
8	0-255	Tilt Jiggle
9	0-254	Pan/tilt rotation and adjust speed.
10	0-255	Blue color
11	0-255	Magenta color
12	0-255	Yellow color
13	0-255	Color mix
14	0-255	Wash lighting
15	0-255	CMY/wash adjust speed
16	0-255	reset

9. CONTROL PANEL

1. Press **FUNC** display **FU0** : Working normally
2. Press **FUNC** display **FU1**: Pan reverse
3. Press **FUNC** display **FU2**:Tilt reverse
4. Press **FUNC** display **FU3**: Pan/Tilt reverse
5. Press **FUNC** display **FU4**: Blank
6. Press **FUNC** display **FU5**: Blank
7. Press **FUNC** display **FU6**: Blank
8. Press **FUNC** display **FU7**: Inner programme self moving
9. Press **FUNC** is function key, Down is next page, UP is up page, ENTER means make sure this operation..

Attention:7. there are two power switch, Red is circuitry board switch, Black is fan switch. So let red switch out ,the circuitry board start working; let black switch out, the fan can start working; User must connect“6” power plug and power, then turn on “7”fan switch and circuitry board switch at same time. So that this light can work normally.

10. The sketch map of circuitry board for 4kw Moving and color change searching light



11. Maintenance and cleaning

It is absolutely essential that the fixture is kept clean. Dust, dirt and smoke residues must not buildup on or within the fixture, otherwise the fixture's light-output will be significantly reduced. Regular cleaning will not only ensure the maximum light-output, but will also allow the fixture to function reliably throughout its life. A soft cloth moistened with any good glass cleaning fluid is recommended, under no circumstance should alcohol or solvents be used!

DANGER: ALWAYS DISCONNECT FROM THE MAINS BEFORE STARTING ANY MAINTENANCE WORK

The front lens will require weekly cleaning as smoke residues tend to build up very quickly, reducing the light-output. The cooling-fans should be cleaned monthly.

The gobos should be cleaned with a soft brush monthly. The interior of the fixture should be cleaned at least once a year using a vacuum-cleaner or an air-jet.

The dichroic color-filters, the gobo-wheel and the internal lenses should be cleaned monthly. To ensure proper function of the gobo-wheel, we recommend lubrication every six months. The quantity of oil must not be excessive in order to avoid oil leaking out when the gobo-wheel rotates.

12. NOTICE

1. On leaving the factory, the operation and packaging of this unit were checked and passed quality inspection. Users must read and observe the directions described in this user manual. Any damage caused through misuse or not following of the user manual during the warranty period will not be covered by the manufacturer's guarantee.

3. We reserve the right to modify the information stated in this user manual at any time and without prior notice.