

Led Moving head dyeing lamp an instruction manual



Thank you for using our products. For your safe and effective use of this product, please read this manual carefully and completely before you use this product This manual contains: the performance description of the product, how to install it safely, and important information about use. Please keep it properly for reference during use Please strictly follow the relevant instructions during installation and use

1. Technical parameters:

Power supply: AC100V-240V

Frequency: 50Hz-60Hz

Total power: 450W

Fuse: 7a

Lamp source power: 320W

Color temperature: 8500K

Average life: 2000h

Control signal: international standard DMX512

Appearance: high temperature resistant plastic + molded alloy material

Lamp body color: Black

Protection grade: IP20

Net weight 11 KG

2. Function introduction:

1. International standard control signal: DMX512

2. Number of channels: 15ch, 16CH (reserved)

3. Number of motors: 3 Silent motors in total

4. LCD 650000 color touch TFT interface, easy to operate, beautiful interface, and 180 degree reverse display.

5. The x-axis rotates 540 °C horizontally and the y-axis rotates 270 °C vertically, with automatic correction and positioning

6. The operation of X and Y axes can be adjusted, and the software has the function of correction and positioning, with high precision!

7. Dimming: 0-100% linear adjustment

8. Stroboscopic: stroboscopic speed (1-30 times / s), complete linear dimming and variable stroboscopic speed

9. Focusing: using optical combination, the effect is far better than the usual dyeing lamp, and can project high-definition effect

10. Overheating intelligent protection

11. intelligent dimming control (extend lamp life)

3. DMX512 signal connection:

The lamp adopts DMX512 signal control mode. The control signals of each lamp are in parallel. When connecting multiple lamp signals, it is best to use double core shielded cable. When connecting, each lamp is connected through DMX signal Jack (XLR base) input and output on the lamp. The 3-core xlrxl plug terminals of the signal line connecting the lamp must correspond to each other. When connecting the lamp signal, it is recommended to use DMX signal terminator. It can be avoided that the control signal is damaged due to the electric noise. The DMX signal terminator is a 120 ohm 1W resistor connected

between the 2 and 3 pins of an XLR plug and connected to the output jack of the last lamp

4. Installation instructions of lamps:

The lamp can be placed horizontally, hung obliquely and upside down. Pay attention to the installation method when hanging obliquely and upside down

1. Fixed installation of lamps and lanterns: before positioning the lamps and lanterns, ensure the stability of the installation site. During reverse hanging installation, ensure that the lamps and lanterns do not fall off the support frame, and use safety ropes to pass through the support frame and lamp handle for auxiliary hanging; To ensure safety Prevent the lamp from falling and sliding. During the installation and commissioning of the lamp, pedestrians are not allowed to pass below. Regularly check whether the safety rope is worn and whether the hook screw is loose. If the lamp falls due to unstable hanging and installation, the manufacturer will not bear any responsibility

Safety tips!

To ensure your safe and correct use of lamps, please read the following safety tips carefully before use to avoid unnecessary faults and injuries

1. Non professional personnel shall not disassemble lamps and accessories in lamps without authorization
2. AC power supply: check whether the local power supply meets the requirements of product rated voltage.
3. The lamp is designed according to the type of electric shock protection. The lamp shall be connected with the fully grounded power supply system, and the ground wire of the lamp must be connected with the ground wire of the power supply system Do not use the power cord with damaged insulation, and do not overlap the power cord with other wires
4. During the installation and positioning of lamps, the minimum distance between any point on the surface of lamps and any inflammable and explosive objects shall be 10m and 2.5m from the irradiated object. Please do not install lamps directly on the surface of combustible materials
5. Ambient temperature of lamps: (- 10 °C + 40 °C), the maximum surface temperature of lamps is 80 °C. Lamps should be kept away from liquid substances and humid environment
6. Before using the lamps, ensure that the lamps are well grounded, and do not install or disassemble any parts of the lamps with electricity
7. When installing lamps, the fixing screws must be fastened, equipped with safety ropes, and checked regularly
8. It is recommended that the continuous working time of lamps should not exceed 10 hours, and the interval between continuous starting lamps should not be less than 10 minutes Otherwise, it will not be triggered normally due to the bulb overheating protection
9. In the process of use, if the lamp is abnormal, stop using the lamp in time
10. When the bulb reaches the rated service life, it shall be replaced in time, otherwise there will be a dangerous accident of bubble explosion
11. The rotating parts and pasted accessories of lamps must be inspected regularly. In case of looseness and shaking, they shall be reinforced in time to prevent accidents

12. The lamps are cooled by strong wind, which is easy to accumulate dust. They must be cleaned once a month, especially the heat dissipation outlet, otherwise they will be blocked by dust, resulting in poor heat dissipation and abnormal lamps

Maintenance and guarantee:

Shutdown operation: turn off the light source in advance before each shutdown. Let the heat dissipating fan discharge the heat generated during the use of the luminaire quickly, thus prolonging the service life of the lamps and lanterns, especially the lamp source. In order to ensure that lamps and lanterns can operate stably, they should be kept clean, dismantled, and repaired or started to maintain their work.

Before that, it is very important to confirm whether the power is disconnected. Keeping the lamps clean and clean is very important. Please clean regularly, not only keep the maximum brightness output, but also prolong the service life of lamps and lanterns. It is recommended to use high quality glass cleaning agents and clean soft cloth to clean them. Use a vacuum cleaner to clean the interior of the lamp at least once every six months

after-sale service

be careful! When the lamps leave the factory, they are subject to strict quality inspection, and the packaging is intact. Please operate according to the operation manual

Machine failure caused by human factors is not covered by warranty

1. The company provides technical consultation for customers all its life

If the product breaks down and needs to be repaired, please show the product warranty card and fill in the relevant contents truthfully. At the same time, we also hope that customers can feed back the problems of the products to us in time, so that we can improve the products at the first time.

2. In addition to lamps, the following accessories can be selected:

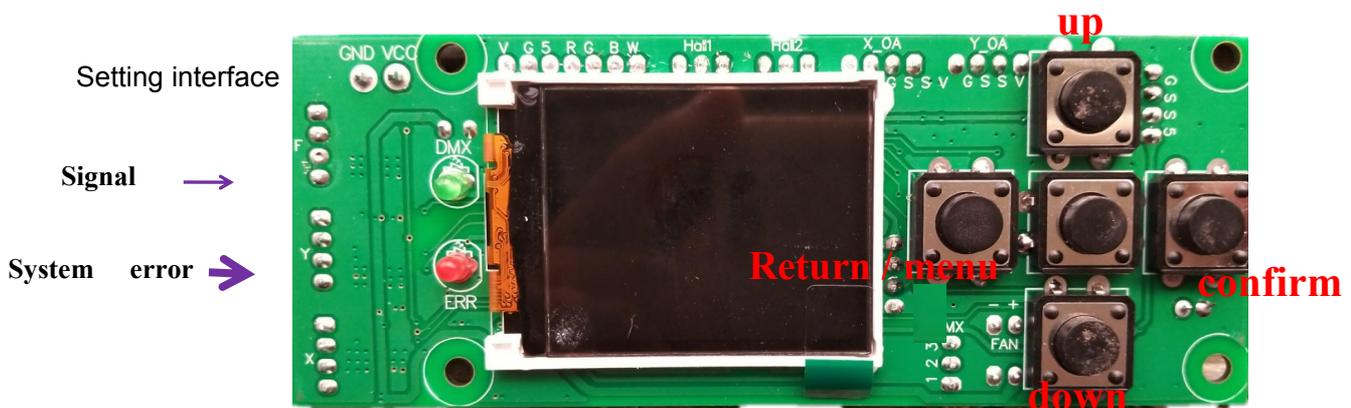
Accessories: 1 power line, 1 signal line, 1 manual

Options

Light source (according to customer requirements)

Light hook safety rope (according to customer's choice)

5. Menu operation



There are four first level menus: system setting, operation mode, display setting and factory setting, which are simple to operate and fast to respond.

6. Menu description

System settings

1. The DMX address 002 is modified by pressing the Enter key. Press the up and down keys to select the DMX address, then confirm and return to exit..

2. When the encoder is off, confirm the modification with the OK key, then select off / on up and down, confirm again, and return to exit

3. X reverse closing, confirm the modification with the confirmation key, then select close / open up and down, confirm again, and return to exit.

4. Y reverse closing, confirm the modification with the confirmation key, then select close / open up and down, confirm again, and return to exit.

Operation mode

Operation mode DMX confirms the modification with the confirmation key, selects the operation mode with the up and down keys, reconfirms and returns to exit.

Channel selection 16CH

Explicit boundary setting

Select Chinese language, confirm the modification with the OK key, select the language with the up and down keys, confirm again, and return to exit.

When the inverted display setting is closed, confirm the modification with the confirm key, select open with the up and down keys, confirm again, and return to exit.

Factory settings (password 138)

calibration

X calibration 128 confirms the modification through the confirmation key, then selects the appropriate channel value up and down, reconfirms and returns to exit

Y calibration 128 confirms the modification through the confirmation key, then selects the appropriate channel value up and down, reconfirms and returns to exit

Focus 128 confirms the modification through the confirmation key, and then selects the appropriate channel value up and down, and then confirms and returns to exit

Red 220 confirms the modification through the confirmation key, then selects the appropriate channel value up and down, and then confirms and returns to exit

Green 220 confirms the modification through the confirmation key, then selects the appropriate channel value up and down, then confirms and returns to exit

Blue 220 confirms the modification through the confirmation key, then selects the appropriate channel value up and down, and then confirms and returns to exit

The white 220 confirms the modification through the confirmation key, then selects the appropriate channel value up and down, and then confirms and returns to exit

Logo 000: first confirm through the function key on the left, then select the appropriate logo up and down, then confirm and return to exit

7. Dmx Channel mode:

16 Channels

passageway	16	
1	X axis (horizontal)	000-255
2	X-axis trim	000-255

3	Y axis (vertical)	000-255
4	Y-axis trim	000-255
5	XY speed	000-255
6	Total dimming	000-255
7	Stroboscopic	000-255
8	Red (R)	000-255
9	Green (g)	000-255
10	Blue (b)	000-255
11	White (W)	000-255
12	focusing	000-255
13	Function mode	000-255
14	Function mode speed	000-255
15	Color temperature	000-255
16	reset	000-249 invalid 250-255 reset

24 channels

passageway	24	
1	X axis (horizontal)	000-255
2	X-axis trim	000-255
3	Y axis (vertical)	000-255
4	Y-axis trim	000-255
5	XY speed	000-255
6	focusing	000-255
7	Total dimming	000-255
8	Stroboscopic	000-255
9	Red (R) group 1	000-255
10	Green (g) group 1	000-255
11	Blue (b) group I	000-255
12	White (W) group 1	000-255
13	Red (R) group II	000-255
14	Green (g) group 2	000-255
15	Blue (b) group II	000-255
16	White (W) group II	000-255
17	Red (R) group 3	000-255
18	Green (g) group 3	000-255
19	Blue (b) group III	000-255
20	White (W) group 3	000-255
21	Function mode	000-255
22	Function mode speed	000-255
23	Color temperature	000-255
24	reset	000-249 invalid 250-255 reset