

19×15W LED Zoom Moving Head



USER MANUAL

Thank you for using the products produced by our company. For your safe and effective use of this product, please read this instruction manual carefully and completely before you use this product. This instruction manual includes: the performance of the product and how to use it safely. Please keep it properly for reference when using it. Please strictly abide by the relevant instructions during installation and use.

Specifications:

Power supply: AC100V-240V

Frequency: 50Hz-60Hz

Power consumption: 285W

Light source: 19pcs 15W high bright RGBW 4-IN-1 LEDs

Zoom angle: 8-54°

Channel: 16/24 DMX channels

Control mode: DMX512, sound activated, Master-slave, auto run

Light body color: black

Protection class: IP20

Dimension: 320*210*380mm

Packing size: 450*370*420MM

Net weight: 10kg

Gross weight: 12kg

Function introduction:

1. International standard control signal: DMX512
2. Number of channels: 16CH, 24CH (reserved)
3. Number of motors: 3 silent motors in total
4. Liquid crystal 650,000-color touch TFT interface, easy to operate, beautiful interface, the interface can be reversed 180 degrees.
5. The X axis rotates horizontally at 540°/C, and the Y axis rotates vertically at 270°/C, with automatic correction and positioning.
6. X, Y axis can be adjusted and adjusted finely, the software has the function of calibration and positioning, and the precision is high!
7. Dimming: 0-100% linear adjustment.
8. Strobe: Strobe speed (1-30 times/sec), full linear dimming and variable strobe speed.
9. Focusing: the use of optical combination, the effect is far better than the usual dyeing lights, can project a high-definition effect.
10. Overheating intelligent protection
11. Intelligent dimming control (extended lamp life)

Connection of DMX512 signal:

The lamp uses the DMX512 signal control mode, and the control signals of each lamp are in a parallel relationship. When connecting the signals of multiple lamps, it is best to use a double-core shielded cable. When connecting, each lamp is connected through the DMX signal jack (XLR socket) INPUT (input) and OUTPUT (output) are connected. The 3-pin XLR plug terminals of the signal line connecting the lamps must correspond to each other. When connecting the lamps and lanterns, it is recommended to use a DMX signal terminator. The DMX signal terminator is to connect a 120 ohm 1W resistor between pins 2 and 3 of an XLR plug, and connect it to the OUTPUT (output) jack of the last fixture.

Installation instructions for lamps:

This lamp can be placed horizontally, obliquely and upside down, and you must pay attention to the installation method when you are inclined or upside down.

Fixed installation of lamps: Before positioning the lamps, ensure the stability of the installation site. When reversing the hanging installation, make sure that the lamps do not fall off the support frame, and use safety ropes to pass through the support frame and the lamps to lift. To ensure safety, prevent the lamps from falling and sliding. When the lamps are installed and debugged, pedestrians are prohibited from passing below. Regularly check whether the safety ropes are worn and whether the hook screws are loose. If the hanging installation is not stable, the manufacturer does not assume any responsibility for all consequences resulting from the fall of the lamp.

Safety warning!

In order to ensure your safe and correct use of the lamps, please read the following safety tips carefully before use to avoid unnecessary failures and injuries.

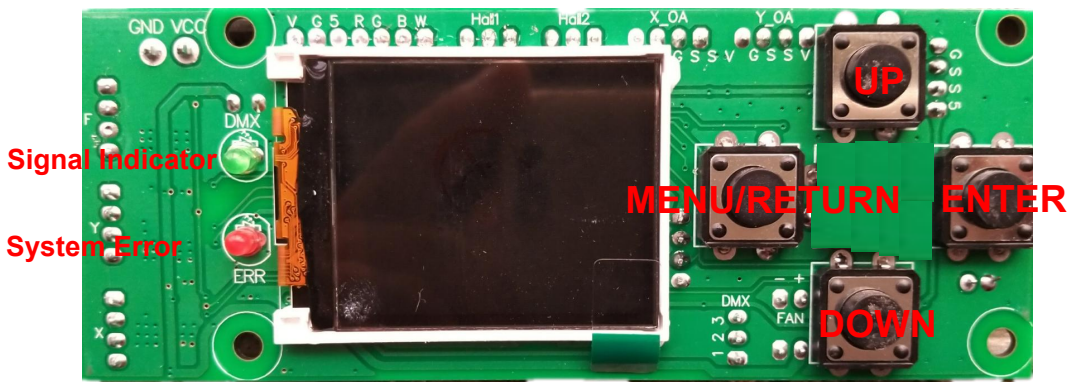
1. Non-professionals, do not disassemble the lamps and the accessories in the lamps without authorization.
2. AC power supply: Check whether the local power supply meets the rated voltage requirements of the product.
3. The lamp is designed according to the type of electric shock protection. The lamp must be connected to a power supply system with sufficient grounding, and the ground wire of the lamp must be connected to the ground wire of the power supply system. Do not use the power cable with damaged insulation. Lap the power cord over the other wires.
4. When installing and positioning the lamp, keep a minimum distance of 10 meters between any point on the surface of the lamp and any combustible and explosive materials, and 2.5 meters away from the irradiated object. Please do not install the lamp directly on the surface of the combustible material.
5. The ambient temperature used by the lamps: (-10 degrees + 40 degrees), the maximum surface temperature of the lamps is 80 degrees, and the lamps should be kept away from liquid substances and humid environments.
6. Before using the lamp, make sure that the lamp is well grounded, and do not install or remove any part of the lamp with electricity.
7. When installing lamps, the fixing screws must be tightened, and safety cables must be added, and checked regularly.
8. It is recommended that the continuous working time of the lamp should not exceed 10 hours, and the interval between continuous starting of the lamp should not be less than 10 minutes. Otherwise, it will not be triggered normally due to the overheating protection of the lamp.
9. In the process of use, if the lamp is abnormal, stop using the lamp in time.
10. The bulb should be replaced in time when it reaches the rated service life, otherwise there will be a dangerous accident of explosion.
11. The rotating parts of the lamps and the pasting accessories must be checked regularly. If they are loose, they should be reinforced in time to prevent accidents.
12. The lamps are cooled by strong wind, which is easy to accumulate dust. It must be cleaned once a month, especially the cooling air vents. Otherwise, the dust will be blocked, resulting in poor heat dissipation and abnormal lamps.

Maintenance:

Shutdown operation: Before each shutdown and power failure, turn off the light source in advance. Let the cooling fan quickly discharge the heat generated in the lamp during use, which can prolong the service life of the accessories in the lamp, especially the light source! In order to ensure that the lamp can run stably, it should be kept clean, and the lamp should be disassembled for repair or maintenance work. Before starting the maintenance work, it is necessary to confirm whether the power supply is disconnected. It is very important to keep the lamp clean and clean. Please clean it regularly, not only to maintain the maximum brightness output, but also to extend the service life of the lamp, it is recommended to use a high-quality glass cleaner and a clean soft cloth to clean, and use a vacuum cleaner to clean the interior of the lamp at least once every six months.

Menu Operation

Setting interface:



There are four first-level menus for system settings, operating modes, display settings, and factory settings, which are easy to operate and respond quickly.

Menu Description

System Setting:

1. DMX address - 002
Confirm the modification through the ENTER key, select the DMX address with the UP and DOWN keys, confirm again, and return to exit. .
2. Encoder - off
Confirm the modification through the ENTER key, then select off/on UP and DOWN, confirm again, and return to exit.
3. X Reverse - Close
Confirm the modification through the ENTER key, then select close/open UP and DOWN, confirm again, and return to exit.
4. Y reversal - Close
Confirm the modification through the ENTER key, then select close/open UP and DOWN, confirm again, and return to exit.

Operating Mode:

Running mode - DMX

Confirm the modification through the ENTER key, select the running mode with the UP and DOWN keys, confirm again, and return to exit.

Channel selection - 16CH

Explicit settings:

Language selection - English

Press the ENTER key to confirm the modification, the UP and DOWN keys to select the language, confirm again, and return to exit.

Inverted display setting - Close

Confirm the modification with the ENTER key, select open with the UP and DOWN keys, confirm again, and return to exit.

Factory setting (password 138):

calibration

X calibration 128

Confirm the modification through the ENTER key, then select the appropriate channel value UP and DOWN, confirm again, return to exit

Y calibration 128

Confirm the modification through the ENTER key, then select the appropriate channel value UP and DOWN, confirm again, return to exit

Focus - 128

Confirm the modification through the ENTER key, then select the appropriate channel value UP and DOWN, confirm again, return to exit

Red - 220

Confirm the modification through the ENTER key, then select the appropriate channel value UP and DOWN, confirm again, return to exit

Green - 220

Confirm the modification through the ENTER key, then select the appropriate channel value UP and DOWN, confirm again, return to exit

Blue - 220

Confirm the modification through the ENTER key, then select the appropriate channel value UP and DOWN, confirm again, return to exit

White - 220

Confirm the modification through the ENTER key, then select the appropriate channel value UP and DOWN, confirm again, return to exit

Logo - 000

Press the left function key to ENTER first, then select the appropriate logo UP and DOWN, then confirm, return to exit

Channel Mode(16/24CH):

Channel	Function	Value
1	Pan	000-255
2	Pan fine	000-255
3	Tilt	000-255
4	Tilt fine	000-255
5	Pan/Tilt speed	000-255
6	Dimmer	000-255
7	Strobe	000-255
8	Red	000-255
9	Green	000-255
10	Blue	000-255
11	White	000-255
12	Zoom	000-255
13	Macro	000-255
14	Macro speed	000-255
15	Color temperature	000-255
16	Reset	000-249 Empty 250-255 Reset

Channel	Function	Value
1	Pan	000-255
2	Pan fine	000-255
3	Tilt	000-255
4	Tilt fine	000-255
5	Pan/Tilt speed	000-255
6	Zoom	000-255
7	Dimmer	000-255
8	Strobe	000-255
9	Red group 1	000-255
10	Green group 1	000-255
11	Blue group 1	000-255
12	White group 1	000-255
13	Red group 2	000-255
14	Green group 2	000-255
15	Blue group 2	000-255
16	White group 2	000-255
17	Red group 3	000-255
18	Green group 3	000-255
19	Blue group 3	000-255
20	White group 3	000-255

21	Macro	000-255
22	Macro speed	000-255
23	Color temperature	000-255
24	Reset	000-249 Empty 250-255 Reset