

USER'S MANUAL

LED Wash Zoom 36x18W RGBWA UV Moving Head Lighting



1-Maintenance

1. Please keep the light in dryness and avoiding use in wet place.
2. Using intermittently can be extended the life.
3. Attention to clean the fan and lens usually in order to get the ventilating effects and lighting effects better.
4. Please do not wipe the crust using organic menstruum for avoid to damaged the product.

2-Statement

The product has well capability and intact packing when leave factory, All of the user should comply with above warning item and manual, any misuse cause of the damages are not included in our guarantee, and also can't be responsible for any malfunction & problem owing to ignore the manual.

Please forgive that we will not be notice for technical change

3-Attention Item

1. For guarantee the life of product, please do not put it on the wet place and not use it the place over 40 degree.
2. Please don't lay the product on the un-fixable or shakable place.
3. Ask for the professional to maintain the product in order to avoid the danger of get an electric shock.
4. Power supply should not be changed over +&-10% while the light is using, it will be decreased the life of

lamp if the power is too high, but it will be influenced the luminosity if the power is too low.

5. After power off, if it is needed used again, please cool down over 20 minutes.

6. Please look round the manual for ensure the product can be used normally.

4-Technical parameters:

Power supply: AC100V-240V

Frequency: 50Hz-60Hz

Total power: 540W

Fuse: 7A

Light source power: 540w

Color temperature: 8500K

Average life: 2000h

Control signal: international standard DMX512

Appearance: high temperature resistant plastic + molded alloy material

Color of lamp body: Black

Protection class: IP20

Net weight 11.KG

5-Product Introduction

1. International standard control signal: DMX512

2. Number of channels: 18CH

3. Number of motors: 3 mute motors in total

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

5. Horizontal rotation of X axis 540 °, vertical rotation of Y axis 270°, with automatic correction and positioning.

6. X-axis and y-axis operation are adjustable and micro adjustable. The software has the function of correction and positioning, with high accuracy!

7. Dimming: 0-100% linear adjustment

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

9. Focusing: with optical combination, the effect is far better than that of ordinary dye lamp, which can project high-definition effect

10. Overheat intelligent protection

11. intelligent dimming control (perpetual lamp source life)

6-Connection of DMX512 signal:

DMX512 signal control mode is used for this luminaire. The control signals of each luminaire are connected in parallel. When connecting multiple luminaire signals, it is better to use double core shielded cable. When

connecting, each luminaire is connected through input and output of DMX signal Jack (XLR base) on the luminaire. The 3-core xlr plug terminals of the signal wires connecting the luminaire must correspond to each other. When connecting the luminaire signals it is suggested to use DMX signal terminator to avoid damaging control signal due to electric noise. DMX signal terminator is a 120 ohm 1W resistor connected between two and three pins of an XLR plug and connected to the output jack of the last lamp

7-Installation instructions of lamps:

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

1. **Fixed installation of lamps:** before positioning the lamps, ensure the stability of the installation site. When reversing the hanging installation, ensure that the lamps do not fall down on the support bracket. Use safety rope to pass through the support bracket and lamp handle for auxiliary hanging to ensure safety. Prevent the lamps from falling and sliding. During the installation and commissioning, pedestrians are not allowed to pass under the lamps. Regularly check whether the safety rope appears. The manufacturer shall not bear any responsibility for all consequences caused by falling of lamps due to unstable installation of hanging

8-Safety tips!

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

1. **Non professional personnel shall not dismantle lamps and fittings in lamps without authorization**
2. **AC power supply:** check whether the local power supply meets the rated voltage requirements of the product.
3. **The luminaire is designed according to the type of electric shock protection. The luminaire shall be connected with the fully grounded power supply system, and the ground wire of the luminaire must be connected with the ground wire of the power supply system. Do not use the power wire with damaged insulation layer, and do not lap the power wire on other wires**
4. **When the luminaire is installed and positioned, the minimum distance between any point on the surface of the luminaire and any inflammable and explosive substance is 10 meters, and the distance from the irradiating substance is 2.5 meters. Please do not install the luminaire directly on the surface of inflammable substance.**
5. **Ambient temperature of the lamp: (- 10 ° C + 40 ° C), the maximum temperature of the lamp surface is 80 ° C, and the lamp shall be far away from liquid substances and humid environment**
6. **Before using the lamp, make sure that the lamp is well grounded, and do not install or remove any parts of the lamp with electricity**
7. **When installing the lamp, the fixing screw must be fastened, safety cable shall be added, and regular inspection shall be carried out**
8. **It is recommended that the continuous working time of the lamp shall not exceed 10 hours, and the interval between continuous start of the lamp shall not be less than 10 minutes. Otherwise, the lamp will**

not trigger normally due to overheating protection of the bulb

9. In case of any abnormality during use, the lamp shall be stopped in time

10. When the bulb reaches the rated service life, it shall be replaced in time, otherwise it may cause a dangerous accident of bursting

11. The rotating parts and pasted accessories of the lamp must be inspected regularly, and the loose and shaking parts shall be reinforced in time to prevent accidents

12. The lamp is cooled by strong wind, which is easy to accumulate dust. It must be cleaned once a month, especially the air outlet for heat dissipation. Otherwise, it will be blocked due to dust accumulation, resulting in poor heat dissipation and abnormal lamp

9-Maintenance and guarantee:

Shut down operation: turn off the lamp source before power failure before shutdown. Let the heat dissipating fan discharge the heat generated in the lamp when used, so that the perpetual lamp fittings, especially the lamp source, can be extended. To ensure that lamps can be operated steadily, they should be kept clean, disassembled and repaired or started to maintain. Before the power is cut off, it is very important to keep the lamps clean and clean. You must clean regularly, not only keep the maximum brightness output, but also perpetual lamp life. It is suggested to use high quality glass cleaning agent and clean soft. Clean the interior of the lamp with a vacuum cleaner at least half a year

SHEHDS

Board Instruction

1. Set Up

| Item | Description | |
|----------|---------------|--|
| Set Up | DMX Address | 001-512 Master&Slave: Receive DMX signal from console or host |
| | FraderDelay | ON/OFF |
| | Code Wheel | On Use encoder to judge out of step and correct position automatically Off Correct position without encoder |
| | No DMX signal | KEEP Continue to operate in the original state CLEAR Motor return, stop |
| | Screen Saver | ON turn off light in 30s OFF light on all the time |
| | Pan Reverse | ON/OFF |
| | Tilt Reverse | ON/OFF |
| | Load Default | ON/OFF |
| | Return | |
| Run mode | Sound Mode | ON/OFF |
| | AutoMode1 | ON/OFF |
| | Auto Mode 2 | ON/OFF |
| | Auto Mode 3 | ON/OFF |
| | Auto Mode 4 | ON/OFF |
| | Return | |

2. SysInfo

| Item | Description |
|-------------|----------------------|
| SoftVer | V1.00 |
| RunTime | Machine working time |
| SoftVer | V1.00 |
| Temperature | Lamp temperature |
| Fan Status | Working state of fan |
| Return | |

3.Manual

This interface is used to control the current lamps, neither belonging to the slave state machine state (not receiving DMX signal) nor to the host state (not sending DMX signal)

| Item | Description | |
|-------------|-------------|--------------------|
| Reset | YES/NO | |
| Pan | 0-255 | Adjust Pan motor |
| Tilt | 0-255 | Adjust Tilt motor |
| Focus | 0-255 | Adjust focus motor |
| First Lamp | 0-255 | RGBW dark--light |
| Second Lamp | 0-255 | RGBW dark--light |
| Third Lamp | 0-255 | RGBW dark--light |
| Fouth Lamp | 0-255 | RGBW dark--light |
| Return | | |

DMX Channel Summary

| Channel | Value | Function |
|---------|-------|------------------|
| CH1 | 0-255 | Pan |
| CH2 | 0-255 | Tilt |
| CH3 | 0-255 | Pan & Tilt Speed |
| CH4 | 0-255 | Total dimmer |
| CH5 | 0-255 | Red |
| CH6 | 0-255 | Green |
| CH7 | 0-255 | Blue |
| CH8 | 0-255 | White |
| CH9 | 0-255 | Amber |
| CH10 | 0-255 | Violet |
| CH11 | 0-255 | Strobe |
| CH12 | 0-255 | Zoom |
| CH13 | 0-254 | Function |
| | 255 | Sound control |
| CH14 | 0-255 | Function speed |
| CH15 | 0-255 | Pan fine |
| CH16 | 0-255 | Tilt fine |
| CH17 | 0-255 | Reset |
| CH18 | Empty | |

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