

Instruction manual



LED GOBO 100W MOVING HEAD LIGHT

Error message	Description
Motor reset failed, serial port error	The driver board did not respond. There is a problem with the serial communication line connecting the display panel and the driver board, or there is a problem with the driver board.
X axis reset failed	X-axis photoelectric switch, or X-axis motor has problems
Y axis reset failed	Y-axis photoelectric switch, or Y-axis motor has problems
X axis Hall error	X-axis Hall has a problem
Y-axis Hall error	Y-axis Hall has a problem
Color disk reset failed	Color plate Hall, or color plate motor has problems
Pattern disk reset failed	Pattern plate Hall, or color plate motor has problems
Focus reset failed	Focus plate Hall, or color plate motor has problems
Lamp control failed	Blinking or defoaming failed, there is a problem with the lighter or the bulb

10. Advanced

Set a password here to prevent misuse by non-professionals. The default password is "up and down. Press the "OK" button to perform password verification

Option	Description
Reset calibration	After entering the sub-interface, the reset position of X-axis and Y-axis motors can be adjusted to compensate for the error in hardware installation. The range of adjustment - 128 ~+127, +0 means no adjustment.
Sensor monitoring	Real-time monitoring of sensor status on various photoelectric switches, Halls, etc.

Please read the product carefully before use

Maintaining

- 1).The Lamps and lanterns should be kept dry, avoid working in moist environment
- 2).Indirect use will extend the service life of the lamp effectively
- 3).To obtain the better effect of ventilation and lighting, it is need to pay attention to the regular cleaning of fan and lens
- 4).Do not use organic solvents to clean the lamp shell, so as not to cause damage

Statement

This product performance in good condition, completely packed, working properly before it is sold. All users should strictly comply with the above stated warnings and instructions. Any damaged caused by human error are not within the company's warranty. Faults and problems which caused from neglect the operation manual is not in the Distributor responsible for range.

Caveats

- 1).In order to ensure the service life of the products, the products should not put on a wet or Water Leakage place, nor in the temperature more than 40 Deg place to work
- 2).Do not place this product where easily loose or vibration.
- 3).In order to avoid the risk of electricity, for maintenance please ask professional personnel for help
- 4).The power supply voltage change should not be more than 10% when Light bulb work , high voltage will shorten the service life of the bulb, low voltage can lower the smooth effect.
- 5).Lamps and lanterns need sufficient cooling when the power is energized again after use.
- 6).In order to guarantee the normal use of this product, please read the instructions carefully.

Introduction to products

1. Technical parameters :

- Input voltage: AC.110-240V 50Hz/60Hz
- Light source:100W high-brightness LED beads
- Output power: 160W
- Channel signal: 14 DMX signaling pathways
- Net weight: 6. KG
- Gross weight: 7. KG

2. Menu structure

- 1.Setting ----Run mode ----DMX address ----Channel mode ----X inversion----Y inversion
- XY encoder----no DMX signal----screen protection----boot bright bubble
- Screen automatically rotates----Color wheel linear change----Restore default settings
- 2. manual --
- 3. system -- software version -- DMX channel value monitoring --- system error record
- 4.Advanced -- Sensor Monitoring -- Reset Calibration -- Pattern Color Zero Correction
- Chinese and English switching -- screen rotation

8. Manual control

This interface is used to control the current fixture. Press the "OK" button to enter the editing state. At this time, the hundred digits are selected, and the "up" and "down" keys are pressed to change the channel value. Press the "OK" button again to select the ten-digit edit. Press the "OK" button again to select the one-bit edit. Press again to exit the edit state.

9. System Information

Option	Description
Software version	Current software version
DMX channel value	This enters the sub-interface and displays the channel values as values and percentages for viewing.
System error log	If the red ERR indicator is lit, it indicates that the luminaire is running incorrectly. The details can be viewed in the sub-interface. After viewing, you can press the "Clear" button to clear the error record. Note: Sometimes it is not really a Hall or optocoupler installation problem, but the motor line is reversed.

X reversal	OFF	
	ON	
Y reversal	OFF	
	ON	
XY exchange	OFF	
	ON	Exchange XY axis channels (including fine tuning)
XY encoder	ON	Use encoder (optocoupler) to determine out of step and automatically correct position
	OFF	Correct position without encoder (optocoupler)
No DMX signal	Keep the state	Continue running as it is
	Return to zero	Motor reset, stop operation
Screen protector	ON	Turn off the backlight after 30 seconds of idleness
	OFF	Backlight always shines
Screen rotation automatically	OFF	Turn off screen auto rotation
	ON	Turn on the screen auto-rotate function
Restore default settings		Press the "OK" button and you will see the confirmation dialog. Press the "OK" button again to restore the default settings.

3. Screen automatic rotation function

The system automatically rotates the screen automatically according to the direction of gravity without manual rotation.

It is also possible to turn off the auto rotation function.

4. Power-off Dial Address Code Function

After equipped with batteries, when the lamp is not powered on, press the confirmation button for 5 seconds for display.

The screen will be powered by batteries to achieve the purpose of disconnecting the address number.

5. Channel Description

Channels	CHANNEL MODE
	Std.14CH
CH1	DIMMER
CH2	STOP/STROBE
CH3	PAN
CH4	TILT
CH5	PAN-TILT TIME
CH6	PRISM RT COLOUR
CH7	GOBO
CH8	GOBO1
CH9	GOBO1_RT
CH10	PRISM
CH11	FOCUS
CH12	PAN FINE
CH13	TILT FINE
CH14	RESET

6.COLO

BIT	EFFECT
255	FAST ROTATION
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80	SLOW ROTATION
75-79	PINK+ WHITE
70	LAVENDER+ PINK
65	LIGHT GREEN+ LAVENDER
60	GREEN+ LIGHT GREEN
55	AQUAMARINE+ GREEN
50	ORANGE+AQUAMARINE
45	RED+ ORANGE
40	WHITE+ RED
35-39	PINK
30	LAVENDER
25	LIGHT GREEN
20	GREEN
15	AQUAMARINE
10	ORANGE
5	RED
0	WHITE

7. Settings

Option	Description	
Operating mode	DMX	Slave state: receiving DMX signals from console or host
	Random self-propelled	
	Voice control	
DMX address	1~512	Press the "OK" button to enter the editing state. At this time, the hundred digits are selected, and the "up" and "down" keys are pressed to change the address code. Press the "OK" button again to select the ten-digit edit. Press the "OK" button again to select the one-bit edit. Press again to exit the edit state.
Channel mode	Standard 14CH	Standard 14 channel mode