

Mini Gobo Moving head Light



User Manual

(English/Deutsch/Français/ Español/ lingua italiana)

Please read the instructions carefully before use

Bitte lesen Sie die Anweisungen sorgfältig vor Benutzung
S'il vous plaît lire attentivement les instructions avant d'utiliser
Por favor, lea las instrucciones cuidadosamente antes de usar
Si prega di leggere attentamente le istruzioni prima dell'uso

General instructions

Unpacking:

Thank you for choosing our company's products, in order to make you safe, fast and easy to use this product, please read the "user manual" before using the device, and strictly in accordance with "user manual" to install or use the device, in case of any doubt during the process, please feel free to contact with us or the distributor, meanwhile, we welcome your valuable suggestion, we will be happy to provide you with high-quality consulting and after-sales service.

Attachments:

1. Mini Gobo Moving head Light: 1PCS
2. Power cable: 1PCS
3. Bracket: 1PCS, Screw: 2PCS
4. User Guide: 1PCS

Notice:

1. Before using this unit Please look round the manual for ensure the product can be used normally be sure the voltage and frequency of power supply match the power requirements of the fixture.
2. Do not place the product in unstable places.
3. The power supply should not exceed the range specified in the manual of +/- 10%
4. Working environment temperature: -20°C~40°C
5. After power off, if it is need used again, please cool down over 20 minutes.
6. For guarantee the life of product, please don't put it on the wet place and also not use it in the place over 40 degree.
7. This unit is intended for indoor use only and should be prevented form water, moisture and shake.
8. Always replace with the exact same type fuse, replacement with anything other than the specified fuse can cause fire or electric shock and damage your unit, and will void your manufactures warranty.

Technical Specification:

1. Applicable power: AC100-240V (50HZ / 60HZ)
2. LED light source: imported high-brightness LED white light beads.
3. Color: 8 colors
4. Focusing: manual focus
5. Beam angle: 11 °
6. Pattern: 8 patterns, adjustable speed.
7. Horizontal / vertical rotation angle: horizontal 540 °, vertical 180 °.
8. Strobe / dimming: electronic variables.
9. Electronic linear dimming: 0-100%
10. Working mode: automatic, voice control, DMX512, master-slave.

11. Channel mode: 9/11 two control channel mode.

12. Size: L * W * H = 280 * 210 * 260mm;

13. Weight: 3.4KG

Front Panel:

1, MENU: select program function

2, UP: Select the menu up

3, DOWN: Select the menu down

4, ENTER: confirm the selected function

Menu functions and function settings:

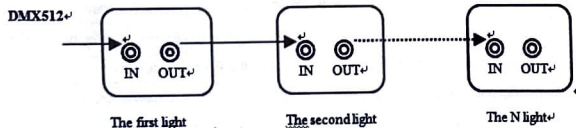
MENU	Function setting description
Addr	Select DMX Address (1-512) : Press "ENTER" to enter, press "UP" and "DOWN" to select, then press "ENTER" to confirm
Chnd	Channel mode : The lamp has 9CH / 11CH two channel mode, press "ENTER" to enter, press "UP" or "DOWN" to select mode, press "ENTER" to confirm the selected mode.
Shnd	Show mode : The unit has Sh 0 ~ Sh 4 five show modes, press ENTER to enter, press UP or DOWN to select mode, press ENTER key to confirm the selected mode.
dind	Dimming mode : The unit has five dimming modes, press ENTER to enter, press UP or DOWN to select mode, press ENTER to confirm the selected mode
SLnd	Slave selection mode : The unit has SL 1 ~ SL 2 two slave mode, press UP or DOWN to select, usually select SL 1, press ENTER key to confirm
Soun	Voice control selection : Press ENTER to enter, press UP or DOWN to select "on" or "OFF", "on" to activate voice control, "OFF" to turn voice control off, press ENTER key to confirm selection
SenS	Voice control sensitivity selection (0 ~ 100) : Press ENTER to enter, press UP or DOWN to modify the value to select sensitivity, press ENTER key to confirm
Pint	X-axis forward and reverse rotation selection : Press ENTER to enter, press UP or DOWN to select "on" or "yes", "on" is forward rotation, "yes" is reverse rotation, press ENTER to confirm selection
lint	Y axis forward and reverse rotation selection : press ENTER to enter, press UP or DOWN to select "on" or "yes", "on" is forward rotation, "yes" is reverse rotation, press ENTER to confirm selection
Led	The display backlight is always on or off Select : Press ENTER to enter, press UP or DOWN to select, "on" is always on, "off" is off.
disp	Display forward or inverted display selection : "disp" is the positive display, "dsp" is the

	inverted display, press the ENTER key to select.
test	Auto test: please User no set it
temp	Light source surface temperature detection: Press the "ENTER" key to enter the system, view the device light source surface temperature at this time.
rSet	Fixture Reset: press "ENTER" to Reset the fixture.

How to control the fixture:

1. DMX512 controller

Use the international standard DMX512 console, as shown below, with a signal cable to connect the console and the light. Note: All connected lights must be set to the same channel (9CH or 11CH) mode; otherwise, the lights will not be synchronized. After connecting the fixture and the console, turn on the power to all devices, the fixtures begins to work and reset. After the fixture is reset, all the fixtures should display one of the same address codes (1 to 512), indicating that the fixture has received a signal from the DMX512 and the console can control the operation of the light.



2. Master/slave operation

According to the scene needs, use the signal line to connect the lamp as shown the below ; all the lamps must be set in the same channel mode (9CH / 11CH); otherwise, the equipment will be out of step; after the lamps are connected, turn on the power of all the lamps , The fixtures will select one of the mainframes, the mainframe will show as Sh 0, and the display screens of all the other slaves will be uniformly displayed as SL 1 or SL 2. At this time, all the fixture will work synchronously with the mainframe.



DMX512 Channel Control Function Instructions

Channel		Value	Function
9CH	11CH		
CH1	CH1	000~255	Control light horizontal rotation (X axis)
	CH2	000~255	Fine-tune the light horizontal rotation (X-axis fine-tuning)
CH2	CH3	000~255	Control the vertical rotation of light (Y axis)
	CH4	000~255	Fine-tune the light vertical rotation (Y-axis fine-tuning)
CH3	CH5	000~127	Control light color selection
		128~189	Control light color wheel rotation speed, rotation speed changes from fast to slow
		190~193	Color wheel stops turning
		194~255	Control light color wheel rotation, rotation speed from slow to fast change
CH4	CH6	000~063	Control Gobo selection
		064~127	Control Gobo jitter selection
		128~189	Control light Gobo wheel rotation speed, rotation speed changes from fast to slow
		190~193	Gobo wheel stops rotating
		194~255	Control light Gobo wheel rotation speed, rotation speed from slow to fast change
CH5	CH7	000~007	Control light is off, the light is off
		008~015	Turn on the light
		016~131	Control the light strobe speed, strobe speed changes from slow to fast
		132~139	Turn on the light
		140~181	Control light quickly closed, slowly open
		182~189	Turn on the light
		190~231	The control light turns on quickly , turns off slowly.
		232~239	Turn on the light
		240~247	Control light random stroboscopic .
		248~255	Turn on the light
CH6	CH8	000~255	Adjust the fixture brightness: 0 ~ 100%
CH7	CH9	000~255	Control X-axis / Y-axis rotation speed, rotation speed changes from fast to slow

CH8	CH10	000-069	No Function
		070-079	The light shut off when the X / Y axis is rotated
		080-089	No Function
		090-099	Lights turn off when the color wheel is turned
		100-109	No Function
		110-119	The light shut off when the gobo is turned
		120-199	No Function
		200-209	Reset
		210-249	No Function
		250-255	Voice control function
CH9	CH11	000-020	Standard lighting effects
		021-040	Stage lighting effects
		041-060	TV lighting effects
		061-080	Architectural lighting effects
		081-100	Theater lighting effects
		101-255	Default standard lamp effect

Troubleshooting

When the following problems occur on the device, follow the prompts to troubleshoot the problem:

- The fixture is off or the fixture is not working: Check if the power switch, power cable, etc. are intact, plug and socket are plugged together, and check if the device settings and input voltage are correct.
- In master-slave mode, lamps do not work or are not responding or are not synchronized. Please check the following tips:
 - Confirm whether the connected device has only one host, the host display shows "Sh 0", and the rest for the slave, the display shows "SL 1" or "SL 2", otherwise the slave should be set to the unified mode.
 - Confirm whether the channel settings of all slaves are unified (CH9 or CH11).
 - Confirm that all fixtures horizontal rotation is set to the "on" state of "Pan" and whether the vertical rotation is set to the "on" state of "til".
 - Check the signal cable is intact.
 - Turn off the power 3-5 seconds, then restart the power.
- In the DMX512 mode, the fixture does not work or no response or not synchronized, please check the following tips:
 - Confirm that all devices are set in the unified channel control mode (CH9 or CH11).
 - Check if the equipment has received the DMX512 signal (when receiving 512 signals, the display shows

the same address code: one of 1 - 512), and check whether the cable is intact.

C. Check the console is normal, set up correctly.

4. The device does not have a sound control response:

A. Check whether the device's audio control sensitivity settings are correct. For details, see the "Device Menu Functions and Setting Instructions" section.

B. Check whether the device MIC is connected good.

The above method still can not solve the problem, please contact the dealer or our company's after-sales department.

Fixture cleaning

The cleaning of internal must be carried out periodically to optimize light output. Cleaning frequency depends on the environment in which the fixture operates: damp, smoking or particularly dirty surrounding can cause greater accumulation of dirt on the fixture's optics.

- Clean with soft cloth using normal glass cleaning fluid.
- Always dry the parts carefully.
- Clean the external optics at least every 20 days. Clean the internal optics at least every 30/60 days.

Statement

The product undergoes rigorous testing before delivery, with good performance, complete accessories, and undamaged packaging. All users must strictly abide by the "User Manual" to use this product, otherwise we are not responsible for any product quality problems caused by ignoring the "User Manual". If you purchase our products and have quality problems during normal use and need to be repaired, please contact the dealer nearest to you or our after-sales service department and we will be happy to assist you.