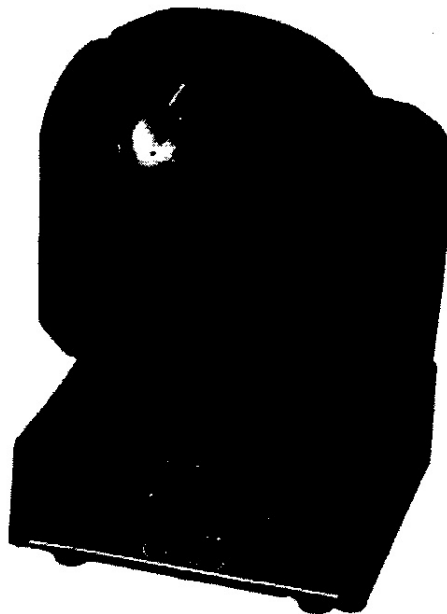# Mini Gobo Moving head Light

User   Manual

Please read the instructions carefully before use

Unpacking:

Thank you for purchasing this product. Please read user guide for safety and operations information before using the product. Keep this manual for future reference. This product can create perfect LED Mini Moving head light programs and effects since it has passed a series of strictly tests before delivery. Please check the attachments listed on the page after opening the carton. In the event of carton damage or attachment missing in transit, please contact your dealer or our after sales service department.

Attachments:

1. User Guide: 1PCS
2. Power cable: 1PCS
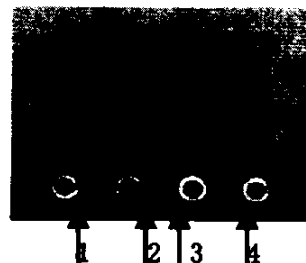3. Mini Gobo Moving head Light: 1PCS

Notice:

1. Before using this unit be sure the voltage and frequency of power supply match the power requirements of the fixture.
2. Do not remove the cover under any conditions.
3. Disconnect main power before servicing and maintenance.
4. Working environment temperature:-20℃~40℃
5. Do not turn on and off the unit frequently.
6. Do not connect the device to any dimmer pack and do not operate this unit when its cover removed.
7. Do not look directly at the LED light beam while the fixture is on.
8. This unit is intended for indoor use only and should be prevented form water, moisture and shake.
9. Do not remove or break the warranty label, otherwise it void the warranty.
10. 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 Specifications

1. Voltage: AC100~240V(50HZ/60HZ)
2. Power consumption: 25W
3. LED: Adopting white color 10W high brightness LED
4. Color Wheel: Seven diachronic-filters plus white, with adjustable speed, running water and gobo shaking effect, positive and negative rotation function
5. Focus: Hand focus
6. Beam angle: 11 degrees
7. Rotating gobo: Eight gobos, with adjustable speed, running water and positive and negative rotation effect
8. Scan angle: Pan/Tilt: 540°/180°
9. Strobe/Dimmer: Variable electronic
10. Electronic Dimming: 0-100%
11. Working Modes: Sound Active, AUTO, DMX512, Master-Slave
12. Control channel: 9/11
13. Size: L*W*H=280*210*260mm;
14. Weight: 3.2Kg

Rear Panel:

1、MENU: To select the program functions
2、UP: To go forward in the selected functions
3、DOMN: To go backward in the selected functions
4、ENTER: To confirm the selected functions

Menu Function and How to set the unit instructions:

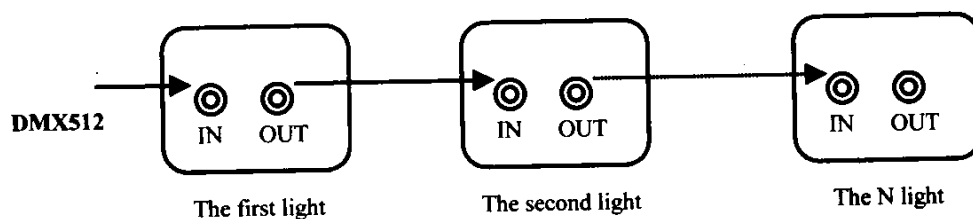| MENU	Function
Addr	**DMX Address:** press "ENTER" in to and then press "UP" and "down" to choose and press "ENTER" to confirm it
Chnd	**channel mode:** the fixture have two channels,9CH and11CH, press "ENTER" in to and then press "UP" and "down" to choose and then press "ENTER" to confirm it.
Shnd	**Show mode:** press "ENTER" in it and then press "UP" and "down" to choose and press "ENTER" to confirm it
dind	**Dim mode:** press "ENTER" in it and then press "UP" and "down" to choose and then press "ENTER" to confirm it
SLnd	**Slave mode:** the fixture have two slave mode SL1 and SL2, press "UP" or "down" to choose and then press "ENTER" to confirm it
Soun	**Sound mode:** press "ENTER" in it and then press "UP" or "down" to choose "on" or "off" and then press "ENTER" to confirm it
SenS	**Audio sensitivity select :** you can press the "ENTER" in to the fixtures system and then press "UP" and "down" to choose 0~100 value, usually to choose 90, and then press "ENTER" to confirm it.
Pint	**Pint reverse select:** press "ENTER" in it and then press "UP" and "down" to choose "on" and then press "ENTER" to confirm it.
tint	**Tilt reverse select:** press "ENTER" in it and then press "UP" and "down" to choose "on" and then press "ENTER" to confirm it.
Led	**LCD display take on or take off select:** press "UP" or "down" to choose it in "on" or "off " .
disp	**Display:** please User no set it
test	**Auto test:** please User no set it
tenp	**Temperature display:** you can press "ENTER" in to the fixture system and see it this time temperature.
rSet	**Fixture Reset:** You can press "ENTER" to Reset the fixture.

Notice: When you no use the "MENU" function, about 30 minute times late, the fixture system will close the LCD display, in time you can press the "MENU" about 3~5 minute the fixture system will turn on the LCD display

How to control the fixture:
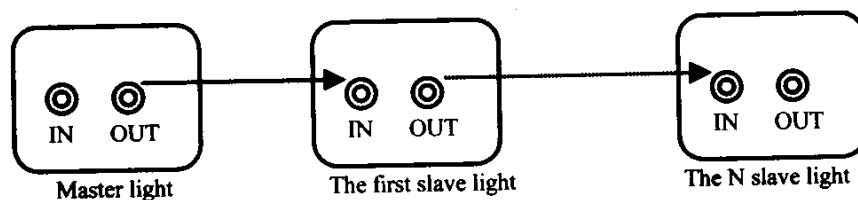
1、 DMX512 controller; 2、 Master/slave operation

1、 DMX512 controller

The fixtures only accepts the DMX512 signal of international standard to control the system. When you run the chase, all The fixture must be set the same channels(uses CH9 or CH11 channels),Then according to connect you need the fixtures as the below, then turn on the power, the fixtures will begin to work and all the fixtures play "1", in this times the all the fixtures have accept the DMX512 signal.

DMX512   IN   OUT   IN   OUT   IN   OUT

The first light   The second light   The N light

2、 Master/slave operation

The fixture will allow you to link 36 fixtures together and operate without a controller. **Notice:** you must according to the "Menu Function and How to set the unit instructions" in "SLnd" MENU and all the fixtures must set the same SL 1 or SL 2 and all The fixtures must be set the same channels(uses CH9 or CH11 channels), Then according to connect you need the fixtures as the below, then turn on the power, the fixtures will begin to work, in this mode, only one as master fixture and play "Sh 0" , other all fixtures play "SL 1" or "SL 2".

IN   OUT   IN   OUT   IN   OUT

Master light   The first slave light   The N slave light

DMX Operation

Channel		Value	Function
9CH	11CH		
CH1	CH1	000~255	**Pan reverse**
	CH2	000~255	Pan Fine
CH2	CH3	000~255	**Tilt reverse**
	CH4	000~255	Tilt reverse
CH3	CH5	000~127	Color to select ↓
		128~189	Color Wheel run from fast to slow
		190~193	Color Wheel stop
		194~255	Color Wheel run from slow to fast
CH4	CH6	000~063	Gobo select
		064~127	Gobo sake select
		128~189	Gobo Wheel run from slow to fast
		190~193	Gobo stop
		194~255	Gobo Wheel run from slow to fast
CH5	CH7	000~007	Closed light
		008~015	Turn on the light
		016~131	Strobe speed from slow to fast
		132~139	Turn on the light
		140~181	The light turn off fast to turn on slow
		182~189	Turn on the light
		190~231	The light turn on fast to turn off slow
		232~239	Turn on the light
		240~247	Strobe
		248~255	Turn on the light
CH6	CH8	000~255	Dimmer:0~100%
CH7	CH9	000~255	Pan/Tilt speed control, the run speed from fast to slow
CH8	CH10	000~069	No Function
		070~079	When pan/Tilt running, the light turn off
		080~089	No Function
		090~099	When the color wheel of running, the light turn off
		100~109	No Function
		110~119	When the gobo wheel of running, the light turn off
		120~199	No Function
		200~209	Reset
		210~249	No Function
		250~255	Sound active mode
CH9	CH11	000~020	Standard Dimmer
		021~040	Stage Dimmer
		041~060	TV Dimmer
		061~080	Architectural Dimmer
		081~100	Theatrical Dimmer
		101~255	Tacitly approve Dimmer

Troubleshooting

Following are few common problems that may occur during operation . Here are some suggestions for easy troubleshooting:

1、 If the power supply indicator does not light up and the fixture does not work, please check the power supply And the input voltage.

2、 In the Master-slave operation, slave unit don' t function, please check as below:

A. Make sure to there is only one master and play "Sh 0" and all others slaves must play "SL 1" and all the fixtures must set in the same channel mode)

B. Make sure to control the unit without DMX console controlling.

C. Make sure to take a good quality power cable and connection.

3、 In the DMX MODE operation the fixture is off and the DMX signal indicator is unlighted , please check as below:

A. Make sure to take a good quality DMX512 Controller

B. Make sure to have a good connection

4、 In DMX operation, the unit con not be controlled by the DMX console, but the DMX signal indicator is flashing, please make sure the DMX console and have the same channel.

5、 If the unit is fail: please check as below"

A. In the DMX MODE , Make sure all the fixtures if set in the same channels(uses CH9 or CH11 channels)

B. Make sure all the fixtures the "Pint" and "Lint" MENU if set in "on"

C. In the Master-slave MODE, Make sure all the fixtures if set in the same SL 1 or SL 2

6、 No response to the sound, please check as below:

A. Make sure to the fixture "Soun" MENU if set in "on".

B. Check microphone to see if it is good by tapping the microphone.

After trying the above solution you still have a problem, please connect your dealer or our company for service.

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, smoky 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.

Caution

There are no user serviceable arts inside the fixture. Do not open the housing or attempt any repairs yourself. In the unlikely situation, your unit may require service, please contact your nearest dealer.