Moving Head Light

（80W White LED）

User manual

Please read this user manual before using this product

Ⅰ. Checking before using

No.	Item	Qu	Unit
1	80W moving head light	1	piece
2	Bracket（installed fast lock *4）	2	pieces
3	0.75²1.5m power cable with audio plug	1	piece
4	User manual	1	piece
5	Hook (Available in model)		
6	Safety wire	optional	
7	DMX cable		

★For security reasons and in accordance with the terms, reassemble or modify the product is not allowed without permission. Please note that due to human damage caused by improper use of the product, it will break the warranty qualification. Moreover, the unprofessional operation may lead to short circuits, burns or electric shock, and so on.

★This device has been full inspection before shipping. For your safety, please operate it according the User Manual.
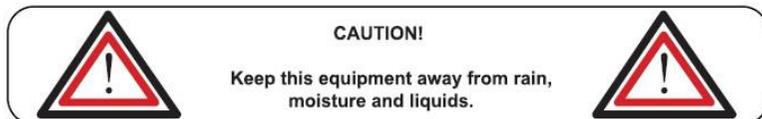
★If any damage caused by improper operation will result in the termination of the warranty claims. The manufacturer does not accept any responsibility of property damage due to improper operation or personal injury due to non-compliance with the operating instructions.

★Keep the manual in a safe place for future reference as well as after the product sale, lease, etc..

★Note: Based on product improvements,specification may change without notice. Changes in product specifications related rights will be reserved.

★**Note: This machine is mechanically positioned. It is normal to have some slight noise when starting or resetting.**

Ⅱ. Safety Instruction

CAUTION!
Keep this equipment away from rain, moisture and liquids.

1. When opening the packing, take all accessories out, and remove the light to a

IX. Product maintenance and cleaning

Please note the following points when testing this product:

★All the screws and parts for installing must be tightly connected and cannot be rusted;

★Housings, lenses, fixtures and mounting locations (e.g ceilings, hangers, trusses, etc.) must not be deformed;

★The power cable must not be damaged.The installation and use must be operated by trained professional technicians and it must ensure that safety hazards are eliminated.

The installation and use of the product must be carried out by trained professional technicians, and it must be ensured that safety hazards are eliminated.

Note: Please unplug the power cable before doing product maintenance!

It is very important to keep machine clean and dry. Before unlock the machine or start maintenance,you should keep the machine power off and unplug. Keep cleaning regularly can make the light have max brightness and also can extend its use time. We suggest to use good glass cleaner and clean it with a soft cloth. Can not use alcohol or chemical solvents under any circumstances. The interior of the machine and the fan should be cleaned at least once every season by using a vacuum cleaner.

horizontal table for good operation. First check whether the accessories are complete, then check carefully whether the whole light has no damage. If there is any damage, please contact us as soon as possible.

2. AC Power: Check whether the local power supply is accordance with the requirements of the product rated voltage.

3. The product is only suitable for indoor working environment. The light should keep dry, keep away from wet, overheat or dusty environment. Don't come into contact with water and other liquids to prevent or reduce the risk of electric shock or fire.

4. Please do not install the light directly on the surface of the combustible

5. The people who install, operate and maintain of light professional certificate required.

6. When there are faults of the light, please stop using the light immediately. Don't try to repair, please contact the nearest authorized technical assistance center, if the parts damage, always use the same type of parts replaced.

7. Don't touch any electrical wiring in the process of operation to prevent the risk of electric shock.

8. To make sure the light working environment temperature, the highest do not exceed 40℃, the lowest do not exceed - 20 ℃.

9. Under the stable cooling working situation, the highest temperature of the housing of the light can reach 80 ℃, please do not touch.

10. The light is design according to the type of electric shock protection. The light should be use in good connection grounding power system and the earth sign port of the light should be connected to the installing fixtures.

11. Do not use the damage of the insulating layer wire and also do not use the power cord overlap on the other wire. When not in use or clean the light, please disconnect the power, don't pull the plug in hard or just drag the wires.

12. There are no components inside for maintenance. Before start operation the light, please check whether all of the shell is installed. In the case of the shell open used the light is prohibited.
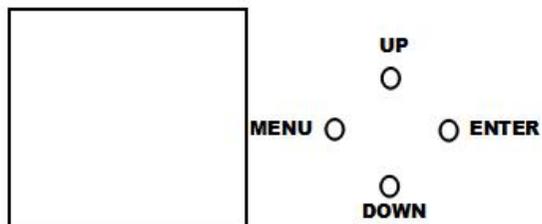
Note: Before performing any installation, repair and cleaning of the lamp, please confirm that the power cable has been cut off.

CAUTION! TAKE CARE USING THIS EQUIPMENT!
HIGH VOLTAGE-RISK OF ELECTRIC SHOCK!!

Ⅲ.Display menu

Item	Silkscreen	Function
Button:	MENU	Enter/check menu
	UP	Check the last menu
	DOWN	Check the next menu
	ENTER	Enter the menu or confirm

IV. Product specification

Category	Parameter			
Voltage	AC100～240V，50/60HZ			
Power consumption	200W			
LED source	80W White LED			
Channel	15CH/17CH			
Illuminance（1m）	Distant	Lumen		Unit
	1m	199700		Lux
	3m	125300		
	5m	58400		
	8m	21400		
	10m	14830		
Beam angle	2°			
X rotation angle	540°			
Y rotation angle	240°			
Display	2.4 inch TFT			
Fuse	F5AL250V			
Size	28.55*19*46.65cm			
N.W	12KG			
Control mode	☑DMX ☑ master/slave ☑ sound control ☑ auto run			

［**Sheet 2**］DMX Channel（17CH）

CH	Function	Value			Description
1	LED dimming	000	-	255	LED linear dimming, 0-100%
2	LED on/strobe	000	-	007	LED on
		008	-	015	LED off
		016	-	131	Strobe，slow to fast
		132	-	139	LED on
		140	-	181	Fast on slow off, slow to fast
		182	-	189	LED on
		190	-	231	Fast off slow on, slow to fast
		232	-	239	LED on
		240	-	247	Lightning strobe
		248	-	255	LED on
3	Horizontal position	000	-	255	540°horizontal movement
4	Horizontal fine-tuning	000	-	255	Horizontal fine-tuning fretting
5	Vertical position	000	-	255	240° vertical movement
6	Vertical fine-tuning	000	-	255	Vertical fine-tuning fretting
7	Moving speed	000	-	255	Horizontal/vertical speed, fast to slow
8	Color wheel	000	-	255	Color
9	Gobo wheel	000	-	255	Gobo
10	Zoom	000	-	255	Zoom
11	Atomization	000	-	255	Atomizing mirror
12	8 prism	000	-	255	8 prism
13	8 prism rotation	000	-	255	Prism counterclockwise / clockwise rotation
14	16 prism	000	-	255	16 prism
15	16 prism rotation	000	-	255	Prism counterclockwise / clockwise rotation
16	Color prism	000	-	255	Prism additional color
17	Reset	000	-	199	No function
		200	-	209	Horizontal/vertical reset
		210	-	219	No function
		220	-	229	Small motor reset in head
		230	-	239	No function
		240	-	249	Whole machine reset
		250	-	255	No function

VIII. Channel (choose `A001` default address code)

[Sheet 1] DMX Channel (15CH)

Channe	Function	Value			Description
1	LED Dimming	000	-	255	LED linear dimming, 0-100%
2	LED on/strobe	000	-	007	LED on
		008	-	015	LED off
		016	-	131	Strobe, slow to fast
		132	-	139	LED on
		140	-	181	Fast on slow off, slow to fast
		182	-	189	LED on
		190	-	231	Fast off slow on, slow to fast
		232	-	239	LED on
		240	-	247	Lightning strobe
		248	-	255	LED on
3	Horizontal position	000	-	255	540°Horizontal movement
4	Vertical position	000	-	255	240°Vertical movement
5	Moving speed	000	-	255	Horizontal/vertical speed, fast to slow
6	Color wheel	000	-	255	Color
7	Gobo wheel	000	-	255	Gobo
8	Zoom	000	-	255	Zoom
9	Atomization	000	-	255	Atomizing mirror
10	8 prism	000	-	255	8 prism
11	8 prism rotation	000	-	255	Prism counterclockwise / clockwise rotation
12	16 prism	000	-	255	16 prism
13	16 prism rotation	000	-	255	Prism counterclockwise / clockwise rotation
14	Color prism	000	-	255	Prism additional color
15	Reset	000	-	199	No function
		200	-	209	Horizontal/vertical reset
		210	-	219	No function
		220	-	229	Small motor reset on head
		230	-	239	No function
		240	-	249	Whole machine reset
		250	-	255	No function

V. Display Main Function

➢ **Setting(System Settings)**

Optional	Description		
DMX Address	001-512		DMX512 choosing
DMX Mode	CH-15		15CH
	CH-17		17CH
AUTO Mode	Show Mode	Auto	Auto mode
	Sound Mode	ON	Sound control on
		OFF	Sound control off
	Sound Sense	0--99	Voice sensitivity adjustment
Menu Mode	Dimmer	000-255	Dimming
	Shutter	000-255	Strobe
	Pan	000-255	Horizontal
	Tilt	000-255	Vertical
	Color	000-255	Color wheel
	Gobo	000-255	Gobo wheel
	Focus	000-255	Zoom
	Frost	000-255	Atomizing mirror
	Prism	000-255	8 prism wheel
	R-Prism	000-255	8 prism wheel rotation
	Prism2	000-255	16 prism wheel
	R-Prism2	000-255	16 prism wheel rotation
	Rainbow	000-255	7 colors wheel
Slave Mode	Master		Master mode
	Slave		Slave mode
Advanced Settings	Reset	No	Reset：NO
		Yes	Reset：Yes
	Pan Invert	No	Horizontal reversal: no
		Yes	Horizontal reverse: yes
	Tilt Invert	No	Vertical reverse: no
		Yes	Vertical reverse: yes
	Display	Off	Display off
		On	Display on

Advanced Settings	Display Invert	No	LCD reverse display: no
		Yes	LCD reverse display: yes
	Language	English	Language selection: English
		Chinese	Language selection: Chinese
	DMX Fall	Auto	No signal status: auto run
		Black	No signal state: black field
		Hold	No signal state: hold
	Software	V1.1	Version

VI. How to operation

Here are two ways to operate：

　　★Master/slave build-in program to control

　The Master can select "AUTO Mode" or sound control mode to turn on, and the Slave mode selects Slave. In addition, the program can automatically default the main and auxiliary machines, and the DMX signal line can be connected to operate.
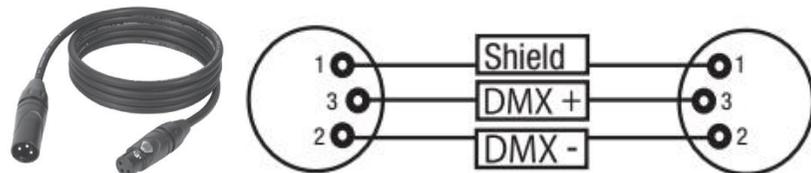
　　★DMX controller

　There are detailed instructions below:

VII. DMX Controller

　If controlled by DMX controller, you need to set the DMX address code to control the light, the address code value is between 1-512, then the light will receive the signal accordingly.

　Press MENU button, select "**DMX Address**"menu, press **ENTER** button, address will strobe. Use UP/DOWN to select **DMX512** address, our factory value set as "DMX **001**". After setting DMX address, press **ENTER** button.

　Connect the DMX512 console output port to the first slave device **DMX** input, and connect the first slave device DMX output signal to the second slave device DMX input signal, until all slave connections are complete.

DMX512
DMX-Controlle

DMX-512 Connection required terminal device (Loop connection)

　In the installation process, if the distance of the signal line between each other is far, or in the noisy environment, such as KTV or Dancing Hall, the DMX terminal (loop connection) is recommended.This can avoid the turbidity of digital control signals caused by electrical noise. The DMX terminal is made up of a simple **XLR** connection head (2-pin and 3-pin) connecting to a **120Ω** resistor. Please insert the terminal into the XLR output port of the last product, please refer to the below figure