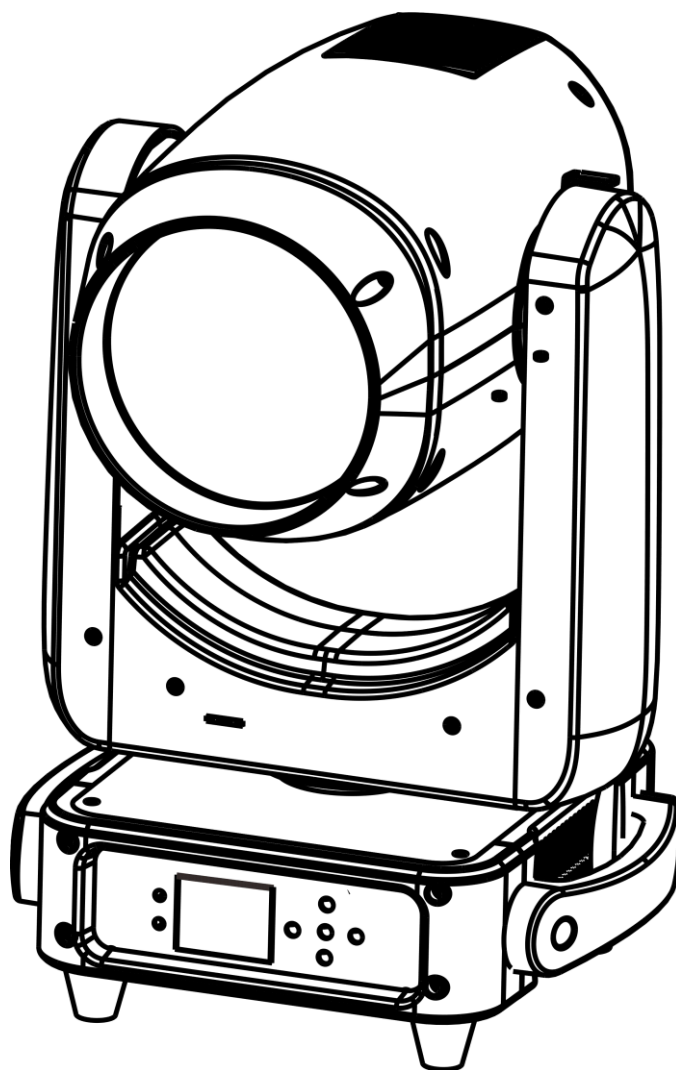# 380W BEAM MOVING HEAD

USER MANUAL

Please read and keep this manual carefully for further use!

Thank you for buying our professional Beam moving head.

This user manual includes important information for installation and operation, so please read this user manual carefully before installation and operation, and keep this user manual well for further use.

In order to install , operate, and maintain the lighting safety and correctly. We suggest that the installation and operation should be done by the verified technician and follow the instruction strictly.

Spare part includes:

Name	QTY	Unit
Fixture	1	PC
User manual	1	PC
Power cable	1	PC
DMX signal cable	1	PC
Safety rope	1	PC

Please check carefully that there is no damage caused by transportation. Should there be any, consult your local dealer.

Cautions

Before delivery, this device has passed strict inspection, Please follow the user manual strictly for operation, if this fixture is damaged by improper operation and mistake, the fixture will be out of warranty, and manufacture or dealer won't be responsible for it. In case of any technology change in this manual,we won't advise in further .

CAUTION!

Keep this device away from rain and moisture!

Unplug mains lead before opening the housing!

Warning!
Damages caused by the disregard of this user manual are not subject to warranty. The dealer will not accept liability for any resulting defects or problems.


Installation

CAUTION!
Please consider the GB7000.15/EN60598-2-17 and the other respective national norms during The installation. The installation must only be carried out by a qualified person.

► This fixture is not suitable for direct installation on combustible material surface, please keep the fixture surface at least 0.5m from any combustible material.

► If you use the quick lock cam in hanging up the fixture, please make sure the quick lock fasteners turned in the quick lock holes correctly.

►The applicable temperature for the fixture is between -25°C to 45°C. Do not use the lighting under or above this temperature range.

►The truss for hanging the fixture should be able to hold 10 times weight of this fixture and no deformation after 1 hour hang.

►Please don't stand under the fixture when install, uninstall, move or repair the fixture.

►Please ensure the light is connected correctly and invite professional technician to check and confirm the electrical data before installation.

►Please invite professional technician to check the fixture and installation each year.

Rigging：

Clamp

Bracket

Safety rope
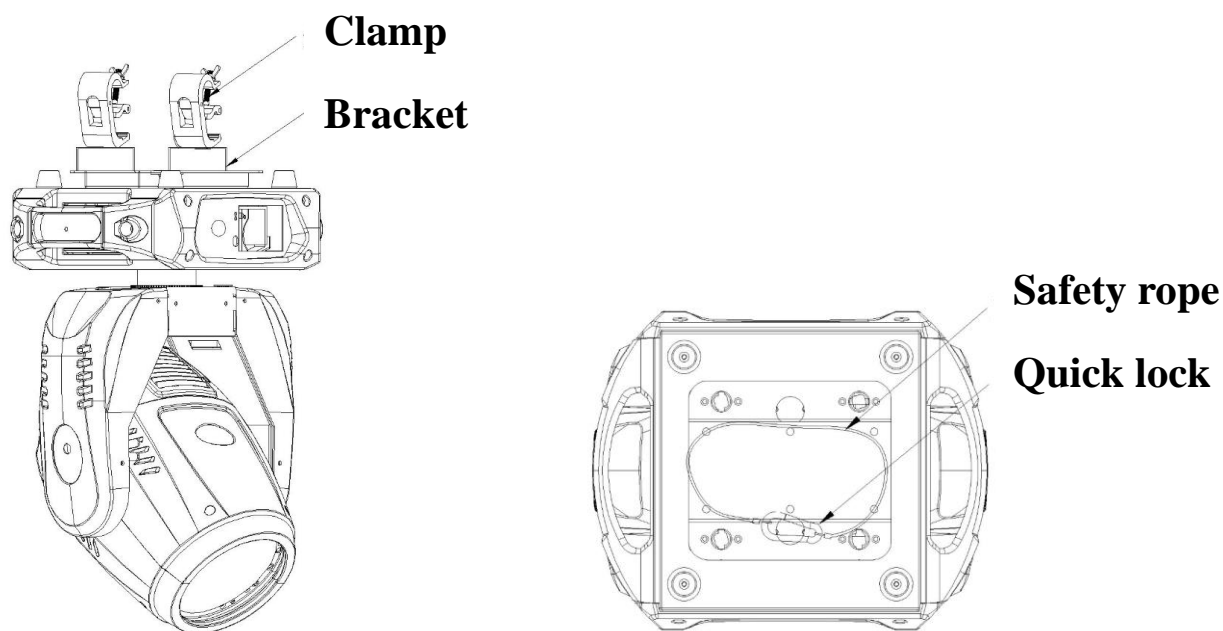
Quick lock

Insert the quick-lock fasteners of the first holder into the respective holes on the bottom of the device.Tighten the quick-lock fasteners fully clockwise.
Fix the clamp on truss or other fixture bracket.
Pull the safety rope through the holes on the bottom of the base and fasten it on the truss or other fixing point.
Note:This step is quite important to ensure that fixture will not drop down for the clamp damage.

Product specification

Voltage：100-240V，50/60HZ；
Power Consumption：500W；
Fuse:8A/250V，∅5*20
DMX Channel: 16CH
Operation mode: master-slave/DMX/Auto
Focus/Zoom: Yes

Fixed gobo: 12 gobos+open+ 5 glass gobos
Strobe: 25Hz
Color: 14 colors+open
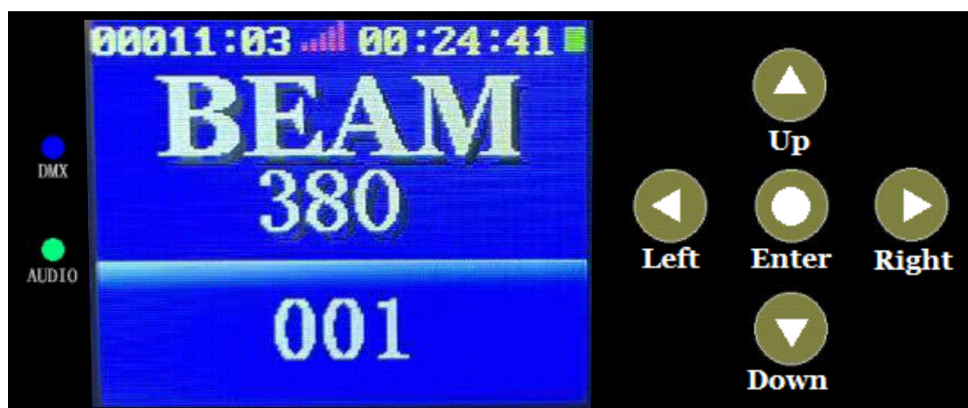Prism 1: 12-facet
Prism 2: 8+16-facet
Pan: 540°
Tilt: 270°
Frost / Six-color effect: Yes
RDM: Yes

Display and operation

DMX	DMX signal indicator
AUDIO	Sound control indicator
Up	menu up selection
Down	menu down selection
Left	Menu left to select/return
Right	Menu right to select
ENTER	Confirm button
time on the left	Total system usage time
time on the right	Total time of this power-on
Vertical signal at the top	Current DMX signal strength Red: No signal / White: Current signal strength
Square icon in the upper right corner	Green: OK, no errors
	Red: There is an error (click the icon or "Information Menu/Error Information/View" to view the error

System Menu description:

反向	Reve	Invert the screen display
退出	Exit	Exit to the main interface
Lang	语言	Choose from Chinese or English
标准设置	Standard	Address code and some common function settings
高级设置	Advanced	Main parameter factory settings
系统信息	Info	Error, software version, etc. information display
手动编程	Program	Manually control the operation, or edit the user program
测试运行	Perform	Automatic operation or Sound-controlled operation of

			built-in programs, user programs
系统复位	Reset		System reset to initial position

Display Setting:

		Default set	Enter	Default set
Standard		Address	001-512	Set address code
		DMX mode	Mode1 Mode2 Mode3 Mode4	Select DMX control mode
		Effect mode	No/Yes	effect wheel automatically finds the shortest distance to rotate and run
		Started lamp	Off/on	Choose to turn the bulb "on" or "off" each time
		Switch lamp	Off/on	Turn on the lamp manually
		No signal	Clear Hold	Keep DMX value or clear DMX channel value when no DMX signal
		UI Color	Green Blue Golden Gray	Choose screen menu color
		Show time	No/Yes	Display the runtime timer on the main screen
		Brightness	000-255	Adjust screen brightness
		Screensaver	Off/on	Turn off the screen when no touch and key operation
		XY encoder	No/Yes	Cancel or use the XY auto-correction function
		X inversion	No/Yes	Select X-axis to run forward or reverse
		Y inversion	No/Yes	Select Y-axis to run forward or reverse
		Focus inversion	No/Yes	Choose to run the focus forward or reverse
		Zoom inversion	No/Yes	Choose to run the Zoom forward or reverse
Advanced		This is the main parameter setting of the fixture and requires permission		
Info		Error List	No error/View	If there are no errors or there are errors, click OK to view the errors
		System ver	Vxxxxxxx	System version information
		Serial NO.	xxxxxxxx	Equipment factory number
		SYS timer	00000.0H	Total system running time (hours)
		Run timer	000:00	Running time after this power-on (hours)
		Lamp timer	00000.0H	The total time of lamp on (hours)
		Equip TEMP	000	The temperature of the main part (requires device support)
		Head TEMP	000	The temperature of the head (requires device support)

CH1		FAN 1 Speed	0000 RPM	fan 1 speed (requires equipment support)
		FAN 2 Speed	0000 RPM	fan 2 speed (requires equipment support)
Perform		Run mode	Auto/Sound	Run selected programs Auto or Sound
		Run speed	255	Set the speed of Auto running
		Run cross	255	Set run cross for Auto or Sound
		Built-in 1	Off/on	built-in test program 1
		Built-in 2	Off/on	built-in test program 2
		User PRO 1	Off/on	User-programmed program 1
		User PRO 2	Off/on	User-programmed program 2
		User PRO 3	Off/on	User-programmed program 3
		User PRO 4	Off/on	User-programmed program 4
		Circle shape	Off/on	(reserve)
		Square shape	Off/on	(reserve)
		Shape range	000	(reserve)
		Sound DB	000	Adjust the sound control sensitivity
Program		This function can program up to 4 user programs, and the 4 programs can be run in series, that is to say, the programmed 4 programs can be switched to ON at the same time in the "User-Pro" function. Go to program 2, go to program 3, then program 4, then loop back to program 1, and so on. Of course, it can also be run as a single option.		
Reset		Reset to initial position		

16 DMX channel:

16CH	Function	Value	Details
CH1	Color wheel	000-004	White
		005 -009	White+Color 1
		010 - 014	Color 1
		015 - 019	Color 1+color 2
		020 - 024	Color 2
		025 - 029	Color 2+color 3
		030 - 034	Color 3
		035 - 039	Color 3+color 4
		040 - 044	Color 4
		045 - 049	Color 4+color 5
		050 - 054	Color 5
		055 - 059	Color 5+color 6

		060 - 064	Color 6
		065 - 069	Color 6+color 7
		070 - 074	Color 7
		075 - 079	Color 7+color 8
		080 - 084	Color 8
		085 - 089	Color 8+color 9
		090 - 094	Color 9
		095 - 099	Color 9+color 10
		100 -104	Color 10
		105 -109	Color 10+color 11
		110 -114	Color 11
		115 -119	Color 11+color 12
		120 -124	Color 12
		125-129	Color 12+color 13
		130 -134	Color 13
		140- 144	Color 14
		145- 149	Color 14+White
		150- 200	Forward flow (from fast to slow)
		201- 255	Reverse flow (from slow to fast)
CH2	Shutter /strobe	000-003	Shutter closed
		004-103	Strobe from slow to fast
		104-107	Open the shutter → (controlled by the dimming channel)
		108-207	Pulse strobe from slow to fast
		208-212	Open
		213-251	Random strobe from slow to fast
		252-255	Open
CH3	dimmer	000-255	dimmer from dark to bright
CH4	gobo wheel	000 - 003	White
		004 - 006	gobo 1
		007 - 009	gobo 2
		010 - 012	gobo 3
		013 - 015	gobo 4
		016 - 018	gobo 5
		019 - 021	gobo 6
		022 - 034	gobo 7
		025 - 027	gobo 8
		028 - 030	gobo 9
		031 - 033	gobo 10
		034 - 036	gobo 11
		037 - 039	gobo 12
		040 - 042	gobo 13
		043 - 045	gobo 14
		046 - 048	gobo 15
		049 - 051	gobo 16
		052 - 055	gobo 17
		056 - 059	White
		060 - 063	gobo 1 shake slow to fast
		064 - 067	gobo 2 shake slow to fast
		068 - 071	gobo 3 shake slow to fast
		072 - 075	gobo 4 shake slow to fast
		076 - 079	gobo 5 shake slow to fast

|		080 - 083	gobo 6 shake slow to fast
		084 - 087	gobo 7 shake slow to fast
		088 - 091	gobo 8 shake slow to fast
		092 - 095	gobo 9 shake slow to fast
		096 - 099	gobo 10 shake slow to fast
		100 - 103	gobo 11 shake slow to fast
		104 - 107	gobo 12 shake slow to fast
		108 - 111	gobo 13 shake slow to fast
		112 - 115	gobo 14 shake slow to fast
		116 - 119	gobo 15 shake slow to fast
		120 - 123	gobo 16 shake slow to fast
		124 - 127	gobo 17 shake slow to fast
		128 - 189	Reverse flow (from fast to slow)
		190 - 193	Stop
		194 - 255	Forward flow (from slow to fast)
CH5	Prism 1	000-31	no prism
		32-255	prism 1
CH6	Prism1 rotation	000-127	prism angle adjustment
		128-190	Reverse rotation (fast to slow)
		191-192	Stop
		193-255	Forward rotation (slow to fast)
CH7	Prism 2	000-31	no prism
		32-255	prism 2
CH8	Prism2 rotation	000-127	prism angle adjustment
		128-190	Reverse rotation (fast to slow)
		191-192	Stop
		193-255	Forward rotation (slow to fast)
CH9	focus	000-255	Pattern clarity from far to near
CH10	pan	000-255	0-540 degree
CH11	pan fine	000-255	0-1.2 degree
CH12	tilt	000-255	0-270 degree
CH13	tilt fine	000-255	0-1.2 degree
CH14	XY speed	000-255	speed fast to slow
CH15	Frost & 6-color effect	000-127	no function
		128-191	Frost
		192-255	6-color effect
CH16	Lamp control & Reset	000-099	no function
		100-105	Lamp off
		106-199	no function
		200-205	Lamp on
		206-249	no function
		250-255	all motors reset

Gobo Wheel

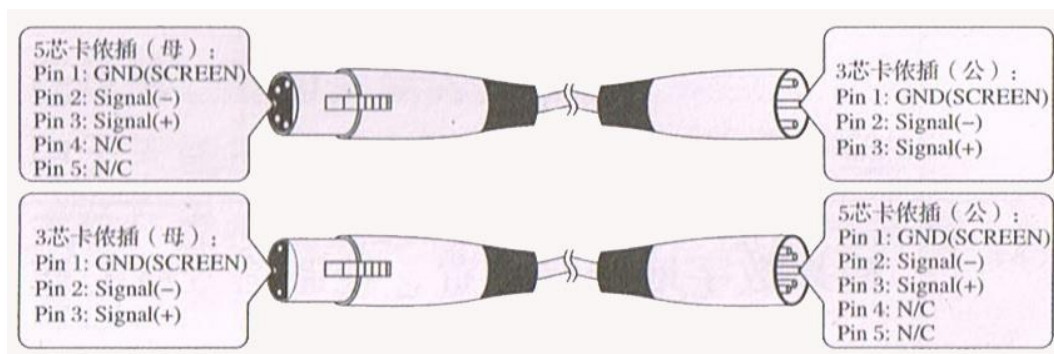Color Wheel:

Frost & 6-color:

Frost
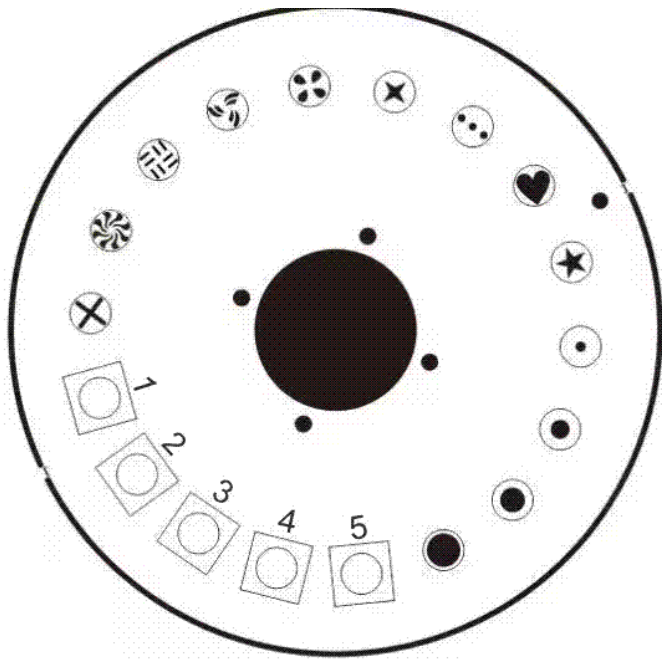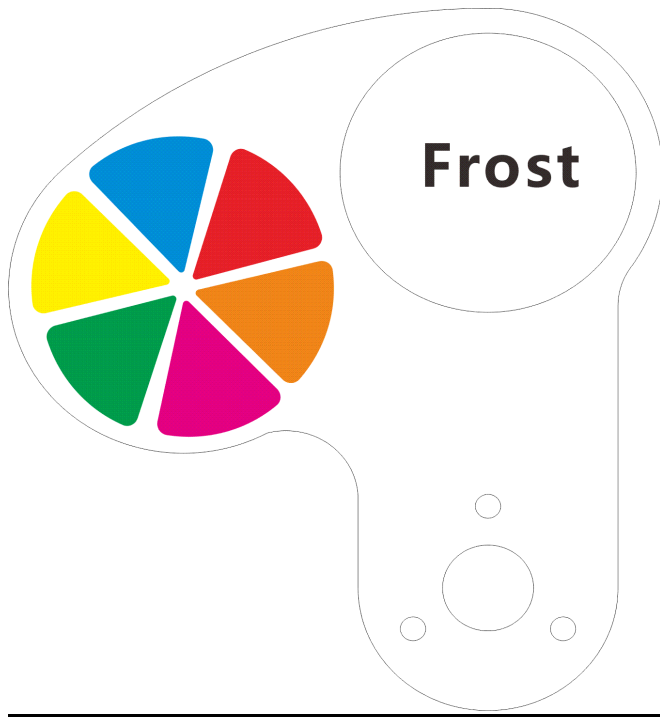
DMX-512 connection

Connect the provided XLR cable to the male 3-pin XLR output of your controller and the other side to the female 3-pin XLR input of the light.then connect the DMX signal to the first fixture to the 2nd fixture, after all fixtures are connected,

The signal cable should be two - core with screened cable with XLR input and output connectors. Please refer to the diagram below
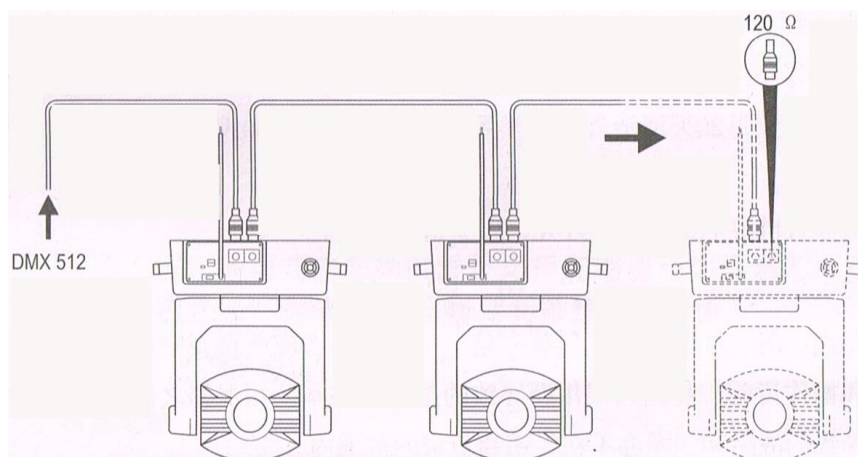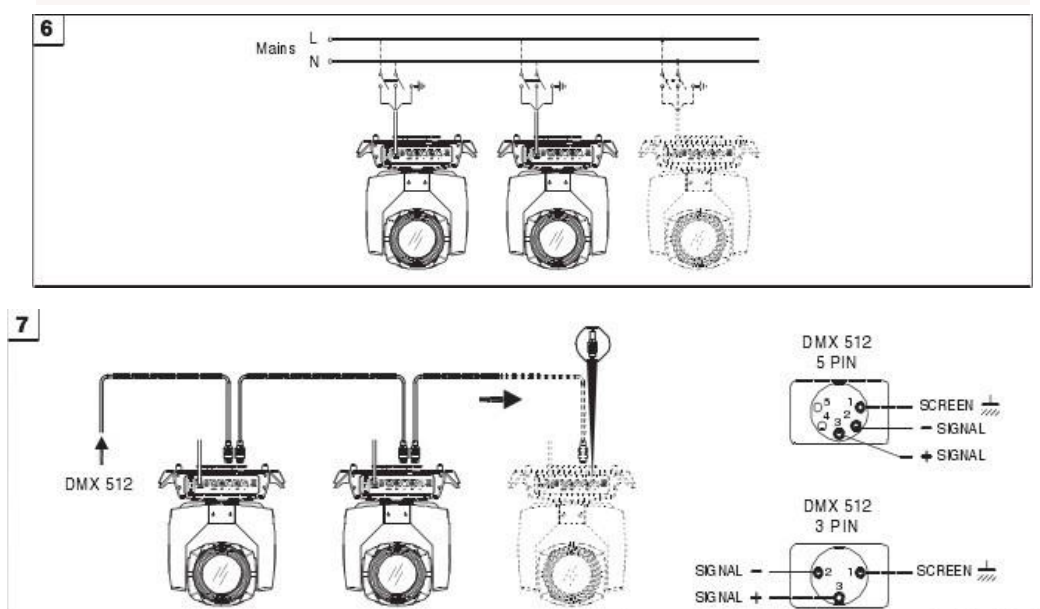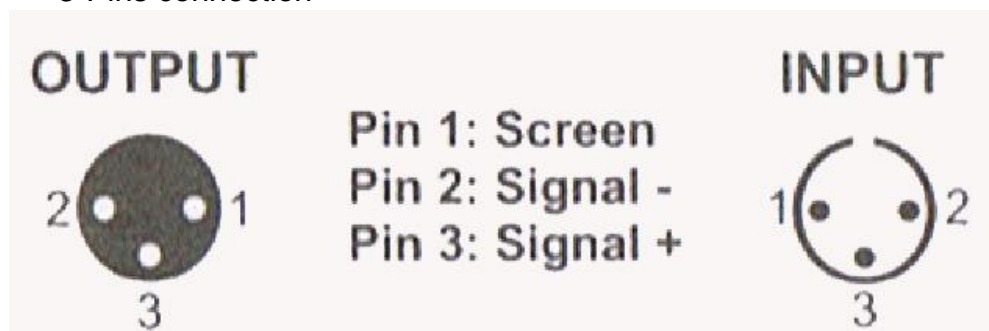

DMX terminator connection

If there are many lines or lights, it is recommended to use a DMX terminator to prevent DMX signal corruption, the DMX terminator is an simple XLR plug with a 120 Ω resistor connected between pins 2 and 3,which is then plugged into the output XLR socket of the last fixture in the chain.

5芯卡侬插（母）：
Pin 1: GND(SCREEN)
Pin 2: Signal(−)
Pin 3: Signal(+)
Pin 4: N/C
Pin 5: N/C

3芯卡侬插（公）：
Pin 1: GND(SCREEN)
Pin 2: Signal(−)
Pin 3: Signal(+)

3芯卡侬插（母）：
Pin 1: GND(SCREEN)
Pin 2: Signal(−)
Pin 3: Signal(+)

5芯卡侬插（公）：
Pin 1: GND(SCREEN)
Pin 2: Signal(−)
Pin 3: Signal(+)
Pin 4: N/C
Pin 5: N/C

3-Pins connection

OUTPUT   INPUT

Pin 1: Screen
Pin 2: Signal -
Pin 3: Signal +

Cleaning and maintenance

Cleaning should be performed every 15-day period, by using a sponge which is dipped with alcohol, rather than wet cloth or other chemical liquid, to clean the mirror.

CAUTION
Cut off power before cleaning and maintenance!

Attention

Do not see directly light source when open the light, and make sure power off before do any installation or maintenance.

CAUTION!
Never look directly into the light source,
as sensitive persons may suffer an epileptic shock.

CAUTION

Wires connection must be done professional person!

Cautions

Before delivery, this device has passed strict inspection, Please follow the user manual strictly for operation, if this fixture is damaged by improper operation and mistake, the fixture will be out of warranty, and manufacture or dealer won't be responsible for it. In case of any technology change in this manual,we won't advise in further .

Common issues instruction

Issues	Solve instruction
No power	Check power's voltage
When power in, output light but the device cannot accept control signal	Check address setting and the control DMX cable connection well or not
The effect have light shadow	Check electronic focus DMX channel value, if it's suitable distance
Light beam dim	The lamp maybe arrived end of using life, should change new lamp, and also check light source cleaning or not

Note: the maintenance should be done by the verified technician.

Warranty Card

This product is made of high-brightness transistor. We will provide 1 year warranty under the condition that user has operated the light normally and lifetime service. We won't provide warranty if the damage is caused by artificial or force majeure event. Cost of fittings should be charged by user if product need maintenance after 1 year .Please cut this warranty card and shipped it along with the product to our factory when applying for warranty.

Product： **Purchasing date：** **Code of invoice：**	
Warranty date: From	**To**
User's name：	**Add：**
Company：	**Tel：**