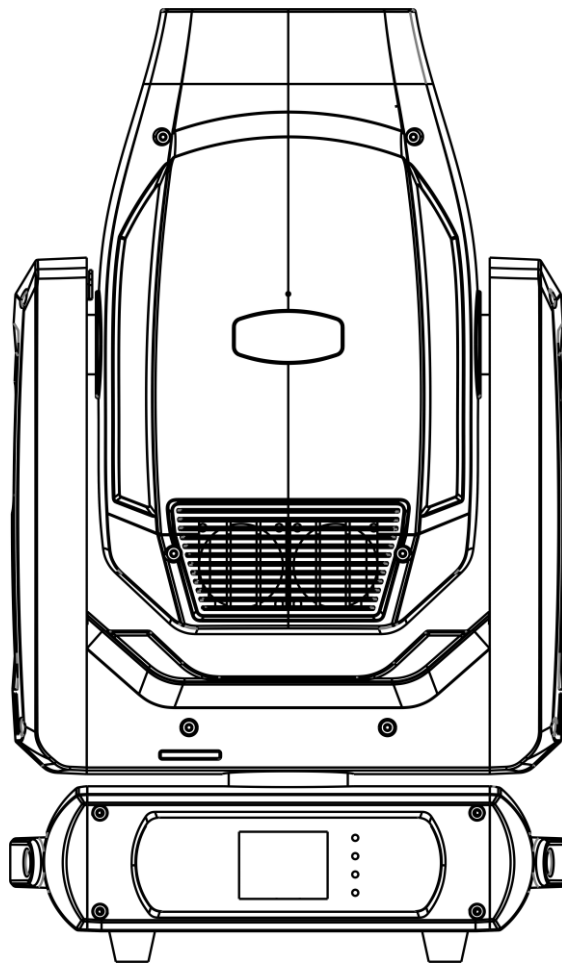


LED MOVING HEAD

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
Bracket	2	PCS
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

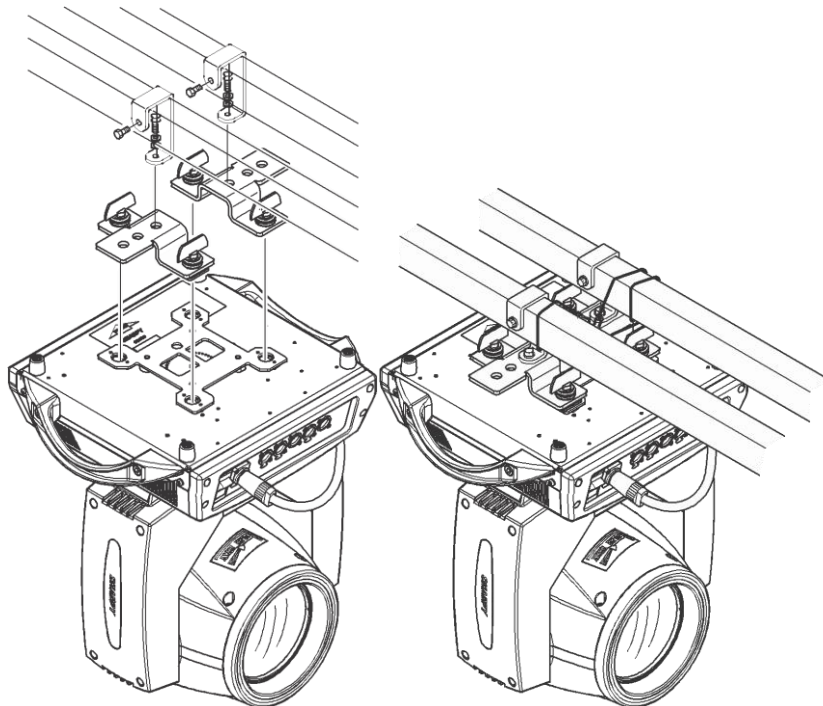


CAUTION!

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:



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;

Lamp: 400W White LED

DMX Channel: 24CH

Operation mode: master-slave/DMX/Auto/RDM

Electronic strobe: 25Hz

Dimming: 0-100% linear dimming

Fixed gobo: 11 gobos+open

Rotation gobo: 8 gobos+open

Color: 9 colors+open+CTO+CTB

Prism 1: 8-facet

Prism 2: 3-facet

Pan: 540°

Tilt: 270°

Frost: Yes

Focus: Yes

Zoom: Yes

CMY: Yes

Display: LED LCD touch screen

Display and operation



Panel:

DMX	DMX signal indicator
AUDIO	Indicator light when voice activation is triggered
Up	menu up selection
Down	menu down selection
Left	Menu select left/back
Right	Menu select right
ENTER	confirmation button
Time on the left in the upper right corner of the screen	Total system usage time (display can be turned off in standard settings)
Time at the top right corner of the screen	The total time of this power-on (the display can be turned off in the standard setting)
Dot in the upper right corner of the screen	Green: OK, no errors
	Red: There is an error (click "Information Menu/Error Information/View" to view the error)

System Menu description:

反向	Reverse	Invert the screen display
退出	Exit	Exit to the main interface
Language	语言	Simplified Chinese or English can be selected
标准设置	Standard	Address code and some common function settings
高级设置	Advanced	The main debugging parameter settings at the factory
系统信息	Info	Information display of errors, software versions, etc.
手动编程	Program	Manually control the operation, or edit the user program
测试运行	Perform	Auto-run or voice-activated built-in program, user program
系统复位	Reset	System reset to initial position

System Menu tree description:

Standard	Default set	Enter?	Restore factory default parameters
	Address	001-512	Set light address code
	DMX mode	Mode1 Mode2 Mode3 Mode4	Select DMX control mode
	Effect mode	No/Yes	effect disc automatically finds the shortest distance to rotate
	Started lamp	Off/on	Choose whether the bulb is "on" or "off" every time you start it
	Switch lamp	Off/on	Turn on the light bulb manually

	No signal	Clear Hold	Keep DMX value or clear DMX channel value when there is no DMX signal
	UI Color	Green Blue Golden Gray	Choose an on-screen menu color
	Show time	No/Yes	Show runtime timer on main screen
	Brightness	000-255	Adjust screen brightness
	Screensaver	Off/on	Turn off the screen when there is no touch and key operation
	XY encoder	No/Yes	Cancel or use XY automatic error correction function
	X inversion	No/Yes	Select the X axis to run forward or backward
	Y inversion	No/Yes	Select the Y axis to run forward or backward
	Focus inversion	No/Yes	Select the focus axis to run forward or backward
	Zoom inversion	No/Yes	Choose to run the magnification axis in forward or reverse direction
Advanced	This setting is the main parameter setting of the light, and permission is required		
Info	Error List	No error/View	If there is no error or an error, click OK to view the error
	System ver	Vxxxxxxx	System version information
	Serial NO.	xxxxxxx	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	Total light bulb lighting time (hours)
	Equip TEMP	000	The temperature of the main parts of the device (requires device support)
	Head TEMP	000	The temperature of the light head of the device (requires device support)
perform	Run mode	Auto/Sound	Run selected programs automatically or by voice
	Run speed	255	Set the speed of the automatic running program
	Run cross	255	Set slides to run automatically or with voice control (requires device support)
	Built-in 1	Off/on	Device Built-in Test Procedures 1
	Built-in 2	Off/on	Device Built-in Test Procedures 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 voice control sensitivity
Program			
Reset	System reset to initial position		

24 DMX channel

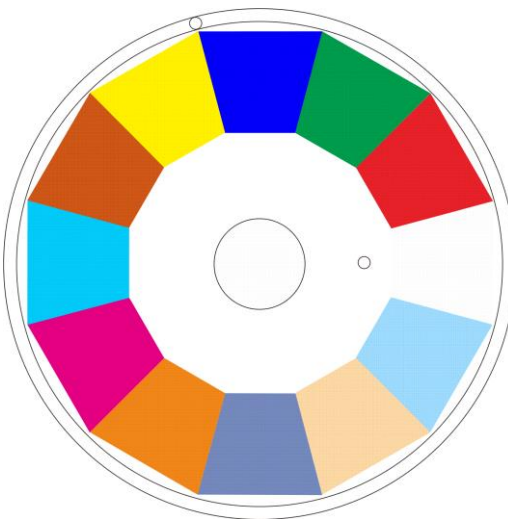
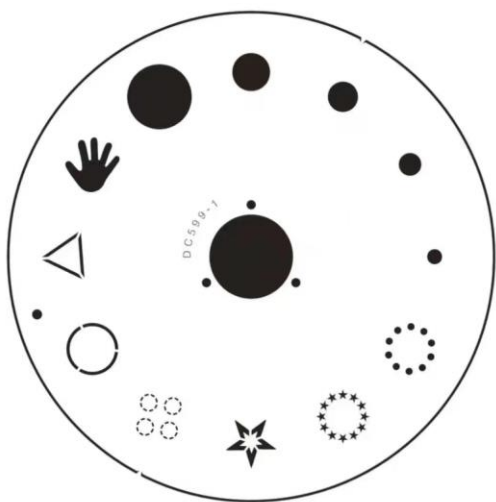
24CH	Function	Value	Description
CH1	Pan	0-255	0-540°
CH2	Pan fine	0-255	0-2°
CH3	Tilt	0-255	0-270°
CH4	Tilt fine	0-255	0-1°
CH5	Pan/Tilt Speed	0-255	Speed fast to slow
CH6	Dimming	0-255	0-100% dimming
CH7	Strobe	0-3	off
		4-127	Strobe from slow to fast
		128-131	on
		132-251	Random Strobe from slow to fast
		252-255	on
CH8	Color	0-4	White
		5-9	Red 1
		10-14	Green 2
		15-19	Blue 3
		20-24	Yellow 4
		25-29	Orange red 5
		30-34	Blue green 6
		35-39	Rose 7
		40-44	Orange 8
		45-49	Light blue purple 9
		50-54	CTO 10
		55-59	CTB11
		60-64	White + Red
		65-69	Red+ Green
		70-74	Green + Blue
		75-79	Blue + Yellow
		80-84	Yellow + Rose
		85-89	Rose + Blue green
		90-94	Blue green+ Rose
		95-99	Rose+ Orange
		100-104	Orange+ Light blue purple
		105-109	Light blue purple+ CTO
		110-114	CTO+CTB
		115-119	CTB+White
		120-185	Forward flow from fast to slow
		186-189	Stop
		190-255	Reverse flow from slow to fast
CH9	CMY1	0-255	CMY Blue

CH10	CMY2	0-255	CMY Red
CH11	CMY3	0-255	CMY Yellow
CH12	Fixed gobo	0-5	White
		6-11	Gobo 1
		12-17	Gobo 2
		18-23	Gobo 3
		24-29	Gobo 4
		30-35	Gobo 5
		36-41	Gobo 6
		42-47	Gobo 7
		48-53	Gobo 8
		54-59	Gobo 9
		60-65	Gobo 10
		66-71	White 11
		72-77	Gobo 1 shake from slow to fast
		78-83	Gobo 2 shake from slow to fast
		84-89	Gobo 3 shake from slow to fast
		90-95	Gobo 4 shake from slow to fast
		96-101	Gobo 5 shake from slow to fast
		102-107	Gobo 6 shake from slow to fast
		108-113	Gobo 7 shake from slow to fast
		114-119	Gobo 8 shake from slow to fast
		120-125	Gobo 9 shake from slow to fast
		126-131	Gobo 10 shake from slow to fast
		132-136	Gobo 11 shake from slow to fast
		137-190	Reverse flow from fast to slow
		191-192	Stop
		193-255	Forward flow from slow to fast
CH13	Glass gobo	0-6	White
		7-13	Gobo 1
		14-20	Gobo 2
		21-27	Gobo 3
		28-34	Gobo 4
		35-41	Gobo 5
		42-48	Gobo 6
		49-55	Gobo 7
		56-62	Gobo 8
		63-69	Gobo 1 shake from slow to fast
		70-76	Gobo 2 shake from slow to fast
		77-83	Gobo 3 shake from slow to fast
		84-90	Gobo 4 shake from slow to fast
		91-97	Gobo 5 shake from slow to fast
		98-104	Gobo 6 shake from slow to fast
		105-111	Gobo 7 shake from slow to fast
		112-118	Gobo 8 shake from slow to fast
		119-184	Forward flow from fast to slow
		185-255	Reverse flow from slow to fast

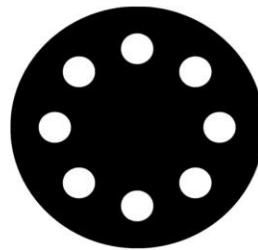
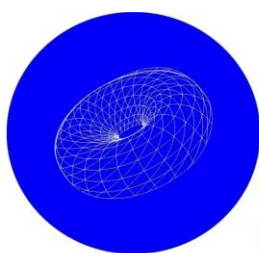
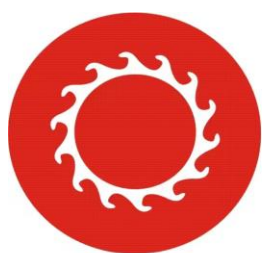
CH14	Gobo rotation	0-127	0-360°
		128-190	Reverse flow from fast to slow
		191-192	Stop
		193-255	Forward flow from slow to fast
CH15	Prism 1	0-127	no prism
		128-255	prism 1
CH16	Prism 1 rotation	0-127	0-400°
		128-187	Forward flow from fast to slow
		188-195	Stop
		196-255	Reverse flow from slow to fast
CH17	Prism 2	0-127	no prism
		128-255	prism 2
CH18	Prism 2 rotation	0-127	0-400°
		128-187	Forward flow from fast to slow
		188-195	Stop
		196-255	Reverse flow from slow to fast
CH19	Frost	0-127	No effect
		128-255	Frost
CH20	Zoom	0-255	Small to large
CH21	Focus	0-255	far to near
CH22	Focus fine	0-255	
CH23	Auto	0-49	No effect
		50-99	Pan auto
		100-149	Tilt auto
		150-199	Pan/Tilt auto
		200-255	No effect
CH24	Reset	0-209	No effect
		210-215	Pan/Tilt reset after 6s
		220-235	Effect motor reset after 6s
		240-255	All reset after 6s

Gobo wheel

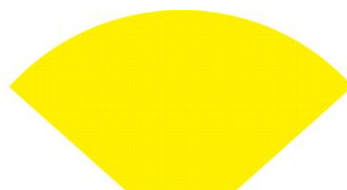
Color wheel



Glass gobo



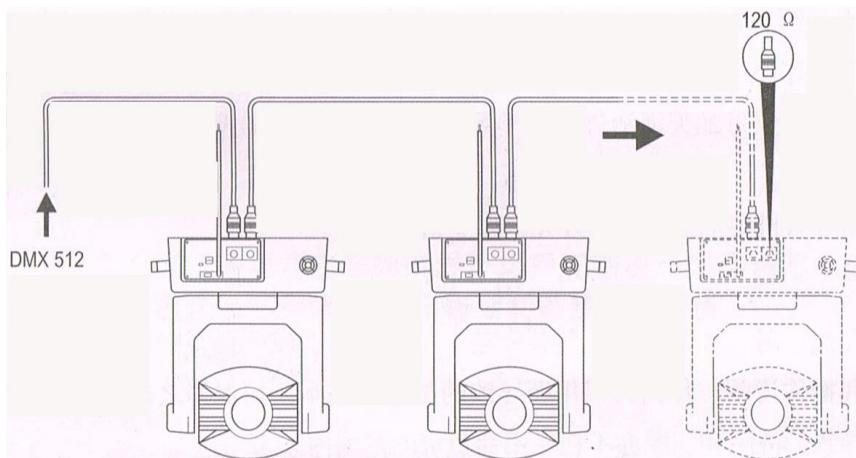
CMY



DMX-512 connection

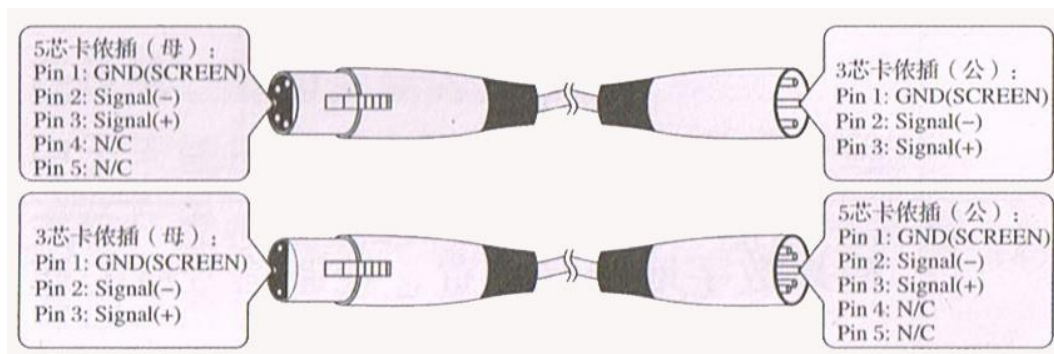
Connect the provided XLR cable to the male 3-pin XLR output of your controller and the other side to the female 3-pin XLR input of the light. then connect the DMX signal to the first fixture to the 2nd fixture, after all fixtures are connected,

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



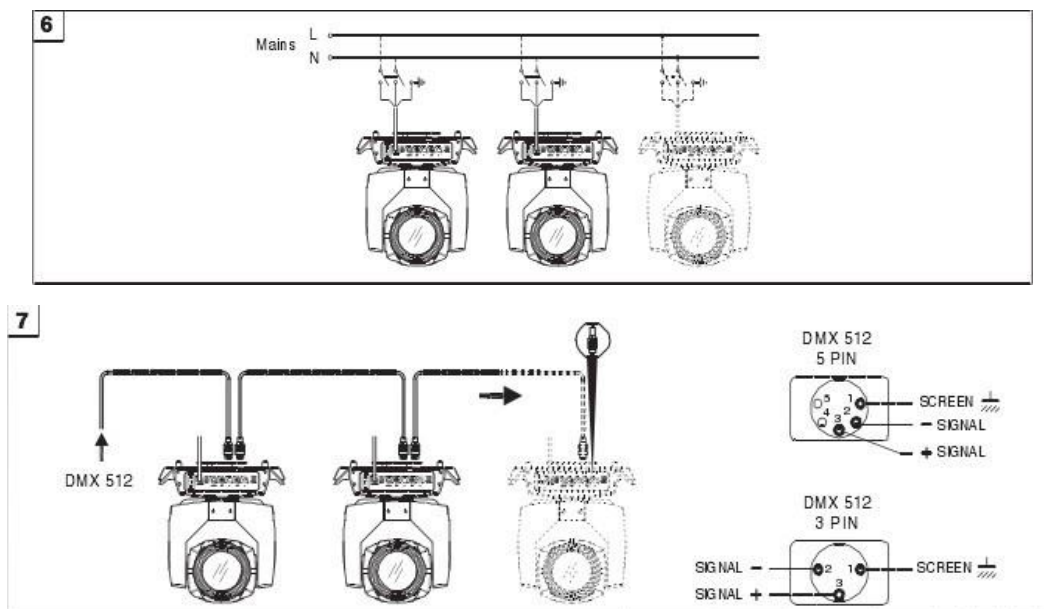
DMX terminator connection

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.



3-Pins connection





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: