100W 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	1	PCS
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 .

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CAUTION!

Keep this device away from rain and moisture!

Unplug mains lead before opening the housing!

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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.

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Installation

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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.

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► 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：100W；
Lamp: LED
DMX Channel: 9/13CH
Control mode: DMX512/Master-slave/Auto/Sound
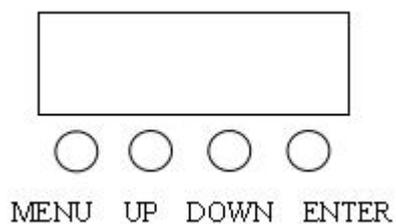Pan：630°；
Tilt：200°；
electronic focus,with RDM
Electrical dimming：0%~100%；
Beam angle：2º;
Strobe:1-23HZ
Display：LED display

Display and operation

MENU UP DOWN ENTER

MENU	Select function
UP	Parameters increment
DOWN	Decreasing parameters
ENTER	Confirm and save

Display Setting:

Addr	1-512	DMX address
Chnd	13ch	13CH mode
	9ch	9CH mode
Slnd	Sl01	Slave mode
	Auto	Auto mode
	Sound	Sound control
Shnd	Sh 0	Show 1
	Sh 1	Show 2
	Sh 2	Show 3
	Sh 3	Show 4
Sens	10-100	Sound sensitivity
Led	OFF	Screen saver off
	ON	Screen saver on
Disp	OFF	Screen reverse off
	ON	Screen reverse on
rPan	OFF	Pan reverse off
	ON	Pan reverse on
rtiL	OFF	Tilt reverse off
	ON	Tilt reverse on
Rest	YES	Reset
tenp	xxx	Temperature detection

9/13 DMX channel Table

13CH	9CH	Function	Value	Description
1	1	Dimming	0-255	Total dimming
2	2	Strobe	0-10	No strobe
			11-255	Strobe from slow to fast
3	3	Pan	0-255	Pan
4		Pan fine	0-255	Pan fine
5	4	Tilt	0-255	Tilt
6		Tilt fine	0-255	Tilt fine
7	5	Pan/Tilt speed	0-255	Speed from slow to fast
8	6	Color	0-9	White
			10-19	Color 1
			20-29	Color 2
			30-39	Color 3
			40-49	Color 4
			50-59	Color 5
			60-69	Color 6
			70-79	Color 7
			80-149	Half-color
			150-255	Color flowing forward
9	7	Gobo	0-9	White
			10-19	Gobo 1
			20-29	Gobo 2
			30-39	Gobo 3
			40-49	Gobo 4
			50-59	Gobo 5
			60-69	Gobo 6
			70-79	Gobo 7
			80-89	Gobo 8
			90-99	Gobo 9
			80-149	Gobo shake
			150-255	Gobo flowing forward
10	8	Prism	0-127	Prism Off
			128-156	Prism On

			157-255	Prism rotation
11		Auto	0-29	No effect
			30-59	Auto 1
			60-89	Auto 2
			90-119	Auto 3
			120-149	Auto 4
			150-179	Sound 1
			180-209	Sound 2
			210-239	Sound 3
			240-255	Sound 4
12		Auto speed	0-255	Speed from slow to fast
13	9	Reset	0-249	No effect
			250-255	Reset after 3 seconds

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
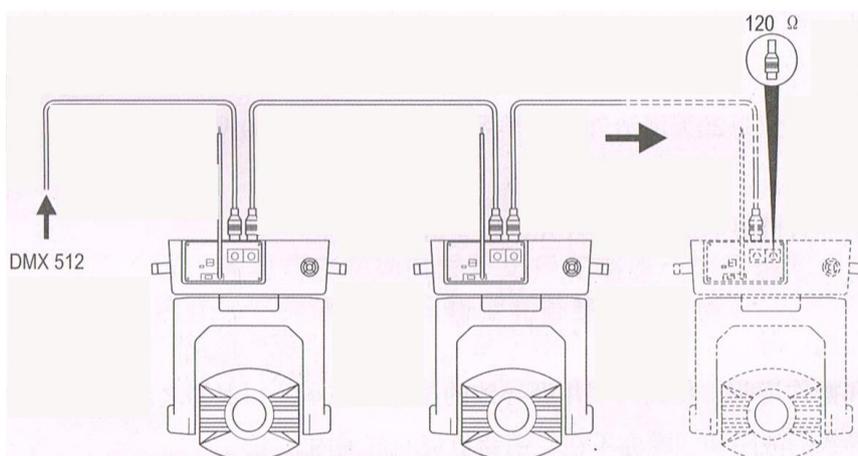
DMX terminator connection

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

OUTPUT

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

INPUT

DMX Address setting

Each fixture must set a specific starting address. When receiving signal transmission, fixture will receive channel control signals which from the starting address.

According to different requirements or easy to use, the user can set many value fixtures to the same address, also can set up a separate address for every device.

If you set the same address,all the devices will receive from DMX channels signal. All connecting fixtures are jointly controlled, controller can't separate control a device.

If you set a different address, each device will be separate from its particular set the starting address and begin accepting DMX512 control signal, so that more convenient separate control one device. Using this method must be based on channel quantity of device to determine a starting address.

This light has 13 channels.you should set the starting address of the first unit to 1, the second unit to 14(1 + 14), the third unit to 27 (14+ 13), and so on.

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

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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, does suitable distance
Power down	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：