700w Profile

Led Moving Head Light

User's Manual

1.Precautions and Installation

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1.1 Statement

Thank you for choosing our company's products! This product is shipped with intact performance and complete packaging. In order for you to use this product safely and effectively, please read this instruction manual carefully and completely before you use this product. This manual contains important information for installation and use. Please follow the instructions for installation and operation, and keep this manual in a safe place so that you can use it at any time. Our company disclaims all liability for damage to the luminaire or other performance due to personal failure to follow the instructions during installation, use, or maintenance.

This manual is subject to technical changes without notice.

1.2 Maintenance

Please disconnect the power supply before maintenance.

The luminaire should be kept dry and avoid working in a humid environment.

Intermittent use will effectively extend the life of this luminaire.

In order to get good ventilation and lighting effect, pay attention to clean the fan and fan net and the lens frequently.

Please do not use organic solvents such as alcohol to wipe the housing of the luminaire, so as not to cause damage.

1.3 Product Caution

This luminaire is for professional use only.

Ensure that the power supply voltage matches the required power supply voltage of the equipment before running.

Do not place the product in places that are easy to loosen or vibrate.

During use, if the lamp appears abnormal should stop using the lamp in time.

To ensure the service life of the product, the product should not be placed in a wet or leaky place, and should not work in an environment where the temperature exceeds 60 degrees.

When the lamp is used, the power supply voltage should not change more than ± 10%, the voltage is too high, will shorten the life of the bulb, the voltage is too low, it affects the light color of the bulb.

After a power failure, it takes 5 minutes for the lamp to cool down sufficiently before it is powered on again.

Lamp rotating parts and paste accessories must be regularly checked, loose, shaking timely reinforcement, to prevent accidents.

To ensure the normal use of this product, please read this instruction carefully.

1.4 Product introduction

Light source specification: 700W LED, 8000K

LED life: 20000 hours

Color rendering index: CRI adjustable

Pattern cutting: 4 groups of 8-way cutting blade, can cut any graphics, with 180 °rotation

Pattern: a fixed gobo with 12 patterns + white

A rotating gobo plate, 7 gobos + white

With pattern dithering function, arbitrary positioning function

An effect disk with flame, flowing water dynamic effect

Color: 6 colors + white

CTO: independent cut-in CTO

CMY: independent cut-in CMY, linear CMY color switching, infinite color mixing

Prism: 3 prisms, can rotate in both directions, with positioning function

Focusing: electronic focus (auto-focus)

Magnification: 5 ° ~ 55 °

Aperture: 5%-100% aperture adjustment

Dimming: 0 ~ 100% linear dimming

Strobe: 0 ~ 20Hz, a variety of strobe effect

Fogging

Display: LCD LCD touch screen

Control mode: DMX512, RDM, self-propelled, master-slave, voice control, built-in

Light body rotation angle: horizontal 540 degrees; vertical 270 degrees; automatic return correction function

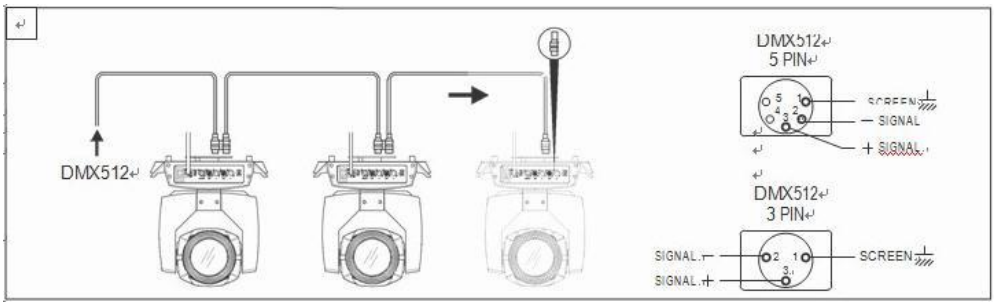
Channel: 36CH

1.5 signal line connection

The luminaire is equipped with standard DMX input and output 3-core or 5-core XLR sockets. Please use a shielded twisted pair signal cable designed for DMX 512; the signal cable is generally connected at a distance of 150 meters, and a DMX 512 signal amplifier must be added for long distance signal transmission.

Use a shielded twisted pair signal cable to connect from the DMX output of the controller to the DMX input of the first unit, and from the DMX output of the first unit to the DMX input of the second unit, and so on until all fixtures are connected, and then install a termination plug on the last connected fixture output 3-prong jack of each connected circuit. (Solder a 4/1W, 120Ω resistor between pins 2 and 3 of the 3-pole XLR plug).

Important: The wires must not touch each other or the metal housing.



Pic1 DMX signal cable connection diagram

Luminaire starting address code calculation method.
The starting address code of the current luminaire is equal to (the starting address code of the last luminaire) + (the number of channels of the luminaire) Description:
1:The starting address code value of the first luminaire is A001.
2:The basic number of channels of the controller should be greater than or equal to the total number of channels used by the luminaire.
3: Note: When using any controller, each fixture should have its own starting address code, if the first fixture's starting address code set A001, the number of channels of the fixture is 36CH; then the second fixture's starting address code is set to A037; the third fixture's starting address code is set to A073; and so on, (this setting method also needs to be determined according to different control units))

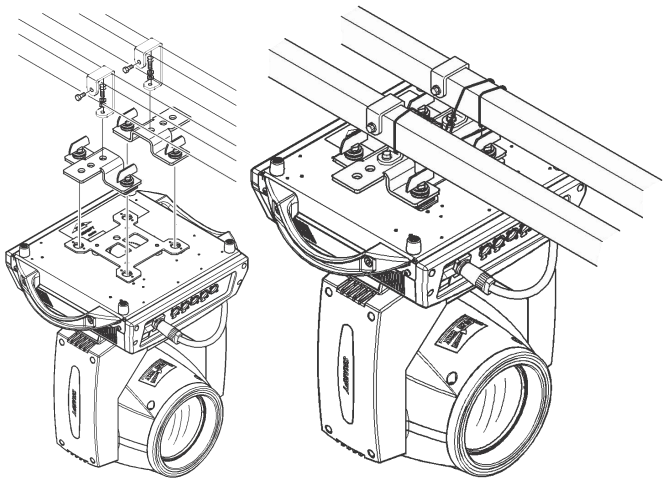
1.1 Luminaire installation

Luminaires can be placed horizontally, hung diagonally and upside down. The installation method must be paid attention to when hanging diagonally and upside down.

As shown in Figure 2, before positioning the luminaire, ensure the stability of the installation site, and when reversing the hanging installation, you must ensure that the luminaire does not fall down on the support frame, and you need to use safety ropes through the support frame and the luminaire carrying handle to assist in hanging to ensure safety. Prevent the luminaire from falling and sliding.

When the luminaire is installed and commissioned, it is forbidden for pedestrians to pass underneath, and the safety ropes are regularly checked for wear and tear, and the hook screws are loosened.

We will not be responsible for all the consequences of falling lamps and lanterns due to unstable hanging installation.



Pic2 Diagram of upside down luminaire

Menu Description

2.1 Screensaver interface

2.1.1 Main Interface

3.Channel Function

3.1 Channel

36CH	Name	Value	Description
CH1	**Pan**	0-255	0-540
CH2	**Pan fine**	0-255	
CH3	**Tilt**	0-255	0-270
CH4	**Tilt fine**	0-255	
CH5	**XY Speed**	0-255	From Fast to Slow
CH6	**Strobe**	0-3	Close
		4-127	From slow to fast pulse strobe
		128-191	From slow to fast gradual frequency flash
		192-251	Random strobe from slow to fast
		252-255	Open
CH7	**Dimmer**	0-255	0-100%
CH8	**Cyan**	0-255	
CH9	**Magenta**	0-255	
CH10	**Yellow**	0-255	
CH11	**CTO**	0-255	
CH12	**Color**	0-127	Linear colors
		128-137	Color1
		138-146	Color2
		147-155	Color3
		156-164	Color4
		165-173	Color5
		174-182	Color6
		183-191	Color7
		192-222	From fast to slow positive flow
		223-224	Stop
		225-255	Slow to fast reverse flow
CH13	**Fingerprint**	0-255	
CH14	**Gobo**	0-9	White
		10-19	Gobo1
		20-29	Gobo2
		30-39	Gobo3
		40-49	Gobo4
		50-59	Gobo5
		60-69	Gobo6
		70-79	Gobo7
		80-89	Gobo8

		90-99	Slow to fast jitter pattern 1
		100-109	Slow to fast jitter pattern 2
		110-119	Slow to fast jitter pattern 3
		120-129	Slow to fast jitter pattern 4
		130-139	Slow to fast jitter pattern 5
		140-149	Slow to fast jitter pattern 6
		150-159	Slow to fast jitter pattern 7
		160-169	Slow to fast jitter pattern 8
		170-212	From fast to slow positive flow
		213-215	Stop
		216-255	Slow to fast reverse flow
CH15	**GROBO**	0-9	White
		10-19	Gobo1
		20-29	Gobo2
		30-39	Gobo3
		40-49	Gobo4
		50-59	Gobo5
		60-69	Gobo6
		70-79	Slow to fast jitter pattern 1
		80-89	Slow to fast jitter pattern 2
		90-99	Slow to fast jitter pattern 3
		100-109	Slow to fast jitter pattern 4
		110-119	Slow to fast jitter pattern 5
		120-129	Slow to fast jitter pattern 6
		130-190	From fast to slow positive flow
		191-192	STOP
		193-255	Slow to fast reverse flow
CH16	**RGobo**	0-127	Angel
		128-190	From fast to slow positive flow
		191-192	Stop
		193-255	Slow to fast reverse flow
CH17	**Effect**	0-10	Remove
		11-255	Insert
CH18	**Dynamic Wheel**	0-2	Stop
		3-128	From fast to slow positive flow
		129-255	Slow to fast reverse flow
CH19	**Focus**	0-255	Focusing stroke
CH20	**Focus fine**	0-255	Focusing stroke
CH21	**Zoom**	0-255	From small to large
CH22	**Prism**	0-63	Remove
		64-127	**Prism**1
		128-191	**Prism**2
		192-255	**Prism**1+**Prism**2

CH23	**RPrism1**	0-127	Angel
		128-187	From fast to slow positive flow
		188-195	Stop
		196-255	Slow to fast reverse flow
CH24	**RPrism2**	0-127	Angel
		128-187	From fast to slow positive flow
		188-195	Stop
		196-255	From fast to slow positive flow
CH25	**0-100% linear**	0-127	No
		128-255	**Frost**
CH26	**Blade1**	0-255	0-100% linear
CH27	**Blade2**	0-255	0-100% linear
CH28	**Blade3**	0-255	0-100% linear
CH29	**Blade4**	0-255	0-100% linear
CH30	**Blade5**	0-255	0-100% linear
CH31	**Blade6**	0-255	0-100% linear
CH32	**Blade7**	0-255	0-100% linear
CH33	**Blade8**	0-255	0-100% linear
CH34	**R-Blade**	0-255	Angel
CH35	**Iris**	0-127	From large to small
		128-255	Zoom
CH36	**Function**	210-215	More than 6 seconds to reset XY
		220-235	More than 6 seconds to reset the effect of the motor
		240-255	Reset all over 6 seconds