

CE

400W LED BSW with CMY color mixing system



User's Manual

Please read the instructions carefully before using the product and keep it in a safe place.

1. Unpacking

Thank you for choosing to use our 400w LED beam dyeing pattern three-in-one mixed color moving head light. In order to use this product correctly and safely, please read the instructions carefully before installing and using this product. This manual contains important installation and application information. Please strictly follow the instructions in the manual when installing and operating the product. In the meantime, please keep this manual in a safe place.

Our moving head beam lamp uses a new and beautiful high temperature engineering plastic case and high hardness metal body. This product is designed and manufactured in strict accordance with CE and RoHs standards. It conforms to the international standard DMX512 signal protocol. It can be used alone or online. It has the characteristics of fast rotation, low noise and powerful functions. It is suitable for large and medium-sized concerts. Theatres, studios, night clubs and high-end bars.

This luminaire uses a bright and stable 400w led light source. Please carefully remove the package in the package

After the installation, check whether the product is damaged during transportation and check whether the following items are complete.

Moving head dyeing lamp -----1	signal line ----1
Quick lock----- 2	manuals ----1
Power cord ----- 1	safety rope ----1

2. Safety instructions

This product is a good product before leaving the factory. In order to maintain the integrity of this product and to ensure safe operation, users should follow the safety precautions and the warnings in this manual.

IMPORTANT: Damage due to failure to follow this instruction is not covered by the warranty. The supplier is not responsible for the product problems caused by this.

If the product has been exposed to extreme unstable temperatures (such as after shipping), do not connect the product immediately, as water droplets due to temperature changes may damage the product. Please use the product after it has returned to normal temperature.

Applicable to indoor AC110-240V, 50-60Hz power supply environment, the lamps should be located in a dry and ventilated place to prevent moisture, rain and intrusion, resulting in short circuit. . Please ensure that the ground voltage is not higher than the product can withstand! ! The power plug must be plugged into a protective Class I outlet. Green or teal conductors must be grounded.

Please check this product level power cord frequently. Make sure the power cord is not folded or damaged and not connected to other wires! Special care must be taken when connecting the power cord or related wiring. Always unplug the power when not using the product or before cleaning.

Before using the product, familiarize yourself with the operating features of the product. Please do not let children or non-professionals touch the product. Please do not shake this product. Do not use brute force when installing or operating the product. Do not let non-professionals operate the product. Most of the damage is caused by unprofessional operations.

The product is not equipped with the relevant repair parts. Product maintenance and repair can only be carried out by professionals!

Please do not modify this product without authorization, otherwise the product may be damaged, so the damage caused is not covered by the warranty. Moreover, unprofessional operation can cause short circuits, burns or electric shocks, and so on.

3. Operating instructions

- This product is a moving light for LED light source, used to create beautiful performances.

- If the product is subjected to a large temperature difference (for example, after transportation), do not start the product immediately, because Cold contraction will damage the product. Please wait until the device reaches normal room temperature before starting the product.

- Pay attention to earthquake prevention. Avoid strong collisions during product installation.

- Please do not lift the entire product through the lamp cap, as the mechanical properties of the device may be damaged.

- When selecting an installation location, make sure that the product is not exposed to excessive heat, humidity or dust. Please don't take it

The wires are placed on the ground, otherwise you may be exposed to electric shock.

- Before installing the product, please make sure the installation point is safe.

- Attach the product to the safety rope and check that all screws are correct during installation.

- Make sure the lens is in good condition. When the lens is damaged or scratched, replace the lens.

- It is recommended that the product be operated by a technician who is familiar with the product. Non-technical personnel are prohibited from operating this equipment because For many losses it is the result of non-professional operations.

- Please keep the packaging materials in a safe place for secondary transportation.

- Do not modify the product without the guidance of the manufacturer or distributor.

- Any equipment malfunction caused by failure to use this equipment in accordance

with the instructions is not covered by the warranty. and

And any resulting damage caused by short circuit, injury, electric shock, ultraviolet light, light bulb explosion Therefore, they are not covered by the warranty.

-- Do not continuously turn on or off the lamp bead during use. Wait at least 20 minutes before starting the lamp again. Otherwise it will affect the life of the lamp bead.

-- When using the beam projection effect, the beam point should not be projected to a certain point for a long time, otherwise it will cause fire or burn through other objects!

4.Lamp mounting and replacement

-- Turn off the power and cool it for 20 minutes, after the lamp has cooled down completely.

-- Do not turn on the luminaire within five minutes of turning off the power to prevent the lamp from exploding.

-- Remove the lamp beads, first unscrew the four screws of the large outer casing, and after taking down the large outer casing, open according to the actual situation. The hardware of the fixed lamp bead can be removed, replaced, and the position of the lamp bead can be precisely adjusted to make the light more ideal effect.

-- Replace the new lamp bead of the same type. After fixing the hardware, please make a large lamp cover and tighten the corresponding screws.

-- The lamp bead must be installed in the center to ensure the best results

5.Product hanging and installation

Note: For safety reasons, please install it away from the aisle, seating area, or accessible area.

This product Before hanging this product, please make sure that the installation point can withstand 10 times the weight of this product

The product must be installed with a double protection device, such as a safety cord.

When hanging, removing or repairing this product, it is forbidden to stand under the installation point.Please ensure that this product is installed at least 0.5 m from flammable materials.

Please remember to use the safety rope as a safety guarantee to prevent accidents when the lock is released quickly.

Lifting point: The top hanging requires the installer to be experienced, including calculating the load-bearing requirements, the installation used Materials, periodically check the safety of the installation materials and products. If you lack this knowledge,

please don't try Try to install it yourself. Failure to do so may result in serious consequences such as personal injury.

Before powering up the product, be sure to complete all required lifting and installation procedures.

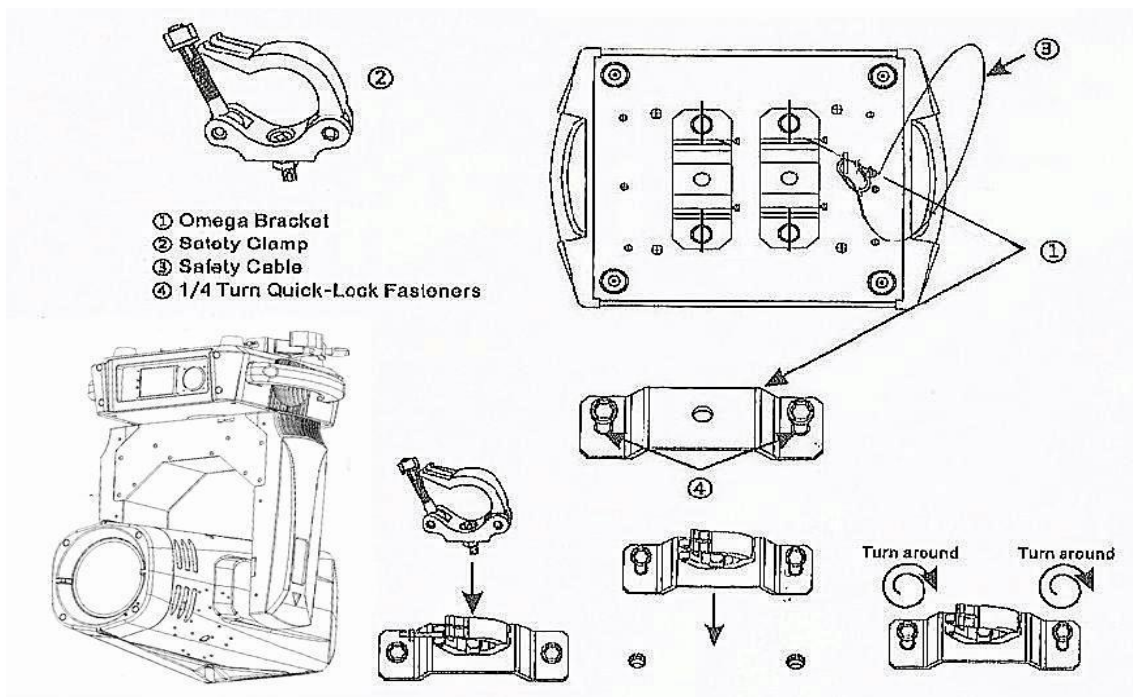
Fast-locking hanging: There are specially designed professional hanging parts at the bottom of the product, including quick-locking hanging parts and safety.

Rope hanging point (please refer to the figure below).

When hanging the product on the truss, please remember to use the appropriate quick lock to fix it to the product.

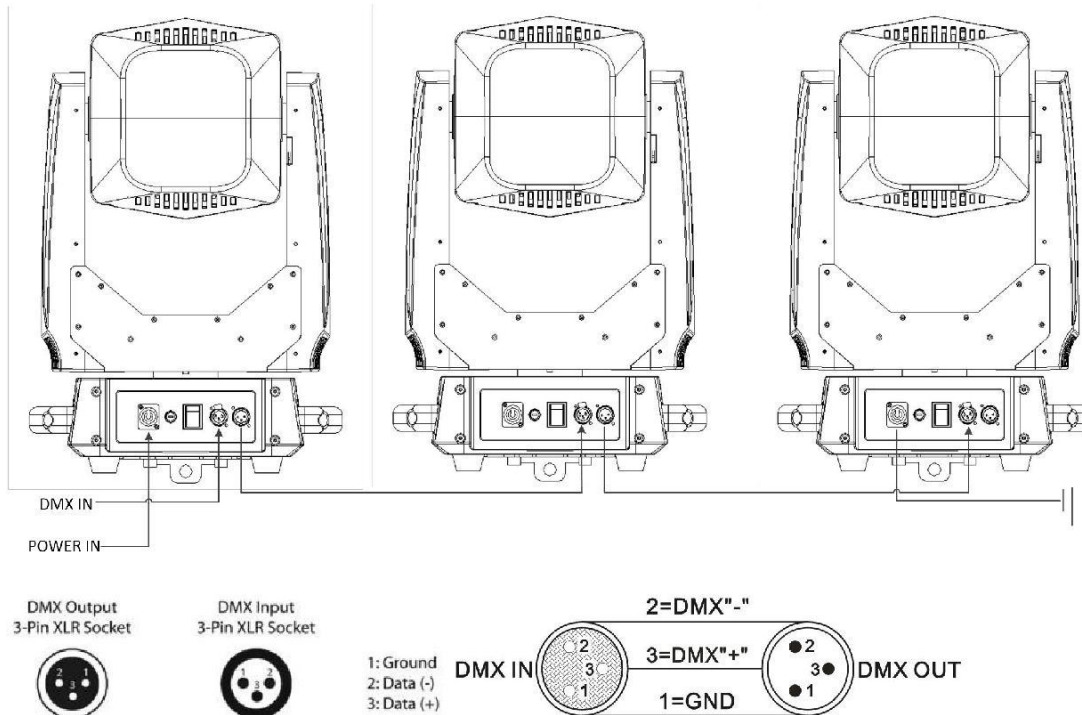
Hang the hanger and hang it with the M10's screws. To further ensure safety, please The rope is attached to the safety rope hanging point at the bottom of the product and fixed to the truss.

Regardless of the type of suspension you choose, be sure to use a safety cord. There is a special safety rope hanger at the bottom of the product. Hanging point, please refer to the above picture, and please remember to use the special safety rope hanging point, never be safe The rope is placed in the handle position.



6. DMX-512 control connections

Insert the male connector of the XLR signal cable of this product into the signal output port of the controller, and insert the female connector into the signal input port on the rear panel of the product. You can talk about multiple products in series. The signal lines need to be three-core, shielded, with XLR input and output heads. Please refer to the figure below.



DMX-512 connection requires terminal (loop connection)

During the installation process, if the signal line is laid a long distance, or in a noisy environment, such as a dance hall, it is recommended to use a DMX terminator (loop connection). This avoids turbidity of the digital control signal caused by electrical noise. The DMX terminator consists of a simple XLR connector with 2 and 3 cores connected to a 120 ohm resistor. Please insert the terminator into the XLR output port of the last product, please refer to the figure below.



7.Channel Mode

21 channel

channel	Function	DMX Value	Function
1	Pan	0-255	
2	Pan Fine	0-255	Pan 16bit
3	Tilt	0-255	
4	Tilt Fine	0-255	Tilt 16bit
5	XY Speed	0-255	From fast to slow
6	Dimmer	0-255	From dark to bright

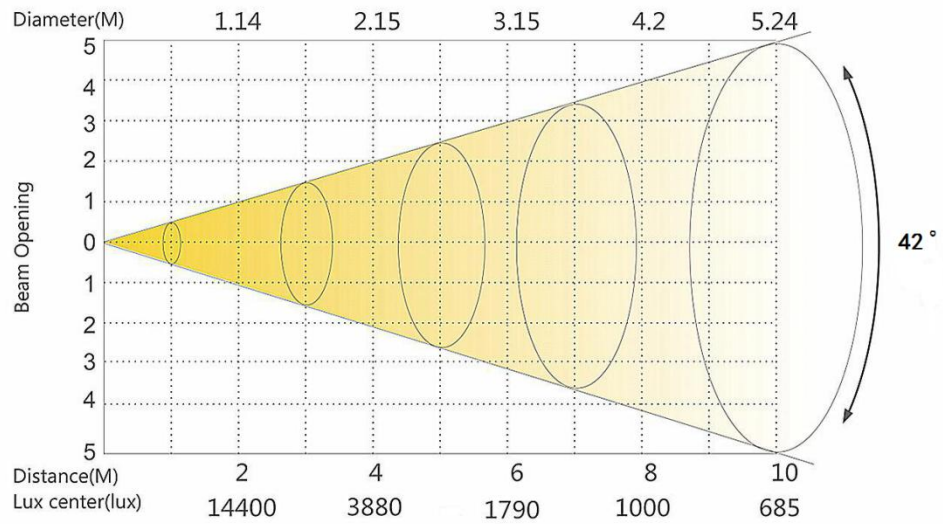
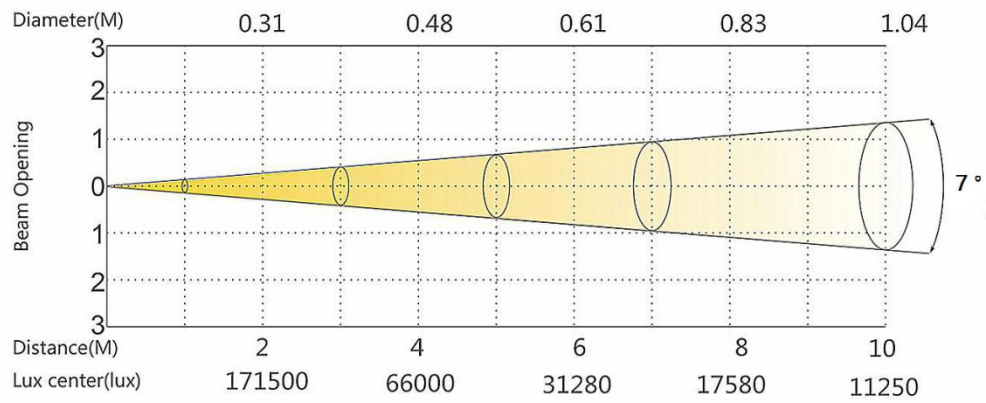
7	Strobe	0-3	Open
		4-100	From slow to fast
		101-150	Lightning strobe
		151-200	Burst Strobe
		201-249	Random strobe
		250-255	Open
8	Color Macro	0-45	No Function
		46-90	Blue
		91-125	Yellow
		126-160	Magenta
		161-185	CTO
		186-230	Red
		231-255	Green
9	Cyan	0-135	Cyan
		136-180	Yellow
		181-215	Blue
		216-255	White
10	Yellow	0-135	Yellow
		136-180	CTO
		181-215	Rose
		216-255	White
11	Magenta	0-135	Magenta
		136-180	Green
		181-215	Red
		216-255	White
12	Color Effect	0-63	White
		64-95	Effect1
		96-127	Effect2
		128-159	Effect3
		160-192	Effect1+Effect2
		193-223	Effect2+Effect3
		224-255	Effect1+Effect2+Effect3
13	Gobo1	0-9	White-R
		10-19	White
		20-29	Gobo 1
		30-39	Gobo 2
		40-49	Gobo 3
		50-59	Gobo 4
		60-69	Gobo 5
		70-79	Gobo 6
		80-89	Gobo 7
		90-99	Shake
		100-109	Gobo 1 Shake
		110-119	Gobo 2 Shake
		120-129	Gobo 3 Shake
		130-139	Gobo 4 Shake
		140-149	Gobo 5 Shake

		150-159	Gobo 6 Shake
		160-169	Gobo 7 Shake
		170-213	Anticlockwise color one by one, from slow to fast
		214-216	White
		215-255	Clockwise color one by one, from fast to slow
14	Gobo2	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 1 Shake
		90-99	Gobo 2 Shake
		100-109	Gobo 3 Shake
		110-119	Gobo 4 Shake
		120-129	Gobo 5 Shake
		130-139	Gobo 6 Shake
		140-149	Gobo 7 Shake
		150-200	Clockwise one by one, from slow to fast
		201-204	White
		205-255	Anticlockwise one by one, from slow to fast
15	R Gobo2	0-127	Linear Rotation
		128-189	Clockwise one by one, from slow to fast
		190-193	Stop
		194-255	Anticlockwise one by one, from slow to fast
16	Prism	0-127	Prism Remove
		128-255	Prism Insert
17	R Prism	0-127	Rotation
		128-189	Anticlockwise one by one, from slow to fast
		190-193	Stop
		194-255	Clockwise one by one, from slow to fast
18	Frost	0-127	Frost Remove
		128-255	Frost Insert
19	Focus	0-255	0-100% linear
20	Zoom	0-255	0-100% linear
21	Reset	0-100	No Function
		101-105	Reset Effect(5S)
		106-150	No Function
		151-155	Reset P/T(5S)
		156-200	No Function
		201-205	Reset All (5S)
		206-255	No Function

8.Menu Mode

Num	Menu	Function
1	DMX Addre	001-512
2	Setup	Run Mode (DMX, Sound, Auto1, Auto2) Channel Mode: 21CH Fixture ID: 000-255 Pan Def Pos Tilt Def Pos Invert Pan Invert Tilt Swap Pan/Tilt P/T Speed Mode No Signal Keep Linear Color Encoder Correct Hall Correct Backlighting time (15 S/30 S/60 S/OFF) Screen brightness (20%-100%) Load default
3	Adjust	Enter PassWord
4	Test	/
5	Lamp	Lamp on@start Manual Lamp on/off Half-power Clear usage record Switched times Light up time
6	Information	Error message DMX data Software version Uasge time

9.Illuminance value



10. Technical parameters

Input voltage: AC100–240V 50/60Hz

Rated power: 580 W

Light source: high brightness LED 400W light source module

Light source life: 20000 Hours

Optical angle: 7° –42°

Pan: 540 degrees + 16bit fine adjustment

Tilt: 270 degrees + 16bit fine adjustment

Channel: 21 standard DMX channel with RDM function

Color: 3 independent CMY color mixing systems, any color choice

CT0: Independent lifting temperature film

Fixed pattern: 8 pattern pieces + white light, pattern water effect,

pattern dithering effect, can realize two-way flow Dynamic effect

disk: 1 effect disk, can do water pattern + point + flame effect

Rotating pattern: 7 rotation pattern pieces + white light, pattern water

effect, pattern shake Dynamic effect, can realize bidirectional water

atomization: with an atomizing mirror to achieve dyeing effect prism

disk: 3 prism effect, can be rotated independently

Dimming: 0–25HZ, electronic linear dimming, high-speed strobe.

Effect

Focusing: Linear focusing

function With automatic buffer battery (optional), edit menu without power 2.8-inch LCD LCD touch screen, free to switch between Chinese and

English. Body can be automatically reversed by 180 degrees

Net weight : 25KG

Size: 396*289*694mm