

60W LED BEAM MOVING HEAD

MJ-1063



User Manual

=====PROFESSIONAL LED LIGHTING=====

Thank you for choosing our LED beam moving head light. For the sake of your safety, Please read and follow these instructions carefully and keep this manual in a safe place for future reference.

5. General troubleshooting

Phenomenon	Solution
Fixture can not start to work	1. Check if the power fuse burnout
Fixture light normally, but no responding to the DMX controller	1. Check if the DMX start address is correct 2. Check if the XLR signal cable was damaged
Fixture work intermittently	Check if the fan work well, Whether dust blocked fan and fan nets
Dark light, brightness decreases obviously	1. Check whether the internal and external optical system clean
Beam is not pure (have a halo)	Clean the dust and oil of bulb, lens and other parts
The beam distortion serious	1. Check whether the lens is broken 2. Clean the dust or oil of lens

Important notice:

- ✧ Before open the LED beam moving head light and if you want to do the repair work, please make sure the power source is at the separation condition.
- ✧ Unceasingly carries on the product improvement about our company the policy, in this instruction booklet carries the data will have the possibility to be able to change in the future, when no longer separate notice change matters concerned. Our company retains when the product improvement changes the related specification the authority. This instruction booklet publisher cannot be responsible regarding this instruction booklet in information accuracy, also cannot the related consequence which causes regarding these information be responsible.

4. Maintenance

When the lens have fracture and other damage, it should be replaced in time. when the fixture can't start to run, please check if the fuse of power supply is burnout, if it is burnout please install the fitted corresponding specification fuse with 5 x20 T2A / 250 v. 5 mmx20mm). Note it must use the same specifications fuse. The is installed with overheating protection device, when it is overheat, the overheating protection device will automatically cut off power supply. Please check whether the fan running, whether the fan and fan nets have dust jam, find troubleshooting before working. But note that a qualified technicians can do the repair work.

In order to maintain the gobo wheel smooth rotation and smooth movement, it is suggested to add grease for the rotation gobo wheel every two months. Should use good quality grease.

In order to ensure the fixture working well, maintain the cleanness of fixture is very necessary. It should be clean once every 30 days after cooling the fans. Internal and external optical lens, reflector and coating color filter cleaning must be carried out periodically to optimize the output light efficiency. Do not use any contains chemical solvent cleaning coating color filter

Cleaning the fixture depending on the operating frequency of fixture and the surrounding environment. Clean with a soft cloth and cleaning products for glass, suggest to clean the external optical system at least once every 30 days , clean the internal optical system at least once every 30/60 days.

Please do not use alcohol and other organic solvents to wipe housing, lest cause damage.

1. Technology Reference

- 1) Voltage: 100V-240V,50-60Hz
- 2) Power consumption:100W
- 3) LED: 1pcs 60W 4IN1 LED
- 4) Strobe: Dimmer, 1-25t/s or random
- 5) Pan::540° and endless rotation
- 6) Tilt: 360° and endless rotation
- 7) DMX channel: 18 CHs
- 8) Working mode: DMX512, Auto, Master-slave, Sound
- 9) Other function: Pan/Tilt speed adjustable
Housing: High temperature resistant engineering plastic + aluminum alloy.
- 10) Weight: 5.5KG
- 11) Product Size: 215*220*300mm
- 12) Packing Size: 260*250*360mm

Accessories

The accessories below were packed with product, please check if they are once open the package.

- Beam light: 1PCS
- Power cable: 1PCS
- User manual: 1 PCS
- XLR connector: 1Unit
- F6 Screw: 2pcs
- Bracket: 1PCS

Warning!!!

Please check whether the light with damage by shipment once open the package before operation. If product with damage by shipment, please do not operate the light then contact the dealer or supplier.

This product is designed for Indoor use, the IP rate is IP20. Keep the product in dry environment. Avoid in damp, overheating, or much dusty environment. Prevent fixture in contact with the water and other liquids.

Please do not install the fixture on the surface of combustible substances.

Qualified professionals can install, operate and maintain the fixture, and to make sure strictly in accordance with the procedures described in this operating instructions.

The fixture should be installed in a well ventilated place, and the distance from the wall to keep above 10 cm, at the same time, please check the fan and the vent is unimpeded.

Do not use the fixture is directly projected on combustible objects, the distance between the fixture and light objects please keep over 1 meter.

Don't look straight into the light source of the fixture (especially for epilepsy patients), so as not to cause damage to the eyes!
Please do not open and fix the fixture by yourself.

For electrical parts connected person must have the corresponding qualifications before operate.

Before installation, please make sure the power supply voltage you used and the voltage of fixture is identified.

Every fixture should be properly grounded and in accordance with the relevant standard for electrical installation.

Don't dispatch the fixture connected to any other dimming device.

Do not use insulating layer with damage for the power cord, and don't take the power cord overlap on the other wire. When not use or to clean the fixture, please unplug the power cord. Don't unplug the plug rudely or drag the power cord directly.

Keep the bulb clean, do not contact with the glass bulb by hand directly. Equipped with insurance rope connecting hole at the bottom of the fixture, for security, please use safety cable to hang the fixture.

There is no any parts for repair inside the fixture. Before starting operation of the fixture, please check whether all the cover plate (or housing) has been installed well, whether the screw has been tighten .

Prohibit use the fixture when the cover plate or housing is opened.

If you have any questions or Suggestions, please contact with dealers or supplier

Important: before any installation, maintenance and clean the fixture, please confirm the power supply is cut off!

10	R dimmer	0~255	Red dimmer from dark to bright
11	G dimmer	0~255	Green dimmer from dark to bright
12	B dimmer	0~255	Blue dimmer from dark to bright
13	W dimmer	0~255	White dimmer from dark to bright
14	Static effect	0~24	Effect 1
		25~49	Effect 2
		50~74	Effect 3
		75~99	Effect 4
		100~124	Effect 5
		125~149	Effect 6
		150~174	Effect 7
		175~199	Effect 8
		200~224	Effect 9
		225~249	Effect 10
		250~255	Effect show, Speed control by CH16
15	Dynamic effect	0~49	Effect 1, Speed control by CH16
		50~99	Effect 2, Speed control by CH16
		100~149	Effect 3, Speed control by CH16
		150~255	Effect 4, Speed control by CH16
16	Effect speed	0~255	Effect speed from fast to slow
17	Macro	0~49	No function
		50~99	Static effect show with CH8,CH14 and CH16
		100~149	Dynamic effect show with CH8,CH15 and CH16
		150~199	Auto running
		200~255	Sound
18	Reset	0~250	No function
		251~255	Light reset

7).System Set

System Information

The version:V1

PAN Reset: X axis reset status display Normal Wrong
 TILT Reset: Y-axis reset status display Normal Wrong
 Default Settings: factory reset

8).Reset

3. DMX Channel

Channel	Function	Value	Description
1	Pan	0~255	0-540 degree Pan rotation
2	Pan endless	0~55	No function
		56~155	Pan endless rotating forward from slow to fast
		156~255	Pan endless rotating Inversion from slow to fast
3	Pan fine	0~255	Pan fine-16bit
4	Tilt	0~255	0-360 degree Pan rotation
5	Tilt endless	0~55	No function
		56~155	Tilt endless rotating forward from slow to fast
		156~255	Tilt endless rotating Inversion from slow to fast
6	Tilt fine	0~255	Tilt fine-16bit
7	Pan/Tilt Speed	0~255	Pan/Tilt Speed from fast to slow
8	Main dimmer	0~255	Main dimmer from dark to bright
9	Strobe	0~55	No function
		56~155	Strobe speed from slow to fast
		156~205	Random stroboscopic
		206~255	Lightning flashes

Power supply connection

The power cord connection as follows:

L = (live wire) brown wire

E (ground) = yellow/green double color line

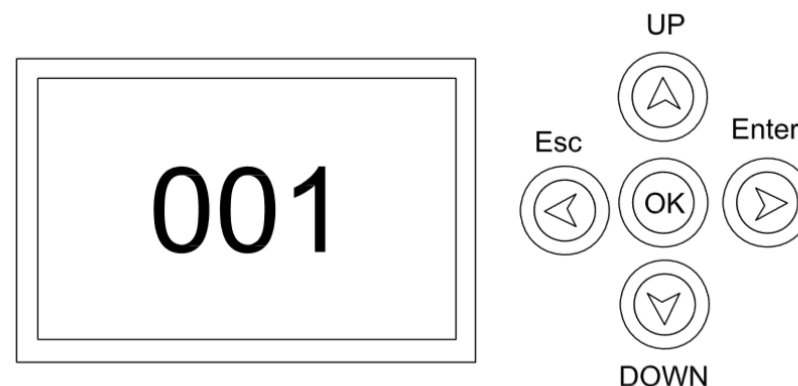
N =(middle line) blue line

Connecting power supply, please pay attention to the power supply voltage and frequency should be marked on the voltage and frequency of fixture. When more than one moving head light used at the same time, it is recommended that the power of the fixture, respectively connection, this can control the fixture ON/OFF separately.

Important: Connect to the power supply, the ground (yellow/green line) should be safety grounding, electrical installation shall comply with all relevant standards

2. Function Setting (LCD display instruction)

001 is factory default setting. In this mode receive DMX512 signal control. Press ENTER to set ID address. Use UP or DOWN to change the value of ID address, then press ENTER to save



1).DMX512 Address Set

This option is to set the DMX address. Press “Enter” button to enter settings. Press “UP” or “DOWN” can change address value. Press “Enter” to save and exit after set up address.

2).Run Mode

This option is to set the run mode. Press “Enter” to enter settings. Press “UP” or “DOWN” to select run mode. Run mode has “DMX512”, “Slow”, “Fast”, “Sound” and “manual”. Press “Enter” to save and exit after set up run mode.

DMX512: controller operation
Slow: slow auto operation
Fast: fast auto operation
Sound: sound auto operation
Manual: manual operation

3).Invert PAN/TILT

This option is to reverse set PAN/TILY direction. Press “Enter” can enter setting. Press “UP” or “DOWN” can reverse set PAN/TILT direction. “Yes” is PAN/TILT reverse, “No” is do not reverse. Press “Enter” to save and exit after choose direction.

4).Display Set

This option is to invert word direction, Chinese and English display, and backlight. Press “Enter” to enter setting. Press “UP” or “DOWN” can turn on/off LCD backlight. Choose “Yes” backlight will still shine not off; choose “NO” backlight will off if no operation in 20 second, it will on if have operation. Press “Enter” to save and exit after setting.

Invert Word: word invert direction
English/Chinese: English/Chinese display choose
LCD Backlight on: LCD backlight on/off setting

5). Manual Set

This option is to set the lamp scene parameters.Press “ENTER” can into save set,can do lighting connection running.But first you need to set the Run Mode in manual,then available.When power off,then next time start on this light,can return to last setting.

PAN	X-axis position
PAN_C	X-axis stepless control
PANMICO	X fine bit
TILT	Y axis position
TILT_C	Y-axis stepless control
TILTMICO	Y fine bit
XY_SPEED	XY speed
DIM	main dimming
STROBE	strobe
DIM_R	red dimming
DIM_G	green dimming
DIM_B	blue dimming
DIM_W	white dimming
STA_CH	Static effects
MOV_CH	Dynamic effects
SHOW_SP	effect speed
MACRO_CH	Macro function control

6).Sound Sence

This option is to switch on the sound sensitivity of the lamp set,press “ENTER” can into seeting, press “ UP” or “DOWN” can do 0-100 grade sensitivity option.After you choose the sensitivity,then press “ ENTER” to save it and quit.