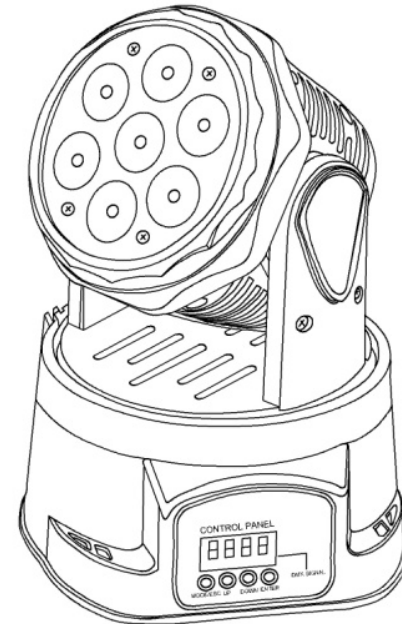


# MINI LED MOVING HEAD

MJ-1005-6IN1



## User Manual

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

Thank you for choosing our Mini LED 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.

# Catalogue

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- ◇ Before open the LED moving head 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.

## I. Product Illustration

Our product adopt semiconductor to produce radiation, LED as light origin. With advantage of operation quietly, less power waste, high brightness, gaily-colored, astigmatic, high longevity (60-100 thousands hours), non-calorific etc. Our product use 6IN1\*7 LED, synthesize turn colors under election, can create effect of auto gradual change/skip change color, frequent blinking. Can accept control by DMX512, real save power, no pollution green lighting tool.

## II. Installation

Use the four bolts with M6 size by the clip of the LED moving head to install it. Should guarantee the reliability of the install, this way is to prevent the LED moving head occurs swings and skids when it's working. The weight is about 3Kg of each LED moving head, before install, you should confirm the structure whether can support this weight of the LED moving head light. In order to guarantee the security, you also need to install a safety chain in the lamp body side handle.

## III. DMX connection

The connection of controller between the led moving head lamp or respectively led moving head lamp should use the twin core shielded cable, and the diameter of each core at least be 0.3mm.

When installing, uses the DMX signal terminal is much better. It can avoid the digital control signal breached by the electrical noise. Generally speaking, the DMX terminal is Cannon plug coupling, it has a 120 ohm resistances between the 2 feet and 3 feet, it will connected on the last led moving head lamp's digital plug of the led moving head lamp chain.

## XII. DMX function

Channel	Value	Function
CH1	0-255	Pan motor rotation
CH2	0-255	Tilt motor rotation
CH3	0-255	Pan/Tilt rotation speed from fast to slowly
CH4	0-255	Main dimming from dark to bright
CH5	0-255	Strobe adjusting from slowly to quickly
CH6	0-255	Red dimmer
CH7	0-255	Green dimmer
CH8	0-255	Blue dimmer
CH9	0-255	White dimmer
CH10	0-255	Amber dimmer
CH11	0-255	Purple dimmer
CH12	0-9	RGBW A+UV color mixture
CH13 (Macro)	0-10	Off
	11-120	Color change by snapping
	121-180	Color change by Fade
	181-245	Color change by running
	246-255	Sound mode
CH14	0-255	Macro peed control fast -slow

## XI. Menu display function



Enter



Menu



down



up

No.	Display	Function
1	A001	A001—A512 (14 channel) press “UP” and “Down” button change the DMX address
2	R255	R000—R255 (Red dimming by hand)
3	G255	G000—G255 (Green dimming by hand)
4	B255	B000—B255 (Blue dimming by hand)
5	H255	H000—H255 (White dimming by hand)
6	P255	P000—P255 (Amber dimming by hand)
7	U255	U000—U255 (Purple dimming by hand)
8	PR01	PR01—PR40 (Internal program mode), press “UP” and “Down” button change the program mode
9	SP01	SP01—SP16 (Internal program speed), press “UP” and “Down” button change Internal program speed
10	LE01	LD01 / LD02 (Dimmer mode), LD01 is quickly out of light,LED02 is soft light
11	AUTO	AUTO/AUD1 (Test mode), AUTO is running mode ,AUD1 is sound mode
12	REST	Rest mode

### Note:

When the connect DMX512 controller, the DMX address D will be change to A .

## IV. Maintaining

1. The fixture should be kept dry to avoid working in wet conditions.
2. Intermittent use will effectively prolong the life of this fixture.
3. For a good ventilation and lighting effects, please clean the fans ,fan nets and lens usually .
4. To avoid damage this fixture, please don't use alcoholic or other organic solvents to clean the fixture shell.

## V. Precautions

1. In order to ensure the life of this fixture, please don't place this fixture where is moisture or leakage, and don't operate the fixture at temperatures higher than 40°please!
2. Don't place the fixture where is easy to loose or vibration-prone
3. To avoid risk of electric shock, please ask the professionals to maintain this fixture.
4. When connect the fixture to power, the changes of power voltage should be at-10% ~+10%,if higher, will reduce the life of the fixture, but if lower, will effect the lightness.
5. Should need 20 Min. to fulling cool the light before re-use.
6. In order to ensure the normal use of this product, please read this manual carefully.

## VI. Warning

- Don't disassemble and assemble the LED moving head.
- Please Do not put the led moving head lamp in water or other any types liquids and the metal (IP20).
- Do not install the led moving head lamp in the humidity environment.
- Should maintain the minimum 0.5 meter distance between the led moving head lamp and other neighboring object surface.

## VII. Difficult processing

Question	Answer
The LED moving head lamp can not start.	Inspects the fuse on the rear panel.
Although shines, but the LED moving head lamp can not accept the instruction of the controller.	Check the digital start address (sees 09th) and also check the connection situation of the communication control line the (to see 03rd).
LED moving head lamp only can work intermittently.	Inspect the power supply and voltage is whether normal.
Do not receive the DMX512 signal	Whether the signal lines do contact good or broken.
The light beam appears gloomily.	Inspect the optics part is whether clean.

**Note:Other maintain work should by the specialist which has the experience to carry on.**

## VIII. Declaration

Before delivery, this fixture have the performance intact, packaging integrity, and all users should strictly observe the above warnings and operating instructions for the matter, with any damage caused by misuse is not guaranteed within the company, for damages caused by ignoring the manual instruction is not within the scope of the distributors or dealers. Thank you for your cooperation!!

## IX. Equipment and appendix

1. Led moving head light -----1pcs
2. The Product of Instruction-----1pcs
3. Power Cable -----1pcs
4. XLR connector-----1pcs
5. Bracket-----1pcs
6. M6 mm Screw-----2pcs

## X. Technical parameters

Voltage: AC100-240V,50Hz/60Hz

Power Consumption: **150 Watts**

LED: **6IN1\*7LED**

LED Power: 18W (x 7pcs)

LED Current: 500mA / 1 pc

LED Beam Angle: 25°

Pan:540°

Titl:180°

Operation Modes: DMX512, Manual, Sound, Internal Program, Master/Slave

DMX Control: 14 Channels

Control Panel: Digital 4 Character Alphanumeric

Maximum Ambient Temperature: 40° C

Gross Weight: 3.8 kg

Package Size: 25 x 22 x 29.5cm