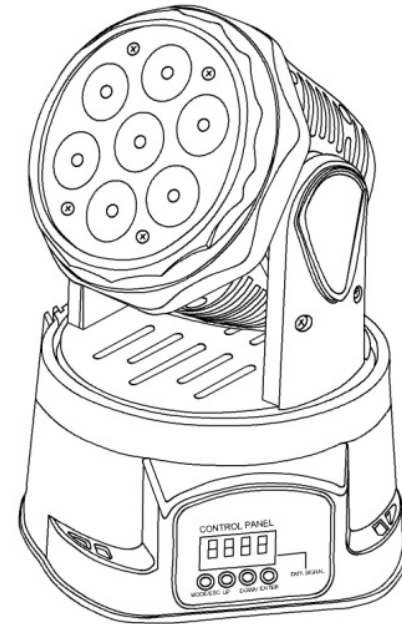


MINI LED MOVING HEAD

MJ-1005-4IN1



User Manual

=====PROFESSIONAL STAGE 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.

| | | |
|----|---------|--------------|
| 13 | 113-127 | Auto 8 |
| | 128-142 | Sound 1 |
| | 143-157 | Sound 2 |
| | 158-172 | Sound 3 |
| | 173-187 | Sound 4 |
| | 188-202 | Sound 5 |
| | 203-217 | Sound 6 |
| | 218-232 | Sound 7 |
| | 233-255 | Sound 8 |
| 14 | 150-255 | Reset |

12. Technical parameters

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

Power Consumption: **90 Watts**

LED: **4IN1*7LED**

LED Power: 10W (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: 9/14 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

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.

1. 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 **4IN1*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.

2. 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.

3. 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.

| | | |
|----|---------|---|
| 8 | 0-255 | GREEN |
| 9 | 0-255 | BLUE |
| 10 | 0-255 | WHITE |
| 11 | | Color Changing |
| | 0-7 | Color Mixing1 |
| | 8-21 | Color Mixing2 |
| | 22-34 | Color Mixing3 |
| | 35-49 | Color Mixing4 |
| | 50-63 | Color Mixing5 |
| | 64-77 | Color Mixing6 |
| | 78-91 | Color Mixing7 |
| | 92-105 | Color Mixing8 |
| | 106-119 | Color Mixing9 |
| | 120-134 | Color Mixing10 |
| | 135-147 | Color Mixing11 |
| | 148-161 | Color Mixing12 |
| | 162-175 | Color Mixing13 |
| | 176-189 | Color Mixing14 |
| | 190-203 | Color Mixing15 |
| | 204-217 | Color Mixing16 |
| | 218-231 | Color Mixing17 |
| | 232-255 | Color Jump Changing |
| 12 | 0-255 | Color Changing Speed |
| 13 | | Auto Running Program MOVEMENT(AUTO & SOUND EFFECT) |
| | 0-7 | Blank |
| | 8-22 | Auto 1 |
| | 23-37 | Auto 2 |
| | 38-53 | Auto 3 |
| | 54-67 | Auto 4 |
| | 68-82 | Auto 5 |
| | 83-97 | Auto 6 |
| | 98-112 | Auto 7 |

11. DMX function

9CH Mode

| CHANNEL | | Function |
|---------|---------|----------------------------------|
| 1 | 0-255 | Pan |
| 2 | 0-255 | Tilt |
| 3 | 0-7 | Dimmer and strobe Null |
| | 8-134 | Dimmer |
| | 135-239 | Strobe from slow to fast |
| | 240-255 | Lighting Open |
| 4 | 0-255 | RED |
| 5 | 0-255 | GREEN |
| 6 | 0-255 | BLUE |
| 7 | 0-255 | WHILE |
| 8 | 0-255 | Motor Speed |
| 9 | 150-200 | RESET |

14CH Mode

| CHANNEL | | Function |
|---------|---------|----------------------------------|
| 1 | 0-255 | Pan |
| 2 | 0-255 | Pan Fine |
| 3 | 0-255 | Tilt |
| 4 | 0-255 | Tilt Fine |
| 5 | 0-255 | Motor Speed |
| 6 | 0-7 | Dimmer and strobe Null |
| | 8-134 | Dimmer |
| | 135-239 | Strobe from slow to fast |
| | 240-255 | Lighting Open |
| 7 | 0-255 | RED |

4. 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.

5. 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.

6. 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.

7. 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.

8. 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!

9. Equipment and appendix

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

10. Menu display function

