

YANGHOPES YH-2024-04-01

YANGHOPES Moving Head DJ Light (Model YH-2024-04-01) User Manual

Model: YH-2024-04-01 | Brand: YANGHOPES

1. INTRODUCTION

This manual provides essential information for the safe and effective operation of your YANGHOPES Moving Head DJ Light. Please read this manual thoroughly before installation and use, and retain it for future reference. This professional stage lighting equipment features 12 RGBW LEDs, DMX 512 control, sound activation, and 360° rotation capabilities, suitable for various events.

2. SAFETY INFORMATION

- Electrical Safety:** Ensure the power supply matches the voltage requirements of the device (220 Volts). Always connect to a grounded outlet. Disconnect power before cleaning or servicing.
- Installation:** Install the light in a well-ventilated area, away from heat sources and flammable materials. Ensure secure mounting using the provided brackets. Do not block ventilation openings.
- Operation:** Avoid direct eye exposure to the light source. Do not operate the device if the power cord is damaged or if the unit shows signs of malfunction. Keep away from water and moisture.
- Maintenance:** Refer to the maintenance section for proper cleaning and care. Only qualified personnel should perform repairs.

3. PRODUCT OVERVIEW

The YANGHOPES Moving Head DJ Light is designed for dynamic stage lighting, offering versatile control and vibrant effects. It features 12 high-brightness RGBW 4-in-1 LEDs, providing clear imaging and a wide irradiation range.

3.1 Key Features

- 12 high-quality RGBW high brightness lamp beads for clear imaging and wide irradiation.
- Strobe function and stable characteristics.
- Low power consumption, energy-saving, and long service life.
- High-quality motor enabling infinite Y-axis rotation and responsive movement for all-round lighting.
- Constructed from high-quality engineering plastic and metal for durability.
- Integrated high-power cooling fan and large cooling window for maximum heat dissipation.
- Multiple control modes: DMX512, Master/Slave, Sound Activated, and Self-Propelled (Auto) mode.
- RGBW mixed dimming, RGBW flowing effect, and strobe effect.
- CE and FCC certified.

3.2 Components

The product package includes the Moving Head DJ Light unit, a user manual, and two types of mounting brackets, along with a power cable.



Figure 1: Package Contents - Moving Head DJ Light, User Manual, Mounting Brackets, Power Cable.

360° Rotation Moving Head DJ Lights

BRIGHT AND COLOURFUL



Figure 2: Product Dimensions and Mounting Bracket Details.

4. SETUP

4.1 Mounting

The Moving Head DJ Light offers flexible installation options:

- **Standing Installation:** Utilize the four foot pads at the bottom of the unit for stable placement on a flat surface.
- **Overhead Installation:** Attach one of the two provided mounting brackets to the unit and secure it to a truss or ceiling structure. Ensure the mounting point can safely support the weight of the light.

4.2 Power Connection

Connect the provided power cable to the 'POWER IN' port on the rear of the unit and then to a suitable 220V AC power outlet.

4.3 DMX Connection (Optional)

For DMX control, connect a DMX cable from your DMX controller's output to the 'DMX IN' port on the light. If linking multiple lights, connect the 'DMX OUT' of the first light to the 'DMX IN' of the next, and so on. Ensure proper DMX termination for stable signal transmission.

5. OPERATING MODES

The light supports various operating modes, selectable via the control panel on the unit or an external DMX controller.

5.1 DMX512 Control Mode

This mode allows precise control over all light functions (color, movement, strobe, dimming) using a DMX512 controller. The light operates on 13 or 15 DMX channels. Refer to the DMX channel chart in the full user manual for detailed channel assignments.

Video 1: Demonstration of DMX 512 control for the Moving Head DJ Light, showcasing various color and movement patterns.

Video 2: Further examples of DMX 512 controlled lighting effects, including beam movements and color changes.

Video 3: A comprehensive look at DMX 512 control, including strobe effects and dynamic light patterns.

Video 4: Professional DMX512 DJ light operation, demonstrating advanced control and synchronized effects.

5.2 Master and Slave Mode

In this mode, multiple lights can be synchronized. One unit is set as the 'Master' and others as 'Slaves'. The slave units will mimic the master unit's movements and effects. Connect the DMX OUT of the master unit to the DMX IN of the first slave, and daisy-chain subsequent slaves.

5.3 Sound Activated Control Mode

The light features a built-in microphone that allows it to react to music and ambient sounds. In this mode, the light will automatically change colors, patterns, and movements in sync with the beat. This mode is ideal for parties or events without a DMX controller.

Video 5: Preview of sound-activated mode, demonstrating how the light reacts to music with dynamic color and movement changes.

Video 6: Preview of sound-activated mode with fog, showing enhanced beam visibility and dynamic light effects in response to sound.

5.4 Self-Propelled (Auto) Mode

The light comes with pre-programmed internal patterns and sequences. In Auto mode, the light will cycle through these programs automatically, providing a continuous light show without external input.

6. MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your DJ light.

- **Cleaning:** Periodically clean the lens and exterior with a soft, dry cloth. Do not use abrasive cleaners or solvents. Ensure the unit is unplugged before cleaning.
- **Inspection:** Regularly check the power cable for any signs of damage. Inspect mounting hardware for security.
- **Ventilation:** Ensure the cooling fan and ventilation windows are free from dust and obstructions to prevent overheating.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not power on.	No power supply; faulty cable; unit malfunction.	Check power connection and outlet. Inspect power cable for damage. If problem persists, contact support.
No DMX control.	Incorrect DMX cabling; incorrect DMX address; missing terminator; faulty DMX port.	Verify DMX cable connections (IN/OUT). Ensure DMX address is correctly set on the light. Use a DMX terminator. If DMX port is physically damaged or non-functional, contact support.
Light not responding to sound.	Sound activated mode not selected; low sound input.	Ensure the light is set to Sound Activated mode. Increase music volume or place the light closer to the sound source.
Movement is erratic or limited.	Obstruction; internal motor issue.	Check for any physical obstructions. If no obstruction, contact support.

8. SPECIFICATIONS

- **Model Number:** YH-2024-04-01 DJ Light
- **Light Source:** 12 x RGBW 4-in-1 High Brightness LEDs
- **Power Consumption:** 150 Watts
- **Voltage:** 220 Volts
- **Control Modes:** DMX512 (13/15 CH), Master/Slave, Sound Activated, Auto
- **XY Axis Angle:** X-axis 540°, Y-axis Unlimited Rotation
- **Material:** Metal, Plastic
- **Item Weight:** 9.63 Pounds
- **Product Dimensions:** 10"L x 10"W x 12"H
- **Beam Angle:** 360 Degrees
- **Certifications:** CE, FCC

9. WARRANTY AND SUPPORT

YANGHOPES is committed to providing quality products and customer satisfaction. If you have any questions about your YANGHOPES stage light before or after the sale, please feel free to contact us. We will respond promptly to assist you.

For support, please refer to the contact information provided with your purchase or visit the official YANGHOPES store on Amazon: [YANGHOPES Store](#).