

HOLDLAMP ZQ02021X4

HOLDLAMP 120W LED Moving Head Light Instruction Manual

Model: ZQ02021X4

Brand: HOLDLAMP

1. INTRODUCTION

This manual provides essential information for the safe and effective operation of your HOLDLAMP 120W LED Moving Head Light. Please read these instructions thoroughly before installation and use, and retain them for future reference. This device is designed for professional stage lighting applications, offering dynamic light effects with various control options.

2. SAFETY INFORMATION

- **Electrical Safety:** Ensure the power supply voltage matches the device's requirements (AC 100-240V). Always connect to a grounded outlet. Disconnect power before cleaning or servicing.
- **Placement:** Install the fixture in a well-ventilated area, away from flammable materials. Maintain a minimum distance of 0.20m from flammable surfaces.
- **Temperature:** The maximum operating temperature of the external surface is 120°C. Do not touch the fixture during operation.
- **Eye Safety:** Avoid direct eye exposure to the light beam, as it is very bright and can cause eye damage.
- **Handling:** Do not operate the device if the power cord is damaged or if the unit shows signs of physical damage. Refer all servicing to qualified personnel.

3. PRODUCT OVERVIEW

The HOLDLAMP 120W LED Moving Head Light is a powerful and versatile stage lighting fixture. It features a 120W LED light source, an 18-facet circular prism, 7 rotating gobos plus a spot, and 8 colors plus a spot with color mixing capabilities.

Key Features:

- **Light Source:** 120W LED, delivering over 5,000 Lumens.
- **Prism Effects:** Rotating 18-facet circular prism for dynamic beam patterns.
- **Gobos:** 7 rotating gobos plus an open spot for various pattern projections.
- **Colors:** 8 vibrant colors plus an open spot, with smooth color mixing.
- **Movement:** Pan (X-axis) 540°, Tilt (Y-axis) 180° for wide coverage.
- **Optics:** High-definition optical lens for clear and precise light output.
- **Cooling:** High-efficiency heat dissipation system for stable operation.

Visual Effects:

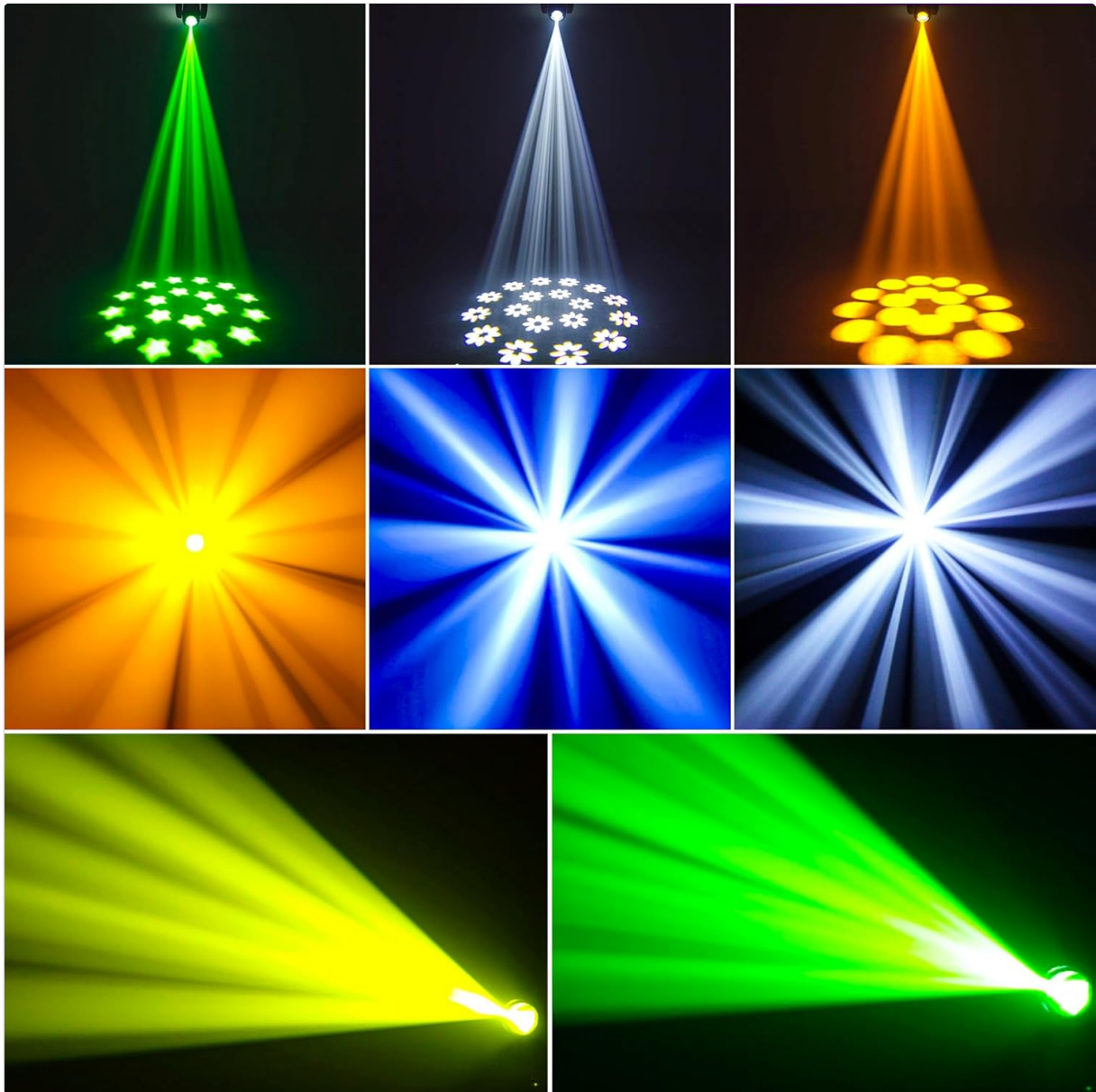
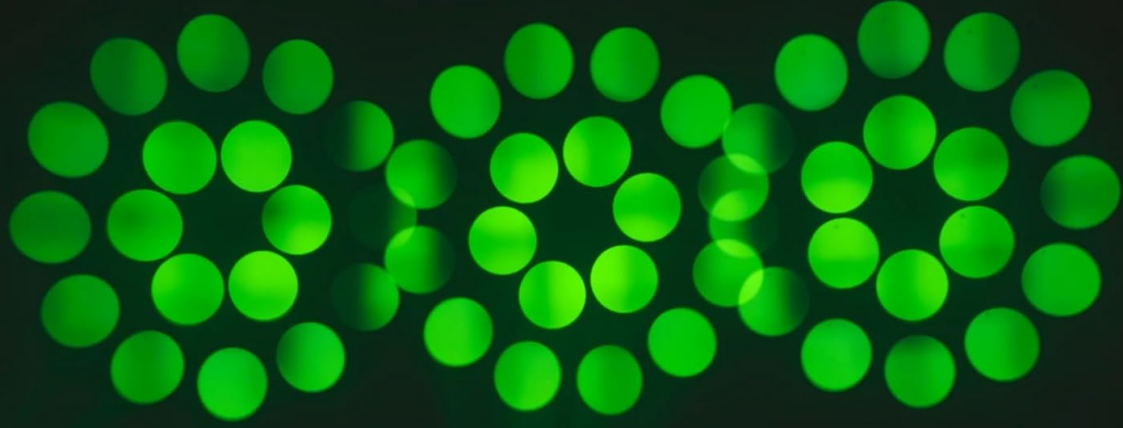


Image: Demonstrates various light patterns and colors achievable with the fixture.

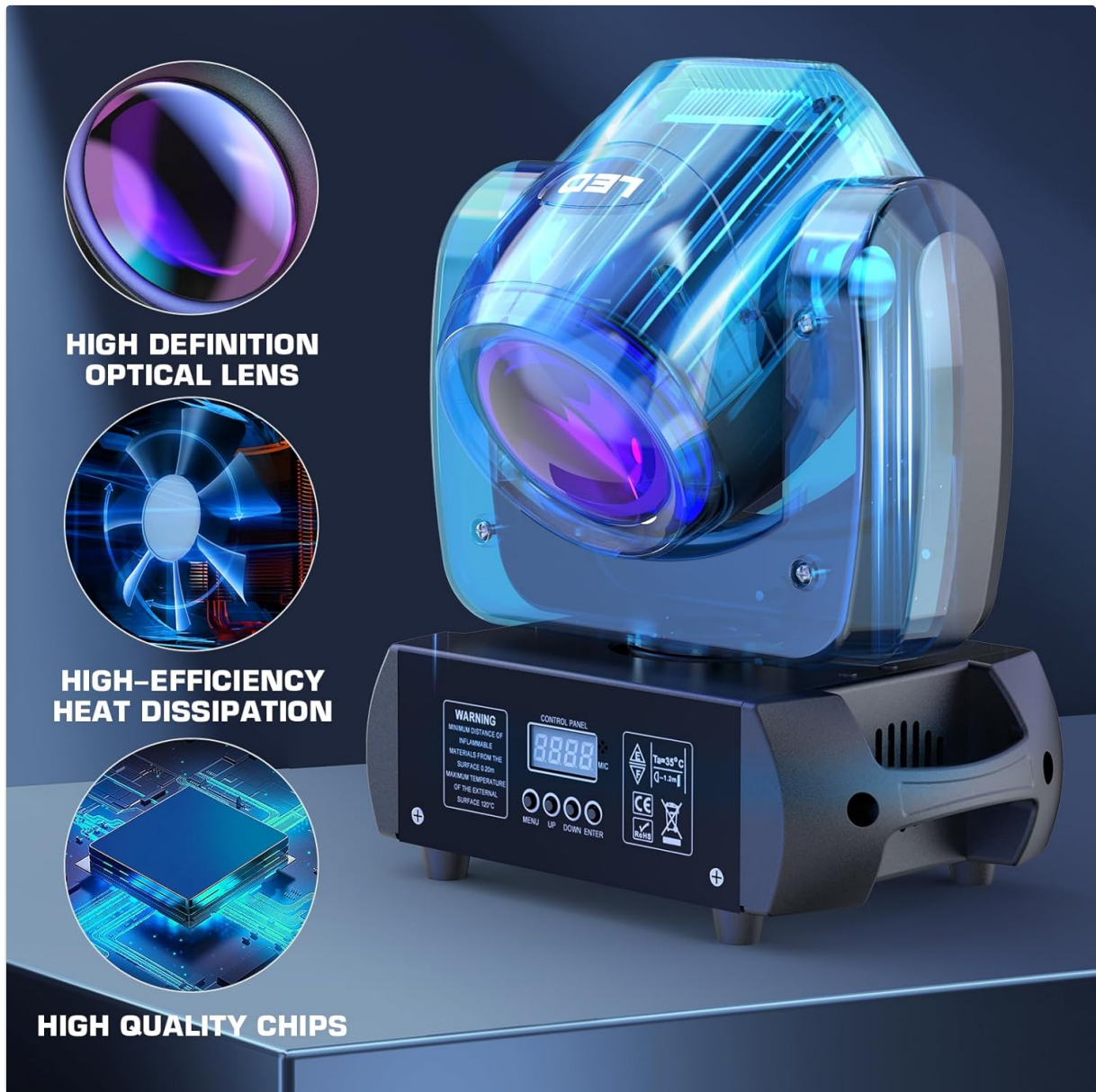


Rotatable 18-Facet Prism

Wide Beam Angle



Image: Illustrates the rotatable 18-facet prism effect and the wide beam angle capability.



**HIGH DEFINITION
OPTICAL LENS**

**HIGH-EFFICIENCY
HEAT DISSIPATION**

HIGH QUALITY CHIPS

Image: Highlights the high-definition optical lens, efficient heat dissipation, and quality internal components.



Image: Provides physical dimensions and illustrates the extensive pan and tilt movement capabilities.

4. SETUP

Before setting up, ensure the fixture is placed on a stable surface or securely mounted. This light is designed for table mount installation.

Connections and Control Panel:



Image: Detailed view of the rear panel connections and front control panel.

1. **Power Connection:** Connect the provided power cord to the 'POWER' input on the rear panel. Ensure the power switch is in the 'OFF' position before connecting.
2. **DMX Connection (Optional):** For DMX control, connect a DMX controller to the 'DMX IN' port using a 3-pin DMX cable. If linking multiple units, connect 'DMX OUT' of the first unit to 'DMX IN' of the next.
3. **Control Panel:** Use the 'MENU', 'UP', 'DOWN', and 'ENTER' buttons to navigate and select operating modes and settings. The 4-digit display shows current settings.

5. OPERATING INSTRUCTIONS

The HOLDLAMP 120W LED Moving Head Light offers multiple control methods to suit various event requirements.

Control Modes:



Image: Overview of the available control modes for the light fixture.

- **DMX512 Control:** This mode allows precise control over all functions using a DMX controller. The fixture supports 12 DMX channel modes, including Pan/Tilt Inversion and Fine Pan/Tilt adjustments. Refer to the DMX channel chart (not included in this general manual) for specific channel assignments.
- **Sound Activated Control:** The built-in microphone detects ambient sound, allowing the light to synchronize its patterns and movements with music.
- **Automatic Mode:** The fixture runs through pre-programmed light shows and patterns without external input.
- **Master-Slave Mode:** Link multiple units together. One unit acts as the master, controlling all other slave units, ensuring synchronized light shows.
- **Strobe and Pattern Dithering:** These effects can be activated and adjusted via DMX or through the internal programs.

Demonstration Video:

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Video: A demonstration of the HOLDLAMP Moving Head Light's rotating prism and gobo effects, showcasing its dynamic capabilities in various colors.

6. MAINTENANCE

- **Cleaning:** Regularly clean the optical lens and external surfaces with a soft, lint-free cloth to maintain optimal light output and prevent overheating. Ensure the device is powered off and cooled before cleaning.
- **Fuse Replacement:** If the device does not power on, check the fuse located on the rear panel. Replace it with a fuse of the same type and rating (refer to specifications for details). Always disconnect power before replacing the fuse.
- **Inspection:** Periodically inspect all cables, connections, and mounting hardware for any signs of wear or damage.

7. TROUBLESHOOTING

- **No Power:** Check the power cable connection, the power switch, and the fuse. Ensure the power outlet is functional.
- **No Light Output:** Verify the power supply. If using DMX, ensure the DMX signal is present and the fixture's DMX address is correctly set. Check for any error messages on the control panel.
- **Incorrect Movement/Patterns:** In DMX mode, confirm the DMX channel settings on your controller match the fixture's requirements. In automatic or sound-activated modes, try resetting the device or selecting a different program.
- **Overheating:** Ensure adequate ventilation around the fixture. Clear any obstructions from the cooling vents.

8. SPECIFICATIONS

Feature	Detail
Model Number	ZQ02021X4
Light Source Type	Light Emitting Diode (LED)
Light Source Wattage	120 Watts
Voltage	240 Volts (AC)
Amperage	0.5 Amps
Color Temperature	8500 Kelvin
Prism Effect	18-facet circular prism
Gobos	7 rotating Gobos + Spot
Colors	8 colors + Spot with color mixing
DMX Channels	12 DMX channel modes
Control Modes	Automatic, Voice Control, DMX512, Master-Slave, Strobe, Pattern Dithering
Mounting Type	Table Mount
Material	Acrylonitrile Butadiene Styrene (ABS)

Item Dimensions (L x W x H)

22.05"L x 17.13"W x 16.14"H

9. WHAT'S IN THE BOX

Upon opening the package, please verify that all components are present and undamaged.



Image: Contents of the HOLDLAMP 120W LED Moving Head Light package.

- 1 x Light fixture
- 1 x Instruction manual
- 1 x Bow support
- 1 x Power cord
- 2 x Screws

10. WARRANTY AND SUPPORT

This product comes with a manufacturer warranty for 30 days from the date of purchase. For technical support, troubleshooting assistance, or warranty claims, please contact HOLDLAMP customer service through the retailer where the product was purchased.

