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› HOLDLAMP 120W LED Moving Head Light Instruction Manual

HOLDLAMP ZQ02021X2H

HOLDLAMP 120W LED Moving Head Light Instruction Manual

Model: ZQ02021X2H | Brand: HOLDLAMP

1. INTRODUCTION AND OVERVIEW

The HOLDLAMP 120W LED Moving Head Light is a professional stage lighting fixture designed for various applications including clubs, theaters, churches, concert productions, and parties. This product delivers powerful output with versatile effects, including an 18-facet circular prism, rotating gobos, and a wide range of colors. It supports multiple control modes for flexible operation.

This package includes two ZQ02021 Moving Head Lights and a customized flight case for safe transport and storage.



Image 1.1: HOLDLAMP 120W LED Moving Head Lights with Flight Case.



Image 1.2: Key internal components of the moving head light.

2. SAFETY INFORMATION

Please read all safety instructions carefully before operating the device. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- **Electrical Safety:** Ensure the power supply voltage matches the device's requirements (165 Volts). Always connect to a grounded outlet. Disconnect power before cleaning or servicing.
- **Placement:** Maintain a minimum distance of 0.20m from flammable materials to the surface of the light. Ensure adequate ventilation around the unit.
- **Temperature:** The maximum temperature of the external surface can reach 120°C. Avoid direct contact during operation.
- **Handling:** Do not operate the device if the power cord is damaged. Avoid looking directly into the light source.
- **Installation:** Ensure the mounting surface is stable and capable of supporting the weight of the fixture.

3. SETUP

3.1 Unpacking

Carefully remove the moving head lights and flight case from their packaging. Inspect all components for any signs of damage during transit. The flight case and moving head lights are shipped separately.

3.2 Flight Case Assembly and Use

The flight case is designed for safe transport and storage of up to two ZQ02021 Moving Head Lights. It features a premium leather surface, EV cotton lining for corrosion and impact resistance, and is water and dust resistant. It includes 4 solid wheels and comfortable snap-in cushioned handles.



Image 3.1: Flight Case External Dimensions.

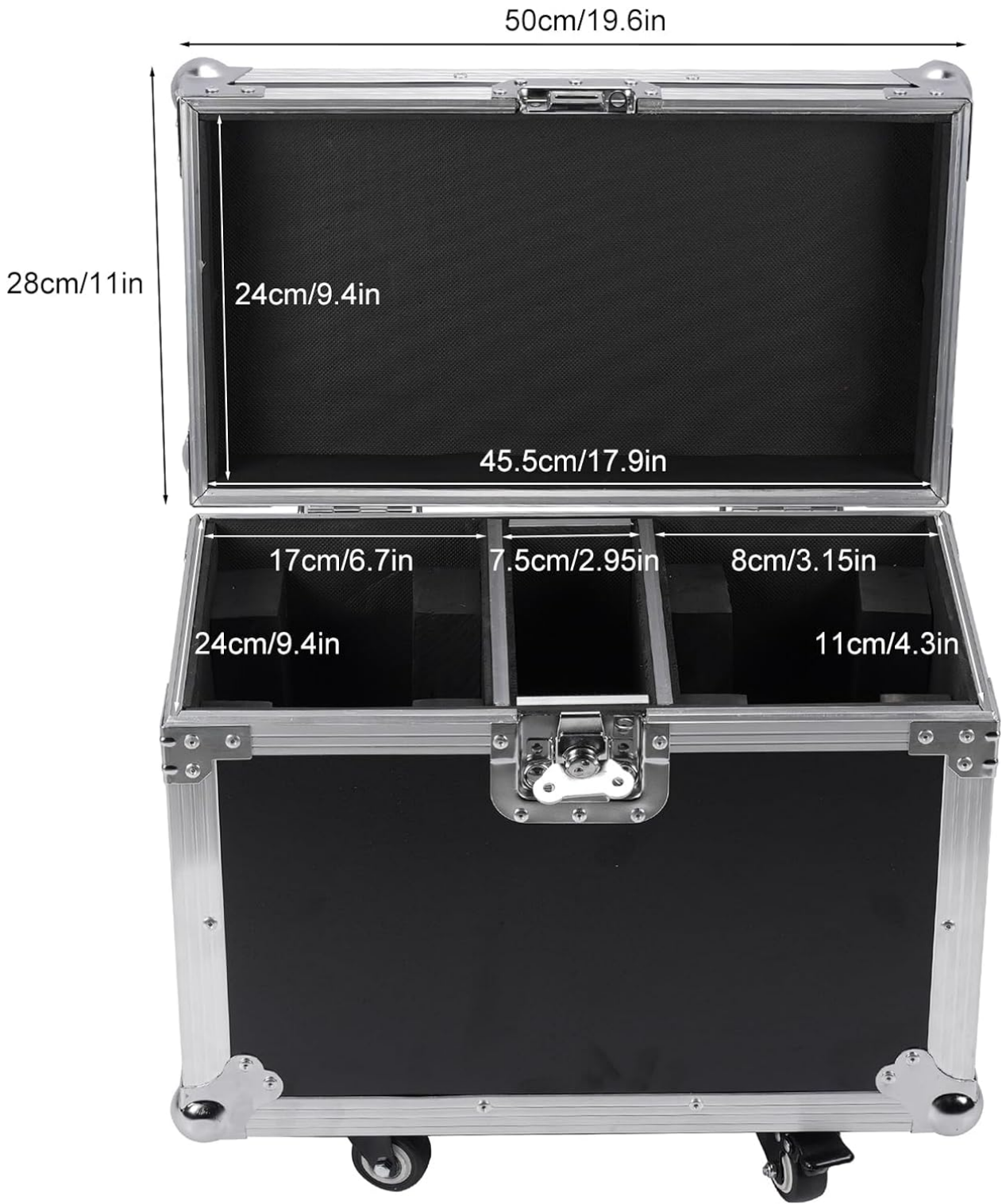


Image 3.2: Flight Case Internal Compartment Dimensions.



Image 3.3: Moving Head Lights Stored in Flight Case.

3.3 Connections

Connect the power cable to the locking power connector on the rear of the unit. For DMX control, connect DMX cables to the 3-pin DMX In/Out ports.



Image 3.4: Control Panel and Connection Ports.

4. OPERATING

4.1 Control Panel

The unit features a 4-button DMX LCD menu for navigation and settings adjustment. Buttons include MENU, UP, DOWN, and ENTER.

4.2 Operating Modes

The light supports various operable modes:

- **Automatic Mode:** Pre-programmed light sequences.
- **Voice Control (Sound Activated):** Light effects respond to ambient sound.
- **DMX512 Mode:** Full control via an external DMX controller. Offers 12 DMX channel modes, Pan/Tilt Inversion, and Fine Pan/Tilt.
- **Master-Slave Mode:** Link multiple units for synchronized operation.
- **Strobe:** Creates rapid flashing effects.
- **Pattern Dithering:** Varies patterns for dynamic displays.

4.3 Light Effects

The 120W LED Moving Head Light provides impressive visual effects:

- **Light Source:** 120W LED, delivering 5,000+ Lumens.
- **Prism Effects:** Features an 18-facet circular prism for multi-beam effects.
- **Gobos:** Includes 7 rotating Gobos + Spot for various pattern projections.
- **Colors:** 8 colors + spot with color mixing capabilities.



Image 4.1: Examples of Gobo and Prism Effects.

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Video 4.1: Demonstration of HOLDLAMP Moving Head Light features, including color mixing, 18-facet prism, and gobo effects.

5. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your moving head light.

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the unit. For the optical lens, use a specialized lens cleaning solution and cloth to avoid scratches. Ensure the unit is powered off and cooled down before cleaning.
- **Storage:** When not in use, store the moving head lights in the provided flight case to protect them from dust, moisture, and physical damage.

- **Inspection:** Periodically check power cables, DMX cables, and all connections for wear or damage.

6. TROUBLESHOOTING

If you encounter issues with your HOLDLAMP Moving Head Light, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No Power	Power cable disconnected, faulty outlet, blown fuse.	Check power connections. Test the outlet. Inspect and replace fuse if necessary.
No Light Output	Light source issue, incorrect mode, DMX signal problem.	Ensure unit is in an active mode. Check DMX connections and settings if in DMX mode.
No Movement	Motor issue, DMX signal problem, Pan/Tilt inversion.	Verify DMX signal. Check Pan/Tilt inversion settings in DMX menu.
Light Flickering	Unstable power supply, loose connection.	Ensure stable power. Check all cable connections.

7. SPECIFICATIONS

Feature	Specification
Model Number	ZQ02021X2H
Light Source Type	Light Emitting Diode (LED)
Maximum Compatible Light Source Wattage	120 Watts
Brightness	5000 Lumens
Voltage	165 Volts
Amperage	0.5 Amps
Color Temperature	8500 Kelvin
Beam Angle	3 Degrees
Product Dimensions (Light)	16.93"L x 16.14"W x 15.35"H
Item Weight (Light)	5 pounds
Material	Acrylonitrile Butadiene Styrene (ABS)
Bulb Features	Translucent light bead, dazzling color, 18-prism effect, temperature-controlled silent heat dissipation system
Mounting Type	Surface mount
Country of Origin	China



Image 7.1: Moving Head Light Dimensions and Movement Range.

8. WARRANTY AND SUPPORT

For product support, please contact HOLDLAMP customer service. Information regarding specific warranty terms and conditions may be available through your point of purchase or the official HOLDLAMP website. This product typically includes a 30-day return policy. Extended protection plans may be available for purchase separately.