XPCLEOYZ 60W LED

XPCLEOYZ 60W LED Moving Head Light Instruction Manual

Model: 60W LED

Introduction Safety Setup Operation Maintenance Troubleshooting Specifications Support

1. Introduction

Thank you for purchasing the XPCLEOYZ 60W LED Moving Head Light. This professional stage lighting fixture is designed for various applications, including DJ events, dance halls, KTV, parties, home decoration, and weddings. It features a powerful 60W LED light source, 8 gobos, 8 colors, and multiple control modes to create dynamic lighting effects. This manual provides essential information for the safe and efficient operation of your new lighting fixture.

Please read this manual thoroughly before installation and operation, and retain it for future reference.

2. Safety Information

To ensure safe operation, please observe the following precautions:

- This device is for indoor use only. Do not expose it to rain or moisture.
- Ensure the power supply voltage matches the specified voltage (AC 100-240V/50-60Hz) before connecting.
- Always disconnect from the main power supply before performing any service or maintenance.
- Do not operate the device if the power cord is damaged.
- Avoid direct eye exposure to the light source.
- Ensure adequate ventilation around the fixture to prevent overheating. Maintain a minimum distance of 0.5 meters from flammable materials.
- Installation should be performed by qualified personnel.
- Do not attempt to repair the device yourself. Refer all servicing to qualified service personnel.

3. Setup and Installation

The XPCLEOYZ 60W LED Moving Head Light can be installed in various positions: hanging on a truss, mounted on a wall, or placed on the ground. Always ensure the mounting surface or structure can support the weight of the fixture(s) and any additional equipment.

3.1 Unpacking

Carefully unpack the fixture and check for any damage during transit. The package should include:

- XPCLEOYZ 60W LED Moving Head Light (2 units)
- Installation Gadgets (2 sets)
- Screws (4 units)
- Instruction Manual (2 units)

3.2 Mounting

Use the provided mounting bracket and screws to secure the fixture. When hanging, always use a safety cable as an additional safety measure.



Figure 3.2.1: Rear Panel Connections. This image displays the rear panel of the moving head light, highlighting the DMX IN and DMX OUT ports, the power input, the fuse holder, and the ON/OFF power switch. This view is crucial for understanding how to connect the light to power and DMX controllers.

3.3 Power Connection

Connect the power cable to the power input on the rear of the fixture. Ensure the power switch is in the OFF position before connecting to a power outlet. Use a grounded power outlet.

3.4 DMX Connection (Optional)

For DMX control, connect a DMX cable from your DMX controller to the DMX IN port of the first fixture. For multiple fixtures, daisy-chain them by connecting the DMX OUT of the first fixture to the DMX IN of the next, and so on. Ensure the last fixture in the chain has a DMX terminator (not included) for stable signal transmission.

4. Operation

The XPCLEOYZ 60W LED Moving Head Light offers four primary control modes: DMX512, Master/Slave, Sound Active,

and Automatic. The LED display on the front panel allows for easy navigation and setting adjustments.

4.1 Control Panel

The control panel features an LED display and several buttons for menu navigation and setting adjustments. Refer to the specific DMX channel chart (usually provided in a separate sheet or appendix) for detailed DMX values and functions.



Figure 4.1.1: Front View with Control Panel. This image shows the front and side of the moving head light, prominently featuring the LED display and control buttons on the base unit. These controls are used to navigate menus and select operating modes.

4.2 Operating Modes

- **DMX512 Mode:** Connect to a DMX controller to access 9 or 11 channels of control, allowing precise manipulation of pan, tilt, color, gobo, dimmer, strobe, and other functions. Set the DMX address for each fixture using the control panel.
- **Master/Slave Mode:** Link multiple fixtures together. Set one fixture as the "Master" and the others as "Slave." The slave units will mimic the master unit's movements and effects. Connect DMX OUT of the master to DMX IN of the first slave, and so on.
- **Sound Active Mode:** The built-in microphone detects sound and music, triggering dynamic light patterns and movements. Adjust sensitivity via the control panel if available.
- **Automatic Mode:** The fixture runs through pre-programmed internal shows and patterns without external control. Various auto programs may be selectable via the control panel.

4.3 Features and Effects

The light features 8 distinct colors (blue, pink, red, pale blue, yellow, green, orange, white) and 8 gobos, allowing for a wide range of visual effects. The pan (540°) and tilt (180°) movements provide extensive coverage.



Figure 4.3.1: Gobo and Color Effects. This composite image illustrates a variety of gobo patterns and color combinations achievable with the moving head light, showcasing its versatility in creating different atmospheric effects.

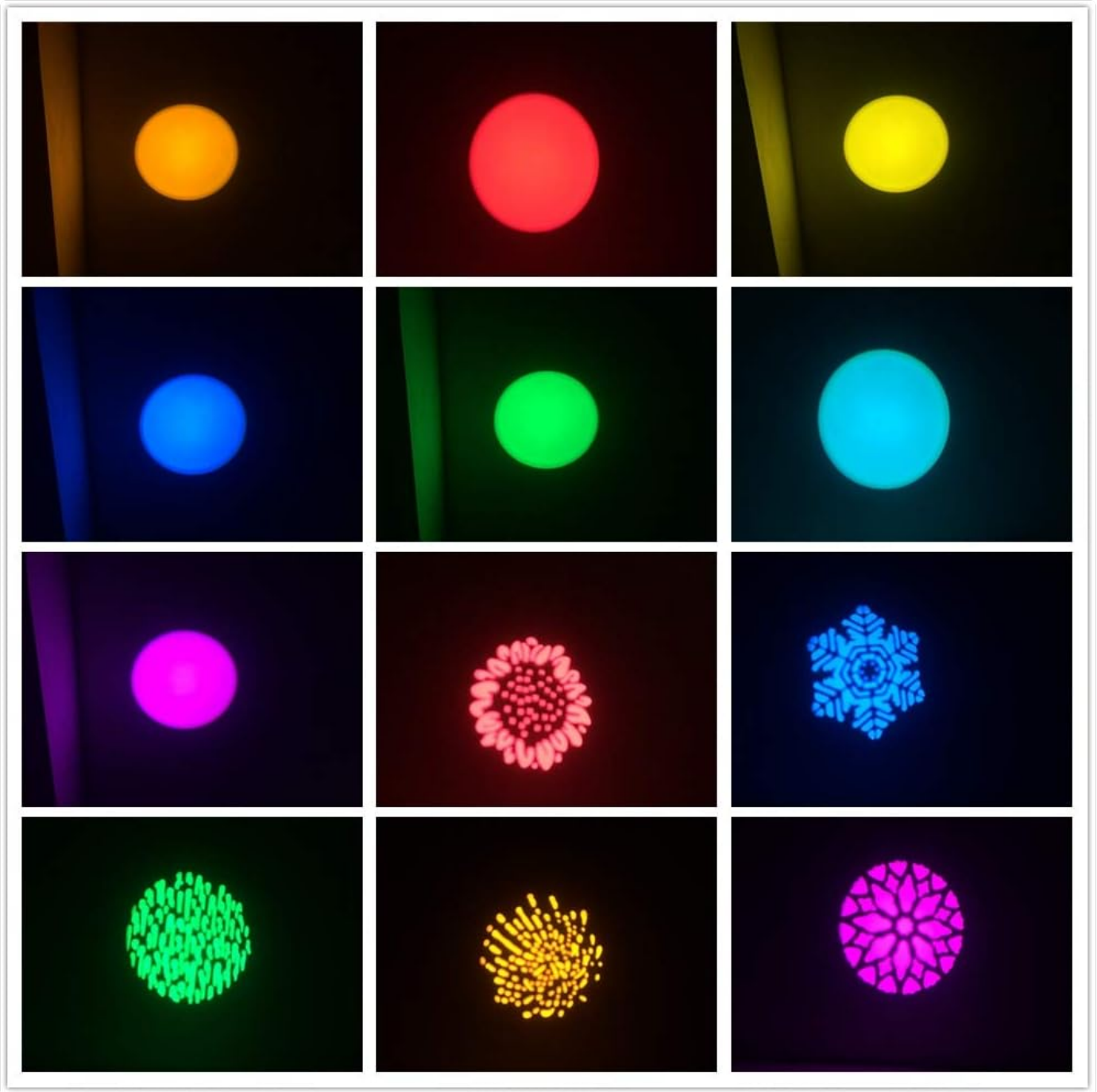


Figure 4.3.2: Additional Light Patterns. This image presents more examples of the light's capabilities, including solid color projections and intricate gobo designs, demonstrating the range of visual output.

5. Maintenance

Regular maintenance ensures optimal performance and extends the lifespan of your XPCLEOYZ 60W LED Moving Head Light.

- **Cleaning:** Periodically clean the lens and housing with a soft, lint-free cloth. For stubborn dirt, use a mild glass cleaner. Ensure the fixture is powered off and cool before cleaning.
- **Inspection:** Regularly inspect power cables, DMX cables, and mounting hardware for any signs of wear, damage, or loose connections. Replace damaged components immediately.
- **Ventilation:** Ensure ventilation openings are clear of dust and debris to prevent overheating.
- **Fuse Replacement:** If the fixture does not power on, check the fuse located near the power input. Replace it with a fuse of the same type and rating (refer to specifications or the fuse holder for details). Always disconnect power

before replacing the fuse.

6. Troubleshooting

If you encounter issues with your XPCLEOYZ 60W LED Moving Head Light, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Fixture does not power on.	No power supply; Power cable damaged; Blown fuse.	Check power connection; Replace power cable; Replace fuse.
No DMX control.	Incorrect DMX address; Faulty DMX cable; No DMX signal; Missing DMX terminator.	Verify DMX address setting; Check DMX cable connections; Ensure DMX controller is active; Add DMX terminator to the last fixture.
Fixture is unresponsive or erratic.	Interference; Overheating; Internal fault.	Check for strong electromagnetic interference; Ensure proper ventilation; Disconnect power, wait, then reconnect. If problem persists, contact support.
Light output is dim or inconsistent.	Dirty lens; LED issue.	Clean the lens; If problem persists, contact support.

If the problem persists after attempting these solutions, please contact XPCLEOYZ customer support for assistance.

7. Specifications

Detailed technical specifications for the XPCLEOYZ 60W LED Moving Head Light:

- **Light Source:** 1 x 60W LED
- **Total Power:** 60W
- **Voltage:** AC 100-240V, 50-60Hz
- **Control Modes:** DMX512, Master/Slave, Sound Active, Automatic
- **DMX Channels:** 9 or 11 Channels
- **Colors:** 8 Colors (blue, pink, red, pale blue, yellow, green, orange, white)
- **Gobos:** 8 Gobo patterns
- **Pan Movement:** 540°
- **Tilt Movement:** 180°
- **Electronic Dimming:** 0-100%
- **Shell Material:** Acrylonitrile Butadiene Styrene (ABS) Plastic
- **Lifetime:** Approximately 100,000 hours
- **Cable Length:** 125 cm (4.10 ft)
- **Product Dimensions (L x W x H):** Approximately 14.5 x 17 x 23.5 cm (5.7 x 6.69 x 9.25 inches)
- **Product Weight:** Approximately 2.67 kg (5.88 lbs)
- **Item Model Number:** 60W LED
- **UPC:** 704505824030

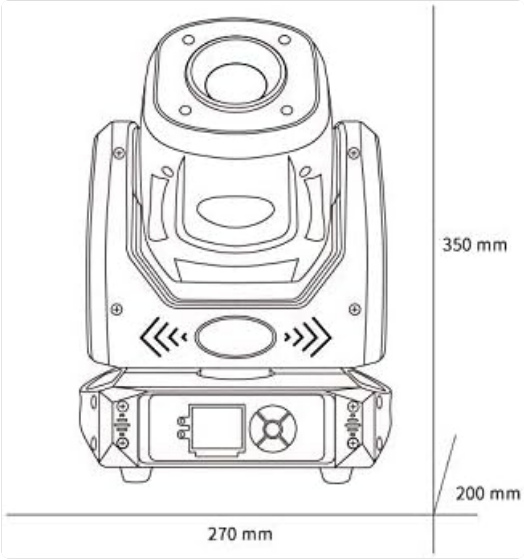


Figure 7.1.1: Product Dimensions. This technical drawing provides precise measurements of the moving head light, indicating its height, width, and the depth of its base in millimeters, which is useful for installation planning.

8. Warranty and Support

For warranty information, technical support, or service inquiries regarding your XPCLEOYZ 60W LED Moving Head Light, please contact the manufacturer or your point of purchase. Keep your purchase receipt as proof of purchase.

XPCLEOYZ is committed to providing quality products and customer satisfaction. For further assistance, please visit the official XPCLEOYZ website or contact their customer service department.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question