

U`King ZQ02061JP

U`King 100W LED Moving Head Light

Model: ZQ02061JP

User Instruction Manual

1. INTRODUCTION

This manual provides essential information for the safe and effective operation of your U`King 100W LED Moving Head Light. Please read this manual thoroughly before installation and use, and retain it for future reference. This fixture is designed for professional stage lighting applications, offering versatile control options including DMX-512, sound activation, automatic programs, and master-slave modes. It features a powerful 100W cool white LED engine, 7 colors, and 7 gobos to create dynamic lighting effects.

2. SAFETY INFORMATION

WARNING: To prevent fire, electric shock, or injury, always follow these safety precautions:

- This device is for indoor use only. Do not expose to rain or moisture.
- Ensure the power supply voltage matches the rated voltage of the fixture.
- Always disconnect from the main power supply before performing any service or maintenance.
- Minimum distance of flammable materials from the surface: 0.5m.
- Maximum external surface temperature: 120°C. Avoid touching the fixture during operation.
- Ensure proper ventilation. Do not block ventilation openings.
- Mount the fixture securely using appropriate hardware.
- Do not look directly into the light source.
- Repairs should only be performed by qualified personnel.

3. PACKAGE CONTENTS

Verify that all components are present and in good condition upon unpacking:

- 1x U`King 100W LED Moving Head Light
- 1x Power Cable
- 1x Omega Bracket
- 2x Screws
- 1x User Manual (this document)

4. PRODUCT OVERVIEW

The U`King 100W LED Moving Head Light is a compact and powerful stage lighting fixture. Below are key components and features:



Figure 4.1: Front view of the U`King 100W LED Moving Head Light, showing the lens and control panel.

This image displays the overall design of the moving head light, highlighting the main lens and the integrated control panel at the base.

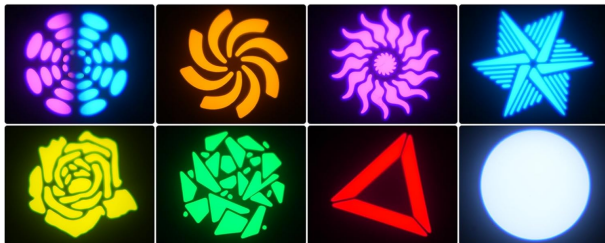
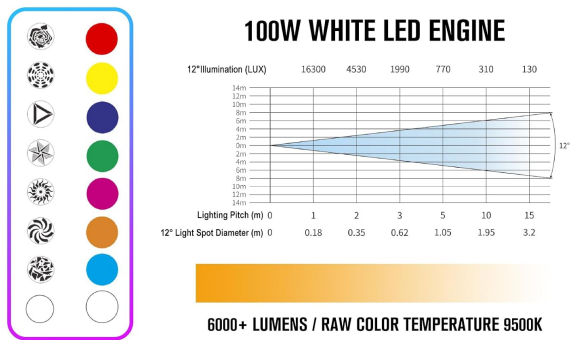


Figure 4.2: Gobo and Color Wheel Effects with Illumination Chart.

This image illustrates the variety of 7 colors and 7 gobos available, along with an illumination chart detailing light intensity (LUX) at various distances and the 12-degree beam angle. The light source is a 100W white LED engine with 6000+ lumens and a 9500K color temperature.

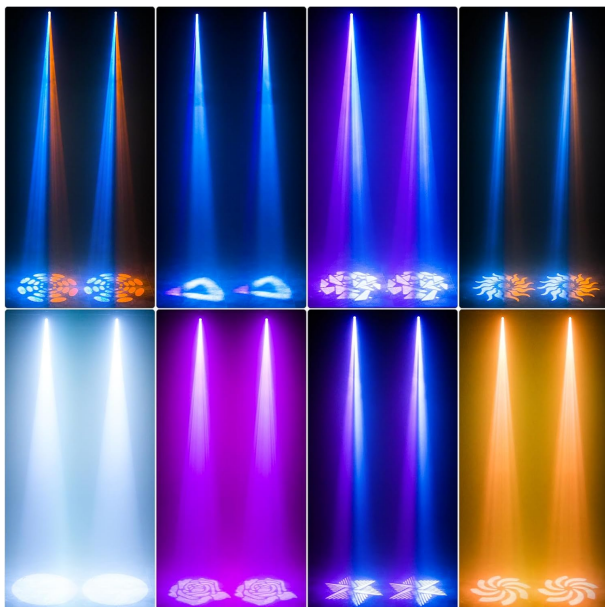


Figure 4.3: Dynamic Beam Wash Light Effects.

This image showcases the diverse beam and wash effects achievable with the moving head light, demonstrating different colors and gobo patterns projected onto a surface.



Figure 4.4: Rear View with Cooling System and Connections.

This view highlights the integrated cooling fan for thermal management, the DMX In/Out ports for control, and the 3-pin power connection. The fixture offers a Pan range of 540° and a Tilt range of 205°.



Figure 4.5: Product Dimensions and Weight.

This image provides the physical dimensions (10.6"L x 7.9"W x 6.1"H) and weight (6.72 lbs / 3.05 kg) of the moving head light, emphasizing its compact and lightweight design.



Figure 4.6: Detailed View of Connectivity Ports.

A close-up of the rear panel, showing the DMX In and DMX Out XLR connectors and the power input with an integrated fuse holder.

5. SETUP

5.1 Mounting

The U'King Moving Head Light can be mounted in various orientations (e.g., ceiling, truss) using the included Omega bracket. Ensure the mounting surface or structure can support the weight of the fixture and any additional equipment. Always use a safety cable (not included) when mounting overhead.

- Attach the Omega bracket to the bottom of the fixture using the provided screws.
- Securely fasten the Omega bracket to a truss or mounting surface.
- Ensure the fixture is stable and cannot vibrate loose.

5.2 Power Connection

Connect the provided power cable to the 'POWER IN' port on the rear of the fixture and then to a suitable power outlet (AC 240V). The fixture uses a standard 3-pin power connection.

5.3 DMX Connection (Optional)

To control the fixture via DMX, connect a DMX controller to the 'DMX IN' port using a 3-pin XLR cable. 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. Terminate the last fixture in the chain with a DMX terminator.

6. OPERATING MODES

The fixture can be operated in several modes, selectable via the 4-button function display on the front panel:

- **DMX-512 Control:** Allows precise control over all functions (Pan, Tilt, Color, Gobo, Dimmer, Strobe) using an external DMX controller.
- **Sound Active Mode:** The fixture reacts to ambient sound, changing patterns and colors in sync with music.
- **Automatic Mode:** The fixture runs through pre-programmed sequences without external input.

- **Master-Slave Mode:** One fixture acts as the 'Master' controlling other 'Slave' fixtures, synchronizing their movements and effects.

6.1 Control Panel

The control panel features a digital display and four buttons: MENU, UP, DOWN, and ENTER. Use these buttons to navigate through settings and select operating modes.

- **MENU:** Cycles through the main menu options.
- **UP:** Increases values or moves up in menu options.
- **DOWN:** Decreases values or moves down in menu options.
- **ENTER:** Confirms selections or enters sub-menus.

7. DMX CONTROL

The U`King Moving Head Light supports DMX-512 protocol, offering 9 or 11 channel modes for comprehensive control. Refer to the specific DMX channel chart (usually provided in a separate DMX manual or appendix) for detailed function assignments for each channel.

7.1 DMX Addressing

Each fixture in a DMX chain requires a unique starting address. Set the DMX address using the control panel. Consult the DMX channel chart to determine the appropriate address range based on the selected channel mode (9 or 11 channels).

8. MAINTENANCE

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

- **Cleaning:** Periodically clean the lens and exterior with a soft, lint-free cloth. Do not use abrasive cleaners or solvents. Ensure the fixture is powered off and cooled down before cleaning.
- **Ventilation:** Keep ventilation openings clear of dust and debris to prevent overheating.
- **Inspection:** Regularly check power cables, DMX cables, and mounting hardware for any signs of wear or damage. Replace damaged components immediately.
- **Fuse Replacement:** If the fixture does not power on, check the fuse located in the power input module. Replace with a fuse of the same type and rating.

9. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Fixture does not power on.	No power, faulty cable, blown fuse.	Check power connection, test cable, replace fuse.
No DMX control.	Incorrect DMX address, faulty DMX cable, no DMX signal, incorrect channel mode.	Verify DMX address, check DMX cables, ensure DMX controller is active, select correct channel mode.

Problem	Possible Cause	Solution
Light output is weak or inconsistent.	Dimmer setting, dirty lens, overheating.	Check dimmer channel, clean lens, ensure proper ventilation.
Fixture resets unexpectedly.	Power fluctuations, internal error.	Ensure stable power supply. If problem persists, contact support.
Fan noise is excessive.	Dust buildup, fan malfunction.	Clean fan and ventilation areas. If noise persists, contact support.

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

10. SPECIFICATIONS

Feature	Specification
Brand	U`King
Model Number	ZQ02061JP
Light Source	100W Cool White LED
Brightness	6000+ Lumens
Color Temperature	9500 Kelvin
Gobo Wheel	7 Gobos + Open
Color Wheel	7 Colors + Open White
Control Modes	DMX-512, Sound Active, Automatic, Master-Slave
DMX Channels	9/11 Channels
Pan Movement	540 Degrees
Tilt Movement	205 Degrees
Dimming	0-100% Electronic Dimming
Strobe	Variable Speed Strobe Effects
Beam Angle	12 Degrees
Power Source	Corded Electric
Voltage	240 Volts (AC)
Maximum Wattage	100 Watts (Light Source), 120 Watts (Total)
Material	Aluminum, ABS
Product Dimensions	10.6"L x 7.9"W x 6.1"H
Item Weight	6.72 lbs (3.05 kg)

Feature	Specification
Connector Type	XLR (DMX)
UPC	728458373766
Date First Available	April 9, 2019

11. WARRANTY AND SUPPORT

U`King products are manufactured to high-quality standards. For warranty information, technical support, or service inquiries, please contact your retailer or the U`King customer service department. Keep your purchase receipt as proof of purchase.

For further assistance, you may visit the [U`King Store on Amazon](#).

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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

