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U`King ZQ02319

U`King 40W LED Moving Head Light RGBW Beam Stage Light Instruction Manual

Model: ZQ02319

1. PRODUCT OVERVIEW

The U`King 40W LED Moving Head Light (Model ZQ02319) is a compact and versatile stage lighting fixture designed for various applications. It features a powerful 40-watt RGBW LED light source capable of producing sharp 3-degree beams with a high Color Rendering Index (CRI) of 90+. Each LED can be controlled independently, allowing for dynamic color mixing and effects. The fixture supports multiple operating modes including DMX, sound activated, and automatic modes, offering flexibility for different event requirements.



Figure 1: Front view of the U'King 40W LED Moving Head Light.

Key Features:

- **Powerful Light Source:** 40W RGBW LED with independent control for each color, producing a sharp 3-degree beam.
- **Long Lifespan:** LED rated for up to 10,000 hours of operation.
- **High CRI:** Color Rendering Index of 90+ for vivid color reproduction.
- **Multiple Operating Modes:** Sound activated, automatic, master-slave, and DMX (13 channels).
- **Dynamic Effects:** 0-100% dimming, strobe effect, pan (540°) and tilt (220°) movement with micro-adjustments, and pan/tilt inversion.
- **Compact and Lightweight:** Weighs only 2.87 pounds, facilitating easy transport and installation.
- **DMX Daisy Chaining:** Equipped with 3-pin DMX In/Out ports for connecting multiple fixtures.
- **User-Friendly Interface:** 4-button internal menu system with LED display for DMX addressing and parameter customization.

2. WHAT'S IN THE BOX

Please check the contents of your package upon receipt to ensure all items are present and undamaged.

- U'King 40W LED Moving Head Light Fixture
- Power Cable
- Omega Bracket with mounting screws
- Instruction Manual



Figure 2: Rear view of the light fixture, showing power input and DMX In/Out ports.



Figure 3: Dimensions of the U'King 40W LED Moving Head Light.

3. SETUP INSTRUCTIONS

Before operating the fixture, ensure it is securely mounted and all connections are properly made.

Mounting the Fixture:

1. Locate the two screws at the bottom of the fixture. Unscrew and remove them.
2. Attach the provided Omega bracket to the bottom of the fixture using the removed screws. Ensure the bracket is securely fastened.
3. The Omega bracket allows for mounting to a truss or ceiling using appropriate clamps (not included). Always ensure

the mounting surface can support the weight of the fixture and any additional equipment.

Your browser does not support the video tag.

Video 1: This video demonstrates the various lighting effects and features of the U`King 40W LED Moving Head Light, including color changes, beam movements, and operational modes. It also shows the physical setup and menu navigation.

Power Connection:

Connect the provided power cable to the 'POWER' input on the rear of the fixture and then to a suitable power outlet (100-240V).

DMX Connection (Optional):

For DMX control, connect a DMX controller to the 'DMX IN' port using a 3-pin DMX cable. To daisy-chain multiple fixtures, connect the 'DMX OUT' of the first fixture to the 'DMX IN' of the next, and so on.

4. OPERATING MODES

The U`King 40W LED Moving Head Light offers several operating modes, selectable via the 4-button LED display on the base of the fixture.



Figure 4: LED display and control buttons for mode selection.

Navigating the Menu:

- Use the **MENU** button to cycle through the main menu options.
- Use the **UP** and **DOWN** buttons to adjust values or select sub-options.
- Press **ENTER** to confirm your selection or save changes.

Available Modes:

- **DMX Mode (CH13):** Allows external control of the fixture's functions (colors, movement, strobe, dimming) via a DMX controller. Set the DMX address (e.g., 'd001') and select the 13-channel mode ('CH13') using the menu.
- **Automatic Mode (AU01/AU02):** The fixture runs through pre-programmed light shows. 'AU01' typically refers to a quick auto mode, while 'AU02' is a slower auto mode.
- **Sound Activated Mode (Sn0F):** The light reacts to ambient sound or music, changing patterns and colors in sync with the beat. Adjust sound sensitivity ('S.90' to 'S.99') via the menu.
- **Master-Slave Mode:** Connect multiple fixtures via DMX cables. Set one fixture as the 'Master' (e.g., in Auto or

Sound Activated mode) and the others as 'Slave' units. The slave units will mirror the master's operation.



Figure 5: The light fixture operating in sound-activated mode, synchronizing with music.

5. MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your U`King 40W LED Moving Head Light.

- **Cleaning:** Periodically clean the lens and exterior casing with a soft, lint-free cloth. For stubborn dirt, use a mild cleaning solution and ensure no liquid enters the fixture.
- **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 the fixture's ventilation openings are clear of dust and debris to prevent overheating. Do not block airflow.

- **Storage:** When not in use, store the fixture in a dry, dust-free environment, preferably in its original packaging or a protective case.

6. TROUBLESHOOTING

If you encounter issues with your U`King 40W LED Moving Head Light, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Fixture does not power on.	No power supply; faulty cable; internal fuse blown.	Check power connection; test with another cable; consult qualified technician.
No DMX control.	Incorrect DMX address; faulty DMX cable; DMX controller issue; incorrect mode.	Verify DMX address and channel mode; check DMX cable connections; ensure DMX controller is functioning; set fixture to DMX mode.
Light output is dim or inconsistent.	Dust on lens; overheating; LED issue.	Clean the lens; ensure proper ventilation; contact support if issue persists.
Movement is erratic or non-responsive.	Motor calibration issue; DMX signal interference; physical obstruction.	Restart fixture; check DMX connections; ensure no physical obstructions; consult manual for motor calibration if available.

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

7. SPECIFICATIONS

Feature	Specification
Model Number	ZQ02319X6
Light Source Type	Light Emitting Diode (LED)
Light Source Wattage	40 Watts
Color	RGBW (Red, Green, Blue, White)
Beam Angle	3 degrees
Pan Movement	540°
Tilt Movement	220°
Operating Modes	Sound Activated, Automatic, DMX, Master-Slave
DMX Channels	13 Channels
Dimming	0-100% linear dimming
Strobe Effect	Yes

Feature	Specification
Power Source	Corded Electric (100-240V)
Material	Acrylonitrile Butadiene Styrene (ABS)
Item Dimensions (L x W x H)	5.31" x 4.72" x 7.28"
Weight	Approximately 2.87 pounds

8. WARRANTY AND SUPPORT

The U`King 40W LED Moving Head Light comes with a **180-day warranty** from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use. Please retain your proof of purchase for warranty claims.

For technical support, warranty inquiries, or replacement parts, please contact U`King customer service through the retailer where the product was purchased or visit the official U`King website for contact information.

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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

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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

