

U`King ZQ02096EU

UKing 150W RGBW Moving Head Lyre Lamp User Manual

Brand: U`King | Model: ZQ02096EU

1. INTRODUCTION

Thank you for purchasing the UKing 150W RGBW Moving Head Lyre Lamp. This professional stage lighting fixture is designed to create dynamic and vibrant lighting effects for various events, including parties, bars, KTVs, and stages. Featuring 12 high-power LED beads, RGBW color mixing, and versatile control modes, this lamp offers exceptional performance and flexibility.

Key Features:

- **Unique 12-Beam Design:** 12 individual 10W LED beads positioned for distinct, bright beams.
- **Infinite Rotation:** Horizontal (X-axis) 540-degree rotation and infinite vertical (Y-axis) rotation with adjustable speed.
- **Multiple Lighting Effects:** RGBW 4-in-1 LED beads for single color and mixed color beams, adjustable flash mode, and brightness.
- **Four Control Modes:** Automatic, Master-Slave, Sound-Activated, and DMX512 for comprehensive control.
- **Wide Application:** Ideal for home parties, small stages, dance halls, KTVs, bars, weddings, discos, and holiday events.

2. SAFETY INSTRUCTIONS

Please read these safety instructions carefully before operating the device. Failure to comply may result in injury or damage to the product.

- **Electrical Safety:** Ensure the power supply voltage matches the device's requirements (110-220V). Always disconnect power before cleaning or servicing.
- **Ventilation:** Do not block ventilation openings. Ensure adequate airflow around the unit to prevent overheating. The device has a built-in fan for heat dissipation.
- **Indoor Use Only:** This product is designed for indoor use. Do not expose it to rain, moisture, or extreme temperatures.
- **Installation:** Install the device securely using the provided hangers and screws. Ensure it is mounted on a stable surface or structure capable of supporting its weight.
- **Eye Protection:** Avoid direct eye exposure to the light beam, as it can be harmful.

- **Maintenance:** Refer to the maintenance section for cleaning and care. Do not attempt to repair the device yourself; contact qualified personnel.

3. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

1. 1 x Moving Head Light
2. 1 x Power Cord
3. 2 x Screws
4. 2 x Bracket
5. 1 x User Manual

Packing list:

- 1 1 x Moving head light
- 2 1 x Power cord
- 3 2 x Screws
- 4 2 x Bracket
- 5 1 x Manual



Figure 3.1: Contents included in the product package.

4. PRODUCT OVERVIEW

Familiarize yourself with the main components and controls of your moving head light.

Control Panel and Connections:

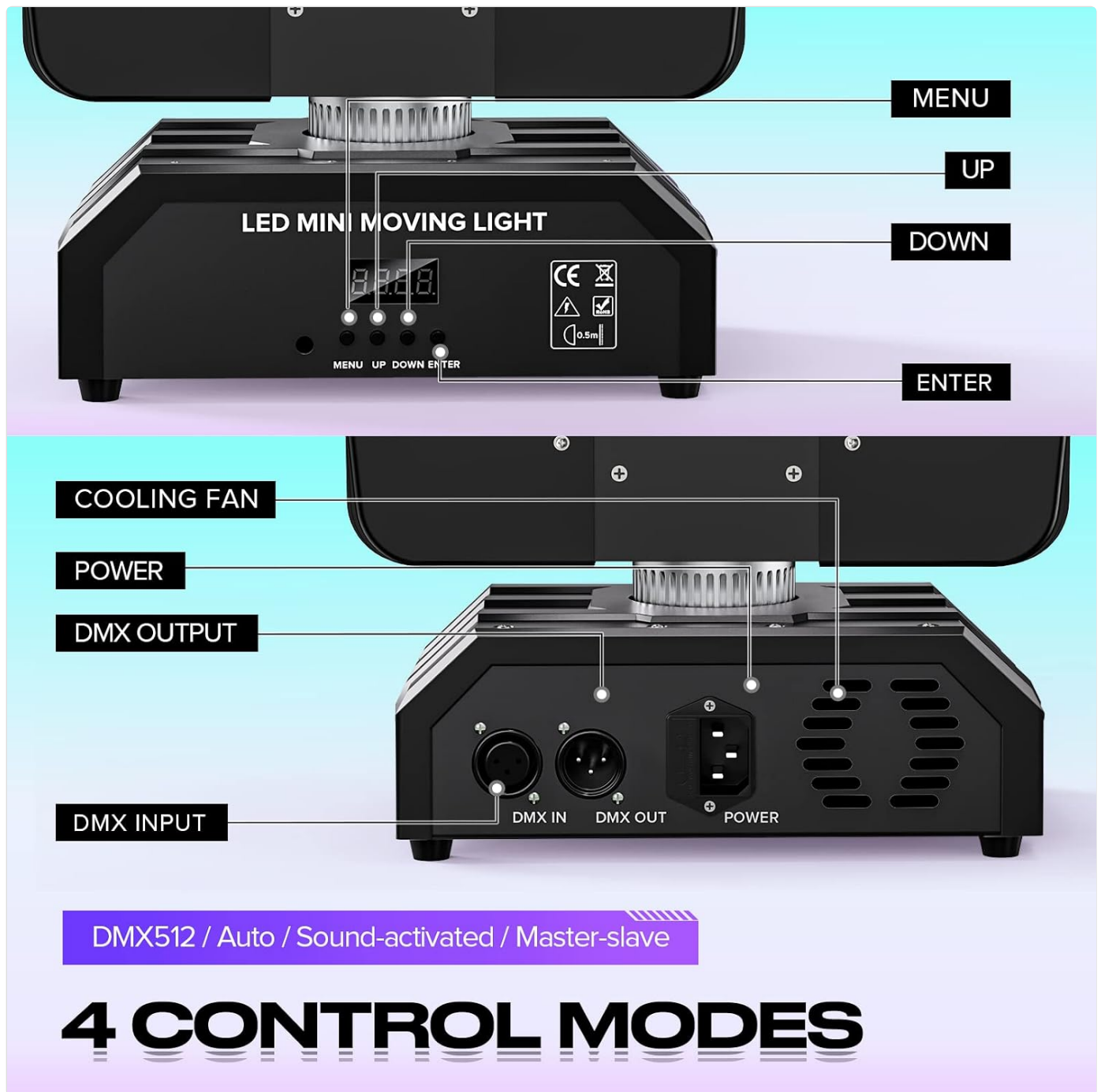


Figure 4.1: Front and rear view of the control panel and connections.

Digital Display: Shows current mode, DMX address, or settings.

MENU Button: Navigates through menu options.

UP/DOWN Buttons: Adjust values or select options.

ENTER Button: Confirms selection.

Cooling Fan: Ensures proper heat dissipation during operation.

Power Input: Connects to the main power supply.

DMX IN/OUT: For connecting to a DMX controller or other DMX-compatible fixtures.

Movement Capabilities:

X: 540°

Y: Infinite rotation



High brightness



12-hole beam



Infinite rotation



RGBW effect



Sound-activated



Figure 4.2: X-axis (Pan) and Y-axis (Tilt) movement range.

The fixture features a highly flexible moving head, allowing for a 540-degree horizontal (Pan) rotation and continuous, infinite vertical (Tilt) rotation. The speed of these movements can be adjusted to suit your lighting design needs.

5. SETUP AND INSTALLATION

Follow these steps to set up your moving head light:

1. **Unpacking:** Carefully remove the fixture and all accessories from the packaging. Inspect for any signs of damage during transit.
2. **Mounting:**
 - Attach the provided brackets to the bottom of the fixture using the screws.
 - Securely mount the fixture to a truss, ceiling, or stable surface using appropriate clamps (not included) or by directly screwing the brackets to a sturdy structure. Ensure the mounting point can safely support the fixture's weight (4.09 kg).

- Always use a safety cable (not included) when suspending the fixture overhead.
- 3. **Power Connection:** Connect the power cord to the "POWER" input on the rear panel of the fixture, then plug it into a compatible power outlet (110-220V).
- 4. **DMX Connection (Optional):** If using DMX control, connect a DMX cable from your DMX controller's output to the "DMX IN" port on the fixture. For multiple fixtures, daisy-chain them by connecting the "DMX OUT" of the first fixture to the "DMX IN" of the next.

6. OPERATING INSTRUCTIONS

The UKing Moving Head Light offers four primary control modes:

6.1 Control Panel Operation:

Use the MENU, UP, DOWN, and ENTER buttons on the front panel to navigate and select operating modes and settings.

6.2 Operating Modes:

- **Automatic Mode:** The fixture will cycle through pre-programmed light shows and patterns. This mode is ideal for quick setup without external control.
- **Sound-Activated Mode:** The built-in microphone detects music or sound, and the light effects will synchronize with the beat. Adjust sensitivity if needed via the menu.
- **Master-Slave Mode:** Connect multiple fixtures via DMX cables. Set one fixture as "Master" and others as "Slave." The slave units will mimic the master's movements and effects, creating a synchronized light show.
- **DMX512 Control Mode:** For professional control, connect the fixture to a DMX controller. The fixture supports 13CH or 15CH DMX channels. Refer to the DMX channel chart in the full manual (if provided separately) for detailed control parameters (Pan, Tilt, Color, Strobe, Dimmer, etc.). Set the DMX address for each fixture via the control panel.

6.3 Lighting Effects and Beam Characteristics:



Figure 6.1: Examples of RGBW color mixing and beam effects.

The 12 LED beads can produce a wide range of colors by mixing Red, Green, Blue, and White (RGBW). The fixture also features a strobe effect with adjustable speed and dimming capabilities to control brightness.

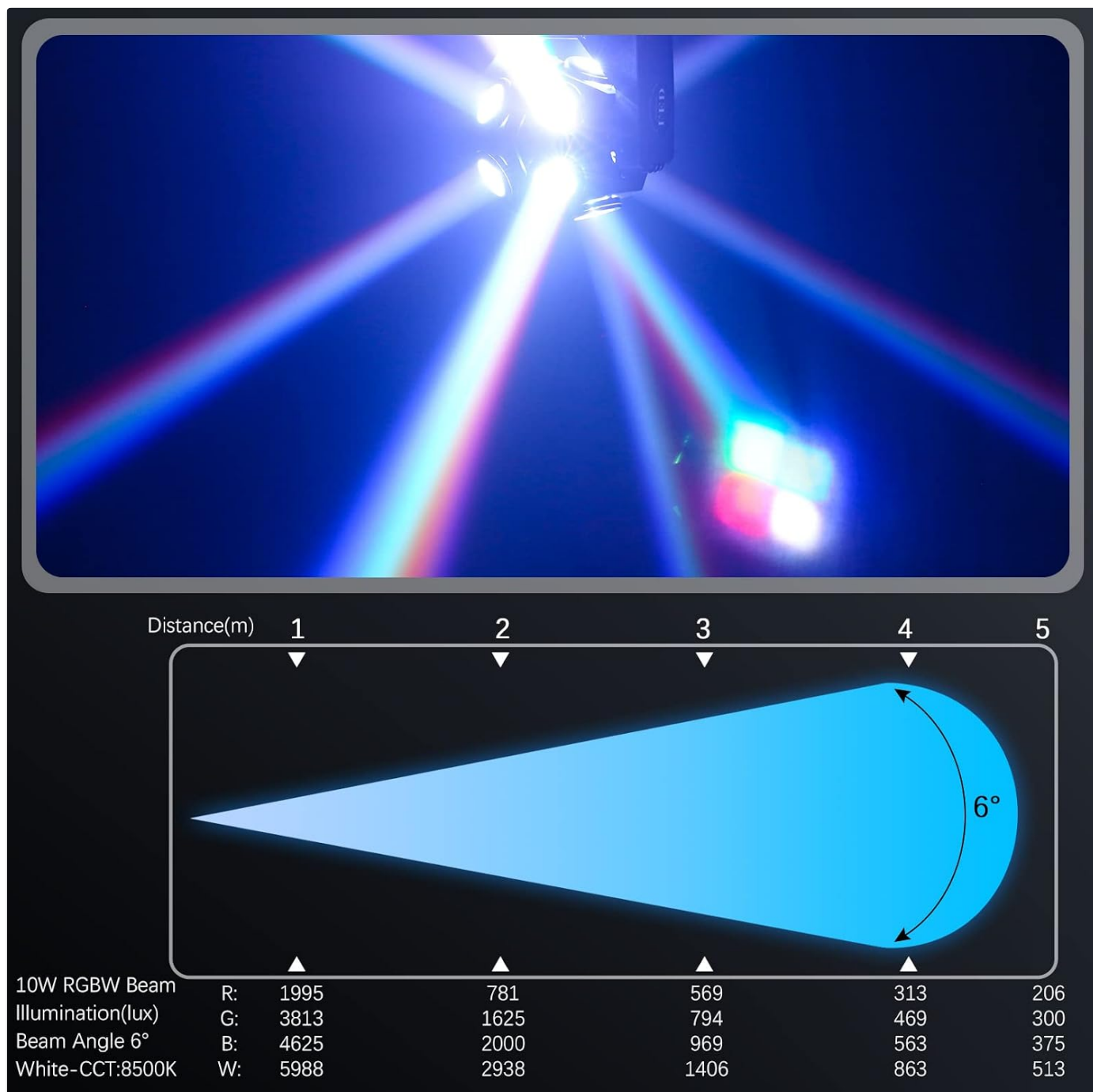


Figure 6.2: Beam illumination and angle characteristics.

Each 10W LED bead produces a bright beam with an approximate 6-degree beam angle, providing focused and impactful lighting. The diagram above illustrates the illumination intensity at different distances.

7. MAINTENANCE

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

- **Cleaning:**

- Before cleaning, always disconnect the power supply.
- Use a soft, lint-free cloth to wipe the exterior of the fixture.
- For lenses, use a soft cloth and a mild glass cleaner. Do not use abrasive materials or solvents.
- Periodically clean the cooling fan vents to prevent dust buildup, which can impede airflow.

- **Storage:** When not in use for extended periods, store the fixture in a dry, dust-free environment, preferably in its

original packaging or a protective case.

- **Inspection:** Periodically check all cables, connections, and mounting hardware for wear or damage. Replace any damaged components immediately.

8. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
No power / Unit does not turn on.	Power cord not connected; Power outlet faulty; Fuse blown.	Ensure power cord is securely plugged in; Test the power outlet with another device; Check and replace fuse if necessary (refer to qualified technician).
No light output.	Incorrect operating mode selected; DMX signal issue; Dimmer channel set to 0.	Switch to Auto or Sound-Activated mode; Check DMX cable connections and controller settings; Adjust dimmer channel on DMX controller.
Fixture not moving / Incorrect movement.	Movement channels set to 0; Obstruction; DMX address conflict.	Adjust Pan/Tilt channels on DMX controller; Check for physical obstructions; Verify unique DMX addresses for each fixture.
Sound-activated mode not working.	No sound input; Microphone sensitivity too low.	Ensure music/sound is present; Adjust microphone sensitivity via the control panel menu.

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

9. SPECIFICATIONS

Detailed technical specifications for the UKing 150W RGBW Moving Head Lyre Lamp:

Brand	U`King
Model Number	ZQ02096EU
Power Consumption	150 W
Input Voltage	110 ~ 220 V
LED Bead Power	10 W/PCS
Number of LED Beads	12
Light Effect	Beam, RGBW (Red, Green, Blue, White), Mixed Color
Control Channels	13CH / 15CH
Lifespan	20000 Hours
Operating Modes	Sound-activated, Auto-propelled, Master-Slave, DMX512
X-axis Scan Angle	540 Degrees

Y-axis Scan Angle	Continuous Rotation (Infinite)
Operating Temperature	110°C
Heat Dissipation	Built-in Fan
Material	Plastic + Iron + Aluminum
Dimensions (L x W x H)	27 x 17 x 34.5 cm
Weight	4.09 kg
Certification	CE

Energy Efficiency Information:

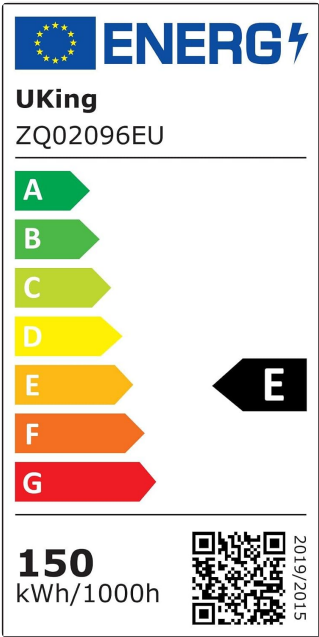


Figure 9.1: Energy Efficiency Label.

For more detailed energy information, please visit the official EPREL database:[EPREL Product Page](#)

10. WARRANTY AND SUPPORT

U`King is committed to providing high-quality products. For any questions, technical support, or warranty inquiries regarding your U`King 150W RGBW Moving Head Lyre Lamp, please contact U`King customer service through your purchase platform or the official U`King website. Please have your model number (ZQ02096EU) and purchase details ready when contacting support.

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