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> U`King 150W Moving Head Light User Manual

U`King ZQ02241

U`King 150W Moving Head Light User Manual

Model: ZQ02241 | Brand: U`King

1. INTRODUCTION AND SAFETY INFORMATION

Thank you for purchasing the U`King 150W Moving Head Light. This manual provides essential information for the safe and effective operation of your new lighting fixture. Please read this manual thoroughly before installation and use, and retain it for future reference.

Important Safety Precautions:

- Always connect the fixture to a grounded circuit to avoid the risk of electrocution.
- Ensure proper ventilation around the unit. Do not block ventilation openings.
- Do not operate the fixture in wet or damp conditions. This product is designed for indoor use only.
- Avoid direct eye exposure to the light source. The intense light can cause eye damage.
- Disconnect from power before cleaning or performing any maintenance.
- Only qualified personnel should perform repairs.



A detailed view of the U'King 150W Moving Head Light, showcasing its compact design and control panel.

2. PRODUCT FEATURES AND OVERVIEW

The U`King 150W Moving Head Light is engineered for professional-grade stage and event lighting, offering a rich variety of effects and robust performance.

Key Features:

- **Outstanding Illumination Precision:** Features a narrow 2° lighting angle with a 120W LED lamp and 30 0.5W small beads for precise and defined illumination.
- **Professional-Grade Color Rendering:** 9000K color temperature and Ra≥90 ensure exceptional color accuracy. Includes a 13+1 color plate and 15+1 Gobos (4 Glass, 11 Metal).
- **Incredible Brightness and Longevity:** Delivers 56000Lux@5meters with a lifespan of 10000 hours.
- **Precise Control and Versatility:** 16 channels with Automatic, Sound-activated, Master-slave, and DMX control modes. Fine-tuning precision of 0.008° on X-axis and 0.004° on Y-axis.
- **Dynamic Movement and Visual Effects:** X-axis: 540°, Y-axis: 270°, combined with a 1 x 8 Mirror and 1-12Hz strobe functionality.
- **Robust Construction:** Crafted with aluminum alloy and durable plastic housing for professional use.
- **Versatile Connectivity:** Three core XLR input/output for seamless compatibility.
- **User-Friendly Display:** Model 0802 blue screen display for easy setup and adjustments.

OURS

150W Moving Head Light



30PCS * 0.5W RGB 3 in 1 Lamp Beads

VS

OTHERS



Common Lamp Head

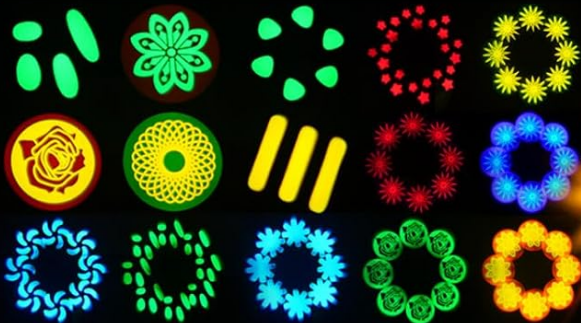


Customized Flight Case

VS



Poor Cardboard Box



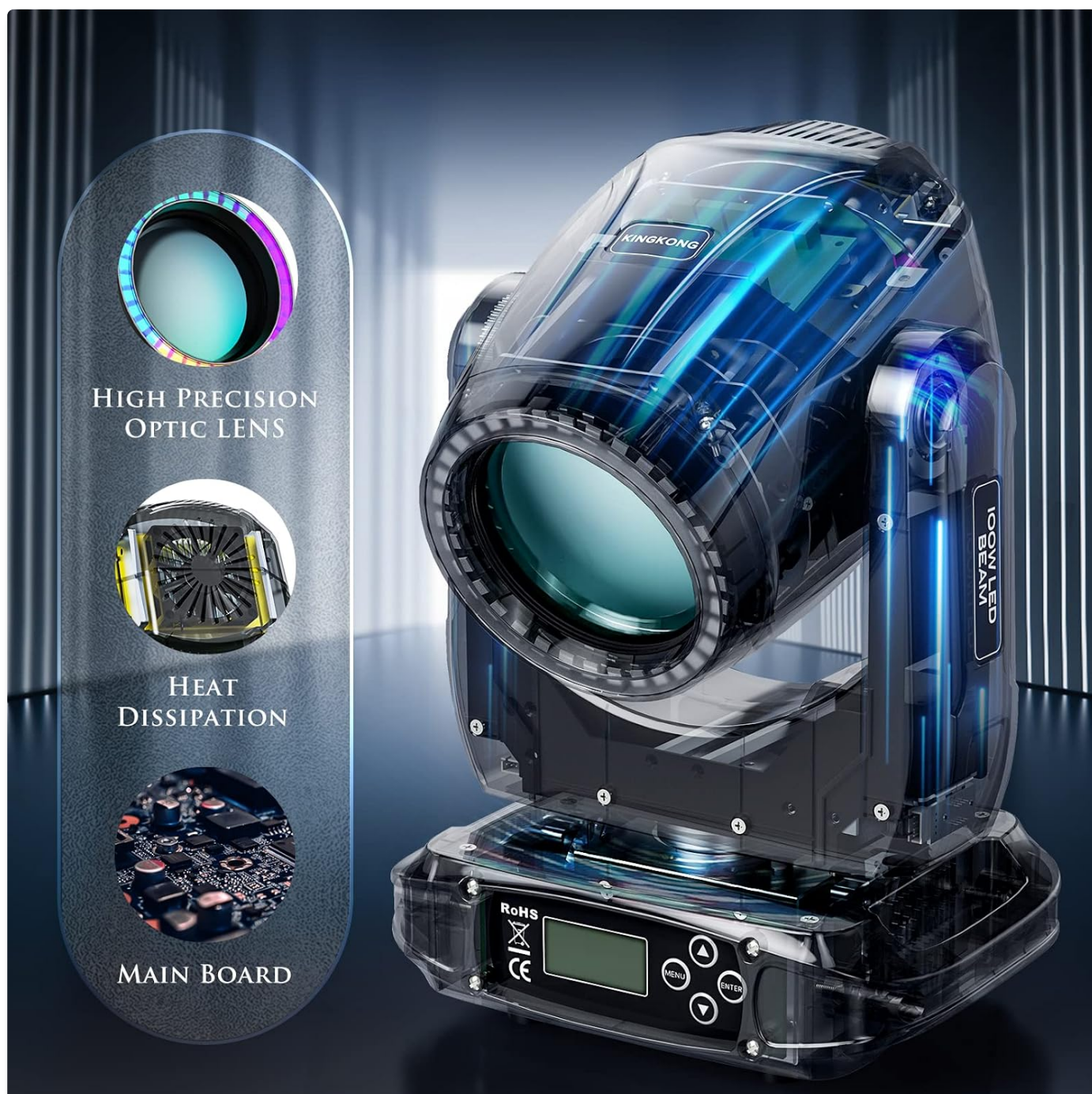
16 Channels 13 Colors 16 Patterns

VS



12 Channels 8 Colors 8 Patterns

This image highlights key advantages of the U'King light, including its 30PCS 0.5W RGB 3-in-1 lamp beads, customized flight case option, and advanced 16 channels, 13 colors, and 16 patterns, contrasting them with common lamp heads, poor cardboard packaging, and limited channel/color/pattern options of other products.



An X-ray style view revealing the sophisticated internal engineering of the light, emphasizing the high-precision optic lens for clear projections, the efficient heat dissipation system for longevity, and the robust main board for reliable operation.



This graphic illustrates the narrow 2-degree light angle for precise beams and lists key performance metrics such as color temperature, illumination intensity, and expected lifespan, demonstrating the light's powerful output and durability.



The image provides the physical dimensions (16.1 inches height, 11 inches width, 11.8 inches depth) and showcases the intricate designs of the Gobo wheel (with various patterns) and the Color wheel (with 13 distinct colors), along with a prism effect.



A collage of nine images demonstrating the diverse visual effects achievable, including various Gobo shapes projected in different colors and vibrant color beams.

3. SETUP AND INSTALLATION

Proper setup is crucial for the safe and effective operation of your moving head light.

Unpacking:

- Carefully remove the fixture from its packaging.
- Inspect the unit for any damage that may have occurred during transit. If damage is found, contact your supplier immediately.
- Ensure all components listed in the packing list are present.

Mounting:

- The fixture can be mounted in various positions (truss, ceiling, or floor) using appropriate clamps or stands.
- Always use a safety cable when mounting the fixture overhead to prevent accidental falls.
- Ensure the mounting surface or structure can support the weight of the fixture.

Power Connection:

- Connect the power cable to a suitable grounded power outlet. Refer to the specifications for voltage requirements.
- Ensure the power switch is in the OFF position before connecting to power.

DMX Connection (Optional):

- For DMX control, connect a standard 3-pin XLR DMX cable from your DMX controller 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.

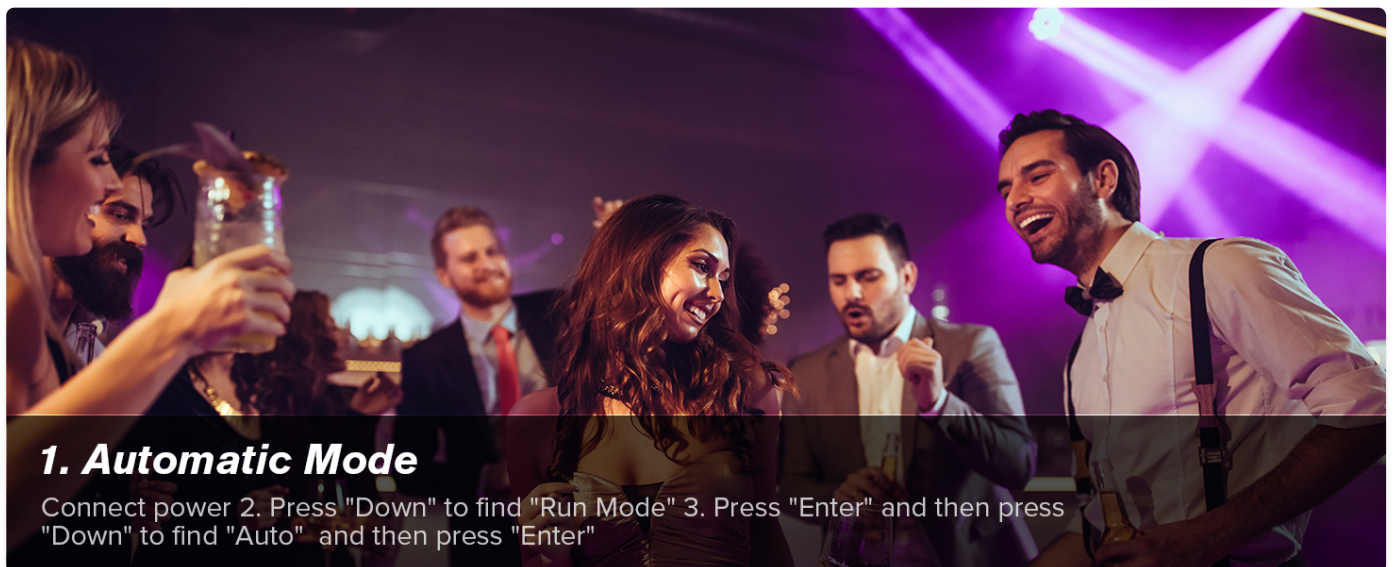
4. OPERATING MODES

The U`King Moving Head Light offers several operating modes to suit various applications. Use the control panel and blue screen display to navigate and select modes.

4.1 Automatic Mode

In Automatic Mode, the light will cycle through pre-programmed patterns and colors without external input.

1. Connect power to the light.
2. Press the "Down" button on the control panel to navigate to "Run Mode".
3. Press "Enter".
4. Press "Down" again to find "Auto".
5. Press "Enter" to confirm and activate Automatic Mode.

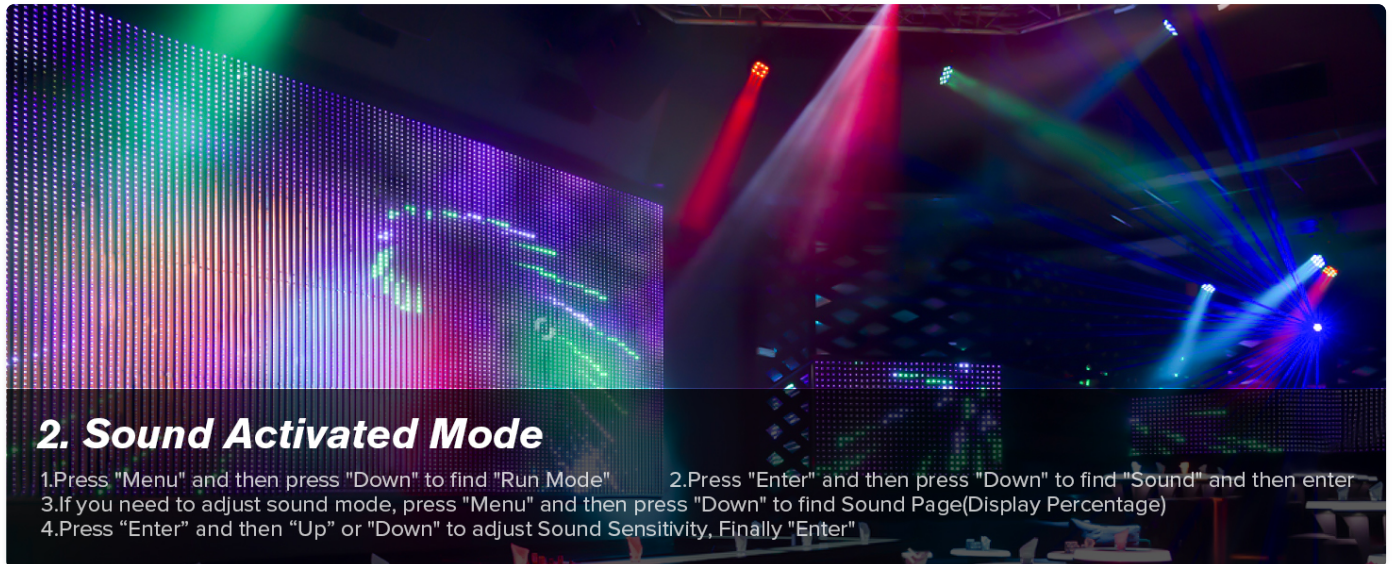


An image showing people dancing at a party, overlaid with text instructions for activating the automatic mode.

4.2 Sound Activated Mode

In Sound Activated Mode, the light's patterns and movements will react to ambient sound or music.

1. Press the "Menu" button, then press "Down" to find "Run Mode".
2. Press "Enter".
3. Press "Down" to find "Sound" and then press "Enter".
4. To adjust sound sensitivity: Press "Menu" again, then "Down" to find "Sound Page" (this will display a percentage).
5. Press "Enter", then use "Up" or "Down" to adjust the sensitivity level.
6. Finally, press "Enter" to confirm.



An image of a stage with a large LED screen, overlaid with text instructions for activating the sound-activated mode.

4.3 DMX 512 Mode

DMX 512 mode allows for professional control of the light's functions via a DMX controller.

1. Connect power to the light.
2. Press the "Down" button to find "Run Mode".
3. Press "Enter".
4. Press "Down" to find "DMX".
5. Press "Enter" to confirm and activate DMX 512 Mode.
6. Set the DMX address on the fixture to match your DMX controller's settings. Refer to your DMX controller's manual for channel assignments.



An image of a couple dancing at a wedding, overlaid with text instructions for activating the DMX 512 mode.

5. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your U`King Moving Head Light.

Cleaning:

- Disconnect the fixture from power before cleaning.
- Use a soft, lint-free cloth to wipe down the exterior.
- For optical lenses, use a specialized lens cleaning solution and a soft cloth to avoid scratches.
- Periodically clean the ventilation openings to prevent dust buildup, which can affect cooling.

Storage:

- Store the fixture in a dry, dust-free environment.
- If storing for extended periods, consider using the original packaging or a protective flight case.

Inspection:

- Regularly inspect power cables and DMX cables for any signs of damage.
- Check all mounting hardware to ensure it is secure.

6. TROUBLESHOOTING

This section addresses common issues you might encounter and provides solutions.

Problem	Possible Cause	Solution
Light does not power on.	No power supply; faulty cable; power switch off.	Check power connection and outlet; replace cable if damaged; ensure power switch is ON.
No light output.	Dimmer at 0%; lamp issue; internal fault.	Check dimmer settings (if in DMX mode); contact support if lamp or internal fault is suspected.
Fixture not responding to DMX.	Incorrect DMX address; faulty DMX cable; DMX termination missing; incorrect DMX mode.	Verify DMX address matches controller; check/replace DMX cable; add DMX terminator if needed; ensure fixture is in DMX mode.
Movement is erratic or jerky.	Mechanical obstruction; DMX signal interference; motor issue.	Check for obstructions; ensure DMX signal is clean; contact support if motor issue.
Overheating.	Blocked ventilation; operating in high ambient temperature.	Ensure ventilation openings are clear; operate within recommended temperature range.

7. SPECIFICATIONS

Detailed technical specifications for the U`King 150W Moving Head Light.

Specification	Value
Model Number	ZQ02241
Light Source Type	Light Emitting Diode (LED)
Light Source Wattage	150 Watts (120W LED lamp + 30x 0.5W RGB beads)
Brightness	56000 Lux @ 5 meters
Color Temperature	9000 Kelvin
Color Rendering Index (CRI)	≥90
Light Angle	2°
Lifespan	10000 hours
Channels	16 Channels
Operation Modes	Automatic, Sound-activated, Master-slave, DMX 512
X-axis Movement	540° (0.008° precision)
Y-axis Movement	270° (0.004° precision)
Gobos	15+1 Gobos (4 Glass, 11 Metal)
Colors	13+1 Colors
Prism	1 x 8 Mirror
Strobe Rate	1-12Hz
Material	Iron, Plastic, Aluminum Alloy
Power Source	Corded Electric
Product Dimensions	16.1"L x 11"W x 13"H (41cm x 28cm x 30cm)
Item Weight	16.96 pounds (approx. 7.69 kg)

8. WARRANTY AND SUPPORT

U`King is committed to providing high-quality products and customer satisfaction.

Return Policy:

- This product is typically eligible for a 30-day return policy from the date of purchase, allowing for a refund or replacement. Please refer to your retailer's specific return terms.

Extended Protection Plans:

- Extended protection plans (e.g., 3-Year or 4-Year Protection Plans) may be available for purchase separately to cover your product beyond the standard return period. These plans offer additional coverage for unexpected issues.

Customer Support:

For technical assistance, warranty claims, or any questions regarding your U`King 150W Moving Head Light, please visit the official U`King Store or contact their customer service through the retailer where you purchased the product.

You can find more information and contact details by visiting the [U`King Store on Amazon](#).

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