



Manuals.plus /

› U`King /

› UKing 50W LED Moving Head Light User Manual

U`King ZQ02006EU

UKing 50W LED Moving Head Light User Manual

Model: ZQ02006EU

1. INTRODUCTION

Thank you for choosing the UKing 50W LED Moving Head Light. This professional stage lighting system is designed to create dynamic and vibrant light effects for various events, including parties, clubs, bars, theaters, and weddings. This manual provides essential information for the safe and efficient operation, setup, and maintenance of your new lighting fixtures. Please read it thoroughly before use.



Figure 1: Four UKing 50W LED Moving Head Lights and accompanying flight case.

2. PACKAGE CONTENTS

Upon opening the package, please verify that all listed items are present and in good condition.

- 4 x UKing 50W LED Moving Head Lights
- 1 x Flight Case
- Power Cables (quantity corresponding to lights)
- User Manual (this document)
- Mounting Brackets (pre-attached or included)



Figure 2: Interior of the flight case, designed to securely hold the four moving head lights.

3. PRODUCT FEATURES

The UKing 50W LED Moving Head Light offers a range of features for versatile lighting control:

- **Multifunction Stage Lighting:** Produces effects with 8 distinct patterns (gobos) and 7 colors plus white. Features include half-color effects and separate gobo/color wheels.
- **Adjustable Speed:** The speed of the DJ lights can be precisely controlled for dynamic or subtle transitions.
- **Wide Scanning Angle:** Offers a horizontal pan of 540° and a vertical tilt of 270°, allowing for extensive coverage. The scanning speed is adjustable.
- **Flexible Mounting:** Equipped with flexible mounting brackets for secure attachment to various surfaces or truss systems.
- **Efficient Heat Dissipation:** Designed with a heat dissipation fan to maintain optimal operating temperature and ensure longevity.
- **Rotating Gobo Wheel & Color Wheel:** Delivers even light output and facilitates the creation of sharp pattern projections and vibrant color washes.



Figure 3: Examples of various light patterns and color combinations achievable with the moving head lights.

ROTATING GOBO WHEEL & COLOR WHEEL

Delivering an even output and facilitates the creation of sharp pattern projections and vibrant color washes



Figure 4: Illustration of the rotating gobo wheel and color wheel, highlighting their function in creating diverse light effects.

COMPACT!
QUICK!
FLEXIBLE!

205° Tilt

540° Pan

9.6 inches

 5.53 pounds

6.9 inches

5.8 inches



Figure 5: Overview of the light's movement capabilities (540° Pan, 270° Tilt) and compact dimensions.

HIGH HEAT DISSIPATION PERFORMANCE



Figure 6: Detailed view of the light's rear panel, showing the heat dissipation fan, DMX In/Out (3-pin XLR), and power connector.

4. SETUP

4.1 Power Connection

Connect the provided power cable to the power input on the rear of the moving head light and then to a suitable power outlet. Ensure the power source matches the voltage requirements of the device.

4.2 DMX Connection (Optional)

For DMX control, connect a 3-pin XLR DMX cable from your DMX controller's output to the DMX IN port of the first light. To link multiple lights, connect a DMX cable from the DMX OUT port of the first light to the DMX IN port of the next light in the chain.

4.3 Mounting

Utilize the integrated mounting brackets to securely attach the lights to a truss, lighting stand, or other stable structure. Ensure all clamps and fasteners are tightened properly to prevent accidental falls.

5. OPERATING MODES

The UKing 50W LED Moving Head Light supports 6 operational modes:

- **Sound Activated Mode:** The light reacts to ambient sound, with adjustable sensitivity.
- **Auto Mode:** The light runs through pre-programmed sequences automatically.
- **DMX Control Mode:** Allows for precise control over all functions (color, gobo, pan, tilt, speed, strobe) using an external DMX controller (9 or 11 channels).
- **Master/Slave Mode:** Link multiple units together. One unit acts as the master, controlling all other connected slave units, ensuring synchronized effects.
- **Hopping Mode:** Specific pre-programmed movement patterns.
- **Strobe Effect:** Creates a flashing light effect with adjustable speed.

Refer to the light's display panel and buttons (MENU, UP, DOWN, ENTER) for navigating and selecting modes and settings.

6. MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your moving head lights.

- **Cleaning:** Periodically clean the lenses and exterior casing with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Ventilation:** Ensure the heat dissipation fan and vents are free from dust and obstructions to prevent overheating.
- **Inspection:** Regularly check power cables, DMX cables, and mounting hardware for any signs of wear or damage. Replace damaged components immediately.
- **Storage:** When not in use, store the lights in the provided flight case in a dry, cool environment to protect them from dust and physical damage.



Figure 7: Dimensions of the flight case, indicating its compact and portable design.

7. TROUBLESHOOTING

If you encounter issues, refer to the following common problems and solutions:

| Problem | Possible Cause | Solution |
|--------------------------------------|--|---|
| Light does not power on. | No power supply; faulty cable; unit malfunction. | Check power connection and outlet. Test with a different cable. If problem persists, contact support. |
| No DMX control. | Incorrect DMX address; faulty DMX cable; incorrect mode. | Verify DMX address setting. Check DMX cable connections. Ensure unit is in DMX mode. |
| Movement is erratic or limited. | Obstruction; internal issue. | Ensure no physical obstructions. Reset the unit. If problem persists, contact support. |
| Light output is dim or inconsistent. | Dirty lens; LED issue. | Clean the lens. If problem persists, contact support. |

8. SPECIFICATIONS

| Feature | Detail |
|--------------------------------|---|
| Model Number | ZQ02006EU |
| Light Source | 50W LED |
| Gobo Wheel | 8 Gobos + Open |
| Color Wheel | 7 Colors + White |
| Pan Angle | 540° |
| Tilt Angle | 270° |
| DMX Channels | 9/11 Channels |
| Control Modes | Sound Activated, Auto, DMX, Master/Slave, Hopping, Strobe |
| Product Dimensions (per light) | Approx. 9.6 inches (height) x 6.9 inches (width) x 5.8 inches (depth) |
| Product Weight (per light) | Approx. 5.53 pounds |
| Flight Case Dimensions | Approx. 51.5 cm (length) x 48 cm (height) x 39 cm (width) |

9. WARRANTY AND SUPPORT

UKing offers a 30-day return and refund policy for this product.

For any questions or assistance, please do not hesitate to contact UKing customer support. We aim to respond to all inquiries within 12 hours.

Contact Information: Please refer to your purchase platform or the UKing official website for the most current contact details.

