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› U`King ZQ02354X8 Moving Head Light Instruction Manual

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U`King ZQ02354X8 Moving Head Light Instruction Manual

Model: ZQ02354X8

1. INTRODUCTION

This manual provides comprehensive instructions for the safe and effective operation of your U`King ZQ02354X8 Moving Head Light. Please read this manual thoroughly before use and retain it for future reference. This device is designed for professional stage lighting applications, offering dynamic RGBW color mixing and versatile control options.

2. PRODUCT OVERVIEW

2.1 Components Included

- Moving head light x8
- Mounting bracket x8
- Remote control x8
- Power cable x8
- Screw x16

The image below illustrates the components included in the package.



Figure 2.1: Package Contents for U`King ZQ02354X8 Moving Head Light.

2.2 Key Features

- **Vibrant RGBW Color Mixing:** Equipped with seven potent 10-Watt 4-in-1 RGBW color mixing LEDs for dynamic washes and pixel effects.
- **Multiple Control Modes:** Supports DMX512, Master-slave, Sound Activated, Strobe, and Automatic modes.
- **Versatile DMX Channels:** Offers 9/14 channel DMX modes for various applications.
- **Wide Movement Range:** Features X 540° and Y 180° pan and tilt movements for flexible light positioning.
- **Durable and Efficient Design:** Compact, lightweight, with a long working life of 100,000 hours and excellent cooling capabilities.

The control panel and various features are highlighted in the image below.



Figure 2.2: Detailed view of the U'King Moving Head Light's features.

The light's movement capabilities are demonstrated below.



Figure 2.3: Pan (X-axis) and Tilt (Y-axis) movement range.

3. SETUP INSTRUCTIONS

3.1 Unpacking and Inspection

Carefully remove all components from the packaging. Inspect each unit for any signs of damage during transit. If any damage is found, do not operate the device and contact customer support immediately.

3.2 Mounting

The U`King Moving Head Light can be placed on a flat surface or mounted using the included brackets. Ensure the mounting surface or truss is capable of supporting the weight of the fixture. Use the provided screws to secure the mounting bracket firmly.

3.3 Power Connection

Connect the provided power cable to the power input on the rear of the fixture. Ensure the power source matches the voltage requirements specified on the device. For DMX control, connect DMX cables to the IN and OUT ports as required by your setup.



Figure 3.1: Rear panel connections for power and DMX.

4. OPERATING MODES

The U`King ZQ02354X8 Moving Head Light offers several operating modes, selectable via the control panel or DMX controller.

4.1 Control Panel Navigation

The control panel features an LCD display and four buttons: MODE/ESC, UP, DOWN, and ENTER. Use these buttons to navigate menus and select settings.

4.2 Auto Mode

In Auto mode, the light cycles through pre-programmed patterns and color changes automatically. This mode is suitable for quick setup without external control.

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Video 4.1: Demonstration of the U`King Moving Head Light operating in various automatic color and movement sequences. This video showcases the dynamic capabilities of the light in different settings.

To activate Auto mode via the control panel:

1. Press the "MODE/ESC" button until "8.8.8.8" is displayed.
2. Use the "UP" or "DOWN" buttons to navigate to "nAFa" (Auto mode).
3. Press "ENTER" to confirm and activate Auto mode.

4.3 Sound Activated Mode

In Sound Activated mode, the light responds to ambient sound, synchronizing its patterns and movements with music or other audio inputs. This mode is ideal for parties and events where dynamic interaction with sound is desired.

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Video 4.2: The U`King Moving Head Light demonstrating sound-activated patterns and color changes, reacting to music beats.

To activate Sound Activated mode via the control panel:

1. Press the "MODE/ESC" button until "8.8.8.8" is displayed.
2. Use the "UP" or "DOWN" buttons to navigate to "SrUn" (Sound Activated mode).
3. Press "ENTER" to confirm and activate Sound Activated mode.

4.4 DMX512 Mode

For advanced control, connect the fixture to a DMX controller. The light supports 9-channel and 14-channel DMX modes, allowing precise control over pan, tilt, color, dimming, strobe, and other effects. Refer to the DMX chart in the full user manual for detailed channel assignments.

4.5 Master-Slave Mode

Connect multiple U`King Moving Head Lights using DMX cables. Set one unit as the Master and the others as Slaves. The Slave units will mirror the Master's operations, creating synchronized light shows without a dedicated DMX controller.

5. SPECIFICATIONS

Feature	Specification
Model Number	ZQ02354X8
Light Source Type	7 x 10W RGBW 4-in-1 LED
Power Source	Corded Electric
Material	Polyvinyl Chloride (PVC)
Product Dimensions	7.1"L x 6.8"W x 9.4"H
Item Weight	10.3 pounds (per unit)
Movement (Pan)	540°
Movement (Tilt)	180°
Beam Angle	25°
Control Modes	DMX512, Master-slave, Sound Activated, Strobe, Automatic
DMX Channels	9/14 CH

Feature	Specification
LED Lifespan	100,000 hours

A visual representation of the beam angle is provided below.

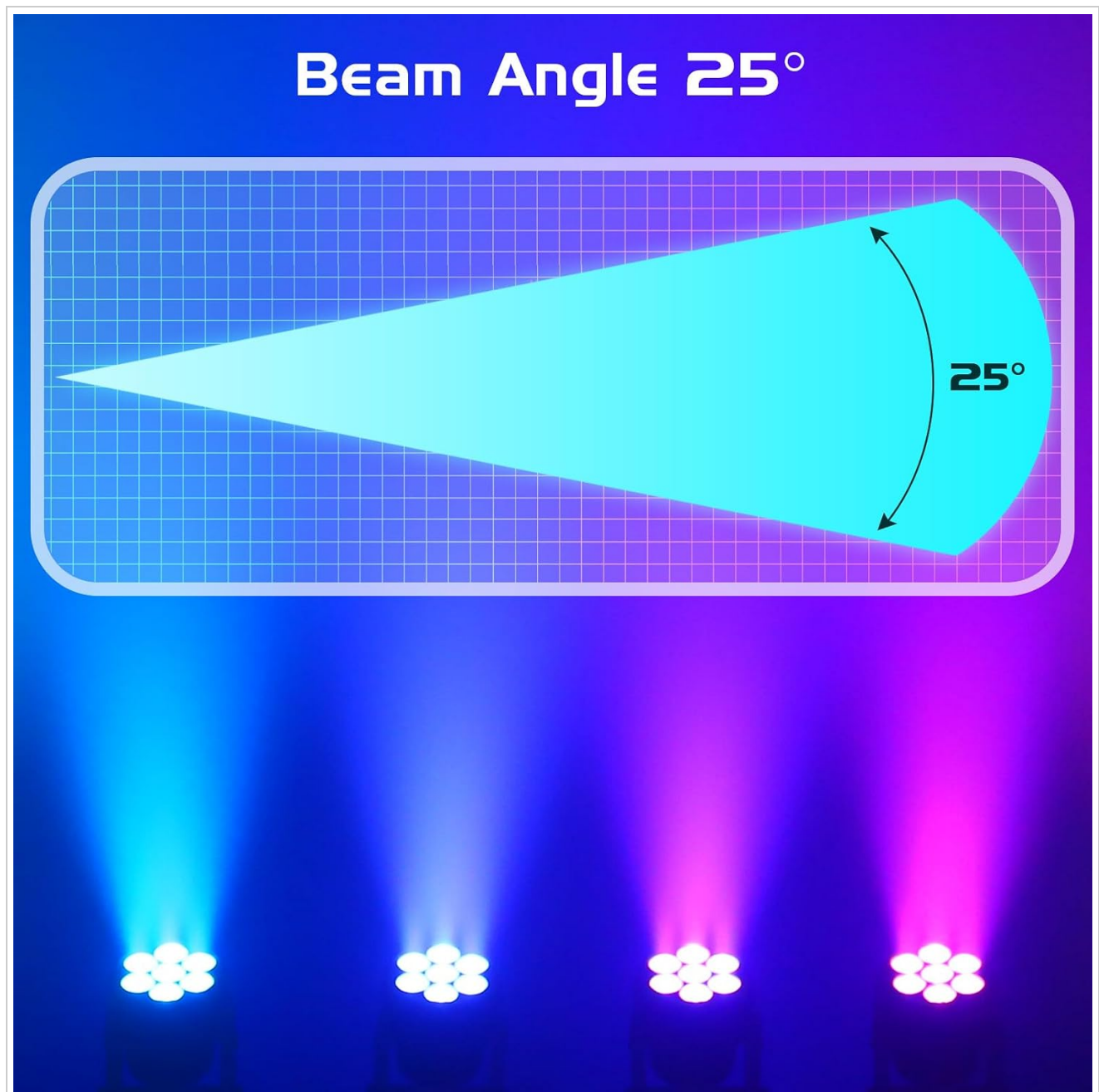


Figure 5.1 : Beam Angle illustration.

The overall dimensions of the light are shown in the following image.



Figure 5.2: Product Dimensions.

6. MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your U'King Moving Head Light.

- **Cleaning:** Periodically clean the exterior of the fixture with a soft, dry cloth. Ensure the lens and cooling vents are free from dust and debris. Do not use harsh chemicals or abrasive materials.
- **Cooling System:** The fixture is equipped with a cooling fan. Ensure the fan and vents are not obstructed to prevent overheating.
- **Cable Inspection:** Regularly check power and DMX cables for any signs of wear or damage. Replace damaged cables immediately.



Figure 6.1: Internal cooling fan for efficient heat dissipation.

7. TROUBLESHOOTING

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

- **No Power:**
 - Check if the power cable is securely connected to both the fixture and the power outlet.
 - Verify the power outlet is functional.

- Inspect the fuse on the power input for damage and replace if necessary (use only a 250V fuse).

- **No Light Output:**

- Ensure the fixture is receiving power and the display is active.
- Check the selected operating mode. If in DMX mode, ensure the DMX signal is present and the correct address is set.
- Verify dimmer settings are not at zero.

- **No Movement/Incorrect Movement:**

- In DMX mode, check DMX connections and ensure the DMX controller is sending pan/tilt commands.
- In Auto or Sound Activated modes, ensure the light is not in a static scene or paused.
- Recalibrate the fixture if movements are erratic (refer to the full manual for calibration procedures).

- **Sound Activated Mode Not Responding:**

- Ensure the microphone sensitivity is adjusted correctly (if applicable, refer to the full manual).
- Verify there is sufficient ambient sound for the light to react.

For further assistance, please contact U`King customer support.

8. WARRANTY AND SUPPORT

U`King products are designed for reliability and performance. For warranty information and customer support, please refer to the warranty card included with your product or visit the official U`King website. Keep your purchase receipt as proof of purchase for warranty claims.

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

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