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› U`King 50W LED Moving Head Stage Light ZQ-B5PF Instruction Manual

U`King ZQ-B5PF

U`King 50W LED Moving Head Stage Light ZQ-B5PF Instruction Manual

1. SAFETY INFORMATION

Please read and understand all safety instructions before installing, operating, or maintaining this product. Retain this manual for future reference.

- **Electrical Safety:** This device must be connected to a grounded power outlet. Ensure the voltage and frequency match the product specifications (AC 100-240V, 50-60Hz). Disconnect power before any service or maintenance.
- **Heat and Ventilation:** Ensure adequate ventilation around the fixture to prevent overheating. Do not block ventilation openings. Avoid operating in excessively hot environments.
- **Eye Safety:** Avoid direct eye exposure to the light source. The light output can be intense and may cause eye damage.
- **Installation:** Always secure the fixture properly using appropriate mounting hardware. Ensure the mounting surface or truss can support the weight of the fixture. Do not install in areas with high vibration or unstable surfaces.
- **Moisture:** Do not expose the fixture to rain, moisture, or liquids. Operate only in dry locations.
- **Servicing:** Do not attempt to open the housing or modify the fixture. Refer all servicing to qualified personnel. There are no user-serviceable parts inside.

2. PRODUCT OVERVIEW

The U`King ZQ-B5PF is a compact and powerful 50W LED moving head stage light designed for dynamic lighting effects in various settings such as clubs, bars, parties, and events. It features a bright LED light source, multiple gobo patterns, and vibrant colors, offering versatile control options.



Image: The U'King 50W LED Moving Head Stage Light showcasing its dynamic light effects in a performance setting.

Key Features:

- Powerful 50W LED light source for bright output.
- 8 distinct gobo patterns with rotation and pattern rotation color mixing.
- 8 single colors, 6 double colors, and a half-color effect.
- Multiple control modes: DMX512, Sound Activated, Automatic, Master-Slave, Strobe.
- Pan (540°) and Tilt (270°) movement for wide coverage.
- Manual focus adjustment.
- Integrated cooling fan for stable operation.

Package Contents:

Packing list:

- 1 Power cord x 1
- 2 Mounting bracket x 1
- 3 Screw x 2
- 4 Manual x 1
- 5 Stage lights x 1

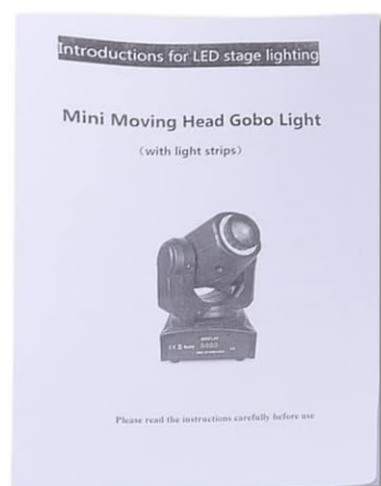


Image: Contents of the U`King 50W LED Moving Head Stage Light package, including the light, power cord, mounting bracket, screws, and manual.

- 1 x U`King 50W LED Moving Head Stage Light
- 1 x Power Cable
- 1 x Mounting Bracket
- 2 x Screws
- 1 x Instruction Manual

3. SPECIFICATIONS

Feature	Specification
Model Number	ZQ-B5PF

Feature	Specification
Power Consumption	50 Watts
Working Voltage	AC 100-240V, 50-60Hz
Light Source	1x 30W LED, 12x 0.5W RGBW Aperture LEDs
Material	Aluminum Alloy, ABS Plastic
Gobo Patterns	8 Patterns + Rotation
Colors	8 Single Colors, 6 Double Colors, Half-Color Effect, RGB Aperture Color Mixing
Control Modes	DMX512, Sound Activated, Auto, Master-Slave, Strobe
DMX Channels	10/12 Channels
Pan Movement	540° (X-axis)
Tilt Movement	270° (Y-axis)
Beam Angle	60°
Strobe Frequency	Up to 10 times per second
Dimming	0-100% Linear Dimming
Focus	Manual
Display	LED Display
Cooling	Constant Temperature Fan
Lamp Life	100,000 Hours
Dimensions (L x W x H)	14.5 x 14.5 x 24 cm
Weight	2.81 kg

4. SETUP

4.1 Unpacking and Inspection

Carefully remove the fixture from its packaging. Inspect the unit for any signs of damage during transit. If any damage is found, contact your supplier immediately.

4.2 Mounting

The fixture can be mounted on a flat surface (floor) or suspended from a truss using the provided mounting bracket and screws. Ensure the mounting location is stable and can safely support the fixture's weight.

The ability to swing 520° horizontally and 270° vertically, effectively illuminate large areas.



Image: The U'King Moving Head Light demonstrating its 540° horizontal (Pan) and 270° vertical (Tilt) movement capabilities.

4.3 Power Connection

Connect the provided power cable to the 'POWER IN' port on the rear of the fixture. Then, plug the other end of the power cable into a suitable grounded electrical outlet (AC 100-240V, 50-60Hz).

4.4 DMX Connection (Optional)

If using a DMX controller, connect a DMX cable from your controller's DMX output to the fixture's 'DMX IN' port. For multiple fixtures, daisy-chain them by connecting a DMX cable from the first fixture's 'DMX OUT' to the next fixture's 'DMX IN'.



Image: Detailed view of the rear panel, highlighting the DMX IN/OUT ports, Power IN, LED display, and control buttons (MENU, UP, DOWN, ENTER, MIC).

5. OPERATING MODES

The U`King ZQ-B5PF offers several operating modes, selectable via the LED display and control buttons (MENU, UP, DOWN, ENTER) located on the base of the fixture.

Multifunctional Moving Head Light



Sound Control Mode



Automatic Mode



Master-slave Mode



DMX512 Mode



Cooling Fan



Image: Visual representation of the different operating modes available for the moving head light, including Sound Control, Automatic, Master-Slave, and DMX512.

5.1 Display Panel and Control Buttons

- **MENU:** Cycles through the main menu options.
- **UP:** Increases the value or moves up in menu options.
- **DOWN:** Decreases the value or moves down in menu options.
- **ENTER:** Confirms the selected option or value.
- **MIC:** Built-in microphone for Sound Activated mode.

5.2 Automatic Mode

In Automatic mode, the fixture runs through a series of pre-programmed light sequences, patterns, and color changes without external input. To activate, use the MENU button to navigate to the 'Auto' setting and press ENTER.

5.3 Sound Activated Mode

The Sound Activated mode allows the fixture to react to ambient sound or music via its built-in microphone. The light effects, movements, and strobes will synchronize with the beat. To activate, use the MENU button to navigate to the 'Sound' setting and press ENTER.

5.4 Master-Slave Mode

This mode allows multiple fixtures to operate in synchronization without a DMX controller. Connect the fixtures in a daisy-chain using DMX cables. Set the first fixture as 'Master' and all subsequent fixtures as 'Slave'. The slave units will mirror the master's operation. To activate, set the master unit to either 'Auto' or 'Sound' mode, and set the slave units to 'Slave' mode via their respective displays.

5.5 DMX512 Mode

DMX512 mode provides professional control over all functions of the fixture using an external DMX controller. This mode requires setting a unique DMX address for each fixture and selecting the appropriate channel mode (10 or 12 channels). Refer to the DMX Control section for more details.

6. DMX CONTROL

The U`King ZQ-B5PF supports DMX512 protocol, allowing precise control over its features. It offers two channel modes: 10-channel and 12-channel.

6.1 Setting the DMX Address

Each fixture in a DMX chain must have a unique starting DMX address. To set the address:

1. Press the MENU button until the DMX address setting appears on the LED display (e.g., 'A001').
2. Use the UP and DOWN buttons to adjust the DMX address to your desired value.
3. Press ENTER to confirm the address.

6.2 DMX Channel Modes

The fixture can operate in either 10-channel or 12-channel mode. The specific functions assigned to each DMX channel (e.g., Pan, Tilt, Gobo selection, Color selection, Strobe, Dimmer) are detailed in the comprehensive DMX channel map provided in the physical instruction manual included with your product. Please refer to that manual for a complete breakdown of DMX values and their corresponding effects.

7. MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your U`King ZQ-B5PF moving head light.

7.1 Cleaning

- Always disconnect the fixture from power before cleaning.
- Use a soft, lint-free cloth to wipe the exterior housing. Do not use abrasive cleaners or solvents.
- Gently clean the optical lens with a soft cloth and a mild lens cleaning solution to maintain light output clarity.
- Keep ventilation openings clear of dust and debris to ensure proper airflow for the cooling fan.

7.2 Storage

When not in use, store the fixture in a dry, dust-free environment, preferably in its original packaging or a protective case, to prevent damage.

8. TROUBLESHOOTING

If you encounter issues with your U`King ZQ-B5PF, refer to the following common problems and solutions:

- **No Power:**
 - Check if the power cable is securely connected to both the fixture and the power outlet.
 - Verify that the power outlet is functional.
 - Inspect the power cable for any damage.
- **No Light Output:**
 - Ensure the fixture is powered on and not in standby mode.
 - If in DMX mode, check the dimmer channel on your controller to ensure it is not set to zero.
 - Verify that the selected operating mode is active (e.g., Auto, Sound, DMX).
- **No Movement or Incorrect Movement:**
 - If using DMX, check DMX connections, address, and ensure the Pan/Tilt channels are active on your controller.
 - Ensure there are no physical obstructions preventing movement.
 - In Master-Slave mode, confirm the master unit is functioning correctly and slave units are set to 'Slave'.
- **DMX Control Issues:**
 - Confirm that the DMX address and channel mode (10 or 12 channels) on the fixture match your DMX controller settings.
 - Check all DMX cables for damage or incorrect connections.
 - Ensure a DMX terminator (120 Ohm resistor) is used on the last fixture in a long DMX chain to prevent signal reflection.

If these steps do not resolve the issue, please contact customer support.

9. WARRANTY AND SUPPORT

For information regarding the product warranty, technical support, or service inquiries, please refer to the warranty card included with your purchase or visit the official U`King website. Please have your model number (ZQ-B5PF) and purchase details available 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

Open the live page

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