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› PUZILOZA 100W Lyre LED DMX512 Moving Head Beam Light User Manual (Model ZQ02021)

PUZILOZA ZQ02021

PUZILOZA 100W Lyre LED DMX512 Moving Head Beam Light User Manual

Model: ZQ02021

1. INTRODUCTION

Thank you for choosing the PUZILOZA 100W Lyre LED DMX512 Moving Head Beam Light. This professional stage lighting fixture is designed to create dynamic and vibrant light effects for various events, including DJ shows, parties, clubs, and stage performances. It features a powerful RGBW LED engine, 18-facet prism, and versatile control options to enhance any lighting setup.



Image: The PUZILOZA 100W Lyre LED Moving Head Beam Light showcasing its powerful beam and color capabilities.

2. SAFETY INSTRUCTIONS

Please read these safety instructions carefully before installation and operation. Failure to follow these instructions may result in electric shock, fire, or personal injury.

- **Electrical Safety:** Ensure the power supply voltage matches the device's requirements (240 Volts). Always connect to a grounded outlet. Disconnect power before any maintenance or cleaning.

- **Installation:** Install the fixture in a well-ventilated area, away from flammable materials. Ensure secure mounting, especially for ceiling installations.
- **Temperature:** Do not operate the device in environments outside the specified temperature range (-20°C to 40°C).
- **Eye Protection:** Avoid direct eye exposure to the light beam, as it can cause eye damage.
- **Maintenance:** Refer to the maintenance section for proper cleaning and care. Do not attempt to repair the device yourself. Contact qualified service personnel.
- **Water Exposure:** This device is not waterproof. Avoid exposure to moisture or liquids.

3. PRODUCT OVERVIEW AND PACKING LIST

Familiarize yourself with the components of your moving head light and verify the contents of the package.

3.1. Key Features

- 100W RGBW 4-in-1 LED engine with high-efficiency translucent beads for increased brightness.
- Smooth and precise 540° Pan (X-axis) and 180° Tilt (Y-axis) movement.
- Integrated 18-facet prism for dynamic beam effects.
- Multiple control modes: Auto, Sound-activated, DMX512, Master-Slave.
- Efficient cooling system for extended lifespan (up to 50,000 hours).
- High-definition optical lens and quality chips for superior performance.

3.2. Dimensions and Movement



Image: Diagram illustrating the dimensions (23L x 15W x 28H cm) and movement capabilities (Pan 540°, Tilt 180°) of the moving head light.

3.3. Internal Components

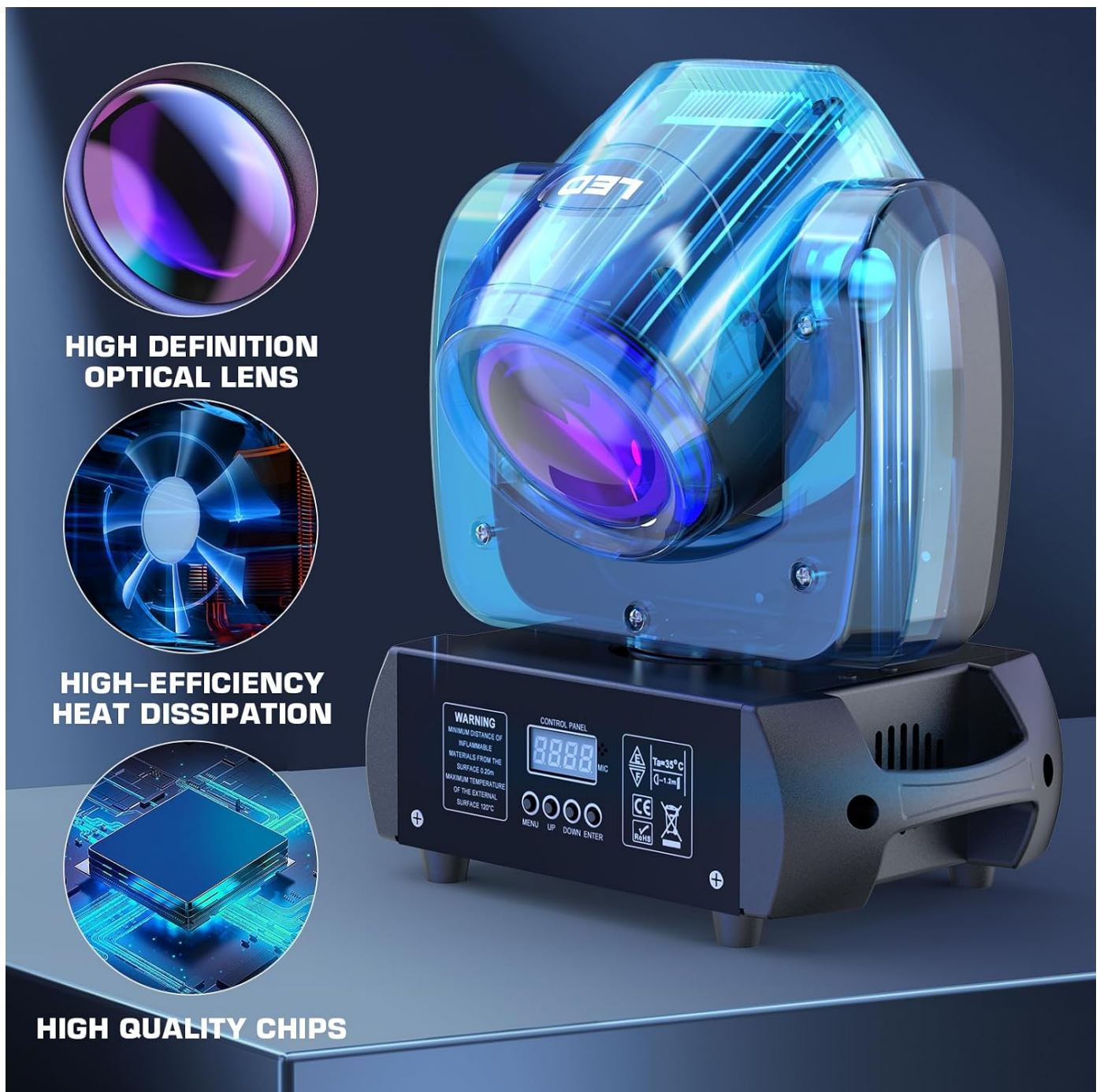


Image: Internal view highlighting the high-definition optical lens, efficient heat dissipation system, and high-quality chips that contribute to the light's performance.

3.4. Packing List



PACKING LIST:

- 1 X Lamp
- 1 X instruction manual
- 1 X bow support
- 1 X power cord
- 2 X screws

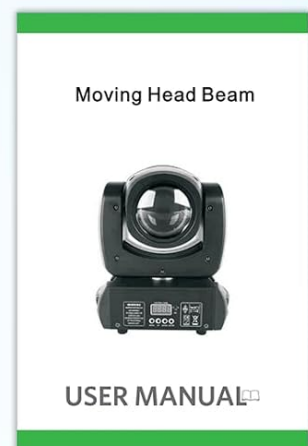


Image: Contents of the product package, including the light fixture, instruction manual, bow support, power cord, and mounting screws.

- 1 x PUZILOZA 100W Lyre LED Moving Head Beam Light
- 1 x Instruction Manual
- 1 x Bow Support (Mounting Bracket)
- 1 x Power Cord
- 2 x Screws

4. SETUP AND INSTALLATION

Proper installation is crucial for the safe and optimal performance of your moving head light.

4.1. Mounting

1. **Choose Location:** Select a stable location with adequate ventilation, away from heat sources and flammable

materials. Ensure the mounting surface or truss can support the weight of the fixture.

2. **Secure Bracket:** Attach the provided bow support (mounting bracket) to the fixture using the screws.
3. **Mount Fixture:** Securely mount the fixture using appropriate clamps or hardware (not included) to a truss or ceiling. Ensure all connections are tight and safe. For ceiling mounting, ensure the fixture is properly balanced.

4.2. Power Connection

1. Connect the power cord to the power input on the fixture.
2. Plug the other end of the power cord into a grounded 240V AC power outlet.

4.3. DMX Connection (Optional)

For DMX control, connect the fixture to a DMX controller or other DMX-compatible devices.

1. Connect a DMX cable (3-pin XLR) from the DMX output of your controller to the DMX input of the first fixture.
2. For multiple fixtures, daisy-chain them by connecting the DMX output of the first fixture to the DMX input of the next, and so on.
3. Ensure the last fixture in the chain has a DMX terminator connected to its DMX output to prevent signal reflection.

5. OPERATING INSTRUCTIONS

The PUZILOZA Moving Head Beam Light offers several operating modes to suit different applications.

5.1. Control Panel

The control panel on the base of the fixture features a digital display and four buttons: MENU, UP, DOWN, and ENTER. Use these buttons to navigate menus and select settings.

5.2. Operating Modes

- **Auto Mode:** The fixture runs through pre-programmed light shows automatically. Select this mode via the control panel.
- **Sound-Activated Mode:** The light reacts to ambient sound or music. Ensure the built-in microphone is not obstructed. Adjust sensitivity if necessary.
- **DMX512 Mode:** For professional control using an external DMX controller. This mode allows precise manipulation of color, movement, gobos, prism, and strobe effects.
- **Master-Slave Mode:** Connect multiple fixtures via DMX cables. Set one fixture as 'Master' and others as 'Slave'. The slave units will synchronize their effects with the master unit.

5.3. DMX Channel Control (11/13 Channels)

The fixture supports 11 or 13 DMX channels, providing comprehensive control over its functions. Refer to the detailed DMX chart in the full manual for specific channel assignments and values.

- **Channel 1:** Pan (X-axis movement)
- **Channel 2:** Pan Fine
- **Channel 3:** Tilt (Y-axis movement)
- **Channel 4:** Tilt Fine
- **Channel 5:** Pan/Tilt Speed
- **Channel 6:** Dimmer

- **Channel 7:** Strobe
- **Channel 8:** Color Wheel (RGBW)
- **Channel 9:** Gobo Wheel
- **Channel 10:** Prism (On/Off, Rotation)
- **Channel 11:** Effect Macro / Reset
- *(Additional channels for 13CH mode may include specific effect speeds or fine control)*



Image: The moving head light projecting vibrant beams in different colors, demonstrating its RGBW capabilities.

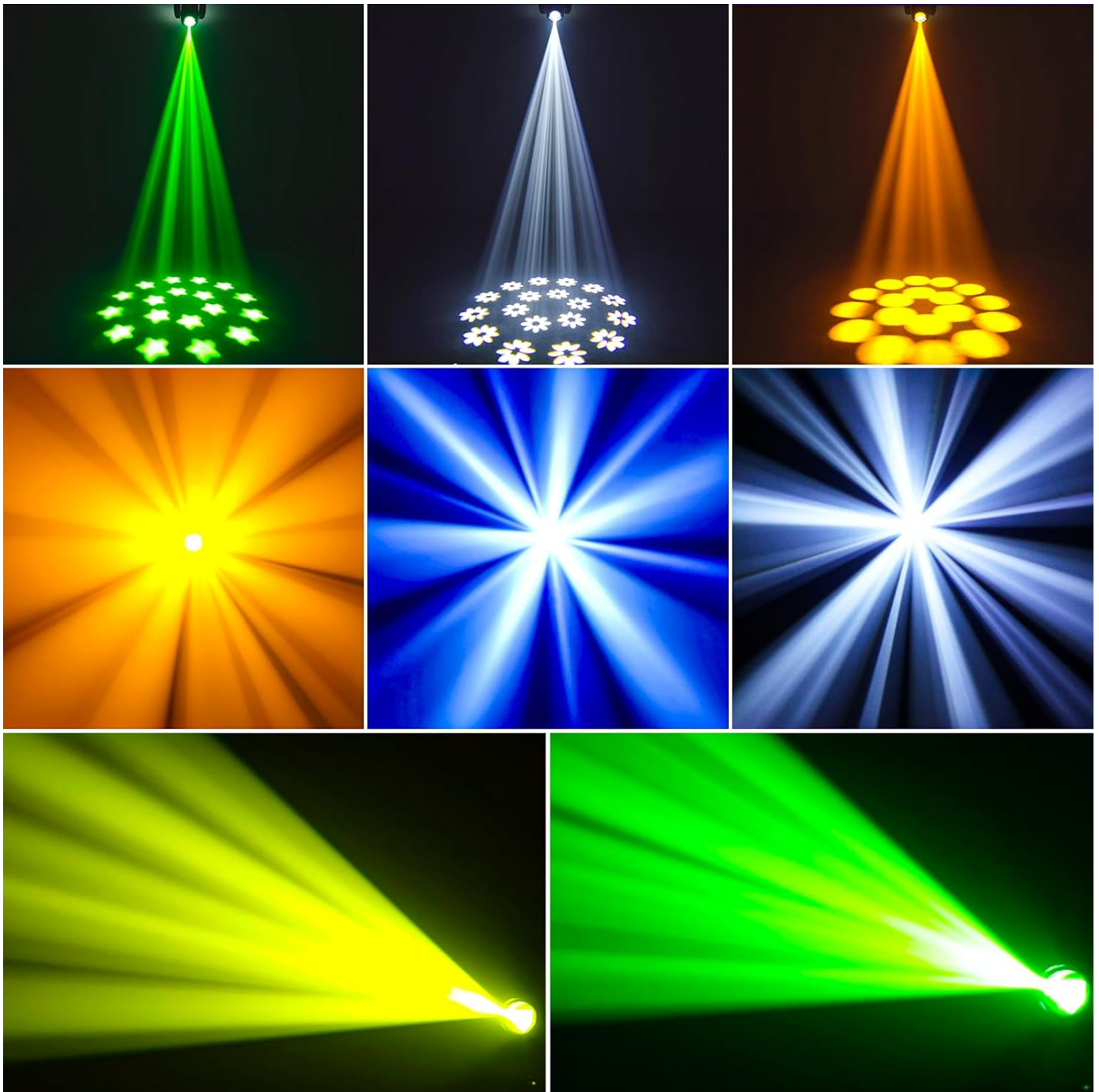


Image: The moving head light projecting various gobo patterns, adding texture and visual interest to the light show.

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your fixture.

- **Cleaning:** Periodically clean the lens and exterior casing with a soft, lint-free cloth. For stubborn dirt, use a mild glass cleaner. Ensure the fixture is powered off and cool before cleaning.
- **Fan and Vents:** Keep the cooling fan and ventilation openings free from dust and debris to prevent overheating. Use compressed air to clear dust if necessary.
- **Inspection:** Regularly inspect power cables, DMX cables, and mounting hardware for any signs of damage or wear. Replace damaged components immediately.
- **Storage:** When not in use, store the fixture in a dry, dust-free environment.

7. TROUBLESHOOTING

If you encounter issues with your PUZILOZA Moving Head Beam Light, refer to the following common problems and solutions.

- **No Power:**
 - Check if the power cord is securely connected to both the fixture and the power outlet.
 - Verify the power outlet is functional.
 - Ensure the main power switch on the fixture (if present) is in the 'ON' position.
- **No Light Output:**
 - Check dimmer settings in DMX mode or on the control panel.
 - Ensure the fixture is not in 'Blackout' mode.
 - If using DMX, verify DMX signal and address settings.
- **No DMX Control:**
 - Check DMX cable connections and ensure they are secure.
 - Verify the DMX address of the fixture matches the address set on your controller.
 - Ensure the DMX controller is functioning correctly.
 - Check for a DMX terminator on the last fixture in the chain.
- **Erratic Movement/Behavior:**
 - Reset the fixture by powering it off and on.
 - In DMX mode, check for signal interference or incorrect DMX values.
 - Ensure the fixture is not overheating; check fan and vents.

8. SPECIFICATIONS

Feature	Specification
Model Number	ZQ02021
Brand	PUZILOZA
Light Source Type	LED (RGBW 4-in-1)
Maximum Light Output	1200 Lumens
Wattage	100W (LED Engine), 120W (Max)
Voltage	240 Volts
Color Temperature	8500 Kelvin
Beam Angle	3 Degrees
Pan Movement	540°
Tilt Movement	180°

Feature	Specification
Prism Effect	18-facet
Control Modes	Auto, Sound-Activated, DMX512, Master-Slave
DMX Channels	11/13 CH
Material	Plastic
Color	Black
Dimensions (L x W x H)	23L x 15W x 28H cm
Operating Temperature	-20°C to 40°C
Lifespan	Up to 50,000 hours
Country of Origin	China

8.1. Energy Efficiency

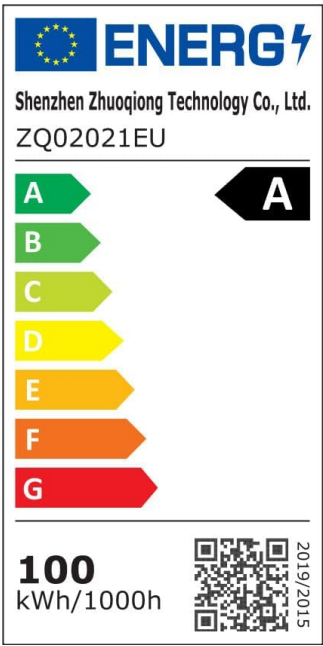


Image: Energy efficiency label for the PUZILOZA ZQ02021 moving head light, indicating its energy class and consumption.

For more details, visit the official EU EPREL database:<https://eprel.ec.europa.eu/qr/2187829>

9. WARRANTY AND SUPPORT

Your PUZILOZA 100W Lyre LED DMX512 Moving Head Beam Light (Model ZQ02021) comes with a manufacturer's warranty and dedicated support.

- **Warranty Period:** The product is covered by a 12-month manufacturer's warranty from the date of purchase.
- **Returns/Refunds:** Free returns and refunds are available within 30 days of purchase.
- **Technical Support:** Lifetime technical support is provided for this product. For assistance, please contact your retailer or the manufacturer directly.

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