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› ZKYMZL 7x12W RGBW LED Stage Lighting User Manual

ZKYMZL RAON-61

ZKYMZL 7x12W RGBW LED Stage Lighting User Manual

Model: RAON-61

Brand: ZKYMZL

1. INTRODUCTION

This user manual provides essential information for the safe and effective operation of your ZKYMZL 7x12W RGBW (4-in-1) LED Stage Lighting unit, Model RAON-61. This moving head DJ light is designed for professional stage shows, parties, weddings, discos, KTVs, and other events, offering versatile lighting effects with its RGBW color mixing and precise movement capabilities.

What's in the Box:

- 1 x ZKYMZL Moving Head DJ Light
- 1 x Power Cable
- 1 x Mounting Bracket
- 2 x Screws (pre-installed on the bottom of the light)
- 1 x User Manual (this document)



Front view of the ZKYMZL Moving Head DJ Light, showcasing its compact design and control panel.

2. SAFETY INFORMATION

Please read all safety instructions carefully before operating the device. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- **Electrical Safety:** Ensure the power supply voltage matches the device's requirements (AC 1.2E+2 Volts). Always connect to a grounded outlet. Disconnect power before cleaning or servicing.
- **Placement:** Install the fixture in a well-ventilated area, away from flammable materials. Maintain at least 0.5 meters (1.6 feet) clearance from walls or other objects. Avoid direct exposure to water or high humidity.
- **Handling:** Do not look directly into the light source when the fixture is operating, as it can cause eye damage. Avoid touching the fixture during operation, as it may become hot.
- **Mounting:** When hanging the fixture, ensure it is securely fastened to a stable structure using appropriate clamps and safety cables. The flexible bracket allows for various mounting options.
- **Maintenance:** Only qualified personnel should perform repairs. Do not attempt to modify the device.

3. SETUP AND INSTALLATION

Proper setup ensures optimal performance and safety of your ZKYMZL LED Stage Lighting unit.

3.1 Mounting the Fixture

The fixture features a flexible bracket for versatile positioning. It can be placed on a flat surface (floor), mounted on a wall, or hung from a truss system. Ensure the mounting surface or structure can safely support the weight of the fixture (6 pounds).

- **Floor Placement:** Position the light on a stable, level surface.
- **Wall/Truss Mounting:** Use appropriate clamps (not included) to secure the bracket to a truss or wall. Always use a safety cable (not included) as an additional safety measure to prevent the fixture from falling.

SUPER COOLING SYSTEM

FAN , THERMAL ALUMINUM , ENERGY SAVING,
LINEAR SPEED REGULATION
FAST COOLING,
KEEP THE MACHINE RUNNINSAFELY FOR 24 HOURS,
THE AIR VOLUME IS LARG
LONGER LIFE

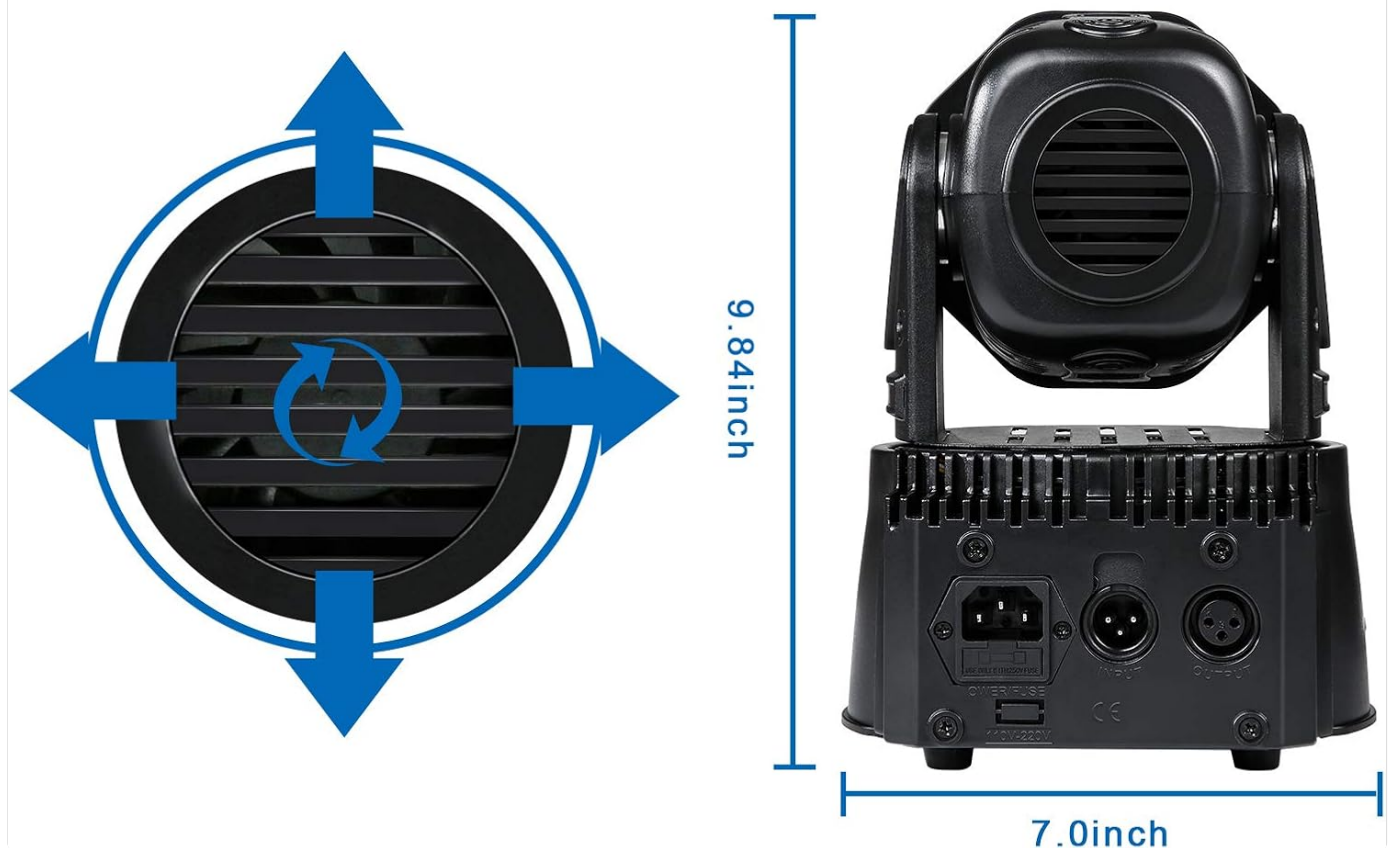


Diagram illustrating the cooling system and key dimensions (9.8 inches height, 7.0 inches width) of the ZKYMZL Moving Head DJ Light.

3.2 Power Connection

Connect the provided power cable to the power input on the rear of the fixture and then to a suitable grounded power outlet.

3.3 DMX Connection (Optional)

For DMX control, connect a DMX cable from your DMX controller's output to the DMX IN port on the fixture. If daisy-chaining multiple fixtures, connect from the DMX OUT of the first fixture to the DMX IN of the next.

4. OPERATING MODES AND CONTROLS

The ZKYMZL Moving Head DJ Light offers multiple control modes for various applications.

4.1 Control Panel Overview

The control panel on the front of the unit features a digital display and several buttons (MODE/ESC, UP, DOWN, ENTER) for navigating menus and selecting settings.

4.2 Available Control Modes

- **DMX512 Mode:** This professional mode allows precise control over all fixture functions using a DMX controller. The light automatically detects a DMX signal; no D001 settings are required. The fixture supports 9 or 14 DMX channels.
- **Master-Slave Mode:** Connect multiple units via DMX cables. Set one unit as the "Master" and others as "Slave." The slave units will automatically mimic the master's movements and effects.
- **Sound Activated Mode:** The fixture's movements and light patterns will react to ambient sound or music, ideal for dynamic party environments.
- **Automatic Mode:** The fixture runs through pre-programmed light shows and movement sequences without external input.



Illustration of the ZKYMZL Moving Head DJ Light's movement capabilities, showing 180-degree tilt and 540-degree pan rotation.

4.3 Light Effects and Features

The fixture features 7 x 12W RGBW (Red, Green, Blue, White) 4-in-1 LEDs, enabling a wide spectrum of colors through mixing. It produces striking color mixing effects and precise X-axis (pan) and Y-axis (tilt) rotation for dynamic light shows.

OPTICAL LENS COMBINATION

CRYSTAL TRANSPARENT LAMP BEAD COVER . MORE BEAUTIFUL UGHT .
LONGER LIFE . HIGHLY UNIFORM . HIGH LIGHT TRANSMITTANCE,
CAN BE COMPOSED OF COLORFUL COLORS



Close-up view of the ZKYMZL Moving Head DJ Light's optical lens combination, highlighting the clear lamp bead cover and light transmission.



Examples of the ZKYMZL Moving Head DJ Light's various color outputs and beam patterns, including blue, red, white, green, purple, and yellow.



Collage showing the ZKYMZL Moving Head DJ Light in various event settings: wedding, KTV bar, indoor show, and outdoor show.

5. MAINTENANCE AND CARE

Regular maintenance ensures the longevity and optimal performance of your ZKYMZL LED Stage Lighting unit.

5.1 Cleaning

Periodically clean the exterior of the fixture with a soft, dry cloth. For lenses, use a soft cloth and a non-abrasive cleaner designed for optics. Ensure the fixture is unplugged and cool before cleaning.

5.2 Cooling System

The fixture is equipped with a built-in aluminum alloy heat sink and fan for powerful cooling and heat dissipation. Ensure ventilation openings are not obstructed to maintain efficient cooling and prevent overheating.

5.3 Durability

Constructed with a full metal structure and a premium plastic shell, this fixture is designed for durability. The superior LEDs have a long lifespan, and a constant current control board ensures exceptional stability.

6. TROUBLESHOOTING

If you encounter issues with your ZKYMZL LED Stage Lighting unit, refer to the common problems and solutions below. For more complex issues, please contact customer support.

Problem	Possible Cause	Solution
Light does not power on.	No power supply; faulty cable; power outlet issue.	Check power cable connection. Ensure power outlet is functional. Try a different power cable.
No DMX control.	Incorrect DMX cable connection; incorrect DMX address; faulty DMX controller.	Verify DMX cable connections (IN/OUT). Ensure the DMX address on the fixture matches your controller settings. Test with a different DMX cable or controller.
Light movement is erratic or unresponsive.	Interference; mechanical obstruction; internal fault.	Ensure no physical obstructions. Check DMX signal quality. Power cycle the unit. If problem persists, contact support.
Colors are incorrect or inconsistent.	DMX channel settings; internal LED issue.	Review DMX channel assignments for color control. If in auto or sound mode, power cycle.

7. TECHNICAL SPECIFICATIONS

Feature	Detail
Model Number	RAON-61
Light Source	7 x 12W RGBW (4-in-1) LEDs
Control Channels	9/14 DMX Channels
Control Modes	DMX512, Master-Slave, Sound Activated, Automatic
Pan Rotation	540 degrees
Tilt Rotation	180 degrees
Input Voltage	AC 1.2E+2 Volts
Wattage	70 Watts (Max Compatible: 84 Watts)
Material	Iron, Plastic
Finish Type	Polished
Product Dimensions	7"L x 7"W x 9.8"H

Feature	Detail
Item Weight	6 Pounds
Manufacturer	ZKYMZL
UPC	606157108011

8. WARRANTY AND SUPPORT

As a professional manufacturer of stage lighting, ZKYMZL is committed to providing strong technical support and excellent after-sales consultation for its products.

For any inquiries, technical assistance, or warranty claims, please contact ZKYMZL customer service. Our team is available 365 days a year to address your concerns and ensure your satisfaction.

Please refer to your purchase documentation or the ZKYMZL official website for specific warranty terms and contact information.

For additional resources, you may also refer to the official [User Manual \(PDF\)](#) available online.

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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

