

ZKYMZL PY-50

ZKYMZL PY-50 RGBWA/UV 6-in-1 LED Moving Head Stage Light User Manual

Model: PY-50

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INTRODUCTION

This manual provides comprehensive instructions for the ZKYMZL PY-50 RGBWA/UV 6-in-1 LED Moving Head Stage Light. This compact and versatile lighting fixture is designed for various applications, including stage performances, parties, discos, and other events. It features multiple operational modes and a wide range of color options to enhance any lighting setup.



The ZKYMZL PY-50 LED Moving Head Light is suitable for diverse event environments, providing dynamic lighting effects for weddings, KTV bars, indoor performances, and outdoor shows.

SAFETY INFORMATION

- Before using this unit, ensure the voltage and frequency of the power supply match the fixture's power requirements.
- Disconnect main power before performing any maintenance.
- Do not look directly at the LED light beam while the fixture is on to prevent eye strain or damage.
- This unit is intended for indoor use only and must be protected from water and excessive vibration.
- For extended product life, operate the light for a maximum of 4 hours, then turn off the power and allow it to rest for 15 minutes.

WHAT'S IN THE BOX

Upon opening the package, verify that all components are present and undamaged:

- 1 x ZKYMZL PY-50 DJ Stage 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)



The package includes the ZKYMZL PY-50 LED Moving Head Light, a power cable, and a mounting bracket with screws for installation.

PRODUCT OVERVIEW

The ZKYMZL PY-50 is a compact and powerful moving head stage light featuring 4 x 12W RGBWA/UV 6-in-1 LEDs. This combination allows for a broad spectrum of colors, including a unique amber and UV light for special effects. The light offers smooth motor motion for precise pan and tilt movements, making it suitable for various lighting designs.



The ZKYMZL PY-50 features a control panel for mode selection and a head capable of 540° pan and 180° tilt movements. The image also shows various angles of the light, highlighting its compact design and connectivity ports.

Your browser does not support the video tag.

This video demonstrates the RGBWA/UV Mini Wash Rotating Moving Head Stage Effect Light in action, showcasing its various color changes and movement capabilities.

SETUP

Mounting the Light

The ZKYMZL PY-50 can be mounted in various positions using the included bracket. It can be mounted upside down on a ceiling, sideways on a truss, or placed on the ground. Ensure the mounting surface is stable and capable of supporting the light's weight (approximately 3.74 pounds).

1. Attach the mounting bracket to the desired surface using appropriate fasteners (screws are pre-installed on the light for bracket attachment).

2. Securely fasten the light to the bracket, ensuring it is stable and will not vibrate loose during operation.



The image illustrates the extensive pan (540°) and tilt (180°) movement range of the ZKYMZL PY-50 LED Moving Head Light, indicating its flexibility for various mounting and projection angles.

Power Connection

Connect the provided power cable to the light's power input and then to a suitable power outlet. Verify that the power supply voltage and frequency match the light's requirements.

OPERATION MODES

The ZKYMZL PY-50 offers four primary operational modes, selectable via the control panel:

- **Automatic Operation:** The light cycles through pre-programmed patterns and color changes automatically.
- **Sound Activated:** The light responds to ambient sound, changing patterns and colors in sync with music or other audio.
- **Master-Slave:** Multiple units can be linked together. One unit acts as the master, controlling the synchronized

operation of all connected slave units. After the master/slave signal line is plugged in, the slave units will automatically link to identify the host.

- **DMX 512:** For professional control, connect the light to a DMX 512 console. This mode allows for precise control over pan, tilt, color, brightness, and strobe effects. When the console signal line is plugged in, the light will automatically enter DMX mode without requiring manual D001 setting.



The image demonstrates the ZKYMZL PY-50 LED Moving Head Light's ability to project a wide array of colors, including blue, red, white, amber, purple, and green, showcasing its versatility for different lighting moods.



This image shows the ZKYMZL PY-50 LED Moving Head Light illuminating a stage with vibrant red light, demonstrating its effectiveness in live performance settings.

MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your ZKYMZL PY-50 LED Moving Head Stage Light.

- **Cleaning:** Periodically clean the exterior of the light with a soft, dry cloth. Ensure the lenses are free of dust and debris to maintain light output quality. Do not use harsh chemicals or abrasive materials.
- **Cooling:** Ensure proper ventilation around the unit. Do not block air vents. Adhere to the recommended 4-hour operation with a 15-minute rest period to prevent overheating.
- **Inspection:** Regularly check power cables and DMX connections for any signs of wear or damage. Replace damaged cables immediately.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not turn on.	No power supply; faulty cable; unit malfunction.	Check power connection and outlet. Test with a different power cable. If problem persists, contact support.
Light is not responding to DMX control.	Incorrect DMX address; faulty DMX cable; DMX signal interruption.	Verify DMX address settings. Check DMX cable connections. Ensure DMX controller is functioning correctly.
Movement is erratic or unresponsive.	Motor issue; DMX signal problem; internal fault.	Restart the unit. Check DMX connections. If problem persists, contact support.
Light overheats and shuts down.	Poor ventilation; prolonged operation without rest.	Ensure adequate airflow around the unit. Adhere to recommended operating times (4 hours on, 15 minutes rest).

SPECIFICATIONS

Key technical specifications for the ZKYMZL PY-50 LED Moving Head Stage Light:



Detailed dimensions of the ZKYMZL PY-50 LED Moving Head Light, showing its compact size for easy placement and installation.

Feature	Detail
Model Number	PY-50
Light Source	4 x 12W RGBWA/UV 6-in-1 LEDs
Power Consumption	50 Watts
Pan Movement	540 Degrees
Tilt Movement	180 Degrees
Operational Modes	Automatic, Sound Activated, Master-Slave, DMX 512
Material	Iron, Plastic
Finish Type	Polished

Feature	Detail
Product Dimensions	5.5"L x 5.5"W x 6.6"H
Item Weight	3.74 pounds (1.7 Kilograms)
Mounting Type	Wall Mount (via bracket), Ground Placement

SUPPORT

ZKYMZL is committed to providing excellent customer support. If you encounter any issues or have questions regarding your PY-50 LED Moving Head Stage Light, please contact our technical support team. We are available to assist you with inquiries and ensure your satisfaction.

For further assistance, please refer to the contact information provided with your purchase or visit the official ZKYMZL website.

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