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› Osusuent 230W LED Moving Head Light User Manual

Osusuent ZQ02042UK

Osusuent 230W LED Moving Head Light User Manual

Model: ZQ02042UK

1. INTRODUCTION

Thank you for purchasing the Osusuent 230W LED Moving Head Light. This manual provides essential information for the safe operation, installation, and maintenance of your new lighting fixture. Please read this manual thoroughly before operating the device to ensure proper use and to prevent damage.



Image: Two Osusent 230W LED Moving Head Lights, showcasing their compact design and control panel.

2. SAFETY INSTRUCTIONS

- Always connect the fixture to a grounded circuit.
- Ensure the power supply voltage matches the voltage specified on the unit.
- Do not operate the fixture if the power cord is damaged.
- Avoid direct eye exposure to the light source.
- Ensure adequate ventilation around the fixture.
- Do not open the housing; there are no user-serviceable parts inside.
- Disconnect from power before cleaning or servicing.
- This product is for indoor use only.

3. PACKAGE CONTENTS

Verify that all components are present and in good condition upon unpacking.

- 1 x 230W LED Moving Head Light (per unit purchased)
- 1 x Power Cord

- 1 x DMX Line
- 2 x Hanger Brackets
- User Manual (this document)

Packing list



2 * Hanger



1 * Power cord



1 * DMX line



1 * 7R 230W Stage Light

Image: The package contents including the moving head light, power cord, DMX cable, and two hanger brackets.

4. PRODUCT FEATURES

- **High Power Output:** 230W LED light source for bright and clear beams.
- **Extensive Movement:** X-axis (Pan) 540°, Y-axis (Tilt) 230° for dynamic stage effects.
- **Rich Color Palette:** 13+1 color wheel for vibrant lighting.
- **Gobo Patterns:** 14+1 gobo wheel for diverse projection patterns.
- **Prism Effects:** Equipped with 24 prisms for multi-beam effects.
- **Control Modes:** Self-propelled, voice-activated, master-slave, and DMX512 (16/20CH).
- **Durable Construction:** Aluminum alloy and plastic shell with efficient cooling system.
- **Long Lifespan:** Average bulb lifespan of 3000 hours.



Image: A visual representation highlighting key features such as GOBO, 230W power, Strobe, Prism, Moving Head, and Beam capabilities.

High quality LED

Super bright safe and stable line



Color Wheel:

13 Colors + White Light
with Rainbow Effect



Gobo Wheel:

14 Patterns + White Light
with Pattern Dithering Effect



Prism:

16 Prisms, Two-Way Rotatable,
Adjustable speed

Image: Close-up showing the internal mechanisms: Color Wheel with 13 colors + white light, Gobo Wheel with 14 patterns + white light, and a 16-prism, two-way rotatable prism with adjustable speed.



Image: An illustration demonstrating the extensive pan (540 degrees) and tilt (270 degrees) movement capabilities of the light fixture.

5. SETUP AND INSTALLATION

5.1 Mounting

The fixture can be mounted in various orientations (floor, truss, wall) using the provided hanger brackets. Ensure the mounting surface or truss is capable of supporting the weight of the fixture(s). Always use a safety cable when mounting overhead.

5.2 Power Connection

Connect the supplied power cord to the power input on the rear of the fixture and then to a suitable power outlet. Ensure the voltage matches the fixture's requirements (240V AC).

5.3 DMX Connection (Optional)

For DMX control, connect a DMX cable from your DMX controller's output to the DMX IN port of the first fixture. For

multiple fixtures, daisy-chain them by connecting the DMX OUT of the first fixture to the DMX IN of the next, and so on.

6. OPERATING MODES

The Osusuent 230W LED Moving Head Light offers four primary control modes:

- **Self-Propelled Mode:** The fixture operates automatically through pre-programmed sequences without external control.
- **Voice-Activated Mode:** The light reacts to sound and music, changing patterns and movements in sync with the audio.
- **Master-Slave Mode:** Connect multiple fixtures, and one unit acts as the master, controlling all other slave units to synchronize effects.
- **DMX512 Mode:** Provides professional control over all functions (Pan, Tilt, Color, Gobo, Prism, Strobe, Dimmer) using a DMX controller. The fixture supports 16 or 20 DMX channels. Refer to the DMX channel chart (not provided in this manual, typically found in a separate DMX guide or on the product's display menu) for specific channel assignments.

6.1 Control Panel Operation

The integrated LED display and buttons (MENU, UP, DOWN, ENTER) allow for mode selection, DMX address setting, and parameter adjustments.

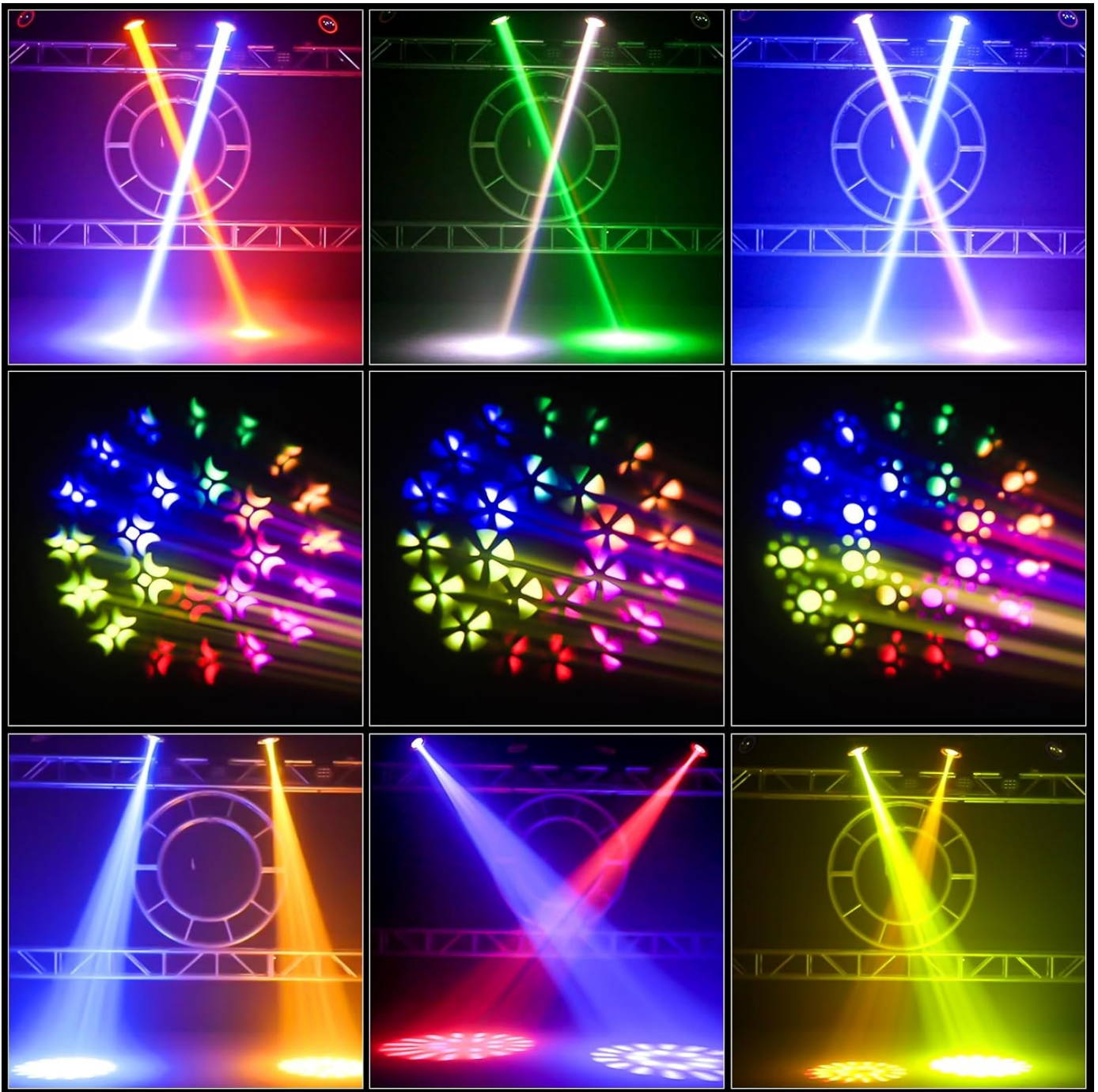


Image: A collage of different light patterns and color combinations achievable with the moving head light, demonstrating its versatility.

7. MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your fixture.

- **Cleaning:** Periodically clean the lens and housing with a soft, lint-free cloth. Do not use abrasive cleaners.
- **Fan and Vents:** Ensure cooling fans and ventilation openings are free from dust and debris. Use compressed air to clear blockages if necessary.
- **Cable Inspection:** Regularly check power and DMX cables for any signs of damage. Replace damaged cables immediately.
- **Internal Cleaning:** For internal cleaning, it is recommended to consult a qualified technician.



Image: Detailed views of the light's internal components, including the intelligent heat dissipation system, fine base bearing, convenient handle, and the prism pattern for stereoscopic effects.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
No power	Power cord disconnected, faulty outlet, blown fuse.	Check power connections, try a different outlet, inspect/replace fuse.
No DMX control	Incorrect DMX address, faulty DMX cable, DMX controller issue.	Verify DMX address, check DMX cable continuity, test with another controller.
Light flickers or behaves erratically	Loose connection, DMX signal interference, overheating.	Check all connections, ensure proper DMX termination, allow fixture to cool down.
Motor movement erratic or stuck	Obstruction, internal fault.	Ensure no physical obstructions. If problem persists, contact support.

9. SPECIFICATIONS

Feature	Detail
Brand	Osusuent
Model Number	ZQ02042UK
Light Source	230W LED
Voltage	240V AC
Product Dimensions	30 x 28 x 41 cm
Pan Movement	540 degrees
Tilt Movement	270 degrees
Beam Angle	6 degrees
Color Temperature	8000K

Feature	Detail
Control Modes	Self-propelled, Voice-activated, Master-slave, DMX512 (16/20CH)
Color Wheel	13 colors + white light
Gobo Wheel	14 patterns + white light
Prism	24 prisms
Strobe	0-13Hz
Average Bulb Lifespan	3000 hours
Material	Aluminum alloy, Plastic shell

10. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the purchase documentation or contact your retailer. Keep your proof of purchase for any warranty claims.

For recycling information regarding light bulbs, please consult local regulations or relevant recycling guidelines.

Information on cleaning and disposal of broken or damaged lamps can also be found through local environmental agencies.