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XPCLEOYZ 295B

XPCLEOYZ 275W Moving Head Light Model 295B

Instruction Manual

1. Introduction

Thank you for purchasing the XPCLEOYZ 275W Moving Head Light, Model 295B. This professional stage lighting fixture is designed to produce dynamic beam effects, vibrant colors, and intricate gobo patterns for various events and venues. This manual provides essential information for safe installation, operation, and maintenance of your device. Please read it thoroughly before use and retain it for future reference.

2. Safety Instructions

To ensure safe operation, observe the following precautions:

- Always connect the fixture to a grounded power outlet.
- Do not open the housing; there are no user-serviceable parts inside. Refer all servicing to qualified personnel.
- Avoid direct eye exposure to the light source.
- Ensure adequate ventilation around the fixture to prevent overheating. Maintain a minimum distance of 0.5 meters from flammable materials.
- Mount the fixture securely using appropriate clamps and safety cables.
- Disconnect power before cleaning or performing any maintenance.
- Do not operate the fixture if the power cord is damaged.

3. Product Overview

3.1 Key Features

- **Light Source:** 275W LED for bright and powerful beam effects.
- **Beam Effects:** 10R Beam Effect, 8 magic beams with chasing and swing conversion capabilities.
- **Gobos:** 14 static gobos for diverse pattern projections.
- **Colors:** 14 vibrant colors plus white.
- **Prisms:** Dual prism effects for dynamic beam splitting.

- **Optical System:** Linear zoom, frost filter, and rainbow wheel for versatile visual effects.
- **Movement:** Pan (X-axis) 540 degrees, Tilt (Y-axis) 270 degrees.
- **Control Modes:** DMX, Sound Control, Master-Slave, Self-Propelled (Auto).

3.2 Product Components

The XPCLEOYZ 275W Moving Head Light consists of a base, a moving head, and an optical system. The base houses the control panel, power input, and DMX connections.



Figure 1: Front view of the XPCLEOYZ 275W Moving Head Light 295B. This image displays the main unit with its lens and base, showing the overall design.



Figure 2: Overview of the 275W Moving Head Light highlighting key features such as heat dissipation, RGB color, automatic protection, multi-angle rotation, and light cycle capabilities. The image shows the light fixture alongside icons representing these features.

4. Setup

4.1 Unpacking

Carefully remove the fixture from its packaging. Inspect for any damage during transit. Retain the packaging for future transportation or storage.

4.2 Mounting

The XPCLEOYZ 275W Moving Head Light can be floor-mounted or truss-mounted. Ensure the mounting surface or truss can support the weight of the fixture (approximately 33 pounds).

- **Floor Mount:** Place the fixture on a stable, level surface.
- **Truss Mount:** Use appropriate clamps (not included) to secure the fixture to a truss. Always use a safety cable (not included) attached to the designated safety point on the fixture and the truss.

4.3 Power Connection

Connect the provided power cord to the power input on the fixture and then to a grounded electrical outlet. Ensure the voltage matches the fixture's requirements (typically 100-240V AC, 50/60Hz).

4.4 DMX Connection (Optional)

For DMX control, connect a DMX cable from your DMX controller 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. Terminate the last fixture in the chain with a DMX terminator.

5. Operating Instructions

The XPCLEOYZ 275W Moving Head Light offers multiple control modes.



Figure 3: Illustration of the multiple control modes available for the moving head light, including DMX, Sound Control, Master-Slave, and Self-Propelled (Auto) modes. The image shows the light fixture alongside icons representing these control options.

5.1 Control Panel

The fixture features an LCD display and control buttons on its base for menu navigation and setting adjustments. Refer to the on-screen menu for specific parameter settings.

5.2 DMX Control Mode

In DMX mode, the fixture is controlled by an external DMX controller. Set the DMX address for each fixture using the control panel. Each fixture requires a unique starting address to receive commands from the controller.

5.3 Sound Control Mode

In Sound Control mode, the fixture reacts to ambient sound. The built-in microphone detects sound, and the light effects synchronize with the music beat. Sensitivity can often be adjusted via the control panel.

5.4 Master-Slave Mode

Connect multiple fixtures via DMX cables. Set one fixture as the 'Master' and the others as 'Slave'. The slave units will mimic the master unit's movements and effects, creating synchronized lighting displays.

5.5 Self-Propelled (Auto) Mode

In Self-Propelled mode, the fixture runs through pre-programmed internal shows and patterns automatically. Various auto programs may be selected via the control panel.



Figure 4: Depiction of the X-axis (Pan) 540-degree and Y-axis (Tilt) 270-degree movement capabilities of the moving head light. The image shows the fixture rotating along both axes.



Figure 5: Examples of lighting effects produced by the moving head light, showcasing various colors and gobo patterns projected onto a stage or event space. The image displays different beam configurations.

6. Maintenance

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

- **Cleaning:** Periodically clean the lens and exterior housing with a soft, lint-free cloth. For stubborn dirt, use a mild glass cleaner. Ensure the fixture is powered off and cool before cleaning.
- **Ventilation:** Keep ventilation openings clear of dust and debris to prevent overheating. Use compressed air to clear vents if necessary.
- **Inspection:** Regularly inspect power cables, DMX cables, and mounting hardware for any signs of wear or damage. Replace damaged components immediately.

7. Troubleshooting

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Fixture does not power on	No power supply; Damaged power cable; Faulty outlet	Check power connection; Test power cable; Try a different outlet
No DMX control	Incorrect DMX address; Faulty DMX cable; No DMX signal; Missing terminator	Verify DMX address; Test DMX cables; Check DMX controller; Add DMX terminator
Light output is dim or inconsistent	Dirty lens; Overheating; Internal fault	Clean lens; Ensure proper ventilation; Contact support if problem persists
Moving head not responding	Motor calibration issue; DMX signal problem; Obstruction	Restart fixture; Check DMX connection; Ensure no physical obstructions

8. Specifications

Feature	Detail
Model Number	295B (Internal: XPCYT)
Brand	XPCLEOYZ
Light Source Type	LED
Light Source Wattage	275 Watts
Power Source	Corded Electric
Material	Acrylonitrile Butadiene Styrene (ABS)
Finish Type	Painted
Product Dimensions	9"L x 9"W x 10"H
Item Weight	33 pounds
Beam Angle (Pan)	540 Degrees
Beam Angle (Tilt)	270 Degrees
Gobos	14
Colors	14 + White
Prisms	2
Control Modes	DMX, Sound Control, Master-Slave, Self-Propelled
UPC	762744518707

9. Warranty and Support

Specific warranty information is not provided in the product details. Please refer to the retailer or manufacturer's website for

detailed warranty terms and conditions. For technical support or service inquiries, please contact XPCLEOYZ customer service through the platform where the product was purchased or visit their official support channels.

10. Product Videos

No official product videos from the seller were provided in the available product data. For visual demonstrations or additional information, please check the product listing page or the manufacturer's official website.

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