

[Manuals.plus](#) /

> [Xelleyte](#) /

> Xelleyte ZQ02790 Moving Head DJ Light Instruction Manual

Xelleyte ZQ02790

Xelleyte ZQ02790 Moving Head DJ Light Instruction Manual

Model: ZQ02790

Brand: Xelleyte



1. INTRODUCTION

Thank you for purchasing the Xelleyte ZQ02790 Moving Head DJ Light. This product is typically sold in multi-packs (e.g., 6 units), and this manual provides comprehensive instructions for the safe and optimal operation of a single ZQ02790 fixture. Please read this manual thoroughly before operation and retain it for future reference.



Figure 1: Example of the Xelletye ZQ02790 Moving Head DJ Light multi-pack.

2. SAFETY INSTRUCTIONS

- **Power Supply:** Ensure the power supply voltage matches the device's requirements. Disconnect power before any maintenance or cleaning.
- **Ventilation:** Do not block ventilation openings. Ensure adequate airflow around the unit to prevent overheating.
- **Environment:** Operate the device in a dry environment. Avoid exposure to water, moisture, or extreme temperatures.
- **Installation:** Securely mount the device using appropriate hardware. Ensure the mounting surface can support the weight of the fixture.
- **Laser Safety:** This product contains a Class I laser. Do not stare directly into the laser aperture. Avoid direct eye exposure to the laser beam.
- **Servicing:** Refer all servicing to qualified personnel. Do not attempt to repair the unit yourself.



Figure 2: Side view showing the Class I Laser Product warning label on the fixture.

3. PRODUCT OVERVIEW

The Xelletye ZQ02790 features a compact design with multiple lighting elements to create diverse effects.



Figure 3: Top view of a single ZQ02790 unit, highlighting the central light and six adjustable arms.

3.1 Components

- **Central Light:** Provides mixed lighting effects including beam, pattern, and wave dot.
- **Six Arms:** Each arm contains RGBW LED lights for additional effects.
- **Control Panel:** Digital display and buttons for mode selection and DMX addressing.
- **Mounting Bracket:** For secure installation.
- **Power Input:** Standard AC power connection.
- **DMX In/Out:** XLR connectors for DMX-512 control.



Figure 4: Control panel with digital display and navigation buttons.



Figure 5: Rear connections including power input and DMX ports.

4. SETUP AND INSTALLATION

4.1 Unpacking

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

4.2 Mounting

The ZQ02790 can be mounted on a truss, ceiling, or placed on a flat surface. Ensure the mounting location is stable and can support the fixture's weight. Use appropriate clamps and safety cables (not included) when suspending the unit.

1. Attach the mounting bracket securely to the fixture.
2. Secure the fixture to the desired surface or truss using suitable hardware.
3. For overhead installations, always use a safety cable as a secondary attachment.

4.3 Power Connection

Connect the provided power cable to the power input socket on the rear of the fixture and then to a suitable AC power outlet. Ensure the voltage matches the specifications.

4.4 DMX Connection (Optional)

For DMX control, connect a DMX cable from your DMX controller's output to the DMX IN port of the first ZQ02790 unit. For multiple units, daisy-chain them by connecting the DMX OUT of the first unit to the DMX IN of the next, and so on. Terminate the last unit in the chain with a DMX terminator (not included) for optimal signal integrity.

5. OPERATING MODES

The Xelletye ZQ02790 offers five distinct operating modes, selectable via the control panel or remote control.

5.1 Remote Control Mode

Use the included remote control to easily switch between various pre-programmed effects, colors, and modes. Point the remote directly at the front of the light fixture for best reception.

5.2 DMX-512 Mode (22 Channels)

This mode allows for professional control over all functions of the light using a DMX-512 controller. Each fixture requires a unique DMX address. Refer to the DMX channel chart (typically provided separately or available online) for detailed control parameters for the 22 channels.

- **Setting DMX Address:** Use the control panel (UP/DOWN/MENU/ENTER buttons) to set the starting DMX address for each fixture.
- **Channel Functions:** DMX channels control various aspects such as pan, tilt, color, gobos, strobe, and effect selection.

5.3 Sound Activated Mode

In this mode, the light reacts to ambient sound or music. The built-in microphone detects sound, triggering dynamic light patterns and color changes. Sensitivity can often be adjusted via the control panel or remote.

5.4 Master/Slave Mode

Connect multiple ZQ02790 units via DMX cables. Set one unit as the "Master" and the others as "Slave" units. The slave units will then mirror the effects and movements of the master unit, creating synchronized lighting displays without a dedicated DMX controller.

5.5 Self-Propelled Mode (Auto Mode)

The fixture cycles through a series of pre-programmed internal shows and patterns automatically. This mode is ideal for quick setup and continuous operation without external control.

6. MAINTENANCE

6.1 Cleaning

Regular cleaning helps maintain optimal light output and extends the lifespan of the fixture.

- Disconnect power before cleaning.
- Use a soft, lint-free cloth to wipe the exterior casing.
- Gently clean lenses with a soft cloth and a mild glass cleaner (non-abrasive).
- Ensure no liquid enters the fixture.

6.2 Storage

When not in use, store the fixture in its original packaging or a protective case in a dry, dust-free environment.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
No power	Power cable disconnected, faulty outlet, blown fuse.	Check power connections. Test outlet. Replace fuse if necessary (refer to specifications for fuse type).
No DMX control	Incorrect DMX address, faulty DMX cable, no DMX terminator, controller issue.	Verify DMX address. Check DMX cable integrity. Ensure DMX terminator is used on the last fixture. Test with another DMX controller.
Light not responding to sound	Sound activated mode not selected, microphone sensitivity too low, no sound input.	Ensure Sound Activated mode is active. Adjust microphone sensitivity. Provide clear sound input.
Overheating	Blocked ventilation, prolonged use in high ambient temperature.	Ensure ventilation openings are clear. Allow for proper airflow. Reduce ambient temperature if possible.

8. SPECIFICATIONS

Model	ZQ02790
Brand	Xelleye
Light Source	RGBW LED, Class I Laser (Output: <0.39mW, Feasible distance: 100mm)
Lighting Effects	Beam, pattern, wave dot, white light strobe, golden light strobe, light strip, abyss mirror

Operating Modes	Remote Control, DMX-512 (22 Channels), Sound Activated, Master/Slave, Self-Propelled
Material	Plastic
Product Dimensions	12.2"L x 12.2"W x 6.3"H (31cm x 31cm x 16cm)
Item Weight	5.7 Pounds (2.59 kg)
Batteries	12 Lithium Ion batteries required (included) - <i>Note: These batteries are typically for the remote control or internal memory backup, not the main power source for the light fixture itself.</i>
Manufacturer	Shenzhen Zhuoqiong Technology Co., Ltd.

9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation provided with your purchase or contact Xelletye customer service through the retailer where the product was purchased. Keep your proof of purchase for warranty claims.

For further assistance, you may visit the [Xelletye Store on Amazon](#).