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Datewink ZQ02103

Datewink Moving Head DJ Lights User Manual

Brand: Datewink | **Model:** ZQ02103

1. INTRODUCTION

The Datewink Moving Head DJ Lights are designed to provide dynamic and versatile lighting effects for various occasions, including DJ setups, ballrooms, KTV, parties, discos, theaters, weddings, churches, bars, and home events. These lights feature advanced control modes, high-brightness LED lamp beads, and precise movement capabilities to create captivating visual experiences.



Figure 1: Four Datewink Moving Head DJ Lights (4-Pack)

2. WHAT'S IN THE BOX

Upon opening the package, please ensure all components are present:

- 4 x Moving Head DJ Lights
- 4 x Power Cords
- 8 x Hook Accessories (Mounting Brackets)

- 1 x Instruction Manual

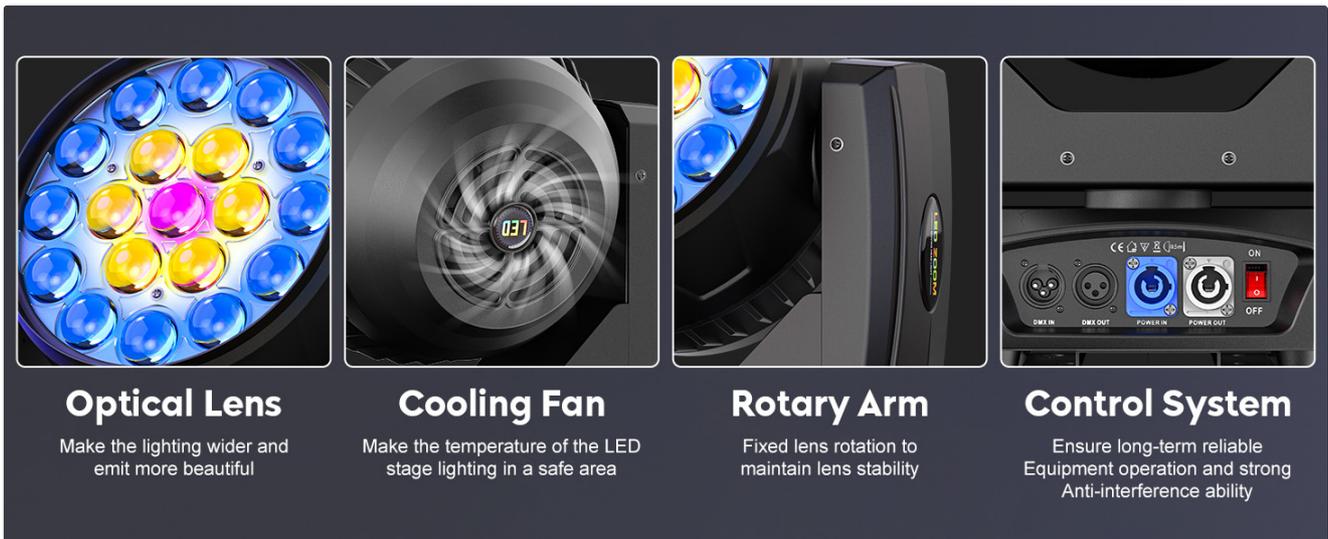


Figure 2: Packaging List - Ensure all items are included.

3. SETUP

3.1 Initial Placement

The DJ lights can be easily mounted upside down or sideways on a ceiling truss using the provided mounting brackets, or simply placed on the ground. Ensure the surface is stable and can support the weight of the unit (approximately 14.2 lbs per light). The bottom of the unit is equipped with anti-slip and wear-resistant foot pads for stability when placed on a flat surface.



Figure 3: Product Dimensions and Mounting Options.

3.2 Power Connection

Connect the provided power cord to the "POWER IN" port on the rear control panel of the light. The unit also features a "POWER OUT" port, allowing you to daisy-chain power to multiple units, simplifying cable management for larger setups.

3.3 Control Panel Overview

The rear control panel features an LCD display and navigation buttons for mode selection and settings adjustment. It also includes DMX IN and DMX OUT ports for external control.



Figure 4: Rear Control Panel and Connectivity.

4. OPERATING MODES

The Datewink Moving Head DJ Lights offer four primary control modes, providing unparalleled flexibility for various lighting scenarios:

- **Automatic Mode:** The light runs through pre-programmed sequences automatically.
- **Sound-Activated Mode:** The light reacts to ambient sound and music, creating dynamic effects synchronized with the audio.
- **Master-Slave Mode:** Connect multiple units, where one unit acts as the master, controlling the synchronized behavior of all connected slave units.
- **DMX512 Control:** For professional control, connect the light to a DMX512 controller. This mode offers 16 channels for precise manipulation of various parameters, including pan (X-axis: 540°) and tilt (Y-axis: 270°) movements, color mixing, dimming, strobe, and zoom effects.

4.1 Light Effects and Movement

The lights utilize 19x10W high-brightness four-in-one LED lamp beads, offering uniform pure color dyeing and a color mixing range of up to 16.7 million colors. The spot size can be linearly adjusted through electronic focusing, providing beam, wash, and zoom effects.

19LED RGBW 4-IN-1 BEAM LIGHT

Jump/Gradient/Pulse/Strobe



Figure 5: 19LED RGBW 4-in-1 Beam Light Effects (Jump/Gradient/Pulse/Strobe).

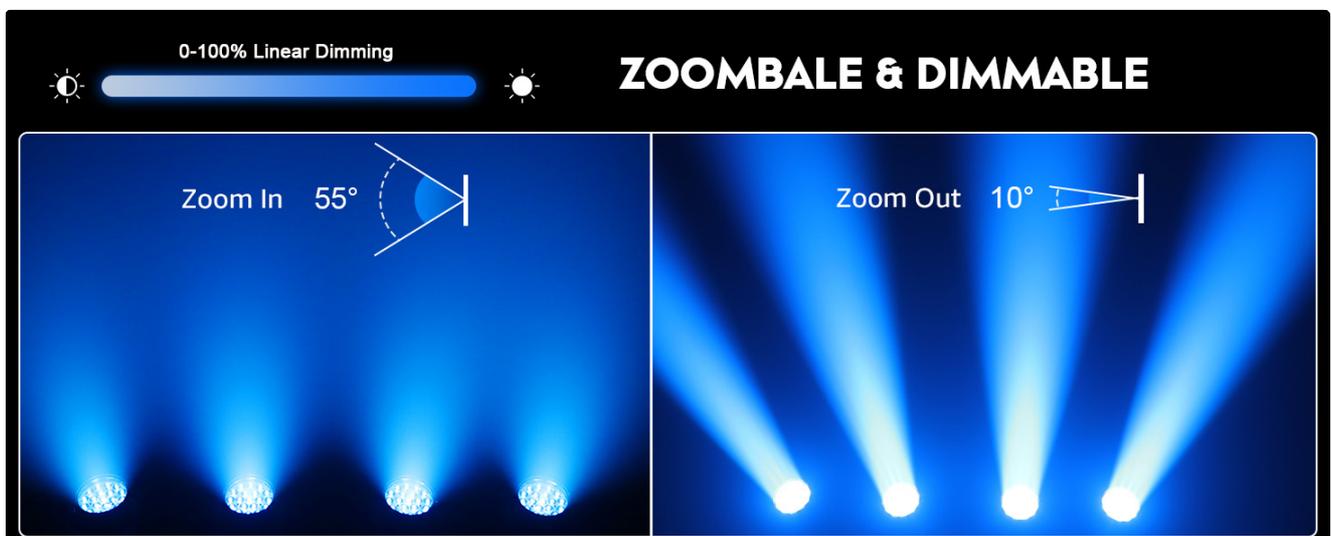


Figure 6: Zoomable and Dimmable Functionality.



Figure 7: Detailed Zoom In and Zoom Out Effects.



Figure 8: Precise X-axis (540°) and Y-axis (270°) Movement.

Fine-tuning precision of 0.008° on the X-axis and 0.004° on the Y-axis ensures seamless and customizable lighting effects. The strobe functionality ranges from 1-20Hz, enabling dynamic visual effects.

5. MAINTENANCE

To ensure the longevity and optimal performance of your Datewink Moving Head DJ Lights, regular maintenance is recommended:

- **Cleaning:** Regularly clean the lenses and exterior of the unit with a soft, lint-free cloth. Avoid using abrasive cleaners or solvents.
- **Cooling System:** Ensure the cooling fan and vents are free from dust and debris to maintain proper airflow and prevent overheating. The integrated cooling fan helps keep the LED temperature in a safe range.
- **Inspection:** Periodically check all cables and connections for any signs of wear or damage. Ensure mounting brackets are securely fastened.



Figure 9: Key Components for Performance and Maintenance.

6. TROUBLESHOOTING

If you encounter issues with your Datewink Moving Head DJ Lights, please refer to the following common troubleshooting steps:

- **No Power:**
 - Ensure the power cord is securely connected to both the unit and a working power outlet.
 - Check the ON/OFF switch on the rear panel.
 - Verify the power source is active.
- **No DMX Control:**
 - Confirm DMX cables are correctly connected (DMX IN to DMX OUT of previous unit/controller).
 - Check DMX address settings on the light and controller.
 - Ensure the DMX controller is functioning correctly.
- **Light Not Moving/Responding:**
 - Check the selected operating mode on the LCD display.
 - In DMX mode, verify the correct DMX channels are being sent for movement.
 - Ensure there are no physical obstructions to the light's movement.
- **Dim or Incorrect Colors:**
 - Check dimming settings in DMX mode or auto mode.
 - Verify color mixing settings if using DMX control.

If problems persist after attempting these steps, please contact customer support for further assistance.

7. SPECIFICATIONS

Below are the detailed specifications for the Datewink Moving Head DJ Lights:

Feature	Specification
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Brand	Datewink
Model Number	ZQ02103
Color	Black1
Material	Acrylonitrile Butadiene Styrene (ABS)
Light Source Type	Light Emitting Diode (LED)
Number of Light Sources	19 (19x10W LED lamp beads)
Power Source	Corded Electric
Control Modes	Automatic, Sound-activated, Master-Slave, DMX512 (16CH)
X-axis Movement	540° (Precision: 0.008°)
Y-axis Movement	270° (Precision: 0.004°)
Strobe Functionality	1-20Hz
Color Mixing	Up to 16.7 million kinds of colors
Product Dimensions (L x W x H)	12.59" x 8.81" x 15.74"
Item Weight	6.45kg / 14.2lbs (per unit)
Manufacturer	Shenzhen Zhuoqiong Technology Co., Ltd.
Country of Origin	China
Date First Available	December 2, 2024



Figure 10: Key Features of the Moving Head Light.

8. WARRANTY & SUPPORT

Datewink provides friendly after-sale service and technology support for every customer. For warranty information, technical assistance, or any product-related inquiries, please refer to the contact details provided on the product packaging or the official Datewink website.