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Datewink ZQ02103

Datewink ZQ02103 Moving Head DJ Light Instruction Manual

Model: ZQ02103

INTRODUCTION

Thank you for choosing the Datewink ZQ02103 Moving Head DJ Light. This professional stage lighting fixture offers versatile effects including beam, wash, and zoom, controlled via DMX512 or sound activation. Designed for various events, this manual provides essential information for safe operation, setup, and maintenance to ensure optimal performance.



Image: Six Datewink ZQ02103 Moving Head DJ Lights, showcasing the product's design and quantity in a typical package.

IMPORTANT SAFETY INFORMATION

- Always connect the fixture to a grounded circuit to avoid the risk of electrocution.
- Ensure proper ventilation around the fixture to prevent overheating. Do not block ventilation openings.
- Do not operate the fixture if the power cord is damaged. Contact qualified service personnel for repairs.
- Avoid direct eye exposure to the light source.
- Installation and servicing should only be performed by qualified personnel.
- Keep the fixture away from moisture and extreme temperatures.

PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- Moving Head DJ Light (Quantity: 6)
- Power Cord (Quantity: 6)

- Hook Accessories (Quantity: 12, 2 per light)
- Instruction Manual (Quantity: 1)



Image: A single Datewink Moving Head DJ Light shown with its power cord, mounting hooks, and instruction manual, illustrating the typical contents of one unit's packaging.

PRODUCT OVERVIEW

The Datewink ZQ02103 Moving Head DJ Light features 19x10W high-brightness four-in-one LED lamp beads, offering a wide range of colors and dynamic effects. Key features include:

- **High Brightness Output:** Utilizes 19x10W RGBW 4-in-1 LED lamp beads for pure color and uniform dyeing effects.
- **Versatile Effects:** Capable of beam, wash, and zoom effects with linear electronic focusing.
- **Precise Movement:** X-axis (Pan) rotation of 540° and Y-axis (Tilt) rotation of 270° with fine-tuning precision.
- **Strobe Functionality:** Adjustable strobe rate from 1-20Hz.
- **Multiple Control Modes:** Supports Automatic, Sound-activated, Master-slave, and DMX512 (16-channel) control.



Image: A detailed view of the Datewink Moving Head DJ Light, illustrating its key features such as high-quality LED beads, multiple color options, linear dimming, and versatile beam, wash, and zoom effects.

SETUP AND INSTALLATION

The Datewink ZQ02103 Moving Head DJ Light can be installed in various positions, including ceiling-mounted, truss-mounted, or placed on a flat surface. Always ensure the mounting surface or structure can support the weight of the fixture(s).

Mounting Options:

- **Ceiling/Truss Mounting:** Use the provided hook accessories to securely attach the light to a truss or ceiling structure. Ensure safety cables are used as a secondary attachment.
- **Floor Placement:** The fixture is equipped with anti-slip and wear-resistant foot pads for stable placement on flat surfaces.



Image: Illustration of the Datewink Moving Head DJ Light's flexible installation options, including truss mounting and floor placement, along with its physical dimensions.

Power Connection:

Connect the provided power cord to the power input on the rear of the fixture and then to a suitable power outlet. Ensure the power supply matches the fixture's requirements.

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.



Image: Rear view of two Datewink Moving Head DJ Lights, detailing the DMX input/output ports, power input/output, and the main power switch for connectivity.

OPERATING MODES

The Datewink ZQ02103 offers four primary control modes:

1. **Automatic Mode:** The fixture runs through pre-programmed light sequences without external input.
2. **Sound-Activated Mode:** The light reacts to ambient sound, changing patterns and colors in sync with music or audio.
3. **Master-Slave Mode:** One fixture acts as the master, controlling other connected slave fixtures to synchronize effects.
4. **DMX512 Control:** Provides comprehensive control over all light functions (color, movement, dimming, strobe, zoom) using a DMX controller. This mode utilizes 16 channels for detailed adjustments.

Movement and Effects:

- **Pan/Tilt:** The fixture offers 540° pan (X-axis) and 270° tilt (Y-axis) movement.
- **Zoom:** Electronically adjustable zoom from 10° (zoom out) to 55° (zoom in).
- **Dimming:** 0-100% linear dimming for smooth intensity control.
- **Color Mixing:** 16.7 million color combinations possible with RGBW LEDs.

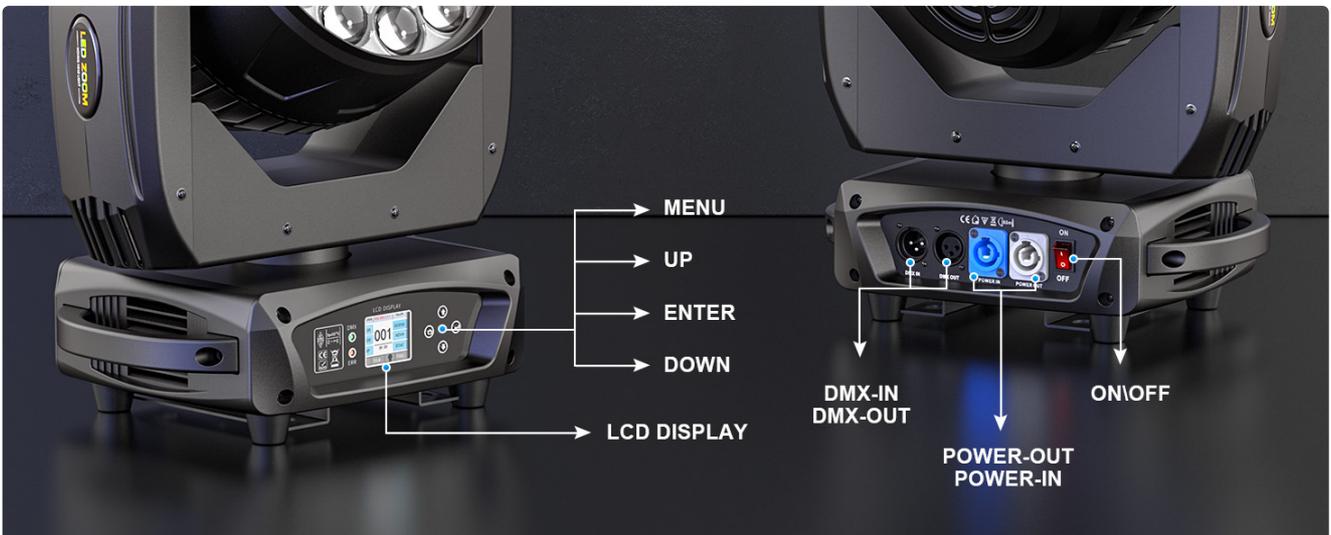


Image: Visual representation of the Datewink Moving Head DJ Light's extensive pan (X-axis) and tilt (Y-axis) movement capabilities.



Image: Demonstrates the zoomable and dimmable features of the light, showing how the beam angle can be adjusted from wide (55°) to narrow (10°) and the intensity from 0% to 100%.

DMX512 CONTROL

The ZQ02103 fixture uses 16 DMX channels for comprehensive control. Refer to the detailed DMX channel chart in the full instruction manual for specific functions assigned to each channel. Basic DMX setup involves:

- Setting a unique DMX address for each fixture using the onboard LCD display.
- Connecting the DMX controller to the first fixture, and then daisy-chaining subsequent fixtures.
- Using the DMX controller to send commands for pan, tilt, color, dimming, strobe, and zoom.



Image: Illustrates the adjustable color temperature feature, showing a spectrum from warm white (2400K) to cool white (8500K).

MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your Datewink ZQ02103 Moving Head DJ Light.

- **Cleaning:** Periodically clean the lenses and exterior casing with a soft, lint-free cloth. Do not use abrasive cleaners.

- **Ventilation:** Ensure ventilation openings are free from dust and debris to maintain proper cooling. The fixture includes an internal cooling fan.
- **Inspection:** Regularly check power cables and DMX connections for any signs of wear or damage.



Image: Close-up views highlighting the optical lens for wider light emission, the cooling fan for temperature regulation, the rotary arm for lens stability, and the robust control system for reliable operation.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Fixture does not power on.	No power supply; faulty cable; power switch off.	Check power connection, cable integrity, and power switch.
No DMX control.	Incorrect DMX address; faulty DMX cable; DMX controller issue.	Verify DMX address, check DMX cable connections, test with another DMX controller.
Light output is dim or inconsistent.	Dimmer setting too low; overheating; internal fault.	Adjust dimmer settings, ensure proper ventilation, contact support if issue persists.
Movement is erratic or unresponsive.	Mechanical obstruction; DMX signal issue; internal motor fault.	Check for obstructions, verify DMX signal, power cycle the unit.

TECHNICAL SPECIFICATIONS

Feature	Detail
Model Number	ZQ02103
Light Source Type	Light Emitting Diode (LED)
LED Power	19 x 10W RGBW 4-in-1 LEDs
Control Modes	Auto, Sound-activated, Master-slave, DMX512 (16CH)
Pan Movement (X-axis)	540° with 0.008° precision
Tilt Movement (Y-axis)	270° with 0.004° precision

Feature	Detail
Zoom Angle	10° - 55° (Electronic Focusing)
Dimming	0-100% Linear
Strobe Rate	1-20Hz
Color Mixing	16.7 million colors
Power Source	Corded Electric
Material	Acrylonitrile Butadiene Styrene (ABS)
Product Dimensions	12.59"L x 8.81"W x 15.74"H
Weight	6.45kg / 14.2lbs (per unit, estimated from image)
Manufacturer	Shenzhen Zhuoqiong Technology Co., Ltd.

CUSTOMER SUPPORT

For technical assistance, warranty inquiries, or any questions regarding your Datewink ZQ02103 Moving Head DJ Light, please contact Datewink customer service. Refer to your purchase documentation for specific contact details or visit the official Datewink website.

Manufacturer: Shenzhen Zhuoqiong Technology Co., Ltd.