

beamz MHL36

Beamz MHL36 Moving Head Light Set User Manual

Model: MHL36 | Brand: Beamz

1. IMPORTANT SAFETY INFORMATION

Please read this manual carefully before operating the Beamz MHL36 Moving Head Light Set. Keep these instructions for future reference. Failure to follow these safety guidelines may result in electric shock, fire, or personal injury.

- **Power Supply:** Ensure the unit is connected to a power supply that matches the voltage specified on the device (220-240V AC, 50Hz).
- **Ventilation:** Always ensure adequate ventilation around the unit to prevent overheating. Do not block ventilation openings.
- **Moisture:** Do not expose the unit to rain, moisture, or any liquids. This product is designed for indoor use only.
- **Cleaning & Service:** Disconnect the unit from the power supply before cleaning or performing any maintenance. Refer all servicing to qualified personnel.
- **Eye Exposure:** Avoid direct eye exposure to the light source. The light output is intense and can cause eye damage.
- **Mounting:** When suspending the unit, always use appropriate safety cables and clamps. Ensure the mounting surface or truss can support the weight of the fixture.
- **Temperature:** Do not operate the unit in extremely high or low temperatures.

2. SETUP AND INSTALLATION

Follow these steps to set up your MHL36 Moving Head Light Set.

2.1 Unpacking

Carefully remove the two MHL36 moving head units and the carrying bag from their packaging. Inspect both units for any signs of damage that may have occurred during transit. If any damage is found, contact your retailer immediately.



Beamz MHL36 Moving Head Light Set with carrying bag.

2.2 Mounting

The MHL36 units can be placed on a flat, stable surface or securely mounted to a truss system. When mounting, ensure the fixture is firmly attached using appropriate clamps (not included) and a safety cable. Always double-check all connections before operation.



Side view of the Beamz MHL36 Moving Head, showing its compact design.

2.3 Power Connection

Connect the provided power cable to the 'POWER IN' socket located on the rear panel of each MHL36 unit. Then, plug the other end of the power cable into a suitable grounded electrical outlet (220-240V AC, 50Hz).

2.4 DMX Connection (Optional)

For external control via a DMX controller:

1. Connect a 3-pin DMX cable from your DMX controller's output to the 'DMX IN' socket of the first MHL36 unit.
2. To link multiple units, connect a DMX cable from the 'DMX OUT' socket of the first unit to the 'DMX IN' socket of the next unit in the chain. Continue this for all units.
3. Set a unique DMX address for each unit using its control panel to ensure individual control.



Rear panel of the MHL36 Moving Head, displaying DMX input/output and power connection.

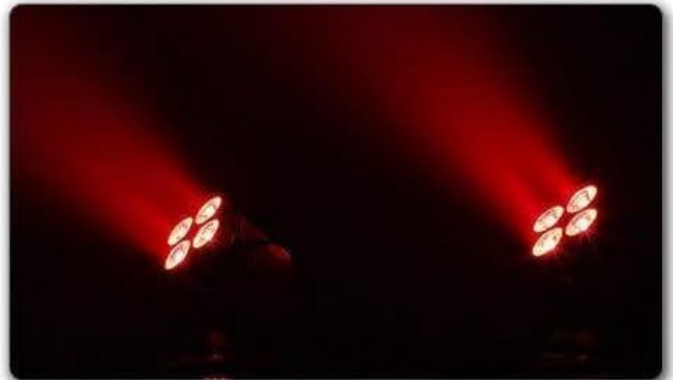
3. OPERATING INSTRUCTIONS

The MHL36 Moving Head Light Set offers various operating modes and functions.

3.1 Control Panel

Each unit features a 4-digit LED display and four control buttons:

- **MENU:** Cycles through the main menu options.
- **UP/DOWN:** Navigates through menu options or adjusts parameter values.
- **ENTER:** Confirms the current selection or value.



Close-up of the Beamz MHL36 Moving Head, highlighting the 4x9W RGBW LEDs and control panel.

3.2 Operating Modes

Select an operating mode using the MENU button and adjust with UP/DOWN, then confirm with ENTER.

- **DMX Mode:** For professional control via a DMX controller. The MHL36 supports 14 and 16 DMX channel modes. Refer to the DMX chart (usually found in a separate DMX manual or online) for channel assignments.
- **Stand-alone Mode:**
 - **Auto Show:** The unit performs pre-programmed light sequences. Multiple auto programs may be available for selection.
 - **Sound-Activated Mode:** The unit reacts to ambient sound via its built-in microphone, creating dynamic light shows synchronized to music. Sensitivity can often be adjusted.
- **Master/Slave Mode:** Link multiple MHL36 units for synchronized operation without a DMX controller. Set one unit as the 'Master' (e.g., in Auto or Sound mode) and the others as 'Slave' units. Connect them via DMX cables (DMX OUT of Master to DMX IN of first Slave, etc.).

3.3 Functions

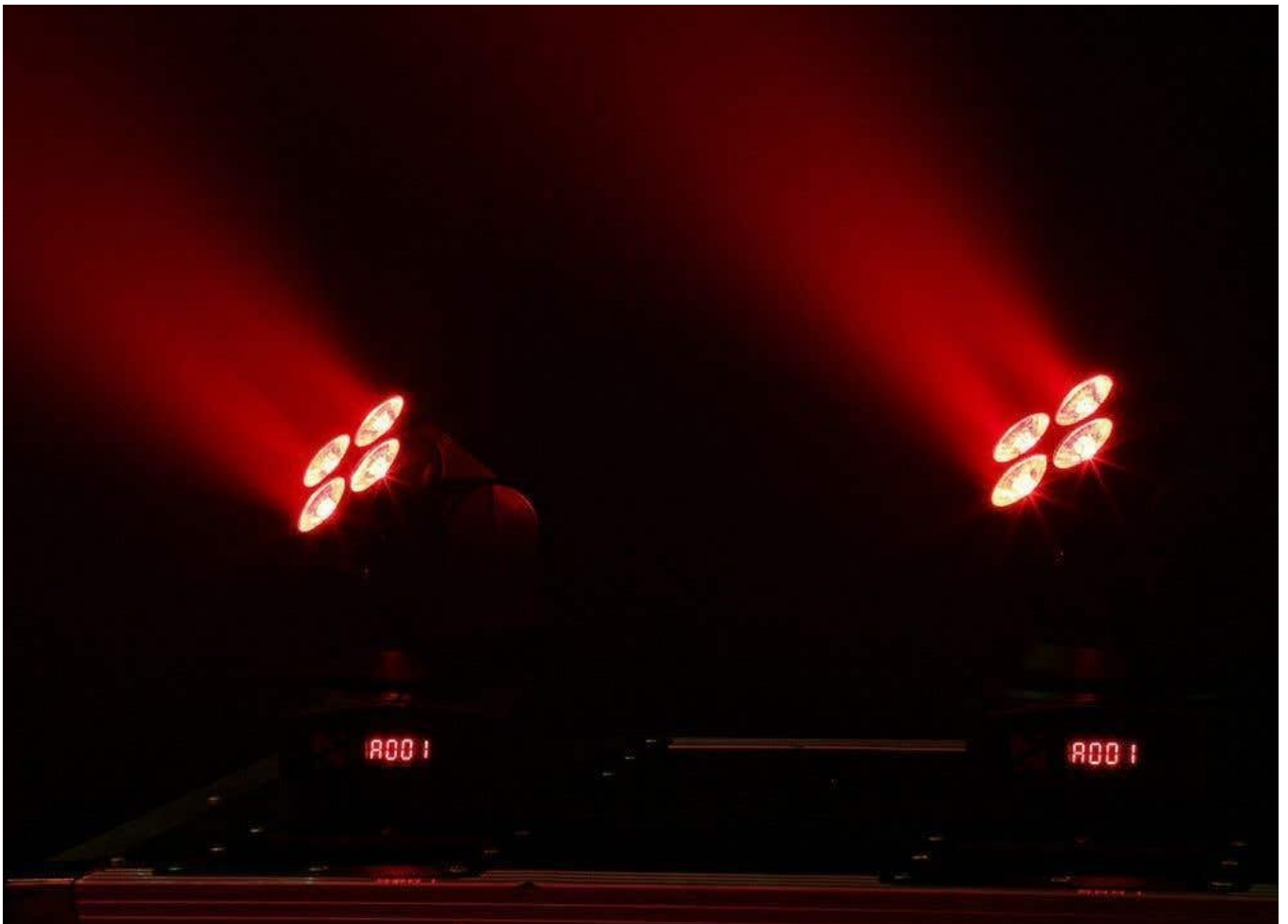
- **Pan/Tilt Movement:** The moving head offers a wide range of motion with 540° pan (horizontal) and 180° tilt (vertical) movements, allowing for dynamic beam positioning.
- **RGBW Color Mixing:** Equipped with 4x9W 4-in-1 RGBW LEDs, the unit can produce a vast spectrum of colors by mixing Red, Green, Blue, and White light.
- **Strobe:** An adjustable strobe effect provides pulsating light for energetic sequences.
- **Electronic Dimmer:** Smooth electronic dimming from 0% to 100% allows for precise control over light intensity.



Green light effect.



Red light effect.



4. MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your MHL36 units.

4.1 Cleaning

- Always disconnect the unit from the power supply before cleaning.
- Use a soft, lint-free cloth to wipe the exterior casing.
- Periodically clean the lenses with a soft cloth and a non-abrasive lens cleaner to maintain light output clarity.
- Do not use harsh chemicals, solvents, or abrasive materials, as these can damage the finish or optical components.

4.2 Storage

When not in use, store the MHL36 units in a dry, dust-free environment. The provided carrying bag is ideal for protecting the units during transport and storage.

5. TROUBLESHOOTING

If you encounter issues with your MHL36 Moving Head Light Set, refer to the following common problems and solutions.

- **No Power:**
 - Check that the power cable is securely connected to both the unit and the power outlet.
 - Verify that the power outlet is functional by plugging in another device.
 - Inspect the unit's fuse (if accessible) and replace if blown (ensure correct fuse type).
- **No Light Output:**
 - Ensure the unit is powered on and the display is active.
 - Check the dimmer settings; it might be set to 0%.
 - If in DMX mode, verify that the DMX signal is present and the correct channels are being controlled.
- **No DMX Control / Erratic Behavior:**
 - Confirm that DMX cables are correctly connected (DMX OUT to DMX IN).
 - Ensure each unit has a unique DMX address set.
 - Check the DMX controller's output and settings.
 - For long DMX chains, ensure a DMX terminator is used at the end of the chain.
- **Movement Issues (Pan/Tilt):**
 - Ensure the unit is not physically obstructed.
 - If in DMX mode, check the DMX channels controlling pan and tilt.
 - Try power cycling the unit to reset its internal motors.

6. SPECIFICATIONS

Detailed technical specifications for the Beamz MHL36 Moving Head Light Set.

Feature	Specification
Brand	beamz
Model Number	MHL36
Light Source Type	LED
Number of LEDs	4 (4-in-1 RGBW)
LED Power	9W per LED (Total 36W LED power)
Total Power Consumption	85 Watts
Max Light Output	5800 Lumens
Beam Angle	26 Degrees
Pan Movement	540°
Tilt Movement	180°
Control Modes	DMX, Stand-alone (Auto, Sound-activated), Master/Slave
DMX Channels	14, 16
Features	DMX Mode, Color Strobe, Electronic Dimmer, RGBW Color Mixing, 4 Shows
Power Source	Wired Electric
Mounting Type	Rack Mount
Material	Metal, Plastic (Shade Material)
Shape	Rectangular
Finish	Lacquered
Product Weight	4.1 Kilograms
Smart Home Compatibility	Not Smart Home Compatible
Included Elements	1 (Set of 2 reflectors with carrying case)

7. WARRANTY AND SUPPORT

For warranty claims or technical assistance, please refer to the following information.

7.1 Warranty Information

This product is typically covered by a 30-day return policy from the date of purchase. For specific warranty terms and conditions beyond this period, please consult your original retailer or the official Beamz website. Keep your proof of purchase for any warranty claims.

7.2 Customer Support

If you require technical support, have questions about operation, or need assistance with troubleshooting that is not covered in this manual, please contact your retailer or the Beamz customer support team. When contacting support, please have your product model number (MHL36) and purchase details readily available.

You can often find contact information for Beamz support on their official website or through your product's point of purchase.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question