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Audibax Monster 200 Hybrid

Audibax Monster 200 Hybrid Moving Head User Manual

Model: Monster 200 Hybrid

Brand: Audibax

1. Introduction

The Audibax Monster 200 Hybrid is a high-performance moving head lighting fixture designed for professional use in discos, events, and stage productions. It features a powerful 200W white LED, advanced DMX control capabilities, and a versatile array of color and gobo effects to create dynamic and captivating light shows. This manual provides essential information for the safe and effective operation of your device.





Figure 1: Audibax Monster 200 Hybrid - Front-side view with green light effect.

2. Safety Instructions

Please read these safety instructions carefully before operating the device. Failure to follow these instructions may result in injury or damage to the product.

- **Electrical Safety:** Always connect the device to a grounded power outlet. Ensure the voltage matches the specifications of the unit. Disconnect power before cleaning or servicing.
- **Ventilation:** Ensure adequate ventilation around the unit. Do not block ventilation openings. Overheating can lead to malfunction or fire.
- **Indoor Use Only:** This device is designed for indoor use. Do not expose it to rain, moisture, or extreme temperatures.
- **Professional Installation:** Installation and rigging should be performed by qualified personnel. Ensure the mounting structure can support the weight of the fixture.
- **Avoid Direct Eye Exposure:** Do not look directly into the light source when the fixture is operating, as it can cause eye damage.

- **Maintenance:** Refer to the maintenance section for proper cleaning and care. Do not attempt to repair the unit yourself. Contact qualified service personnel.

3. What's in the Box

Upon unpacking your Audibax Monster 200 Hybrid, please ensure all components are present and undamaged:

- Audibax Monster 200 Hybrid Moving Head Fixture
- Power Cable
- User Manual (this document)

4. Setup and Installation

Proper setup is crucial for the performance and safety of your moving head fixture.

4.1 Mounting

The Audibax Monster 200 Hybrid can be mounted in various orientations (e.g., truss, floor). Ensure the mounting surface or truss system is capable of supporting the fixture's weight (18 kg) and any additional forces during operation. Use appropriate clamps and safety cables.



Figure 2: Audibax Monster 200 Hybrid - Front view.

4.2 Power Connection

Connect the provided power cable to the POWER IN connector on the rear of the unit. The fixture also features a POWER OUT connector for daisy-chaining power to other compatible units. Ensure the total current draw does not exceed the circuit's capacity.

4.3 DMX Connection

For DMX control, connect a DMX cable from your DMX controller's output to the DMX IN connector on the fixture. If daisy-chaining multiple fixtures, connect the DMX OUT of the first fixture to the DMX IN of the next. Terminate the last fixture in the chain with a DMX terminator.



Figure 3: Rear panel with connections.

4.4 LCD Display Adjustment

The unit features an LCD display that can be adjusted up to 180 degrees for optimal viewing depending on the installation position. This allows for easier menu navigation and status monitoring.

5. Operating Instructions

The Audibax Monster 200 Hybrid offers various control options and features for dynamic lighting effects.

5.1 Control Panel and LCD Display

The control panel, located on the base of the unit, consists of an LCD display and navigation buttons (MENU, UP, DOWN, OK). Use these buttons to navigate through the menu options and configure settings such as DMX address, operating modes, and internal programs.





Figure 4: LCD Display and Control Buttons.

5.2 DMX Control

The fixture supports DMX control, typically utilizing 20 channels for comprehensive manipulation of its features. Refer to the DMX chart in the appendix (if provided separately) for detailed channel assignments.

- **Pan and Tilt:** The unit offers a wide range of movement with 540° pan and 270° tilt, each with fine adjustment capabilities for precise positioning.
- **Color Wheel:** Features a color wheel with 9 distinct colors plus an open white, and a half-color effect for smooth transitions.
- **Static Gobo Wheel:** Includes a static gobo wheel with 10 different patterns plus an open position.
- **Rotation Gobo Wheel:** Equipped with a rotating gobo wheel offering 7 patterns plus an open position, allowing for dynamic projections.
- **Prism:** A 4-facet prism with bidirectional rotation can be engaged to multiply the gobo image, creating expansive visual effects.
- **Focus and Dimmer:** Control over focus ensures sharp projections at various distances. The electronic dimmer allows for smooth intensity adjustments from 0-100%.
- **Strobe:** Adjustable strobe effects are available for pulsating light sequences.



Figure 5: Color capabilities of the Monster 200 Hybrid.

6. Maintenance

Regular maintenance ensures the longevity and optimal performance of your Audibax Monster 200 Hybrid.

- **Cleaning:** Periodically clean the exterior of the fixture with a soft, dry cloth. For optical components (lens, gobos), use a lint-free cloth and a specialized lens cleaning solution. Ensure the unit is powered off and cool before cleaning.
- **Ventilation Grilles:** Keep ventilation grilles free from dust and debris to ensure proper airflow and prevent overheating. Use compressed air to clear blockages if necessary.
- **Cable Connections:** Regularly check all power and DMX cable connections for wear, damage, or loose fittings. Replace damaged cables immediately.
- **General Inspection:** Inspect the fixture for any signs of physical damage, loose screws, or unusual noises during operation. Address any issues promptly.

7. Troubleshooting

This section addresses common issues you might encounter with your Audibax Monster 200 Hybrid.

Problem	Possible Cause	Solution
No Power	Power cable disconnected; Blown fuse; No power from outlet.	Check power cable connection; Replace fuse (refer to specifications for type); Test outlet with another device.
No DMX Control	Incorrect DMX address; Faulty DMX cable; No DMX signal from controller; Missing DMX terminator.	Verify DMX address on fixture matches controller; Test/replace DMX cable; Check DMX controller output; Add DMX terminator to last fixture.
Fixture Not Moving	Pan/Tilt locked; DMX channel values incorrect; Motor issue.	Ensure pan/tilt locks are disengaged (if present); Check DMX channel values for pan/tilt movement; Contact service if motor issue suspected.
Dim Light Output	Lens dirty; Dimmer channel set low; LED issue.	Clean the lens; Check DMX dimmer channel value; Contact service if LED appears faulty.

8. Specifications

Detailed technical specifications for the Audibax Monster 200 Hybrid:

Feature	Detail
Model Number	Monster 200 Hybrid
Light Source	200W White LED
Color Temperature	7500K
DMX Channels	20 Channels

Feature	Detail
Pan Movement	540° + Fine
Tilt Movement	270° + Fine
Color Wheel	9 Colors + Open, Half Color Effect
Static Gobo Wheel	10 Gobos + Open
Rotation Gobo Wheel	7 Gobos + Open
Prism	4-Facet, Bidirectional Rotation
Display	LCD, 180° Adjustable
Dimensions (Package)	56 x 44 x 43 cm
Product Weight	18 kg
Manufacturer	Audibax



Figure 6: Product Dimensions.

9. Warranty and Support

For warranty information and technical support, please refer to the documentation provided at the time of purchase or visit the official Audibax website. You can also visit the Audibax Brand Store on Amazon for more product information and contact options.

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