Audibax Oregon 60

Audibax Oregon 60 Moving Head LED Light User Manual

Model: Oregon 60

1. INTRODUCTION

Thank you for purchasing the Audibax Oregon 60 Moving Head LED Light. This professional lighting fixture is designed to provide dynamic and vibrant lighting effects for various events and venues. Featuring a powerful 60W RGBW LED and an additional LED ring, the Oregon 60 offers versatile color mixing and precise beam control. To ensure safe and optimal performance, please read this manual thoroughly before operation and retain it for future reference.

2. SAFETY INSTRUCTIONS

Always observe the following safety precautions to prevent electric shock, fire, or injury:

- **Power Supply:** Connect the unit only to a grounded power outlet with the correct voltage as specified on the device.
- **Moisture:** Do not expose the unit to rain or moisture. Avoid using it in damp or wet environments.
- **Heat:** Keep the unit away from heat sources. Ensure adequate ventilation to prevent overheating.
- **Servicing:** Do not attempt to repair the unit yourself. Refer all servicing to qualified personnel.
- **Mounting:** Ensure the unit is securely mounted using appropriate hardware. Always use a safety cable when suspending the unit.
- **Direct Eye Exposure:** Avoid direct eye exposure to the light source. The light output can be harmful to the eyes.
- **Cleaning:** Disconnect from power before cleaning. Use a soft, dry cloth.

3. PACKAGE CONTENTS

Upon unpacking, please verify that all items listed below are present and in good condition:

- Audibax Oregon 60 Moving Head LED Light
- Power Cable
- Mounting Bracket (if included)
- User Manual (this document)

4. PRODUCT OVERVIEW

The Audibax Oregon 60 is a compact yet powerful moving head fixture. It features a main 60W RGBW LED for vibrant color mixing and an additional LED ring for dynamic visual effects. The unit includes a display and control buttons for easy navigation of settings, as well as DMX input/output for professional control.

Figure 4.1: Front view of the Audibax Oregon 60 Moving Head LED Light with its main LED and surrounding LED ring illuminated in blue and red, showcasing its dynamic lighting capabilities.

4.1 Front Panel and Controls

Figure 4.2: Detailed front view of the Audibax Oregon 60, highlighting the digital display and the 'MENU', 'UP', 'DOWN', and 'ENTER' control buttons, along with the built-in microphone.

- **Display:** Digital screen for menu navigation and status indication.
- **MENU Button:** Accesses the main menu and navigates back.
- **UP/DOWN Buttons:** Navigate through menu options and adjust values.
- **ENTER Button:** Confirms selections and saves settings.
- **MIC:** Built-in microphone for sound-activated modes.

4.2 Rear Panel and Connections

Figure 4.3: Rear panel of the Audibax Oregon 60, displaying the DMX IN and OUT ports, and the power input socket, along with a caution label.

- **DMX IN:** 3-pin XLR input for DMX control signal.
- **DMX OUT:** 3-pin XLR output for linking to other DMX fixtures.
- **POWER IN:** IEC power input socket for connecting the main power cable.

5. SETUP

5.1 Mounting

The Audibax Oregon 60 can be mounted in various positions (floor, truss, wall) using the included mounting

bracket. Always ensure the mounting surface or truss is capable of supporting the fixture's weight and use a safety cable for overhead installations.

1. Attach the mounting bracket securely to the fixture using the provided screws.
2. Secure the fixture to a truss or suitable surface using a clamp (not included) and the mounting bracket.
3. For overhead mounting, always attach a safety cable to the designated safety point on the fixture and secure it to the truss or support structure.

5.2 Power Connection

Connect the supplied power cable to the POWER IN socket on the rear of the fixture and then to a grounded electrical outlet.

5.3 DMX Connection (Optional)

For DMX control, connect a DMX controller to the DMX IN port of the first fixture. Use DMX OUT to link to the DMX IN of subsequent fixtures in a daisy chain. Ensure the last fixture in the chain has a DMX terminator (not included) connected to its DMX OUT port.

6. OPERATING MODES

The Audibax Oregon 60 offers several operating modes, which can be selected via the onboard display and control buttons.

6.1 Menu Navigation

Press the **MENU** button to enter the main menu. Use the **UP** and **DOWN** buttons to scroll through options. Press **ENTER** to select an option or confirm a setting. Press **MENU** again to go back or exit the menu.

6.2 DMX Mode

In DMX mode, the fixture is controlled by an external DMX controller. Set the DMX address using the menu. Refer to the DMX channel chart (usually provided in a separate DMX manual or appendix) for specific control functions.

1. Press **MENU** to access the main menu.
2. Navigate to the DMX Address setting (e.g., "Addr").
3. Use **UP**/**DOWN** to set the desired DMX start address.
4. Press **ENTER** to confirm.

6.3 Auto Mode

Auto mode runs pre-programmed light shows without the need for an external controller.

1. Press **MENU** to access the main menu.
2. Navigate to "Auto" or a similar option.
3. Press **ENTER** to select. You may have options to choose different auto programs or adjust speed.

6.4 Sound-Activated Mode

In sound-activated mode, the fixture reacts to ambient sound via its built-in microphone.

1. Press **MENU** to access the main menu.
2. Navigate to "Sound" or a similar option.

3. Press **ENTER** to select. The fixture will now react to music or sound.

6.5 Master/Slave Mode

This mode allows multiple Oregon 60 units to synchronize their operation without a DMX controller. One unit acts as the Master, and others as Slaves.

1. **Master Unit:** Set one fixture to "Master" mode (e.g., "Mstr" in the menu) and select an Auto or Sound program.
2. **Slave Units:** Set all other fixtures to "Slave" mode (e.g., "Slav" in the menu).
3. Connect the DMX OUT of the Master unit to the DMX IN of the first Slave unit. Continue daisy-chaining DMX OUT to DMX IN for all subsequent Slave units.
4. The Slave units will now mimic the Master unit's program.

Figure 6.1: An array of Audibax Oregon 60 moving head lights, each emitting different colors (red, blue, green), demonstrating their synchronized or varied lighting capabilities in a multi-unit setup.

7. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your Audibax Oregon 60.

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

abrasive cleaners or solvents. Ensure the unit is disconnected from power before cleaning.

- **Ventilation:** Ensure ventilation openings are clear of dust and debris.
- **Inspection:** Regularly check power cables, DMX cables, and mounting hardware for any signs of wear or damage. Replace damaged components immediately.

8. TROUBLESHOOTING

If you encounter issues with your Audibax Oregon 60, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No power	Power cable not connected; no power from outlet; faulty cable.	Check power cable connection; test outlet with another device; replace power cable.
No DMX control	Incorrect DMX address; faulty DMX cable; DMX terminator missing; DMX controller issue.	Verify DMX address setting; check DMX cable connections; ensure DMX terminator is used on the last fixture; test with a different DMX controller.
Fixture not moving/responding	Incorrect operating mode selected; DMX signal issue; internal fault.	Check selected operating mode (Auto, Sound, DMX); troubleshoot DMX connection; if problem persists, contact support.
Light output is dim or inconsistent	Dirty lens; overheating; internal LED issue.	Clean the lens; ensure proper ventilation; if problem persists, contact support.

9. SPECIFICATIONS

Technical specifications for the Audibax Oregon 60 Moving Head LED Light:

- **Model:** Oregon 60
- **Product Dimensions (L x W x H):** 29 x 20 x 23 cm
- **Weight:** 2.5 Kilograms
- **Light Source:** 60W RGBW LED + LED Ring
- **Material:** Polyurethane
- **Power Source:** Electric Cable
- **Control Modes:** DMX, Auto, Sound-Activated, Master/Slave
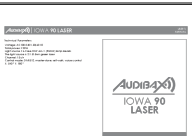- **Manufacturer Model Number:** 10157450

10. WARRANTY AND SUPPORT

Audibax products are designed and manufactured to the highest quality standards. For information regarding warranty terms and conditions, please refer to the warranty card included with your product or visit the official Audibax website. For technical support, spare parts, or service inquiries, please contact Audibax customer service through their official channels.
Manufacturer: Audibax
ASIN: B084296QTH

Related Documents - Oregon 60

Monster 90	[Audibax Monster 90 Moving Head LED Spot Light User Manual](#) User manual for the Audibax Monster 90, an 80W LED moving head spot light. Provides detailed specifications, DMX control information, safety guidelines, package contents, and disposal instructions for event technology applications.
OREGON 40 RGBW	[AUDIBAX Oregon 40 RGBW: Technical Specifications and Channel Functions](#) Detailed technical specifications and channel function guide for the AUDIBAX Oregon 40 RGBW lighting fixture, covering DMX control, color mixing, and display settings.
Monster 200 Hybrid	[Audibax Monster 200 Hybrid 200W LED Moving Head User Manual | Specifications & DMX Control](#) Official user manual for the Audibax Monster 200 Hybrid moving head light. Provides detailed information on product specifications, DMX channel modes, mounting and installation, safety guidelines, and operation.
DALLAS 72 RGBW	[AUDIBAX DALLAS 72 RGBW User Manual](#) User manual for the AUDIBAX DALLAS 72 RGBW lighting fixture, detailing DMX 512 channel descriptions, technical parameters, and control modes for 4 and 8 channel configurations.
IOWA 90 LASER	[AUDIBAX IOWA 90 LASER User Manual and Technical Specifications](#) This document provides comprehensive details for the AUDIBAX IOWA 90 LASER, including technical parameters, DMX channel functions, menu settings, and operational modes. It serves as a user manual for operating the lighting fixture.
IRWIN 60 / IRWIN 120 6x10W RGBW 4in1 / 12x10W RGBW 4in1 6x10W RGBW 4en1 / 12x10W RGBW 4en1	[Audibax Irwin 60 / Irwin 120 User Manual](#) User manual for Audibax Irwin 60 and Irwin 120 LED lighting fixtures, covering safety instructions, technical specifications, installation, operation, DMX control, troubleshooting, cleaning, and disposal.