M-Audio Oxygen Pro 49

M-AUDIO Oxygen Pro 49 Key USB MIDI Keyboard Controller

USER MANUAL

Introduction

The M-Audio Oxygen Pro 49 is a versatile 49-key USB-powered MIDI controller designed to enhance your music production workflow. It integrates seamlessly with various Digital Audio Workstations (DAWs) and virtual instruments, offering extensive control and creative tools for musicians and producers.



Image: The M-Audio Oxygen Pro 49 MIDI Keyboard Controller, showcasing its 49 keys, pads, knobs, and faders.

Key Features

The Oxygen Pro 49 is equipped with a comprehensive set of features to provide intuitive and expressive control over your music:

- **Velocity-Sensitive, Semi-Weighted Keys:** 49 keys with aftertouch and assignable zones for dynamic performance and instrument control.
- **RGB Backlit Drum Pads:** 16 velocity-sensitive pads with Note Repeat for beat production, clip launching, and sample triggering.
- **Assignable Controls:** 8 assignable knobs, 9 assignable faders, and buttons for tactile control of virtual instruments,

effects, and DAW parameters.

- **Smart Chord and Smart Scale Modes:** Innovative features that simplify playing complex chords and staying in key.
- **Arpeggiator:** Built-in arpeggiator for creating rhythmic patterns and melodic sequences.
- **Seamless DAW Integration:** Auto-mapping capabilities for popular DAWs including MPC Beats, Ableton Live, Cubase, Logic, and Studio One.
- **Connectivity:** USB-MIDI connection, traditional 5-pin MIDI output, and sustain pedal input.
- **Software Suite:** Includes MPC Beats, Ableton Live Lite, and virtual instruments from AIR Music Tech.



Image: A musician using the M-Audio Oxygen Pro 49 with a laptop, highlighting its performance capabilities.



Image: Detailed view of the Oxygen Pro 49's assignable knobs, buttons, and faders, illustrating total command over production.



Image: A hand tapping the RGB backlit drum pads, emphasizing their use for beat making and clip launching.



Image: The Oxygen Pro 49 connected to a laptop, displaying various DAW logos to highlight its seamless integration.



Image: A close-up of the Oxygen Pro 49's control panel, pointing out features like Smart Chord, Arpeggiator, and connectivity options.



Image: The Oxygen Pro 49 alongside logos of the included music production software, emphasizing the complete package.

Setup

1. **Unpacking:** Carefully remove all components from the packaging. Verify that all items listed in the "What's in the Box" section are present.
2. **Power and Connectivity:** Connect the Oxygen Pro 49 to your computer using a standard USB cable. The unit is USB-powered and does not require an external power adapter for basic operation. For MIDI connectivity with external hardware, use the 5-pin MIDI output.
3. **Software Installation:**
   - Locate the included download card. This card provides instructions and codes to access the bundled software, including MPC Beats, Ableton Live Lite, and virtual instruments from AIR Music Tech.
   - Visit the M-Audio website as directed on the card to download and install the necessary software and any available firmware updates.

4. **DAW Configuration:**
    - Once the software is installed, open your preferred Digital Audio Workstation (DAW).
    - The Oxygen Pro 49 features automatic mapping for many popular DAWs. Refer to your DAW's preferences or settings to ensure the controller is recognized and properly configured for seamless control.

Operating the Oxygen Pro 49

Basic Controls

- **Keyboard Keys:** The 49 velocity-sensitive, semi-weighted keys respond to your playing dynamics. Aftertouch allows for additional expressive control after a key is pressed.
- **Drum Pads:** Use the 16 RGB backlit pads for triggering samples, playing drums, or launching clips. The Note Repeat function allows for automatic rhythmic repetition of pad hits.
- **Knobs and Faders:** The 8 assignable knobs and 9 assignable faders can be mapped to control various parameters within your DAW or virtual instruments, such as volume, pan, filter cutoff, and more.
- **Pitch and Modulation Wheels:** These wheels provide real-time expressive control over pitch bends and modulation effects.

Smart Features

The Oxygen Pro 49 includes intelligent features to assist with musical composition:

- **Smart Scale Mode:** This mode ensures that any note played on the keyboard will be within the selected scale, preventing "wrong" notes.
- **Smart Chord Mode:** Play full chords with a single key press, based on the selected scale and chord type.
- **Arpeggiator:** Automatically generate arpeggiated patterns from held notes, with adjustable tempo, rhythm, and octave range.

Your browser does not support the video tag.

Video: An instructional video demonstrating the Smart Scale Mode on the M-Audio Oxygen Pro series, showing how to activate and customize scale settings for easier playing.

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Video: A tutorial video explaining the Smart Chord Mode on the M-Audio Oxygen Pro series, illustrating how to generate full chords from single key presses.

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Video: Demonstration of the Arpeggiator feature on the M-Audio Oxygen Pro series, showing how to create dynamic melodic patterns.

Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the surface of the controller. Avoid using abrasive cleaners or solvents, as these can damage the finish. For keys and pads, a slightly damp cloth can be used, ensuring no liquid enters the internal components.
- **Storage:** Store the Oxygen Pro 49 in a cool, dry place away from direct sunlight and extreme temperatures. If transporting, consider using a padded case to protect the unit.

- **Software and Firmware Updates:** Regularly check the M-Audio website for the latest software drivers and firmware updates. Keeping your software and firmware current ensures optimal performance and compatibility.

Troubleshooting

If you encounter issues with your Oxygen Pro 49, consider the following common troubleshooting steps:

- **No Power/Connectivity:**
  - Ensure the USB cable is securely connected to both the controller and your computer.
  - Try a different USB port on your computer or a different USB cable.
  - If using a USB hub, ensure it is a powered hub.
- **Not Recognized by DAW:**
  - Verify that the correct drivers are installed. Reinstall them if necessary.
  - Check your DAW's MIDI settings or preferences to ensure the Oxygen Pro 49 is enabled as a control surface and MIDI input device.
  - Restart your computer and DAW.
- **Pads/Keys Not Responding:**
  - Check the global MIDI channel settings on the controller and ensure they match your DAW's input settings.
  - Ensure no local control is disabled on the controller if you expect direct sound from the unit (though typically it controls software).

For more detailed troubleshooting, please refer to the official M-Audio Oxygen Pro 49 User Guide PDF available on the M-Audio website.

Specifications

Attribute	Detail
Model Name	Oxygen Pro 49
Number of Keys	49
Key Type	Velocity-sensitive, Semi-weighted with Aftertouch
Pads	16 RGB Backlit, Velocity-sensitive Drum Pads with Note Repeat
Knobs	8 Assignable Knobs
Faders	9 Assignable Faders
Connectivity	USB-MIDI, 5-pin MIDI Output, Sustain Pedal Input
Power	USB Powered
Dimensions (L x W x H)	31.54 x 10.36 x 3.35 inches (80.1 x 26.3 x 8.5 cm)
Weight	9.3 pounds (4.22 kg)

Compatible Devices	Computers or Laptops
Supported Software	Ableton Live, MPC Beats, and more via auto-mapping

Warranty and Support

For detailed warranty information, please refer to the warranty card included with your product or visit the official M-Audio website. M-Audio provides various support resources, including:

- **Online Knowledge Base:** Access articles and FAQs for common questions and issues.
- **Product Registration:** Register your product on the M-Audio website to receive updates and support.
- **Technical Support:** Contact M-Audio technical support for assistance with product setup, operation, or troubleshooting.
- **User Guides:** Download the complete user manual and other documentation from the M-Audio website.

Official User Guide (PDF): Click here to download

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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.

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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.

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