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M-Audio Oxygen Pro 61

M-Audio Oxygen Pro 61 Key USB MIDI Keyboard Controller

Model: Oxygen Pro 61 | Brand: M-Audio

Product Overview

The M-Audio Oxygen Pro 61 is a versatile and powerful 61-key USB-powered MIDI controller designed to enhance your music production workflow. It features best-in-class, velocity-sensitive, semi-weighted keys with aftertouch and assignable zones, alongside a built-in arpeggiator. For beat production and clip launching, it includes 16 RGB, backlit, assignable, velocity-sensitive drum pads with Note Repeat. Comprehensive control over your virtual instruments and DAW is provided through 8 assignable knobs and 9 assignable faders.
Seamless integration with major Digital Audio Workstations (DAWs) is achieved via an easy-to-read OLED screen and auto-mapping capabilities, supporting platforms like MPC Beats, Ableton Live, Cubase, Logic, and Studio One. The Oxygen Pro 61 also comes with a premium software suite, including MPC Beats and Ableton Live Lite, a virtual instrument collection from AIR Music Tech, and expansion packs from Akai Professional's legendary MPC Series.



Figure 1: The M-Audio Oxygen Pro 61 MIDI Keyboard Controller, showcasing its 61 keys, pads, knobs, and faders.

Setup Guide

1. Unboxing and Initial Connection

Carefully remove all components from the packaging. Ensure the following items are present:

- Oxygen Pro 61 Keyboard Controller
- USB Cable
- Software Download Card
- Quickstart Guide

Connect the Oxygen Pro 61 to your computer using the provided USB cable. The device is USB-powered, so no external power adapter is typically required. The OLED screen on the controller should illuminate upon successful connection.

2. Software Installation and Registration

Visit the M-Audio website as instructed on the software download card. Register your product to gain access to the included software suite, which typically includes MPC Beats, Ableton Live Lite, and various virtual instruments and expansion packs. Follow the on-screen instructions to download and install all necessary software and drivers.



Figure 2: Overview of the comprehensive software suite included with the Oxygen Pro 61, featuring DAWs, virtual instruments, and expansion packs.

3. DAW Configuration

Once the software is installed, open your preferred Digital Audio Workstation (DAW). The Oxygen Pro 61 features auto-mapping for seamless integration. Navigate to your DAW's preferences or settings and select the Oxygen Pro 61 as your MIDI input device. The controller should automatically map its controls to your DAW's functions and plugin parameters.



Figure 3: The Oxygen Pro 61 offers seamless integration with various DAWs, simplifying setup and control.

Operating Your Controller

1. Keys and Performance Controls

The 61 velocity-sensitive, semi-weighted keys provide a responsive playing experience. Utilize the pitch and modulation wheels for expressive control over your sounds. The sustain pedal input allows for traditional piano sustain functionality.



Figure 4: The Oxygen Pro 61 features best-in-class, velocity-sensitive, semi-weighted keys with aftertouch for expressive playability.

2. Assignable Knobs, Buttons, and Faders

The Oxygen Pro 61 is equipped with 8 assignable knobs, 9 assignable faders, and numerous assignable buttons. These controls can be mapped to various parameters within your DAW, virtual instruments, and effect plugins, providing tactile control over your music production.



Figure 5: Gain total command over your production with 8 assignable knobs and buttons, and 9 assignable faders for immersive control.

3. Drum Pads and Note Repeat

The 16 RGB backlit, velocity-sensitive drum pads are ideal for beat production, triggering samples, and launching clips. The Note Repeat function allows for rhythmic patterns to be easily created and manipulated.



Figure 6: The 16 RGB backlit, assignable, velocity-sensitive drum pads with Note Repeat are perfect for beat production and clip launching.

4. Smart Controls: Chord Mode, Scale Mode, and Arpeggiator

The Oxygen Pro 61 includes Smart Chord and Smart Scale modes, which simplify playing complex harmonies and melodies by ensuring you always play in key. The built-in arpeggiator allows for the creation of dynamic and evolving melodic patterns.



Figure 7: Essential tools like Smart Chord, Smart Scale, Arpeggiator, pitch/mod wheels, and 5-pin MIDI output are integrated for comprehensive control.

5. Native Kontrol Standard (NKS) Integration

M-Audio has partnered with Native Instruments to provide NKS support, allowing for seamless browsing and control of Native Instruments presets and sound libraries directly from your Oxygen Pro 61. This integration streamlines your workflow by eliminating the need to constantly switch between your controller and computer screen.



Figure 8: The Oxygen Pro 61 offers creative control anywhere with Native Kontrol Standard (NKS) integration.

NKS Integration Overview

Video 1: An overview of the Native Kontrol Standard (NKS) integration with the M-Audio Oxygen Series, demonstrating seamless control over Native Instruments plugins.

Using Chord Mode

Video 2: A demonstration of the Chord Mode feature on the Oxygen Pro Series, simplifying chord playing.

Using the Arpeggiator

Video 3: A guide on how to use the Arpeggiator feature on the Oxygen Pro Series for creating rhythmic patterns.

Using Scale Mode

Video 4: A tutorial demonstrating the Scale Mode feature on the Oxygen Pro Series, assisting with playing in key.

Maintenance

To ensure the longevity and optimal performance of your M-Audio Oxygen Pro 61, regular maintenance is recommended:

- **Cleaning:** Use a soft, dry cloth to wipe down the surface of the controller. Avoid abrasive cleaners or solvents. For keys, a slightly damp cloth with mild soap can be used, ensuring no liquid seeps into the internal components.
- **Storage:** Store the controller in a cool, dry place away from direct sunlight, extreme temperatures, and excessive dust. If transporting, use a padded case to protect it from physical damage.
- **Firmware Updates:** Periodically check the M-Audio website for firmware updates. Keeping your firmware up-to-date ensures compatibility with the latest software and may introduce new features or performance improvements.

Troubleshooting

If you encounter issues with your Oxygen Pro 61, try the following common troubleshooting steps:

- **No Power/No Display:** Ensure the USB cable is securely connected to both the controller and your computer. Try a different USB port or cable. If using a USB hub, ensure it is powered.
- **No Sound:** Verify that the Oxygen Pro 61 is selected as the MIDI input device in your DAW's preferences. Check that your virtual instrument or track is armed for recording and that its output is routed correctly to your audio interface or speakers.
- **Controls Not Responding:** Confirm that the controller is in the correct mode (e.g., MIDI mode for general control). Check your DAW's auto-mapping settings or manually assign controls if necessary. Restart your DAW and computer.
- **Software/Driver Issues:** Reinstall the latest drivers from the M-Audio website. Ensure your operating system is up-to-date.

Specifications

Feature	Detail
Model Name	Oxygen Pro 61
Keys	61 velocity-sensitive, semi-weighted with aftertouch
Pads	16 RGB backlit, assignable, velocity-sensitive drum pads with Note Repeat
Knobs	8 assignable knobs
Faders	9 assignable faders
Connectivity	USB, 5-pin MIDI Output, Sustain Pedal Input
Power	USB-powered
Dimensions	40.48 x 10.36 x 3.35 inches
Weight	10.58 pounds

Compatible Devices	Digital Audio Workstations
Supported Software	Ableton Live, MPC Beats, Cubase, Logic, Studio One, Reason

Warranty and Support

For detailed warranty information, technical support, and comprehensive user guides, please refer to the official M-Audio website or the included documentation.
A full User Guide in PDF format is available for download:M-Audio Oxygen Pro User Guide (PDF)
For further assistance, visit the official M-Audio support page or contact their customer service.

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