

BITWIG STUDIO CONTROLLER EXTENSION

M-Audio
Oxygen Pro 49/61
Hammer 88 Pro



M-Audio Oxygen/Hammer Pro

All Modes

Track Volume

Use fader 9 to control the volume of the currently selected track.

Track Volume

Use faders 1-8 to control the volume of a bank of eight tracks.

Track Buttons 1-8

Press GLOBAL to assign buttons 1-8 to one of the following functions:

- Record enable
- Track select
- Mute
- Solo

Mode Selection

Press the ENCODER to switch between Clip Launcher and Note Mode.

Transport Section

Use the buttons to control the transport section of Bitwig Studio.

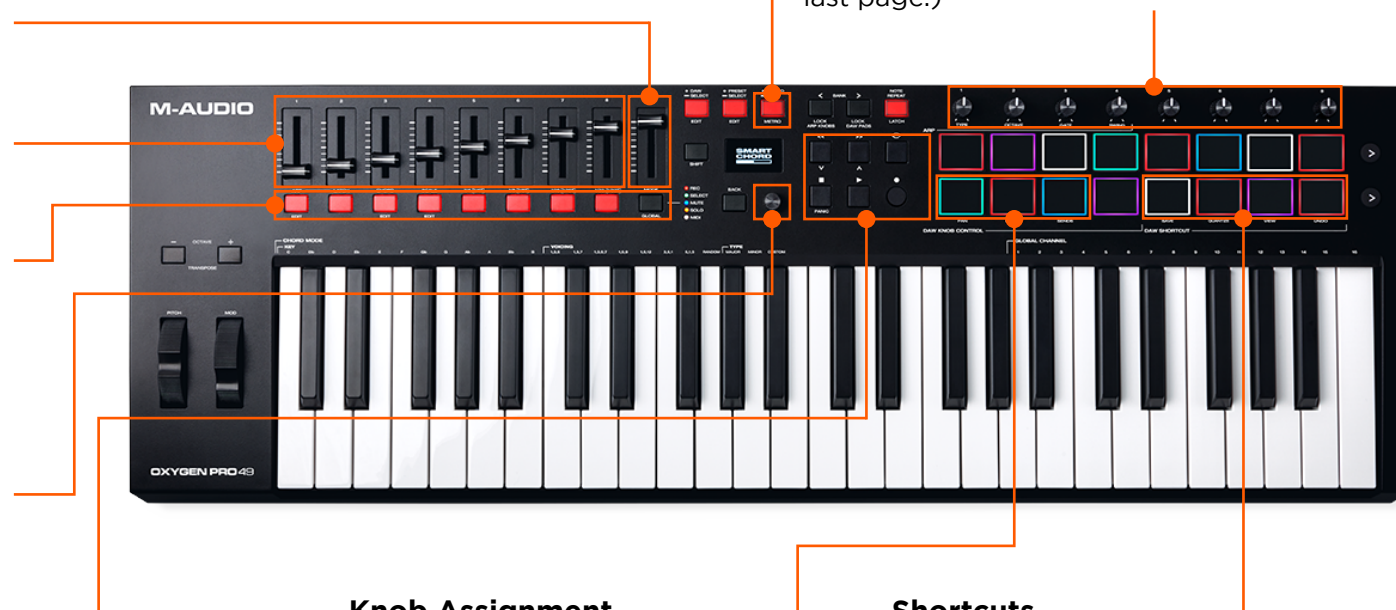
Knobs

The knobs control three different sets of parameters: Pan, Device, and Sends.

Metronome

Hold SHIFT and press the METRO button to toggle the metronome.

Pan and Sends always control a bank of eight tracks, whereas Device controls the eight remote controls of a device on the currently selected track. (This also depends on the settings in the controller status section, see last page.)



Knob Assignment

Hold SHIFT and press one of the three DAW KNOB CONTROL pads to select the knob parameter set you want to control.

Shortcuts

Hold SHIFT and press one of the four DAW SHORTCUT pads to send the following keyboard commands: *

- Save (CMD/CTRL + S)
- Quantize (CMD/CTRL + U)
- Toggle Arranger/Launcher (TAB)
- Undo (CMD/CTRL + Y)

* You may need to adjust the keyboard shortcuts in Dashboard > Settings > Shortcuts.



M-Audio Oxygen/Hammer Pro

Clip Launcher Mode

Navigation

You can navigate through tracks and scenes by using the ENCODER and the BACK button.

Turn the ENCODER to select a track of your project.

Hold the BACK button while turning the ENCODER to move the grid of 2x8 cells vertically in the clip launcher.

Press the ENCODER to enter the Note Mode of the selected track. Press again to exit.



Pads

The pads control the clips in the currently selected grid of 2x8 cells. The pad color corresponds to the clip color in the Launcher. Currently playing clips will be shown in green, free cells on record enabled tracks will be red, clips currently recording will flash in red.

Scene Buttons

Press one of the ARROW buttons to launch a scene.

M-Audio Oxygen/Hammer Pro

Note Mode

Remote Control Pages

Use the BANK Buttons to browse through the Remote Controls pages of the currently selected device.

Device and Page Select

Hold the BACK Button and press a pad of the upper row to select a Device of the selected track.

Hold the BACK button and press a pad of the lower row to select a Remote Controls page of the selected Device.

Transpose/Navigation

Turn the ENCODER to transpose the note range of the pads on drum and instrument tracks.

Press the ENCODER to switch between Clip Launcher and Note Mode.



Pads

In Note Mode the pads can be used for note input.

On drum machine tracks the pad color corresponds to the color of the drum cells.

On instrument tracks the pads will send notes of a scale which can be selected in the controller status section (see last page). The pad color reflects the track color with root notes shown in green.

M-Audio Oxygen/Hammer Pro

Setup and Options

Setup

The Oxygen Pro 49/61 or Hammer 88 Pro should be detected and set up automatically when it is connected. If you add the controller manually, make sure the MIDI ports are selected in the correct order. In the following example the Oxygen Pro 49 is shown:

Mac/Linux:

In 1: Oxygen Pro 49 Mackie/HUI
In 2: Oxygen Pro 49 USB MIDI
Out 1: Oxygen Pro 49 Mackie/HUI
Out 2: Oxygen Pro 49 USB MIDI

Windows:

In 1: MIDIIN3 (Oxygen Pro 49)
In 2: Oxygen Pro 49
Out 1: MIDIOUT3 (Oxygen Pro 49)
Out 2: Oxygen Pro 49

Important: The correct DAW settings are loaded automatically when the controller is initialized. Do not change the DAW preset on the Oxygen/Hammer Pro manually.

Controller Status Section

When the Oxygen/Hammer Pro is recognized by Bitwig Studio, a small keyboard icon appears in the top right corner of the application window. Clicking on this icon will open the controller status window.



You can change the record button assignment to toggle between overdub mode in the Clip Launcher or the record button in the Arranger.

Pad Scale determines the scale of the pads in Note Mode, Base Note determines the root note of that scale.

In the middle section the current knob assignment is shown. Pressing one of the pin icons lets you permanently assign the controls to certain parameters. For more information please read the Bitwig Studio user guide.

