M-AUDIO®

OXYGEN PRO MINI

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User Guide (English)

Introduction

Box Contents

Oxygen Pro Mini

USB Cable

Software Download Card

Quickstart Guide

Safety & Warranty Manual

Support

For the latest information about this product (system requirements, compatibility information, etc.) and product registration, visit **m-audio.com**.

For additional product support, visit **m-audio.com/support**.
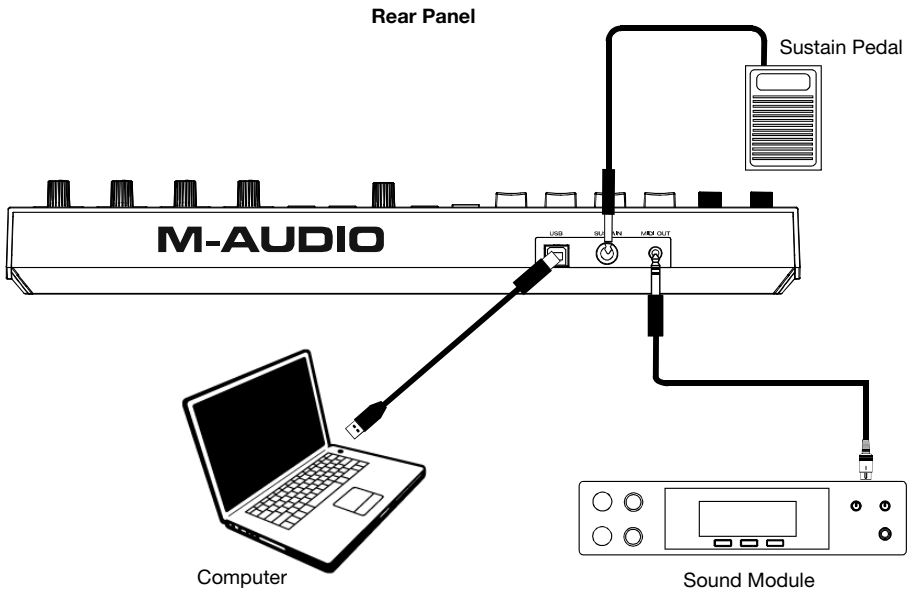
Setup

Connection

To start using your Oxygen Pro Mini keyboard, you need to connect your equipment, get your software properly configured, and then set the keyboard's operation Mode.

To connect your Oxygen Pro Mini keyboard to your computer, use the included USB cable. Plug the USB-B end of the cable into the keyboard and the USB-A end of the cable into your computer (or into a USB hub connected to your computer).

Note: In addition to sending data, the USB cable powers the keyboard. If you will be connecting your Oxygen Pro Mini keyboard to a USB hub that has other devices connected to it, then we recommend using a powered USB hub.

Connection Diagram

Items not listed under *Introduction* > *Box Contents* are sold separately.

Rear Panel

Sustain Pedal

Computer

Sound Module

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Initial Setup

Initial Setup - DAW Setup

Your Oxygen Pro Mini has the ability to control all of your DAW's faders, buttons, knobs, and pads, as well as all of your virtual instrument controls. In order to have these controls set properly, we'll first need to get your Oxygen Pro Mini to set to the correct DAW.

1. Press and hold the **DAW Button** to open the DAW Select menu on the **Display**.
2. Turn the **Select/Scroll Encoder** to cycle through the available DAWs on the **Display**. As you turn the Encoder, the currently selected DAW will update on the **Display**. The **User** option enables you to map custom DAW controls to the keyboard, as described in the **Basic Concepts** section.
3. When the DAW you want is shown on the Display, press the **Select/Scroll Encoder** to confirm your selection.
   Note: To exit out of DAW Selection Mode without changing the currently selected DAW, press the **Back Button**.

Most DAWs will automatically recognize the Oxygen Pro Mini keyboard, and automatically configure your Oxygen Pro Mini's controls as a control surface in DAW mode, and virtual instrument controller in Preset mode.

If your DAW does not automatically configure your Oxygen Pro Mini keyboard, please follow the setup steps listed in the **Oxygen Pro Mini DAW Setup Guides**.

Initial Setup – Virtual Instrument/Plugin Setup

Now that you've selected the correct DAW, we'll set your Oxygen Pro Mini to work with all of the Virtual Instrument plugins included with your Oxygen Pro Mini, and any other Virtual Instrument plugins you may have.

1. Press and hold the **PRESET Button** to open the PRESET Select menu on the **Display**.
2. Turn the **Select/Scroll Encoder** to cycle through the available Presets on the **Display**. As you turn the Encoder, the currently selected Preset will appear on the **Display**. You can create your own custom virtual instrument presets, as described in the **Basic Concepts** section.
3. When the Preset you want is shown on the Display, press the **Select/Scroll Encoder** to confirm your selection.
   Note: To exit out of Preset Selection Mode without changing the currently selected Preset, press the **Back Button**.

There are Presets for all of the Virtual Instruments included with your Oxygen Pro Mini. For Virtual Instruments that aren't included with your Oxygen Pro Mini, we suggest using MPC Beats as a plugin wrapper in your favorite DAW, and the Oxygen Pro Mini's **MPC PI** preset. MPC Beats opens as a plugin in all mainstream DAWs to merge the best of all DAW worlds. This gives you the freedom to use MPC Beats as a soft synth/Virtual Instrument plugin wrapper, enabling you to have all of your Oxygen Pro Mini's controls auto-mapped to your favorite soft synth/Virtual Instrument plugin.

To download the included MPC Beats software, follow the instructions on the included software download card.

Initial Setup – Hardware Synth

If you will be using your Oxygen Pro Mini keyboard with a hardware synth rather than your computer, connect the keyboard's **MIDI Out** port to a TRS 3.5 mm to 5 Pin DIN Female - Type A cable, and connect that to a synth with a standard 5-pin MIDI cable. Then make sure that your keyboard is set to operate with one of its custom presets selected (as instructed in the *Basic Concepts* section) and that the keyboard is set to send MIDI data from the 5-pin MIDI out port in the Global Settings. In order to use an external hardware synth, you will need to connect the keyboard to a computer, laptop, or to a powered USB hub.

Your Oxygen Pro Mini gives you the option select what messages will be sent from its 5-pin MIDI output. You can choose **USB** to send only messages from your connected PC to an external hardware synth, **KEYS** to send only messages from your Oxygen Pro Mini to an external hardware synth, or **KEYS/USB** to send messages from your connected PC and the keyboard to an external hardware synth. In order to have these controls set properly please use the following steps:

1. Press and hold the **SHIFT** button and press the **MODE/GLOBAL** button entering into the **GLOBAL EDIT** mode

2. In the **GLOBAL EDIT** menu use the **ENCODER** to scroll to **MIDI OUT**. Once you have **MIDI OUT** highlighted, press the **ENCODER** to enter into **MIDI OUT** selection. Then use the **ENCODER** to select what messages you want sent from your Oxygen Pro Mini's 5-pin MIDI Out.

   a. **OFF:** No messages sent from the 5-pin output.

   b. **KEYS:** All controls, keys, and pad messages from the Oxygen Pro Mini will be sent from the 5-pin output.

   c. **USB:** Only messages received on the Oxygen Pro Mini's MIDI Port 2 from a connected PC will be sent from the 5-pin MIDI out.

   d. **KEYS/USB:** Messages from the Oxygen Pro Mini and the Oxygen Pro Mini's MIDI Port 2 from a connected PC will be sent from the 5-pin output.

3. Once you have selected your **MIDI OUT** setting, press the **BACK** button to exit out of the **GLOBAL EDIT** menu.

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Installing Your Included Software

We recommend registering your Oxygen Pro Mini on **m-audio.com** and downloading the **Oxygen Pro Software Manager.** Follow the instructions on your included Software Download Card to access the **Oxygen Pro Software Manager**

DAWs and Virtual Instruments

In the **Software Manager** you'll have access to all of your included software.

We've included 2 DAWs, **MPC Beats** and **Ableton Live Lite** with your Oxygen Pro Mini keyboard so you can get started making music with professional software right out of the box. Additionally, we've included a set of **MPC Beats** Expansion Packs and **AIR** virtual instrument plugins for you to use with your DAW.

To download the included MPC Beats or Ableton Live Lite DAW software, AIR virtual instrument plugins**,** and **MPC Beats** Expansion Packs**,** register your Oxygen Pro Mini on **m-audio.com** and download the **Oxygen Pro Mini Software Manager**. The **Oxygen Pro Mini Software Manager** will gude you step-by-step on downloading and installing all of your included software.

Preset Editor

To download the included Preset Editor software, follow the instructions in the **Oxygen Pro Mini Software Manager**. The **Preset Editor** software can be used to create custom DAW and Preset mappings for you to load onto your Oxygen Pro Mini keyboard. For more information on operating the keyboard with one of the custom DAW or Presets, see the following section and the *Basic Concepts* section. The Preset Editor also comes with its own *Editor User Guide.*

MPC Beats

To download the included MPC Beats software, follow the instructions in the **Oxygen Pro Software Manager**. MPC Beats is an intuitive to use DAW and soft synth/Virtual Instrument plugin wrapper built on the legacy of the legendary AKAI Pro MPC hardware and innovative MPC2 desktop software, MPC Beats empowers new beat makers with all the tools to create excellent sounding beats and more.

For complete integration with existing DAWs, MPC Beats opens as a plugin in all mainstream DAWs to merge the best of all DAW worlds. This gives you the freedom to use MPC Beats as a soft synth/Virtual Instrument plugin wrapper, enabling you to have all of your Oxygen Pro Mini controls auto-mapped to your favorite soft synth/Virtual Instrument plugin.

Setting the Keyboard's Operation Mode

Once you've set up Oxygen Pro Mini to work with your DAW, it's time to set the keyboard's operation Mode. By choosing the operation Mode, you can set the keyboard to automatically coordinate with your DAW's features or set it to work as a personally customized controller. With these two Modes, Oxygen Pro Mini gives you the option to quickly switch between controlling a plugin to controlling your DAW with just the touch of a button.

The two operation Modes determine the function of the MIDI keyboard's editable controls:

- **DAW**: In DAW Mode, the keyboard's controls will be automatically mapped to faders, buttons, knobs, and pads in your DAW.

- **Preset**: In Preset Mode, the keyboard's editable controls can be set to functions that you design yourself. A number of individual preset mappings can be created and then saved to the keyboard's internal memory for you to load at a later time.

To set the keyboard to operate in DAW Mode, press the **DAW/Preset Button**. The button will be lit to show that DAW Mode is selected.

To change which DAW your keyboard is set to control:

1. Press and hold the **DAW/Preset Button** to open the DAW Select menu on the **Display**.

2. Turn the **Select/Scroll Encoder** to cycle through the available DAWs on the **Display**. As you turn the encoder, the currently selected DAW will update on the **Display**. The **User** option enables you to map custom DAW controls to the keyboard, as described in the ***Basic Concepts*** section.

3. When the DAW you want is shown on the Display, press the **Select/Scroll Encoder** to confirm your selection.

   Note: To exit out of DAW Mode without changing the currently selected DAW, press the **Back Button**.

To set the keyboard to operate in Preset Mode, press the **DAW/Preset Button**. The button will be lit to show that Preset Mode is selected.

To change the currently selected preset:

1. Press and hold the **DAW/Preset Button** to open the Preset Select menu on the **Display**.

2. Turn the **Select/Scroll Encoder** to cycle through the available Presets on the Display. As you turn the encoder, the currently selected Preset will update on the Display.

3. When the preset you want is shown on the **Display**, press the **Select/Scroll Encoder** to confirm your selection. See the ***Basic Concepts*** section for more information on mapping **Presets**.

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Features

Top Panel
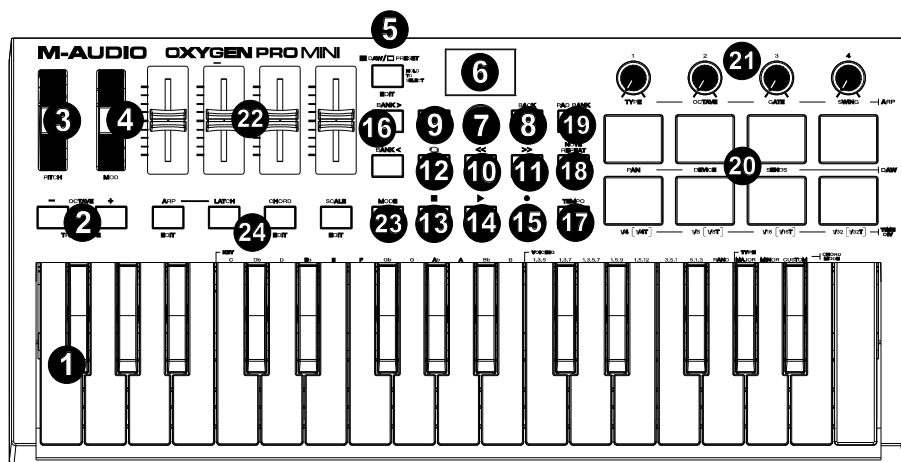
Keybed/Octave/Wheels

Note: Text below accompanying keyboard controls indicates secondary functions that can be accessed by pressing **SHIFT** while using the control.

1. **Keybed:** This velocity-sensitive keybed is the primary method of sending Note On/Off MIDI data.

   Hold **Shift** and press keys **C2**–**Bb3** to edit Chord Mode settings. See *Basic Concepts* to learn more about this feature.

2. **OCTAVE:** Press these buttons to adjust the pitch range of the keys up or down one octave. Hold **Shift** and press these buttons to adjust the pitch range of the keys up or down one semitone. The keyboard can be raised up to four octaves or lowered down to three octaves from its default octave range and a total of twelve semitones from its default transposition.

   To reset Oxygen Pro Mini to its default octave range and transposition (**F2**–**C5** on the keybed), press the **Octave -** and **Octave + Buttons** simultaneously.

3. **PITCH:** Roll this wheel up and down from the center position to bend the pitch of the keyboard while playing. The default range of the pitch-bend will vary between software synths. The wheel is spring mounted and will return to the center position when released.

4. **MOD:** Move this wheel to send continuous controller data—MIDI CC #01 (modulation), by default.
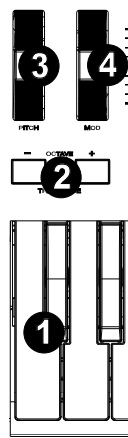
Central Functions

5. ■ **DAW / □ PRESET [EDIT] Button:** Press this button to set Oxygen Pro Mini to operate in DAW Mode or Preset Mode. When in DAW Mode, this button's LED will be brightly lit. When in Preset Mode, this button's LED will be off. Hold **Shift** and press this button to edit a Preset or User DAW. After editing the Preset or User DAW, press this button again to save your changes to the User DAW or Preset. Press and hold the button to open the DAW/Preset Select menu on the **Display**.
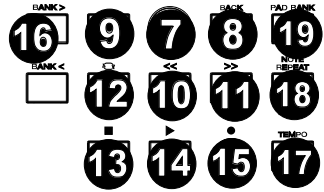
    See *Setting the Keyboard's Operation Mode* for more information on DAW/Preset Mode. See the *Basic Concepts* section for information on mapping presets.

6. **Display:** The main **Display** screen shows the status of the last used control. Use this screen to monitor parameter levels as you adjust controls on the keyboard. Also, use the **Display** along with the **Select/Scroll Encoder** to view and edit keyboard settings.

7. **Select/Scroll Encoder:** If you are entered into one of the **Display's** Edit menus, turn this encoder to change settings/parameters and press the encoder to confirm a selection.

    If you are not viewing any of the edit menus, turning the encoder and pressing the encoder will each function as separate MIDI controls. When operating with a DAW, the assigned controls will be predetermined. When operating with a preset or the **User** DAW selected, the controls can be edited.

8. **BACK:** If entered into one of the **Display's** Edit menus, press this button to go back to the main **Display** screen. To delete a character while editing the **Display** name, hold **Shift** and press this button.

    If you are not viewing one of the Edit menus, this button will be assigned to control. When operating with a DAW, the assigned control will be predetermined. When operating with a preset or the **User** DAW selected, the control can be edited.

    When editing a Preset or DAW name press the **Shift** button and the **Back** button to delete a letter.

9. **SHIFT:** Hold the **Shift Button** while moving or pressing controls or buttons on the keyboard to access their secondary functions.

10. **<<:** Depending on what screen is selected in your DAW, this button will either rewind the open song or move down in the active window. Some DAWs may require pressing the **SHIFT button** and **<< Button** to move down in the active window.

11. **>>:** Depending on what screen is selected in your DAW, this button will either fast forward the open song or move up in the active window. Some DAWs may require pressing the **SHIFT button** and **>> Button** to move up in the active window.

12. ↻ **Loop:** Press this button to activate/deactivate the loop function in your DAW.

13. ■ **Stop:** Press this button to stop the open song in your DAW.

    Double-press this button to stop the open song and return the playhead to the beginning of the song.

    Press **Shift** and this button to send a MIDI panic message to turn off all Note messages and return all controls to zero.

14. ▶ **Play:** Press this button to play the song in your DAW.

15. ● **Record:** Press this button to activate recording in your DAW.

16. **BANK >, BANK <:** If operating in DAW Mode or one of the custom presets, use these buttons to switch the currently selected bank for the **Faders**, **Knobs**, **Pads**, and **Function Buttons**. There is a total of 8 banks in DAW Mode and 2 banks in Preset Mode. Press **Shift** and the **Bank >** button to lock the **Shift** modifier **ARP** knob controls. This is useful for changing ARP parameters during a live performance. To return the knobs or pads to their normal mode, press the **Shift** button and the **Bank >**.

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17. **TEMPO:** Tap this button to set Oxygen Pro Mini's tempo or press and hold it to pull up the Tempo Edit menu on the **Display**, where you can use the **Select/Scroll Encoder** to manually enter the tempo and choose to sync Oxygen Pro Mini's tempo with your DAW. The tempo setting affects the keyboard's arpeggiator and note repeat functions. See the *Basic Concepts* section for more details.

18. **NOTE REPEAT [LATCH]:** Press this button to activate the note repeat function for the **Pads**. To latch or unlatch the note repeat function, hold **Shift** and then press this button. See the *Basic Concepts* section for more details on note repeat.

19. **Pad Bank:** Press this button to switch to a different pad bank. There are two pad banks available.

Pads/Knobs

20. **Pads (8):** Use these velocity-sensitive pads to send MIDI Note On/Off messages or perform other MIDI assignments (if using a preset or the **User** DAW). While **Note Repeat** is active, use the **Select/Scroll Encoder** to change the current **Time Division** setting of the **Arpeggiator** and pad **Note Repeat**.

21. **Knobs:** Turn these knobs left/right to perform their assigned controls. When operating with a DAW, the assigned controls will be predetermined. When operating with a preset or the **User** DAW selected, the controls can be edited.
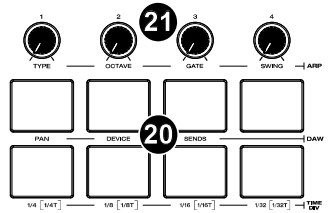
See the *Basic Concepts* section to learn how to change the predetermined assignments of the **Knobs** when operating in DAW Mode with a DAW selected.

Hold **Shift** while turning **Knobs 1–4** to edit arpeggiator settings.

Important: Both the **Faders** and **Knobs** are enabled with "soft takeover." This means that if you switch banks, a fader or knob will not work until it is positioned at the current value of the newly selected software control. For example, if you move **Fader 1** in Bank 1 and then switch to Bank 2, physical **Fader 1** will not affect software Fader 5 until the physical fader is positioned at the current value of software Fader 5. This feature allows you to make changes in one bank and then switch banks without making unwanted changes to the new bank's controls. The **Display** will show a checkered value meter if a **Fader** or **Knob** needs to be moved before it can "take over" its assigned control.

Faders/Buttons

22. **Faders (4):** Push these faders up/down to perform their assigned controls. When operating with a DAW, the assigned controls will be predetermined. When operating with a preset or DAW selected, the controls can be edited.

23. **MODE:** Press the **Mode Button** to activate one of the secondary Modes for the **Function Buttons**. When the **Mode Button** is lit it will activate the DAW or MIDI functionality of the **Function buttons.** When the **Mode Button** is <u>not</u> lit it will enable the silkscreened functions of the **Function Buttons.** When the keyboard is set to operate in DAW Mode, the available secondary Modes for the **Function Buttons** are **Rec, Select, Mute,** and **Solo**; in these Modes, the buttons perform predetermined DAW channel Record Arm, Track Select, Mute, and Solo functions. When the keyboard is set to operate in Preset Mode, the available secondary Mode for the **Function Buttons** is **MIDI**, in which the buttons perform MIDI controls that are predetermined in one of the custom presets.
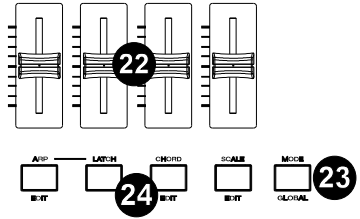
The **Mode Button** LED indicates which Mode the **Function Buttons** are in.

Hold **Shift** and press the **Mode Button** to access the keyboard's Global Settings menu (see *Global Settings Menu*. In the Global Settings menu, by changing the **BUTTON** selection, you can change what the **Function Buttons** control in **DAW mode** (**Rec, Select, Mute,** or **Solo)**.

24. **Function Buttons (1–4):** When the **Function Buttons** are set to their primary Mode, they will control the keyboard's internal functions, as described below:

ARP: Press this button to activate the arpeggiator. Hold **Shift** and press this button to edit the arpeggiator's settings.

LATCH: Press this button to toggle the arpeggiator between momentary and latch Mode.

CHORD: Press this button to activate Chord Mode. Hold **Shift** and press this button to edit the Chord Mode settings.

SCALE: Press this button to activate Scale Mode. Hold **Shift** and press this button to edit the Scale Mode settings.

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Rear Panel

1. **USB:** When connected to a computer, the USB port delivers power to the keyboard and transmits MIDI data.

2. **SUSTAIN:** This input accepts a momentary-contact foot pedal (not included). When pressed, the pedal by default will sustain the sound you are playing without you having to keep your fingers pressed down on the keys. The sustain pedal input can be remapped to perform a custom MIDI assignment.
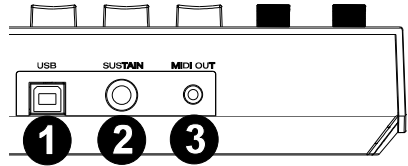
Note: The polarity of the sustain pedal is determined by the keyboard upon startup. When an Oxygen Pro Mini keyboard is powering up, the sustain pedal is assumed to be in the "up" (Off) position. It is important that the sustain pedal is not in the down position before starting up the keyboard, as the pedal will then operate in reverse, and notes will sustain when the pedal is not pressed.

3. **MIDI OUT:** Use a 1/8" TRS to 5-pin MIDI cable (sold separately) to connect this port to a hardware synth or other MIDI device.

Note: The MIDI output port can send MIDI from the Oxygen Pro Mini, your connected computer, or both. Go into the Global Settings (see *Global Settings Menu*) to set what is sent to the MIDI Out.

Note: Please use a TRS 3.5 mm to 5 Pins DIN Female - Type A cable

Basic Concepts

This section gives an overview of some fundamental concepts that will help you understand and use your Oxygen Pro Mini keyboard.

Keyboard

Octaves and Transposition

Tempo Control

Note Repeat/Latch Button

Presets

DAW and Preset Mode

SHIFT

Back Button

Encoder and Encoder Button

Mode Button

ARP and Latch Control

Smart Chord Control

Smart Scale Control

DAW Knob Control

ARP Knob Control

Each section contains links to other relevant sections of this guide, which we recommend reading, as well.

Keyboard

The keyboard is velocity-sensitive and can access the full range of 127 available MIDI notes across 10 octaves.

Pressing **SHIFT** and one of the labeled keys allows users to quickly edit chord functionality or change the global channel.

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Octaves and Transposition

By using the **Key Octave –/+** buttons, the keyboard can access the full range of 127 available MIDI notes (10 octaves). Additionally, you can transpose the keyboard up to 12 semitones (1 octave) in either direction.

To change the octave of the keyboard, use the **Key Octave –/+** buttons to lower or raise the octave, respectively. The **display** will temporarily show **OCT** and the current octave shift.

Oxygen Pro Mini's keyboard can be shifted **4** octaves down or **5** octaves up.

To change the transposition of the keyboard, press and hold **Shift**, and then use the **Key Octave –/+** buttons to lower or raise the keybed by one one, respectively. The **display** will temporarily show **TRANS** and the current transposition (**-12** to **12**).

Tempo Control

To edit the Tempo button, press the Tempo button. You can either repeatedly tap the **TEMPO** button to enter in the tempo, or press and hold the **TEMPO** button to enter into the **TEMPO EDIT** mode. Once in the **TEMPO EDIT** mode you can scroll through the available parameter values using the Encoder. Select what parameter you would like to edit by pressing the Encoder.

Clock Source "CLOCK": Selects whether the tempo is sent from the keyboard's internal tempo or synced to an external DAW.

Available Values: Internal, External

BPM ###.: 20.00 – 240.00

BPM .#: .0 – .9

Note: Clock messages are sent and received on Oxygen Pro Mini's Port 1 (Oxygen Pro ##/USB MIDI).

Note Repeat/Latch Button

When this button is pressed and held it will activate the Pad's Note Repeat/Roll functionality.

If **SHIFT** and this button are pressed together, then that will activate the Note Repeat button's Latch feature.

While Note Repeat is active, the **Select/Scroll Encoder** can be used to change the current **Time Division** setting of the **Arpeggiator** and pad **Note Repeat**:

- **1/4**
- **1/4T**
- **1/8**
- **1/8T**
- **1/16**
- **1/16T**
- **1/32**
- **1/32T**

Note: You can also use **SHIFT** and the 1/4, 1/8, 1/16, and 1/32 **Pads** to change tempos. To access the triplet functionality of a Time Division Pad, double press the desired Time Division Pad.

Presets

A preset is a saved collection of assignments for your Oxygen Pro Mini's controls, channel settings, etc. You can store up to **14 Preset** presets in Oxygen Pro Mini's internal memory, enabling you to use a dedicated preset for each virtual instrument, or project/session.

Along with the included **DAW** presets you can store your own **DAW** preset in Oxygen Pro Mini's internal memory, enabling you to create and use your own dedicated DAW preset for your digital audio workstation (DAW).

We recommend registering your Oxygen Pro Mini's on **m-audio.com** and downloading the **Oxygen Pro Software Manager**.

In the **Software Manager** you'll have access to all of your included software as well as the Oxygen Pro Mini **Preset Editor**. The **Preset Editor** gives you a visual and intuitive way to edit the various messages that Oxygen Pro Mini's controls send to your computer without having to use the hardware interface. The **Preset Editor** enables you to save and load custom presets from your computer.

To select a Preset preset on the Oxygen Pro Mini, press and hold the **DAW/PRESET** button when the button is in **Preset Mode** (button unlit) until the Preset Selection screen appears on the OLED, then turn the **Encoder** to scroll to a preset, and then press the **Encoder** to select your desired preset.

To select a DAW preset on the Oxygen Pro Mini, press and hold the **DAW/PRESET** button when the button is in **DAW Mode** (button lit) until the DAW preset Selection screen appears on the OLED, then turn the **Encoder** to scroll to a DAW preset, and then press the **Encoder** to select your desired preset.

Important: If you power off your Oxygen Pro Mini keyboard without saving/storing your preset, you will lose any assignments or changes you have made.

DAW and Preset Mode

Once you've set up your Oxygen Pro Mini keyboard to work with your DAW, it's time to set the keyboard's operation Mode, Preset or DAW. By choosing the operation Mode, you can quickly switch between the Oxygen Pro Mini controlling your DAW's controls when DAW mode is active to controlling a soft synth/Virtual Instrument when Preset mode is active.

These two operation Modes determine the function of the MIDI keyboard's editable controls:

- **DAW:** In DAW Mode, the keyboard's controls will be mapped to faders, buttons, knobs, and in some cases pads in your DAW.

- **Preset:** In Preset Mode, the keyboard's controls will be mapped to faders, buttons, knobs, and pads in your selected Virtual Instrument. The keyboard's editable controls can be set to functions that you design yourself. A number of individual preset mappings can be created and then saved to the keyboard's internal memory for you to load at a later time.

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To set the keyboard to operate in DAW Mode, press the **DAW/Preset Button**. The button LED will be lit to show that DAW Mode is selected.

To change which DAW your keyboard is set to control:

1. Press and hold the **DAW Button** to open the DAW Select menu on the **Display**.

2. Turn the **Select/Scroll Encoder** to cycle through the available DAWs on the **Display**. As you turn the Encoder, the currently selected DAW will update on the **Display**. The **User** option enables you to map custom DAW controls to the keyboard, as described in the *Basic Concepts* section.

3. When the DAW you want is shown on the Display, press the **Select/Scroll Encoder** to confirm your selection.

   Note: To exit out of DAW Mode without changing the currently selected DAW, press the **Back Button**.

Most DAWs will automatically recognize the Oxygen Pro Mini keyboard, and automatically configure your Oxygen Pro Mini's ontrols as a control surface in DAW mode, and virtual instrument controller in Preset mode.

If your DAW does not automatically configure your Oxygen Pro Mini keyboard, please follow the setup steps listed in the **Oxygen Pro Mini DAW Setup Guides**.

To set the keyboard to operate in Preset Mode, press the **DAW/Preset Button**. The LED will be off to show that Preset Mode is selected.

To change the currently selected preset:

1. Press and hold the **Preset Button** to open the Preset Select menu on the **Display**.

2. Turn the **Select/Scroll Encoder** to cycle through the available Presets on the **Display**. As you turn the Encoder, the currently selected Preset will update on the Display.

3. When the preset you want is shown on the **Display**, press the **Select/Scroll Encoder** to confirm your selection.

There are Presets for all of the Virtual Instruments included with your Oxygen Pro Mini. For Virtual Instruments that are not included with your Oxygen Pro Mini, we suggest using MPC Beats as a plugin wrapper in your favorite DAW, and the Oxygen Pro Mini's **MPC PI** preset. MPC Beats opens as a plugin wrapper in all mainstream DAWs to merge the best of all DAW worlds. This gives you the freedom to use MPC Beats as a soft synth/Virtual Instrument plugin wrapper, enabling you to have all of your Oxygen Pro Mini's controls auto-mapped to your favorite soft synth/Virtual Instrument plugin.

To download the included MPC Beats software, follow the instructions on the included software download card.

SHIFT Button

When this button is pressed and held it will enable you to select SHIFT modifier functions of the keyboard.

Back Button

When in any of the keyboard's available editing modes, this button will send a message to go back to a previous menu. When not in any of the edit modes, this button will send a separate MIDI, Mackie or Mackie/HUI message in DAW mode. When in PRESET mode, this button will send a separate user editable MIDI message when preset 1-14 is selected.

When **SHIFT** is pressed and held with this button it will delete the currently selected letter when saving a User Preset Name, or User DAW Name.

Encoder and Encoder Button

When in any of the keyboard's available editing modes this Encoder is used for scrolling through selections when turned left and right and will enter when pressed. When in DAW Mode this Encoder will send separate Up/Down or Left/Right messages (depending on the DAW), and Enter messages. In Preset mode this Encoder will either send the same message as the DAW Encoder assignment or send Program or CC messages.

When **NOTE REPEAT** is active the Encoder will be used for selecting **NOTE REPEAT** and **ARP** time division settings.

Mode Button

The Mode button's LED will be lit to show that the Fader Buttons secondary function is active. The secondary function is dependent on what mode the keyboard is in, DAW or Preset, and what "Button" selection is active in the Global functions, Record, Solo, Mute, or Select. In Preset and DAW mode, the fader buttons silkscreened options will always be available for selection. In DAW mode, the fader buttons silkscreened options will be available for selection, as well as track Record (Record arm), Select, Mute, and Solo. In Preset mode, the fader buttons silkscreened options will be available for selection, as well as user editable MIDI messages.

DAW Mode

- **Off/No LED:** Fader Buttons will activate the following options:
    o ARP On/Off, ARP Edit Enter/Exit
    o ARP Latch On/Off
    o Smart Chord On/Off, Chord Edit Enter/Exit
    o Smart Scale On/Off, Scales Edit Enter/Exit
- **Rec/Mode LED lit:** Fader Buttons will activate Record Arm MIDI, Mackie, or Mackie/HUI messages for the associated button's current channel in your DAW.
- **Select/Mode LED lit:** Fader Buttons will activate Track Select MIDI, Mackie, or Mackie/HUI messages for the associated button's current channel in your DAW.
- **Mute/Mode LED lit:** Fader Buttons will activate Mute MIDI, Mackie, or Mackie/HUI messages for the associated button's current channel in your DAW.
- **Solo/Mode LED lit:** Fader Buttons will activate Solo MIDI, Mackie, or Mackie/HUI messages for the associated button's current channel in your DAW.

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Preset Mode

- **Off/No LED:** Fader Buttons will activate the following options:
    - o ARP On/Off, ARP Edit Enter/Exit
    - o ARP Latch On/Off
    - o Chord On/Off, Chord Edit Enter/Exit
    - o Scales On/Off, Scales Edit Enter/Exit
- **MIDI/Mode LED lit:** Fader Buttons will send predetermined MIDI messages when in a factory preset, or any user assignable MIDI message when in the user presets.

ARP and ARP LATCH Control

On the **Oxygen Pro Mini**, when this button is pressed, it will activate the keyboard's internal arpeggiator. The arpeggiator's rate is based on the current Tempo and Time Division settings – Tempo settings are editable using the Tempo button. Time Division settings can be accessed by pressing and holding the **Note Repeat** button and turning the **Encoder** or by pressing and holding the **Shift** button, and pressing **Pads 5 - 8**.

To activate the **ARP Latch** functionality on the Oxygen Pro Mini, press the **ARP Latch** button. If the ARP button is active, then the **ARP** button will be lit to show that the **ARP** is active. If **ARP Latch** is active the **ARP Latch** button will be lit.

Note: You can also sync the Arpeggiator to either the current Tempo's BPM setting, or an external MIDI Clock source. The clock source can be edited in Preset Edit Mode and selecting/pressing the Tempo button. Arpeggiator functionality is available in the 2 keyboard modes, DAW, PRESET.

Smart Chord Control

On the **Oxygen Pro Mini**, when this button is pressed, it will activate the keyboard's internal Smart Chord functionality. The Smart Chord functionality can function on notes being played on the keyboard or pads depending on the selection in the **GLOBAL SETTINGS** menu. When Smart Chord mode is active a single key press will play a chord as selected in the current Smart Chord Edit options. This functionality is available in the 2 keyboard modes, DAW, PRESET.

Smart Scale Control

On the **Oxygen Pro Mini**, when this button is pressed, it will activate the keyboard's internal Smart Scale functionality. The current scale is based on the current Smart Scale settings (in the Smart Scale Edit menu). The Smart Scale functionality will only function on notes being played on the keyboard only. When Smart Scale Mode is active, keys will only play notes in the key of the current key and scale selection. This functionality is available in the 2 keyboard modes, DAW, PRESET.

DAW Knob Control

Using the **SHIFT** button and **Pads 1-3** will enable you to change the function of knobs in DAW mode.

DAW Mode
- **Pan:** Will change the knobs function to control the channel pan knobs in your DAW.
- **Device:** Will change the knobs function to control the currently selected channel's plugin controls in your DAW.
  Note: Not all DAWs support Device control.
- **Sends:** Will change the knobs function to control the currently selected channel's send controls in your DAW.
  Note: Not all DAWs support Sends control.

ARP Knob Control

Using the **SHIFT** button and **Knobs 1-4** will enable you to change the function of knobs to control the functions of the Arpeggiator.

Arp Knob Controls
- **Type:** Will change what order the notes will be played back in the ARP.
- **Octave:** Will change the octave range of the ARP.
- **Gate:** Will change the length of the ARP's notes.
- **Swing:** Will change how much the ARPs Tempo will swing.

Note: You can lock and unlock your ARP knob controls to always be active by pressing **SHIFT** and **BANK >**.

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Preset Edit Mode

When **SHIFT** is pressed and held and the DAW/PRESET button is pressed, it will enter into editing the Preset or User DAW. Press the Encoder on "Preset" and the preset controls will be available for editing.

The default parameter to be edited will be the current Preset's Pitch Wheel assignment. However, once a different control is moved, or pressed, for example Knob 1, it will activate that selected control for editing.

Storing a Preset

To store a Preset:

1. Press **SHIFT** and the **DAW/Preset** button to enter Edit Mode. The OLED will display "EDIT" in the top row, and depending on the current DAW/Preset mode selection, will have Preset or DAW highlighted in the second row.

   Note: When **Preset** or **DAW** is highlighted you can turn the **Encoder** to change from editing **DAW** or **Preset** mode, changing the current selection.

2. Press the **Encoder** to enter into either **DAW** or **Preset** edit mode.

3. Edit a control.

4. Press the **DAW/Preset** button.

5. The display will show "**SAVE?**" with the following selections available:

   - **Cancel:** Selecting **Cancel** will revert any changes made.

   - **Replace:** Selecting **Replace** will write over the currently selected preset.

   - **Save As:** Selecting "Yes" to **Save As** enable you to choose what number "**LOCATION**" the preset will be and edit/change what the preset's name "**NAME**" is. The last available selection in the **Save As** screen is **Save.** Pressing "**Yes**" on the **Save** screen will save your new preset.

Note: When editing a preset name, use the Shift button and the Encoder to scroll to a letter you want to edit and release Shift to select the current letter. To erase a letter in a preset name, press **SHIFT** and the **Back** button.

Channel Definitions

Channel:

Select the global channel (**Global**) to use the channel assigned in the **GLOBAL SETTING** menu, or a specific channel (**Channel 1–16**).

- **Global:** Will send on the global MIDI channel. The Global MIDI channel is assigned in the **GLOBAL EDIT SETTINGS** menu.

- **Channel 1–16:** Will send on a specific MIDI channel.

Editable Preset Controls

Pitch Wheel

To edit the Pitch Wheel control when in Preset Edit Mode, move the Pitch Wheel. You can scroll through the available parameter values using the Encoder. Select what parameter you would like to edit by pressing the Encoder.

Channel: The Pitch Wheel will send its messages over this channel. Select the global channel (**Global**), or a specific channel (**Channel 1–16**).

Available Values: Global, 1-16

Minimum Value: The wheel's minimum position will correspond with this value. You can reverse the wheel's polarity by making this value larger than the **Max** value.

Available Values: 0-127

Maximum Value: The wheel's maximum position will correspond with this value. You can reverse the wheel's polarity by making this value smaller than the **Min** value.

Available Values: 0-127

Modulation Wheel

To edit the Modulation Wheel control when in Preset Edit Mode, move the Modulation Wheel. You can scroll through the available parameter values using the Encoder. Select what parameter you would like to edit by pressing the Encoder.

Channel: The Mod Wheel will send its messages over this channel. Select the global channel (**Global**), or a specific channel (**Channel 1–16**).

Available Values: Global, 1-16

CC: The Mod wheel will send its MIDI messages using this CC number.

Available Values: 0-127

Minimum Value: The wheel's minimum position will correspond with this value. You can reverse the wheel's polarity by making this value larger than the **Max** value.

Available Values: 0-127

Maximum Value: The wheel's maximum position will correspond with this value. You can reverse the wheel's polarity by making this value smaller than the Min value.

Available Values: 0-127

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Fader

To edit the Fader control when in Preset Edit Mode, move the Fader. You can scroll through the available parameter values using the Encoder. Select what parameter you would like to edit by pressing the Encoder.

Channel: The Fader will send its messages over this channel. Select the global channel (**Global**), or a specific channel (**Channel 1–16**).
Available Values: Global, 1-16

CC: The fader will send its MIDI messages using this CC number.
Available Values: 0-127

Minimum Value: The fader's minimum position will correspond with this value. You can reverse the fader's polarity by making this value larger than the **Maximum** value.
Available Values: 0-127

Maximum Value: The fader's maximum position will correspond with this value. You can reverse the fader's polarity by making this value smaller than the **Minimum** value.
Available Values: 0-127

Knobs

To edit one of the Knobs when in Preset Edit Mode, move a Knob. You can scroll through the available parameter values using the Encoder. Select what parameter you would like to edit by pressing the Encoder.

Channel: The knob will send its messages over this channel. Select the global channel (**Global**), or a specific channel (**Channel 1–16**).
Available Values: Global, 1-16

CC: The knob will send its MIDI messages using this CC number.
Available Values: 0-127

Minimum Value: The knob's minimum position will correspond with this value. You can reverse the knob's polarity by making this value larger than the **Maximum** value.
Available Values: 0-127

Maximum Value: The knob's maximum position will correspond with this value. You can reverse the knob's polarity by making this value smaller than the **Minimum** value.
Available Values: 0-127

Fader Buttons

To edit one of the Fader Buttons when in Preset Edit Mode, press a fader button. You can scroll through the available parameter values using the Encoder. Select what parameter you would like to edit by pressing the Encoder.

Channel: The fader button will send its messages over this channel. Select the global channel (**Global**), or a specific channel (**Channel 1–16**).
Available Values: Global, 1-16

Mode "MODE":

- CC **"CC":** The fader button will send its MIDI messages using this CC number.
- CC Cycle **"CC CYCLE":** The fader button will send the value with this CC number when you press it, one at a time, cycling through them with each press.
- CC Inc/Dec **"CC INC/DC":** The fader button will send the next (Increment) or previous (Decrement) value number in the range of values when you press it.
- Program **"PROGRAM":** The fader button will send this program number when you press it.
- Program Cycle **"PRG CYCL":** The fader button will send the value with this Program number when you press it, one at a time, cycling through them with each press.
- Program Inc/Dec **"PG IN/DC":** The fader button will send the next (Increment) or previous (Decrement) program number in the range of programs when you press it.
- Note **"NOTE":** The fader button will send its MIDI messages using this Note number.

When set to CC, these are the available parameters:
CC: The fader button will send its MIDI messages using this CC number.
Available Values: 0-127

Press: The fader button will send the MIDI CC number with this value when you press it.
Available Values: 0-127

Release: The fader button will send the MIDI CC number with this value when you release it.
Available Values: 0-127

When set to CC Cycle, these are the available parameters:
CC: The fader button will send its MIDI messages using this CC number.
Available Values: 0-127

Press: The fader button will send the MIDI CC number with this value when you press it.
Available Values: 0-127

Release: The fader button will send the MIDI CC number with this value when you release it.
Available Values: 0-127

Values: The fader button will send the value with this CC number when you press it, one at a time, cycling through them with each press.

Available Values:

- 2 Values
- 3 Values
- 4 Values

First Value:

Available Values: 0-127

Second Value:

Available Values: 0-127

Third Value:

Available Values: 0-127

Last:

Available Values: 0-127

When set to CC IN/DC, these are the available parameters:

CC: The fader button will send its MIDI messages using this CC number.

Available Values: 0-127

Type: The fader button will send the next (**Increment**) or previous (**Decrement**) value number in the range of values when you press it.

Min: The lowest value in the range of values will correspond with this setting.

Available Values: 0-127

Max: The highest value in the range of values will correspond with this setting.

Available Values: 0-127

When set to Program, these are the available parameters:

Program: The fader button will send this program number when you press it.

Available Values: 0-127

MSB: The fader button will send this Bank MSB (Most Significant Byte) number when you press it.

Available Values: 0-127

LSB: The fader button will send this Bank LSB (Least Significant Byte) number when you press it.

Available Values: 0-127

When set to Program Cycle, these are the available parameters:

Values: The fader button will cycle through this many Program values (one at a time) when you press it: **2 Values**, **3 Values**, or **4 Values**.

Available Values:

- 2 Values
- 3 Values
- 4 Values

First: The fader button will send this Program message first when you press it.

Available Values: 0-127

Second: The fader button will send this Program message second when you press it.

Available Values: 0-127

Third: The fader button will send this Program message third when you press it.

Available Values: 0-127

Last: The fader button will send this Program message last when you press it.

Available Values: 0 – 127

When set to Program IN/DC (PG IN/DC), these are the available parameters:

Type: The fader button will send the next (**Increment**) or previous (**Decrement**) value number in the range of values when you press it.

Min: The lowest Program value in the range of values will correspond with this setting.

Available Values: 0-127

Max: The highest Program value in the range of values will correspond with this setting.

Available Values: 0-127

When set to Note, these are the available parameters:

Note: The fader button will send its MIDI messages using this Note number.

Available Values: C-2 – G8

Latch: When set to Latch On, the fader button will send one value when pressed and a different value when pressed a second time, alternating between the two values with each press. When set to Latch Off, the fader buttons will send one value when pressed and one value when released.

Available Values: On/Off

Note On: When Latch is active, the fader button will send the MIDI note number with this velocity when you press it to turn it on.

Available Values: 0-127

Note Off: When Latch is active, the fader button will send the MIDI note number with this velocity when you press it to turn it off.

Available Values: 0-127

Sustain Pedal

To edit the Sustain Pedal when in Preset Edit Mode, press a connected Sustain Pedal. You can scroll through the available parameter values using the Encoder. Select what parameter you would like to edit by pressing the Encoder.

Channel: The Sustain Pedal will send its messages over this channel. Select the global channel (**Global**), or a specific channel (**Channel 1–16**).

Available Values: Global, 1-16

CC: The Sustain Pedal will send its MIDI messages using this CC number.

Available Values: 0-127

Press: The Sustain Pedal will send the MIDI CC number with this value when you press it.

Available Values: 0-127

Release: The Sustain Pedal will send the MIDI CC number with this value when you release it.

Available Values: 0-127

Latch: When set to Latch On, the Sustain Pedal will send one value when pressed and a different value when pressed a second time, alternating between the two values with each press. When set to Latch Off, the Sustain Pedal will send one value when pressed and one value when released.

Available Values: On/Off

Pads

To edit one of the Pads when in Preset Edit Mode, press a Pad. You can scroll through the available parameter values using the Encoder. Select what parameter you would like to edit by pressing the Encoder.

Channel: The pad will send its messages over this channel. Select the global channel (**Global**), or a specific channel (**Channel 1**–**16**).
Available Values: Global, 1-16

Color 1: Select the primary color that you want to assign to the pad.
Available Values: Off "**OFF**", Chartreuse **"CHAR."**, Green **"GREEN"**, Aquamarine **"AQUA"**, Cyan **"CYAN"**, Azure **"AZURE"**, Blue **"BLUE"**, Violet **"VIOLET"**, Magenta **"MAGENTA"**, Rose **"ROSE"**, Red **"RED"**, Orange **"ORANGE"**, Yellow **"YELLOW"**, White **"WHITE"**.

Color 2: Select the secondary color that you want to assign to the pad.
Available Values: Off "**OFF**", Chartreuse **"CHAR."**, Green **"GREEN"**, Aquamarine **"AQUA"**, Cyan **"CYAN"**, Azure **"AZURE"**, Blue **"BLUE"**, Violet **"VIOLET"**, Magenta **"MAGENTA"**, Rose **"ROSE"**, Red **"RED"**, Orange **"ORANGE"**, Yellow **"YELLOW"**, White **"WHITE"**.

Mode "MODE":

- Note **"NOTE":** The pad will send its MIDI messages using this Note number.
- CC **"CC":** The pad will send its MIDI messages using this CC number.
- CC Cycle **"CC CYCLE":** The pad will send the value with this CC number when you press it, one at a time, cycling through them with each press.
- CC Inc/Dec **"CC INC/DC":** The pad will send the next (Increment) or previous (Decrement) value number in the range of values when you press it.
- Program **"PROGRAM":** The pad will send this program number when you press it.
- Program Cycle **"PRG CYCL":** The pad will send the value with this Program number when you press it, one at a time, cycling through them with each press.
- Program Inc/Dec **"PG IN/DC":** The pad will send the next (Increment) or previous (Decrement) program number in the range of programs when you press it.

When set to Note, these are the available parameters:

Note: The pad will send its MIDI messages using this Note number.
Available Values: C-1 – G9

Latch: When set to Latch On, the pad will send one value when pressed and a different value when pressed a second time, alternating between the two values with each press. When set to Latch Off, the pads will send one value when pressed and one value when released.
Available Values: On/Off

Note On: When Latch is active, the pad will send the MIDI note number with this velocity when you press it to turn it on.
Available Values: 0-127

Note Off: When Latch is active, the pad will send the MIDI note number with this velocity when you press it to turn it off.

Available Values: 0-127

When set to CC, these are the available parameters:

CC: The pad will send its MIDI messages using this CC number.

Available Values: 0-127

Press: The pad will send the MIDI CC number with this value when you press it.

Available Values: 0-127

Release: The pad will send the MIDI CC number with this value when you release it.

Available Values: 0-127

When set to CC Cycle, these are the available parameters:

CC: The pad will send its MIDI messages using this CC number.

Available Values: 0-127

Press: The pad will send the MIDI CC number with this value when you press it.

Available Values: 0-127

Release: The pad will send the MIDI CC number with this value when you release it.

Available Values: 0-127

Values: The pad will send the value with this CC number when you press it, one at a time, cycling through them with each press.

Available Values:

- 2 Values
- 3 Values
- 4 Values

First Value:
Available Values: 0-127

Second Value:
Available Values: 0-127

Third Value:
Available Values: 0-127

Last:
Available Values: 0-127

When set to CC IN/DC, these are the available parameters:

CC: The pad will send its MIDI messages using this CC number.

Available Values: 0-127

Type: The pad will send the next (**Increment**) or previous (**Decrement**) value number in the range of values when you press it.

Min: The lowest value in the range of values will correspond with this setting.

Available Values: 0-127

Max: The highest value in the range of values will correspond with this setting.

Available Values: 0-127

When set to Program, these are the available parameters:

Program: The pad will send this program number when you press it.

Available Values: 0-127

MSB: The pad will send this Bank MSB (Most Significant Byte) number when you press it.

Available Values: 0-127

LSB: The pad will send this Bank LSB (Least Significant Byte) number when you press it.

Available Values: 0-127

When set to Program Cycle, these are the available parameters:

Values: The pad will cycle through this many Program values (one at a time) when you press it: **2 Values**, **3 Values**, or **4 Values**.

Available Values:

- 2 Values
- 3 Values
- 4 Values

First: The pad will send this Program message first when you press it.

Available Values: 0-127

Second: The pad will send this Program message second when you press it.

Available Values: 0-127

Third: The pad will send this Program message third when you press it.

Available Values: 0-127

Last: The pad will send this Program message last when you press it.

Available Values: 0-127

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When set to Program IN/DC (PG IN/DC), these are the available parameters:

Type: The pad will send the next (**Increment**) or previous (**Decrement**) value number in the range of values when you press it.

Min: The lowest Program value in the range of values will correspond with this setting.

Available Values: 0-127

Max: The highest Program value in the range of values will correspond with this setting.

Available Values: 0-127

Encoder Turn

To edit the turn functionality of the Encoder when in Preset Edit Mode, press and hold the **SHIFT** button and move the **ENCODER**. You can scroll through the available parameter values using the Encoder. Select what parameter you would like to edit by pressing the Encoder.

Channel: The Encoder will send its messages over this channel. Select the global channel (**Global**), or a specific channel (**Channel 1–16**).

Available Values: Global, 1-16

Message:
- Same as DAW **"DAW":** This assignment will match the message assigned to the Oxygen Pro Mini's current DAW selection's Encoder.
- Program Cycle **"PRG CYCL":** This is useful for selecting between different presets in software or external MIDI hardware. Select from 2-4 program messages.
- Program Inc/Dec **"PG IN/DC"**: This is useful to scroll through multiple program messages.
- CC Cycle **"CC CYCLE":** This useful for controlling from 2 - 4 CC values, as seen on a button or virtual instrument control with 2-4 parameters. Select from 2-4 values.
- CC Inc/Dec **"CC IN/DC":** This is useful for scrolling through several CC values.
- CC Relative **"CC RELTV":** This is useful for controlling endless Encoders in software. Select from Right 65, Left 63; Right 63, Left 65; Right 127, Left 01; Right 01, Left 127.

When set to Program Cycle, these are the available parameters:

Values: The Encoder will cycle through this many Program values (one at a time) when you turn it: **2 Values**, **3 Values**, or **4 Values**.

Available Values:
- 2 Values
- 3 Values
- 4 Values

First: The Encoder will send this Program message first when you press it.

Available Values: 0-127

Second: The Encoder will send this Program message second when you press it.

Available Values: 0-127

Third: The Encoder will send this Program message third when you press it.

Available Values: 0-127

Last: The Encoder will send this Program message last when you press it.

Available Values: 0-127

When set to Program IN/DC (PG IN/DC), these are the available parameters:

Type: The Encoder will send the next (**Increment**) or previous (**Decrement**) value number in the range of values when you turn it.

Minimum: The lowest Program value in the range of values will correspond with this setting.

Available Values: 0-127

Maximum: The highest Program value in the range of values will correspond with this setting.

Available Values: 0-127

When set to CC Cycle, these are the available parameters:

CC: The Encoder will send its MIDI messages using this CC number.

Available Values: 0-127

Values: The Encoder will send the value with this CC number when you turn it, one at a time, cycling through them with each notch.

Available Values:

- 2 Values
- 3 Values
- 4 Values

First: The Encoder will send the MIDI CC number with this value when you first turn it.

Available Values: 0-127

Second: The Encoder will send the MIDI CC number with this value at the second notch of the turn.

Available Values: 0-127

Third: The Encoder will send the MIDI CC number with this value at the third notch of the turn.

Available Values: 0-127

Last: The Encoder will send the MIDI CC number with this value at the final notch of the turn.

Available Values: 0-127

When set to CC IN/DC, these are the available parameters:

CC: The Encoder will send its MIDI messages using this CC number.

Available Values: 0-127

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Min: The lowest value in the range of values will correspond with this setting.
Available Values: 0-127

Max: The highest value in the range of values will correspond with this setting.
Available Values: 0-127

When set to CC Relative, these are the available parameters:
CC: The Encoder will send its MIDI messages using this CC number.
Available Values: 0-127

Type: The Encoder will send a value number in the range of values when you turn it left or right.
Available Values:
- Right 65, Left 63
- Right 63, Left 65
- Right 127, Left 01
- Right 01, Left 127

Encoder Press

To edit the press functionality of the Encoder when in Preset Edit Mode, press and hold the **SHIFT** button and press the **ENCODER**. You can scroll through the available parameter values using the Encoder. Select what parameter you would like to edit by pressing the Encoder.

Channel: The Encoder will send its messages over this channel. Select the global channel (**Global**), or a specific channel (**Channel 1–16**).

Available Values: Global, 1-16

Assign:
- Same as DAW **"DAW":** This assignment will match the message assigned to the Oxygen Pro Mini's current DAW selection's Encoder press.
- **CC:** When set to **CC**, the Encoder press will send standard MIDI CC messages to your virtual instrument.
- **Program:** The Encoder will send its MIDI messages using the selected **Program** number and **MSB** and **LSB** values.

When set to CC, these are the available parameters:

CC: The Encoder will send its MIDI messages using this CC number.

Available Values: 0-127

Press: The Encoder will send the MIDI CC number with this value when you press it.

Available Values: 0-127

Release: The Encoder will send the MIDI CC number with this value when you release it.

Available Values: 0-127

When set to Program, these are the available parameters:

Program: The Encoder will send this program number when you press it.

Available Values: 0-127

MSB: The Encoder will send this Bank MSB (Most Significant Byte) number when you press it.

Available Values: 0-127

LSB: The Encoder will send this Bank LSB (Least Significant Byte) number when you press it.

Available Values: 0-127

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Back Button

To edit the functionality of the Back button when in Preset Edit Mode, press and hold the **SHIFT** button and press the **Back** button. You can scroll through the available parameter values using the Encoder. Select what parameter you would like to edit by pressing the Encoder.

Channel: The Back button will send its messages over this channel. Select the global channel (**Global**), or a specific channel (**Channel 1–16**).
Available Values: Global, 1-16

Assign:
- Same as DAW **"DAW":** This assignment will match the message assigned to the Oxygen Pro Mini's current DAW selection's Back button.
- **CC:** When set to **CC**, the Back button will send standard MIDI CC messages to your virtual instrument.
- **Program:** The Back button will send its MIDI messages using the selected **Program** number and **MSB** and **LSB** values.

When set to CC, these are the available parameters:
CC: The Back buton will send its MIDI messages using this CC number.
Available Values: 0-127

Press: The Back button will send the MIDI CC number with this value when you press it.
Available Values: 0-127

Release: The Back button will send the MIDI CC number with this value when you release it.
Available Values: 0-127

When set to Program, these are the available parameters:
Program: The Back button will send this program number when you press it.
Available Values: 0-127

MSB: The Back button will send this Bank MSB (Most Significant Byte) number when you press it.
Available Values: 0-127

LSB: The Back button will send this Bank LSB (Least Significant Byte) number when you press it.
Available Values: 0-127

Saving a Preset

To store a Preset:

1. Press **SHIFT** and the **DAW/Preset** button to enter Edit Mode. The OLED will display "EDIT" in the top row, and depending on the current DAW/Preset mode selection, will have Preset or DAW highlighted in the second row.

   Note: When **Preset** or **DAW** is highlighted you can turn the **Encoder** to change from editing **DAW** or **Preset** mode, changing the current selection.

2. Press the **Encoder** to enter into either **DAW** or **Preset** edit mode.

3. Edit a control.

4. Press the **DAW/Preset** button.

5. The display will show "**SAVE?"** with the following selections available.

   - **Cancel:** Selecting **Cancel** will revert any changes made.

   - **Replace:** Selecting **Replace** will write over the currently selected preset.

   - **Save As:** Selecting "Yes" to **Save As** enable you to choose what number "**LOCATION"** the preset will be and edit/change what the preset's name "**NAME"** is. The last available selection in the **Save As** screen is **Save.** Pressing "Yes" on the **Save** screen will save your new preset.

Note: When editing a preset name, use the Encoder to scroll to a letter you want to edit and press the Encoder to select the current letter. To erase a letter in a preset name, press **SHIFT** and the **Back** button.

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DAW Edit Mode

When **SHIFT** is pressed and held and the DAW/PRESET button is pressed, it will enter into editing the Preset or User DAW. Press the Encoder on "DAW" and the DAW controls will be available for editing.

The default parameter to be edited will be the current User DAW's Fader 1 assignment. However, once a different control is moved, or pressed, for example Knob 1, it will activate that selected control for editing.

Storing a User DAW

To store a User DAW:

1. Press **SHIFT** and the **DAW/Preset** button to enter Edit Mode. The OLED will display "EDIT" in the top row, and depending on the current DAW/Preset mode selection, will have Preset or DAW highlighted in the second row.

   Note: When **Preset** or **DAW** is highlighted you can turn the **Encoder** to change from editing **DAW** or **Preset** mode, changing the current selection.

2. Press the **Encoder** to enter into either **DAW** or **Preset** edit mode.

3. Edit a control.

4. Press the **DAW/Preset** button.

5. The display will show "**SAVE?**" with the following selections available.

   - **Cancel:** Selecting **Cancel** will revert any changes made.
   - **Replace:** Selecting **Replace** will write over the currently selected preset.
   - **Save As:** Selecting "Yes" to **Save As** enable you to edit/change what the DAW's name "**NAME**" is. The last available selection in the **Save As** screen is **Save**. Pressing "**Yes**" on the **Save** screen will save your new User DAW.

Note: When editing a DAW name, use the Shift button and the Encoder to scroll to the letter you want to edit and release the Shift button to select the current letter. To erase a letter in a DAW name, press **SHIFT** and the **Back** button.

Fader

To edit the Fader control when in DAW Edit Mode, move the Fader. You can scroll through the available parameter values using the Encoder. Select what parameter you would like to edit by pressing the Encoder.

Channel: The Fader will send its messages over this channel. Select the global channel (**Global**), or a specific channel (**Channel 1–16**).

Available Values: Global, 1-16

Message "MESSAGE":

- Mackie **"Mackie":** When set to **Mackie Control**, you can use the fader with a DAW that responds to Mackie Control mode.
- Mackie/HUI **"MACK/HUI":** When set to **Mackie/HUI**, you can use the fader with a DAW that responds to HUI mode.
- CC **"CC":** The fader will send its MIDI messages using this CC number.

CC: The fader will send its MIDI messages using this CC number.

Available Values: 0-127

Knobs

To edit one of the Knobs when in Preset Edit Mode, move a Knob. You can scroll through the available parameter values using the Encoder. Select what parameter you would like to edit by pressing the Encoder.

Channel: The Knob will send its messages over this channel. Select the global channel (**Global**), or a specific channel (**Channel 1–16**).

Available Values: Global, 1-16

Message "MESSAGE":

- Mackie **"Mackie":** When set to **Mackie Control**, you can use the knob with a DAW that responds to Mackie Control mode.
- Mackie/HUI **"MACK/HUI":** When set to **Mackie/HUI**, you can use the knob with a DAW that responds to HUI mode.
- CC **"CC":** The fader will send its MIDI messages using this CC number.

CC: The knob will send its MIDI messages using this CC number.

Available Values: 0-127

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Pads

To edit one of the Pads when in DAW Edit Mode, press a Pad. You can scroll through the available parameter values using the Encoder. Select what parameter you would like to edit by pressing the Encoder.

Channel: The pad will send its messages over this channel. Select the global channel (**Global**), or a specific channel (**Channel 1–16**).

Available Values: Global, 1-16

Color 1: Select the primary color that you want to assign to the pad.

Available Values: Off "**OFF**", Chartreuse "**CHAR.**", Green "**GREEN**", Aquamarine "**AQUA**", Cyan "**CYAN**", Azure "**AZURE**", Blue "**BLUE**", Violet "**VIOLET**", Magenta "**MAGENTA**", Rose "**ROSE**", Red "**RED**", Orange "**ORANGE**", Yellow "**YELLOW**", White "**WHITE**".

Color 2: Select the secondary color that you want to assign to the pad.

Available Values: Off "**OFF**", Chartreuse "**CHAR.**", Green "**GREEN**", Aquamarine "**AQUA**", Cyan "**CYAN**", Azure "**AZURE**", Blue "**BLUE**", Violet "**VIOLET**", Magenta "**MAGENTA**", Rose "**ROSE**", Red "**RED**", Orange "**ORANGE**", Yellow "**YELLOW**", White "**WHITE**".

Type "TYPE":

- Note **"NOTE":** The pad will send its MIDI messages using this Note number.
- CC **"CC":** The pad will send its MIDI messages using this CC number.
- Same as Preset **"PRESET":** When set to **PRESET**, the pads will send the same message assigned to the pads when in Preset mode.

When set to Note, these are the available parameters:

Note: The pad will send its MIDI messages using this Note number.

Available Values: C-1 – G9

When set to CC, these are the available parameters:

CC: The pad will send its MIDI messages using this CC number.

Available Values: 0-127

Encoder Turn

To edit the turn functionality of the Encoder when in DAW Edit Mode, press and hold the **SHIFT** button and move the **ENCODER**. You can scroll through the available parameter values using the Encoder. Select what parameter you would like to edit by pressing the Encoder.

Channel: The Encoder will send its messages over this channel. Select the global channel (**Global**), or a specific channel (**Channel 1–16**).

Available Values: Global, 1-16

Message:

- **Mode:** This will specify what message will be sent when the Encoder is turned.
  - o **CC Relative:** This is useful to send standard MIDI CC messages to your DAW.
  - o **CC Inc/Dec:** This is useful for scrolling through several CC values.
  - o **Mackie Up/Down:** This is useful to scroll up/down in a DAW that responds to Mackie Control Mode.
  - o **Mackie Left/Right:** This is useful to scroll left/right in a DAW that responds to Mackie Control Mode.
  - o **HUI Up/Down:** This is useful to scroll up/down in a DAW that responds to HUI mode.
  - o **HUI Left/Right:** This is useful to scroll left/right in a DAW that responds to HUI mode.
- **CC Relative Type:** The Encoder will send a value number in the range of values when you turn it left or right.
  - **Right 65, Left 63**
  - **Right 63, Left 65**
  - **Right 127, Left 01**
  - **Right 01, Left 127**
- **CC:** Selects the MIDI CC value that will be sent when the Encoder is turned.

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Encoder Press

To edit the press functionality of the Encoder when in DAW Edit Mode, press and hold the **SHIFT** button and press the **ENCODER**. You can scroll through the available parameter values using the Encoder. Select what parameter you would like to edit by pressing the Encoder.

Channel: The Encoder will send its messages over this channel. Select the global channel (**Global**), or a specific channel (**Channel 1**–**16**).

Available Values: Global, 1-16

Message:

- **Mode:** This will specify what message will be sent when the Encoder is turned.
  - o **CC:** When set to **CC**, the Encoder will send standard MIDI CC messages to your DAW.
  - o **Mackie:** When set to **Mackie Control**, you can use the Encoder with a DAW that responds to Mackie Control mode.
  - o **Mackie/HUI:** When set to **Mackie/HUI**, you can use the Encoder with a DAW that responds to HUI mode.
- **CC:** Selects the MIDI CC value that will be sent when the Encoder is pressed.

Back Button

To edit the functionality of the Back button when in DAW Edit Mode, press and hold the **SHIFT** button and press the **Back** button. You can scroll through the available parameter values using the Encoder. Select what parameter you would like to edit by pressing the Encoder.

Channel: The Back button will send its messages over this channel. Select the global channel (**Global**), or a specific channel (**Channel 1–16**).

Available Values: Global, 1-16

Message:

- **Mode:** This will specify what message will be sent when the Back button is pressed.
  - o **CC:** When set to **CC**, the Back button will send standard MIDI CC messages to your DAW.
  - o **Mackie:** When set to **Mackie Control**, you can use the Back button with a DAW that responds to Mackie Control mode.
  - o **Mackie/HUI:** When set to **Mackie/HUI**, you can use the Back button with a DAW that responds to HUI mode.
- **CC:** Selects the MIDI CC value that will be sent when the Back button is pressed.

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Bank < and > Buttons

To edit the functionality of the Bank < or > buttons when in DAW Edit Mode, press and hold the **SHIFT** button and press the **BANK <** or **BANK >** button. You can scroll through the available parameter values using the Encoder. Select what parameter you would like to edit by pressing the Encoder.

Channel: The Bank < or > button will send its messages over this channel. Select the global channel (**Global**), or a specific channel (**Channel 1**–**16**).

Available Values: Global, 1-16

Message:

- **Mode:** This will specify what message will be sent when the Bank < or > button is pressed.
  - ○ **CC:** When set to **CC**, the Bank < or > button will send standard MIDI CC messages to your DAW.
  - ○ **Mackie:** When set to **Mackie Control**, you can use the Bank < or > button with a DAW that responds to Mackie Control mode.
  - ○ **Mackie/HUI:** When set to **Mackie/HUI**, you can use the Bank < or > button with a DAW that responds to HUI mode.
- **CC:** Selects the MIDI CC value that will be sent when the Bank < or > button is pressed.
- **Down:** The Bank < or > button will send this CC value when you press it.
- **Up:** The Bank < or > button will send this CC value when you release it.

Transport Control Buttons

To edit the functionality of the <<, >>, Loop, Stop, Play or Record buttons when in DAW Edit Mode, press the **<<, >>, Loop, Stop, Play or Record** button. You can scroll through the available parameter values using the Encoder. Select what parameter you would like to edit by pressing the Encoder.

Channel: The <<, >>, Loop, Stop, Play or Record buttons will send their messages over this channel. Select the global channel (**Global**), or a specific channel (**Channel 1**–**16**).

Available Values: Global, 1-16

Message:

- **Mode:** This will specify what message will be sent when the <<, >>, Loop, Stop, Play or Record button is pressed.
  - o **CC:** When set to **CC**, the <<, >>, Loop, Stop, Play or Record button will send standard MIDI CC messages to your DAW.
  - o **Mackie:** When set to **Mackie Control**, you can use the <<, >>, Loop, Stop, Play or Record button with a DAW that responds to Mackie Control mode.
  - o **Mackie/HUI:** When set to **Mackie/HUI**, you can use the <<, >>, Loop, Stop, Play or Record button with a DAW that responds to HUI mode.
- **CC:** Selects the MIDI CC value that will be sent when <<, >>, Loop, Stop, Play or Record button is pressed.

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DAW/Preset Button

Editing the DAW/Preset button requires pressing and holding the **SHIFT** button and pressing the DAW/Preset button. You can then scroll through the available parameter values using the Encoder. Select what parameter you would like to edit by pressing the Encoder.

Note: What some parameter values are set to will affect what parameters are available for editing. For example, if the Button's Mode parameter is changed from Mackie to CC, it will change the editable parameters to CC parameters.

Channel: The DAW/Preset button will send its messages over this channel. Select the global channel (**Global**), or a specific channel (**Channel 1–16**).

Available Values: Global, 1-16

Assignment "ASSIGN":

- Mackie "**MACKIE**": When set to Mackie Control, you can use the button with a DAW that responds to Mackie Control mode. This will not send a message when this is selected.
- Mackie/HUI "**MACK/HUI**": When set to Mackie/HUI, you can use the button with a DAW that responds to HUI mode. This will not send a message when this is selected.
- CC **"CC":** The button will send its MIDI messages using this CC number.

When set to CC, these are the available parameters:

CC: The DAW/Preset button will send its MIDI messages using this CC number.

Available Values: 0-127

Saving a User DAW

To store a User DAW:

1. Press **SHIFT** and the **DAW/Preset** button to enter Edit Mode. The OLED will display "EDIT" in the top row, and depending on the current DAW/Preset mode selection, will have Preset or DAW highlighted in the second row.

   Note: When **Preset** or **DAW** is highlighted you can turn the **Encoder** to change from editing **DAW** or **Preset** mode, changing the current selection.

2. Press the **Encoder** to enter into either **DAW** or **Preset** edit mode.

3. Edit a control.

4. Press the **DAW/Preset** button.

5. The display will show "**SAVE?**" with the following selections available.

   - **Cancel:** Selecting "Yes" to **Cancel** will revert any changes made.

   - **Replace:** Selecting "Yes" to **Replace** will write over the currently selected preset.

   - **Save As:** Selecting "Yes" to **Save As** enable you to edit/change what the DAW's name "**NAME**" is. The last available selection in the **Save As** screen is **Save.** Pressing "**Yes**" on the **Save** screen will save your new User DAW.

   Note: When editing a DAW name, use the Shift button and the Encoder to scroll to the letter you want to edit and release the Shift button to select the current letter. To erase a letter in a DAW name, press **SHIFT** and the **Back** button.

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Advanced Settings

ARP and Latch Buttons

When the **ARP** button is pressed, it will activate the keyboard's internal arpeggiator. The arpeggiator's rate is based on the current Tempo and Time Division settings – Tempo settings are editable using the Tempo button. Time Division settings can be accessed by pressing the **SHIFT** button and pressing **Pads 5 -8** 1/4, 1/8, 1/16, 1/32 or holding the **Note Repeat** button and turning the **Encoder.**

To activate the **ARP Latch** functionality, press the **ARP LATCH** button.

Note: You can also sync the Arpeggiator to either the current Tempo's BPM setting, or an external MIDI Clock source. The clock source can be edited in Preset Edit Mode and selecting/pressing the Tempo button. Arpeggiator functionality is available in the 2 keyboard modes, DAW, PRESET.

Note: You can change the Time Division settings to triplets by pressing the Time Division pads twice. For example, if you wanted the arpeggiator to play $1/16^{th}$ note triplets you would press the 1/16 pad twice. The 1/16 pad would blink/flash to show that triplets were active.

To edit the arpeggiator, press **SHIFT** and the **ARP** button.

To edit the arpeggiator's type, click the **Encoder** in **Type**, and select the desired setting from the menu. The mode determines how the arpeggiated notes are played back:

- **Up:** Notes will sound from the lowest to the highest.
- **Down:** Notes will sound from the highest to lowest.
- **Inclusive:** Notes will sound from the lowest to the highest, and then back down. The lowest and highest notes will sound *twice* at the directional change.
- **Exclusive:** Notes will sound from the lowest to the highest, and then back down. The lowest and highest notes will sound only *once* at the directional change.
- **Order:** Notes will sound in the order they were pressed.
- **Random:** Notes will sound in random order.
- **Chord:** Notes will sound in a chord.

To set the arpeggiator's octave range, click the **Encoder** in **Octave**, and select the desired value: **1**, **2**, or **3** octaves. The Octave range determines how many octaves in the ARP will be played from a single key press. The more octaves, the more notes will be played by a single key.

To set the arpeggiator's gate, click the **Encoder** in **Gate**, and select the desired value from 5-100.The gate range determines how long a note in the will be played in the arp. The shorter the gate, the shorter the note.

To set the arpeggiator's swing, click the **Encoder** in **Swing**, and select the desired setting between 50% and 75%. The swing range determines how much deviation there will be from the patterned notes. The higher the swing, the larger the time deviation.

Select Channel, to set what channel the ARP split will send on.

Smart Chord Button

When this button is pressed, it will activate the keyboard's internal Smart Chord functionality. The Smart Chord functionality can function on notes being played on the keyboard or pads, or both depending on the selection in the **GLOBAL SETTINGS** menu. When Smart Chord mode is active a single key press will play a chord as selected in the current Smart Chord Edit options. This functionality is available in the 2 keyboard modes, DAW, PRESET.

To edit the Smart Chord settings**,** press **SHIFT** and the **CHORD** button.

Mode:

- **Smart** mode lets you select the key of the song (ex. C Major). When a key is pressed on the physical keyboard, a chord will play in that key.
- **Custom** mode lets you input a custom chord. Once a chord has been input, press a key on the physical keyboard to play a chord. To create a Custom chord, press the **Encoder** into the **Custom** field, then either use the **Encoder** to select the desired note, or press a key for the notes you would like to enter. There are 6 available **Notes** in Custom chord mode.
  - o **Note 1:** The first note in the custom Chord.
  - o **Note 2:** The second note in the custom Chord.
  - o **Note 3:** The third note in the custom Chord.
  - o **Note 4:** The fourth note in the custom Chord.
  - o **Note 5:** The fifth note in the custom Chord.
  - o **Note 6:** The sixth note in the custom Chord.
- **KEY:** Selects what key Smart Chord is in.
- **Type:** Selects what scale the chord will use, Major or Minor.
- **Voicing:** This lets you choose what fingerings are active in Smart Chord mode.

You can also edit parameters quickly using the keyboard's keys, while pressing and holding the **SHIFT** button.

- **Chan:** Select the global channel (**Global**) or a specific channel (**Channel 1–16**).

Smart Scale Button

When this button is pressed, it will activate the keyboard's internal Smart Scale functionality. The current scale is based on the current Smart Scale settings (in the Smart Scale Edit menu). The Smart Scale functionality will only function on notes being played on the keyboard. When Smart Scale Mode is active, keys will only play notes in the key of the current key and scale selection. This functionality is available in the 2 keyboard modes, DAW, PRESET.

To edit the Smart Scale settings**,** press **SHIFT** and the **SCALE** button.

- **KEY:** Selects what key Smart Scale is in.
- **SCALE:** Selects what scale Smart Scale will use. Press the **Encoder** on **Scale** and select what scale you want to apply: **Chromatic**, **Major**, **Dorian**, **Phrygian**, **Lydian**, **Mixolydian**, **Minor Harmonic**, **Locrian**, **Minor**, **Minor Melodic**, **Pentatonic Major**, **Pentatonic Minor**, **Blues**, **Altered Dominant**, **Diminished Whole Half**, and **Whole Tone**.
- **Chan:** Select the global channel (**Global**) or a specific channel (**Channel 1–16**).

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Global Settings Menu

Use the Global Settings Menu on the **Display** to customize some of the keyboard's default controls. These settings apply to the keyboard in both DAW and Preset Mode, and any changes made from the Global Settings Menu will be saved after the keyboard is turned off.

To enter the Global Settings Menu, hold **Shift** and press the **Mode Button**. Use the **Select/Scroll Encoder** to adjust settings.

To exit the Global Settings Menu, press the **Back Button**.

The Global Settings to select from are:

Button: This button setting determines what message the channel fader buttons will send when in DAW mode.

- **Record:** Select this function for the button to send channel Record arm messages when the MODE button is lit.
- **Solo:** Select this function for the button to send channel Solo messages when the MODE button is lit.
- **Mute:** Select this function for the button to send channel Mute messages when the MODE button is lit.
- **Track Select:** Select this function for the button to send Track Select messages when the MODE button is lit.

Global MIDI Channel (G. CHAN.): Select a default global MIDI channel from 1-16 to have the keyboard send MIDI notes and messages on that channel.

Program Change (**PROG**): Select a program change number from 0-127 to have the keyboard send an outgoing MIDI message to select a MIDI program on a connected MIDI hardware or to a software through a USB connection.

BANK MSB (**B. MSB):** Send a Bank Select message from 0-127 to access patches on your MIDI hardware or software that responds to MSB messages.

BANK LSB (**B. LSB):** Send a Bank Select message from 0-127 to access patches on your MIDI hardware or software that responds to LSB messages.

Keyboard Octave (**KEY OCT.):** Select the keyboard's octave range from -4 to +5.

Keyboard Transpose (**K. TRANS):** Select the keyboard's transpose range from -12 to +12.

Keyboard Sensitivity (**K. SENS.):** Select the keybed's sensitivity setting from Low, Medium, High, Linear, Fixed 64, Fixed 100, Fixed 127.

Pad Sensitivity (**PD SENS.):** Select the pads sensitivity setting from Low, Medium, High, Linear, Fixed 64, Fixed 100, Fixed 127, From 64 or 127; Fixed 64, 100, or 127; Fixed 32, 64, 100, 127.

5 -Pin MIDI Output Messages "MIDI OUT": This field determines whether the 5-pin MIDI DIN connector on the rear panel will send MIDI data from just the Oxygen Pro Mini's controls, pads, and keys (Keys), just from MIDI data received from a USB connected PC (USB), the Oxygen Pro Mini's controls, pads, keys and connected PC (Keys/USB) or no MIDI data is sent (Off).

Chord Mode: This field determines whether when Chord mode is active it will activate Chord Mode for the Keys, Pads, or Pads and Keys.

MIDI Out: Select whether MIDI data from the keys and/or the USB port is sent to the MIDI output or not. Select from Off, Keys, USB, or Keys and USB.

Appendix (English)

Velocity Curves

Keyboard Sensitivity

K.SENS. will appear in the **display** when you are selecting the keyboard velocity curve.

Oxygen Pro Mini Display	Description
Low	This is a low-sensitivity setting, useful for playing notes with mostly low velocities.
Medium	This is a medium-sensitivity setting (the default), useful for playing with an average amount of force.
High	This is a high-sensitivity setting, useful for playing notes with mostly high velocities.
Linear	This is a linear curve. The velocity of the note will be proportional to the amount of force.
Fixed 64	All notes will have a fixed velocity of **64**.
Fixed 100	All notes will have a fixed velocity of **100**.
Fixed 127	All notes will have a fixed velocity of **127**.

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Pad Sensitivity

PD.SENS. will appear in the **display** when you are selecting the pads' velocity curve.

Oxygen Pro Mini Display	Description
Low	This is a low-sensitivity setting, useful for playing notes with mostly low velocities.
Medium	This is a medium-sensitivity setting (the default), useful for playing with an average amount of force.
High	This is a high-sensitivity setting, useful for playing notes with mostly high velocities.
Linear	This is a linear curve. The velocity of the note will be proportional to the amount of force.
Fixed 64	All notes will have a fixed velocity of **64**.
Fixed 100	All notes will have a fixed velocity of **100**.
Fixed 127	All notes will have a fixed velocity of **127**.
From 64 - 127	All notes will have a velocity starting from **64** to **127**, depending on the amount of force.
Fixed 64, 100, 127	All notes will have a velocity of **64**, **100**, or **127**, depending on the amount of force.
Fixed 32, 64, 100, 127	All notes will have a velocity of **32**, **64**, **100**, or **127**, depending on the amount of force.

Pad LED Color List

NAME	COLOR
OFF	LED OFF
CHAR.	CHARTREUSE
GREEN	GREEN
AQUA	AQUAMARINE
CYAN	CYAN
AZURE	AZURE
BLUE	BLUE
VIOLET	VIOLET
MAGENTA	MAGENTA
ROSE	ROSE
RED	RED
ORANGE	ORANGE
YELLOW	YELLOW
WHITE	WHITE

Preset List

1.	MPC Pl (MPC Plugin)	9.	Preset
2.	Hybrid (Hybrid 3)	10.	Preset
3.	MiniGrd (MiniGrand)	11.	Preset
4.	Velvet	12.	Preset
5.	Xpand (Xpand!2)	13.	Preset
6.	Vacuum	14.	Preset
7.	Boom		
8.	DB33		

DAW List

1.	Ableton (Ableton Live)	7.	Logic
2.	MPC (MPC Beats)	8.	Reaper
3.	Pro Tools	9.	Reason
4.	Bitwig	10.	FL St. (FL Studio)
5.	Studio 1 (Studio One)	11.	User DAW
6.	Cubase		

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MIDI Ports

Oyxgen Pro Mini Output Ports

Messages	Windows	macOS
Preset Mode Controls, Keys, Pads, Timing Clock Messages	Oxygen Pro ##	USB MIDI
DAW Mode Controls, Pads	MIDIOUT3 (Oxygen Pro ##)	MACKIE/HUI
Preset Editor	MIDIOUT4 (Oxygen Pro ##)	EDITOR

Oyxgen Pro Mini Input Ports

Messages	Windows	macOS
Timing Clock Messages In	Oxygen Pro ##	USB MIDI
5-Pin MIDI DIN In	MIDIIN2 (Oxygen Pro ##)	MIDI DIN
DAW LED control, and Mackie/HUI Heartbeat Messages	MIDIIN3 (Oxygen Pro ##)	MACKIE/HUI
Preset Editor	MIDIIN4 (Oxygen Pro ##)	EDITOR

Factory Reset

To restore your Oxygen Pro Mini's controls, Presets, and DAWs to their factory default settings power off the Oxygen Pro Mini's, then press and hold the **Octave +** and **–** buttons and power on the Oxygen Pro Mini's.

Technical Specifications

Power	via USB port
MIDI Connector	TRS 3.5 mm to 5 Pins DIN Female - Type A cable
Dimensions (width x depth x height)	15.8" x 7.52" x 2.56" 401 mm x 190 mm x 60 mm
Weight	2.65 lbs. / 1.2 kg

Specifications are subject to change without notice.

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