



## **Preset: omC-LiveB v1.0.1**

**NOTE:** There are 4 versions of this Preset.

**omC-LiveB** is the default version.

**omC-LiveB[0db]** is identical except that all the Volume-related controls max out at 0db.

**omC-LiveB[Thru]** is the same as the default version except that it passes Thru MIDI from a second controller.

**omC-LiveB[Thru][0db]** is identical except that all the Volume-related controls max out at 0db.

Please try to use LiveB or LiveB[0db] first. If you get an error when trying to select your second controller in Live or in MT Player, then use one of the [Thru] versions.

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# SETTINGS

If you have trouble completing any of the settings listed here, please make sure to refer to the [Troubleshooting section](#).

## OHM64 SETTINGS

Every time you open an omC Series Preset, your Ohm64 will be restored to its factory settings. If you have a customized preset that you don't want to lose, please make sure to back it up **BEFORE** opening an omC Series Preset.

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## MT PLAYER SETTINGS

The first time you use the Ohm64 in MT Player, you may be prompted to setup the Ohm64's ports. For both prompts, you should select your Ohm64. However, if you bypass those prompts, you can access the settings by right-clicking on MT Player and selecting MIDI Settings.

1. From the Port Name menu, select “**IN: Ohm64 Input**”.
2. From the MIDI In port menu, select your Ohm64 and click OK.
3. Go back into MIDI Settings.
4. From the Port Name menu, select “**OUT: Ohm64 Output**”.
5. From the MIDI Out port menu, select your Ohm64 and click OK.
6. Click the Restart button.

This Preset also includes an Input for a second MIDI controller, which is used for [Chord – Learn Sub-Mode](#). To setup the second controller:

1. From the Port Name menu, select “**IN: Keyboard(ForLearn)**”.
2. From the MIDI In port menu, select your second controller and click OK.

You can learn more about MT Player in the [MT Player section](#).

**NOTE:** It is recommended that you launch MT Player, select a Preset and then launch Live. If Live is already running when you select or Restart a Preset, it is recommended that you enter, then exit MIDI mapping mode after selecting the Preset to re-initialize.

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## LIVE SETTINGS

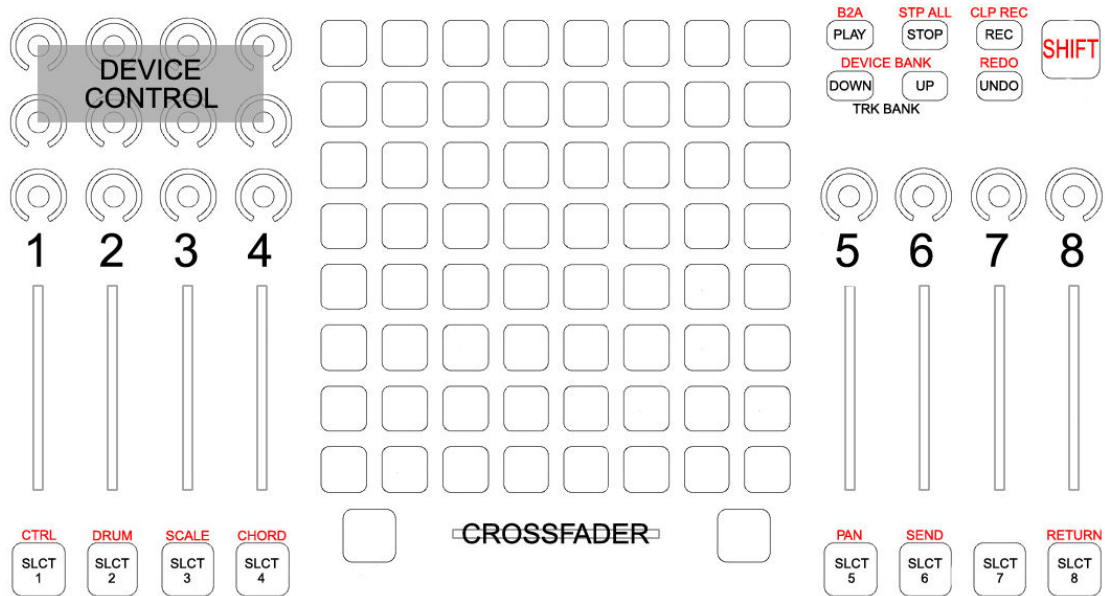
The following settings will be found in Preferences on the MIDI/Sync tab.

**IMPORTANT NOTE:** When you first install MT Player, Live will automatically turn on its Track switches. Before completing the steps below, turn off all the Track switches related to MT Player.



1. Turn off all of the **Ohm64's** Track/Remote/Sync switches.
2. Deactivate the Track switch for **From MT Player 2**.
3. Select **MackieControl** as a Control Surface.
4. Select **From MT Player 1** as the Input and **To MT Player 1** as the Output.
5. Select **MackieControl** as a Control Surface.
6. Select **From MT Player 2** as the Input and **To MT Player 2** as the Output.
7. Select **LV2\_LX2\_LC2\_LD2** as a Control Surface.
8. Select **From MT Player 3** as the Input and **To MT Player 3** as the Output.
9. Select **OHM40-DR** as a Control Surface. This will be listed at the bottom of the Control Surface drop-down menu.
10. Select **From MT Player 1** as the Input.
11. For Takeover Mode, select **Pickup**.
12. Activate the Track switch for **From MT Player 1**.
13. Activate the Track and Remote switches for **LV2\_LX2\_LC2\_LD2 Input**.
14. Activate the Remote switch for **LV2\_LX2\_LC2\_LD2 Output**.
15. If you're using one of the [Thru] versions of this Preset, deactivate/deselect all of the settings related to your second controller.

# GLOBAL OVERVIEW



## TRACK CONTROLS

The Ohm's 8 Faders control Volume for the 8 Tracks in the current Bank. The bottom row of 8 Knobs control either Pan or Sends (as explained in the next section). The bottom 8 Buttons select Tracks 1-8 in the current Bank.

These controls are collectively called Track Controls. Also, some of the Button Modes include Mute/Solo/Arm controls, which would also be included as Track Controls.

You can move between Banks of Track Controls with Trk Bank down/up.

**NOTE:** The Track Control Faders and Knobs include an internal Takeover feature (separate from Live's Takover Mode), which eliminates parameter jumps when moving between Banks/Modes. If the Ohm's physical controls differ from Live's associated virtual controls, Takeover kicks in until the physical control meets the value of the virtual control.

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## TRACK CONTROL MODES

By default, the Track Controls will control regular Audio/MIDI tracks. They can also control the first 8 Return Tracks. The **Return** Bank can be selected/de-selected with Shift+Slt 8.

By default, the Track Controls Knobs will control **Pan** for the 8 Tracks in the current Bank. Shift+Slt 6 will select **Send** Mode. In Send Mode, the Track

Control Knobs will control the first 8 Sends on the Selected Track.  
Shift+Slet 5 will re-select **Pan** Mode.

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## DEVICE CONTROLS

The top 8 Knobs control the selected Device. If the Device has more than 8 parameters, you can switch between Banks of 8 parameters with **Device Bank down/up**.

**NOTE:** [Click here](#) to open a guide that shows what parameters the Knobs will control for Live's built in devices.

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## TRANSPORT CONTROLS

**SHIFT** – Shifts the function of other controls. Shifted functions are shown in **Red** in this manual and on all omC maps.

**PLAY** – Start playback.

**B2A** – Back to arrangement.

**STOP** – Stop playback.

**STOP ALL CLIPS** – Stop all playing clips.

**REC** – Toggle Arrangement Record.

**CLIP REC** – Use this to record perfectly cut Clips (Audio or MIDI) at the current Global Quantization value. For example, if Global Quantization is set to 2 bars, this will record a perfect 2-bar clip. This function is intended for the creation of new Clips, so Overdub should be turned off when using it.

**TRK BANK DOWN/UP**– Move down/up a Bank of 8 Tracks. When moving between Banks, the first Track in the Bank will be selected.

**DEVICE BANK DOWN/UP**– If the selected Device has more than 8 parameters, these will move down/up Banks of 8 parameters.

**UNDO/REDO** – Undo/Redo.

**CROSSFADER** – Controls Live's crossfader.

# BUTTON MODES

This Preset provides 4 Buttons Modes that you can select via Shift+Slt 1-4. Each Button Mode includes 2 Sub-Modes. You can switch between these Sub-Modes with the Buttons to the left and right of the Crossfader.

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## CTRL MODE – NAV SUB-MODE



**PLUS/PG UP** – Plus/page up keystrokes.

**MINUS/PG DN** – Minus/page down keystrokes.

**KEY UP/DOWN/LEFT/RIGHT** – Arrow keystrokes. By holding down Shift, these can be used for multi-selections.

**ENTER/ESCAPE** – Enter/escape keystrokes.

**LOAD CLIP** – Load selected Clip(s) or Set from browser onto selected Track and move focus back to browser.

**FOCUS CONTROLS** – These 3 controls move Live’s focus to different areas so that you can navigate/control them with keystrokes.

**MAIN FOCUS** – Puts the focus on Live’s main window.

**FIX** – Puts the focus back on the main element in Live’s main window.

**DETAIL FOCUS** – Puts the focus on Clip View or Track View.

**BRWSR FOCUS** – Puts the focus on Live’s Browser.

**SSN/ARNG** – Toggle between Session and Arrange Views.

**CLIP/TRACK** – Toggle between Clip and Track Views.

**BRWSR I/O** – Show/hide the Browser.

**TGL BRWSR/PREV** – Toggle to the Next/Prev Browser. For OS X users, this function requires some manual setup. Please see [User Assignments](#).

**MCU UP/DOWN/LEFT/RIGHT** – These are multi-functional cursor Buttons. When in Session View, these will navigate. When in Arrange View, these will either navigate or zoom. The behavior is dictated by the Clip Launch button.

**CLIP LNCH** – When in Session View, this will launch the currently selected Clip. When in Arrange View, this will toggle the behavior of the MCU cursor Buttons. When off, the cursor Buttons will navigate. When on, the cursor Buttons will zoom.

**SCN LNCH** – In Session View, this will launch the currently selected Scene.

**BPM UP/DOWN** – Increase/decrease Tempo by 1-BPM.

**USER 1 – 8** – These Buttons are User Assignable to Live menu functions. Each Button can be assigned a Default function and a Shifted function. Please see [User Assignments](#).

**MUTE/SOLO/ARM 1-8** – These Buttons will Mute/Solo/Arm the 8 Tracks in the selected Bank. With the Mute and Solo Buttons, if you press them quickly, they will toggle. If you hold them down, they will function as momentary switches.

**FADER MODE** – Switch to Fader Sub-Mode.

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## **USER ASSIGNMENTS**

For **Windows** users, to assign functions to User Buttons 1 – 8, either double-click the “omC” icon in the System Tray or right-click and select Configure.

For **OS X** users, you can assign functions to User Buttons 1 – 8 by using a utility built into the OS.

Go to System Preferences – Keyboard & Mouse and click on the Keyboard Shortcuts tab. Scroll down to Application Keyboard Shortcuts and click the Plus button to add a new shortcut. The Application for all the shortcuts should be Live.

Type the Menu Title exactly as it appears in Live’s menu. Assign the Keyboard Shortcut by pressing one of the User Buttons or Shift+one the User Buttons.

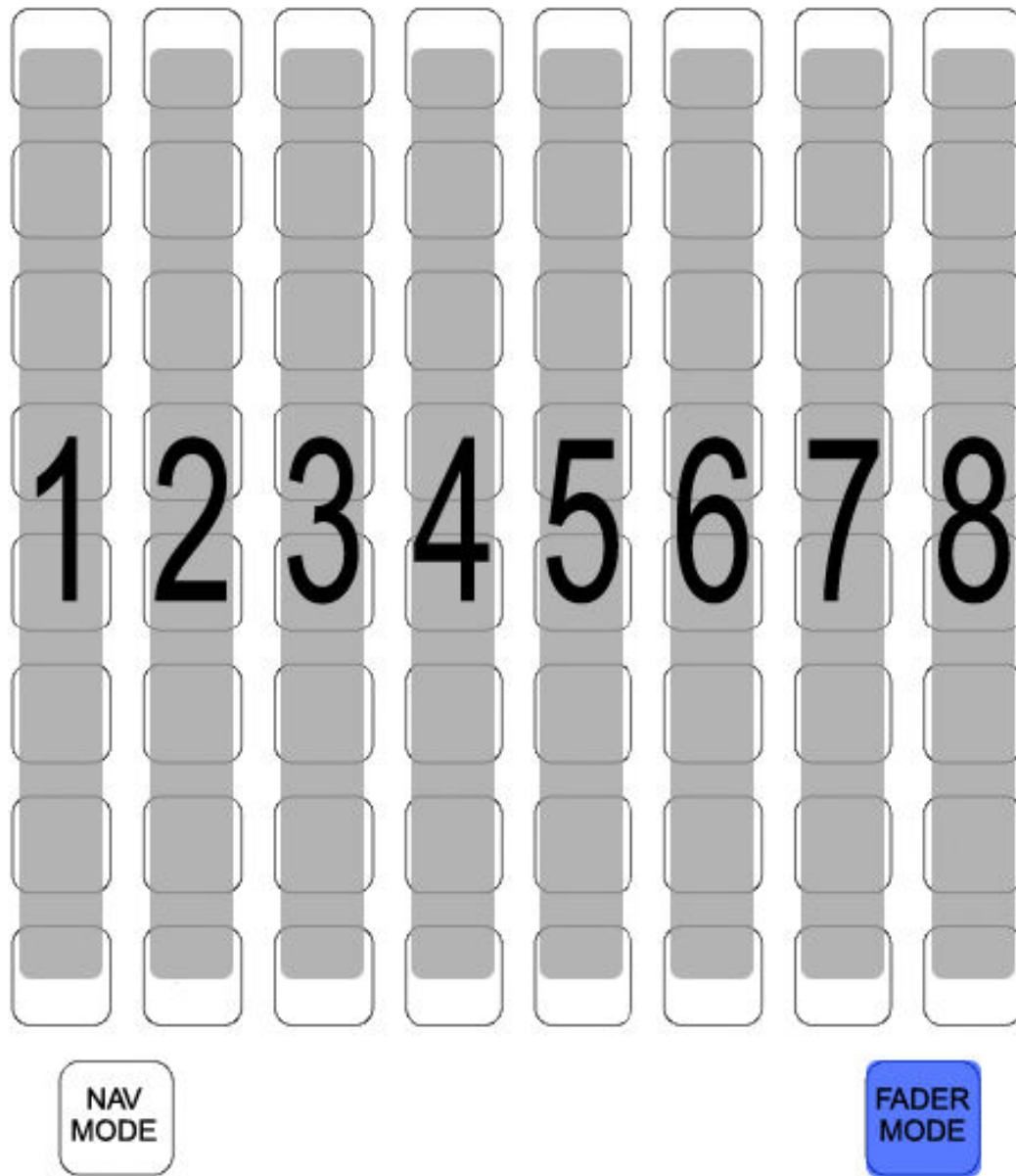
**OS X** users will also need to set up 6 shortcuts for use with the Toggle Browser functions. The Keyboard Shortcut and Menu Titles are as follows:

**NOTE:** The names below are shown in English. If you are using a different language in Live, the names will be different. You can see these names by going to View – Browser.

**Ctrl+Alt+F1** = Live Devices  
**Ctrl+Alt+F2** = Plug-In Devices  
**Ctrl+Alt+F3** = Files 1  
**Ctrl+Alt+F4** = Files 2  
**Ctrl+Alt+F5** = Files 3  
**Ctrl+Alt+F6** = Hot-Swap

**NOTE:** For **OS X** users, once you’ve made all your assignments, you’ll need to close and restart Live for them to take effect.

## CTRL MODE – FADER SUB-MODE

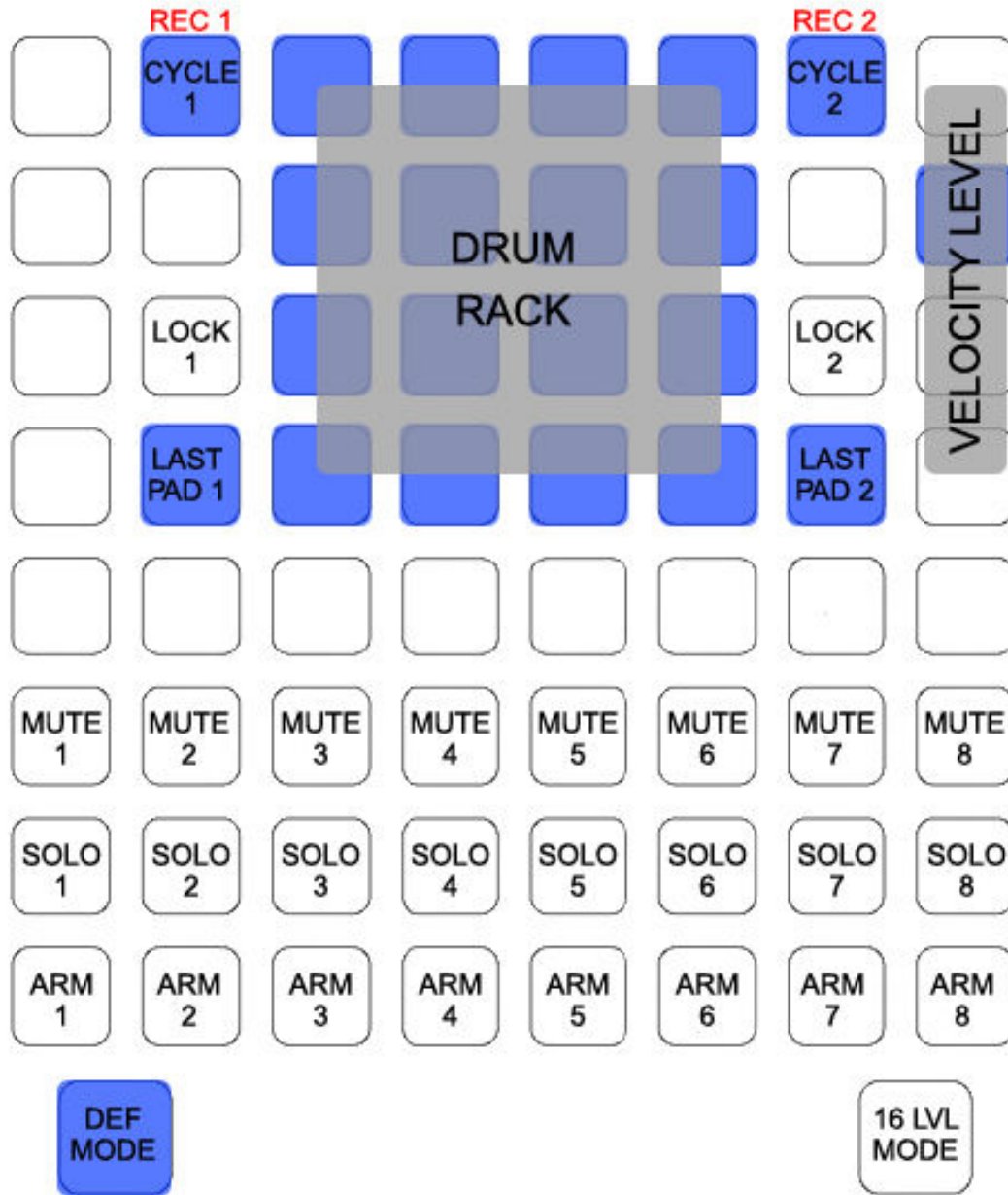


In this Sub-Mode, each column of Buttons functions as a Fader for one of the 8 Tracks in the selected Bank. The Button LEDs indicate the current Volume setting and the Buttons can be pressed to set a new Volume level. Upon setting a new level, the current level will gradually be adapted to meet the new value.

**NOTE:** If you use the Ohm's Faders while in this Sub-Mode, the Button LEDs will update, but not until you stop adjusting the Faders momentarily.

**NAV MODE** – Switch to Nav Sub-Mode.

# DRUM MODE – DEF SUB-MODE



**NOTE:** This Mode utilizes the concept of “Last Pad”, which is the last pad that was triggered.

**DRUM RACK** – These 16 Buttons trigger the visible pads in Live’s Drum Rack.

**LAST PAD 1**– This Button will trigger the Last Pad. This makes it so you have at least 2 Buttons to use to play fast rolls and such. This Button cannot be used while recording Cycle Sequences.

**LOCK 1**– This Button will lock Last Pad 1. This makes it so Last Pad 1 stays locked on the current pad.

**LAST PAD 2**– Same as Last Pad 1.

**LOCK 2**– Same as Lock 1.

**CYCLE 1** – This Button will play Cycle Sequence 1. On first press, it will output the first note in the sequence. On second press, it will output the second note in the sequence and so on.

**REC 1** – This will enable Record mode for Cycle Sequence 1. You can record up to 8 steps using the 16 Drum Rack Buttons. Press Cycle 1 to end recording. While recording, the 5<sup>th</sup> row of Buttons show how many steps you've recorded. This is replace-style recording so, if you exceed 8 steps, the previous 8 steps will be deleted.

**CYCLE 2** – Same as Cycle 1.

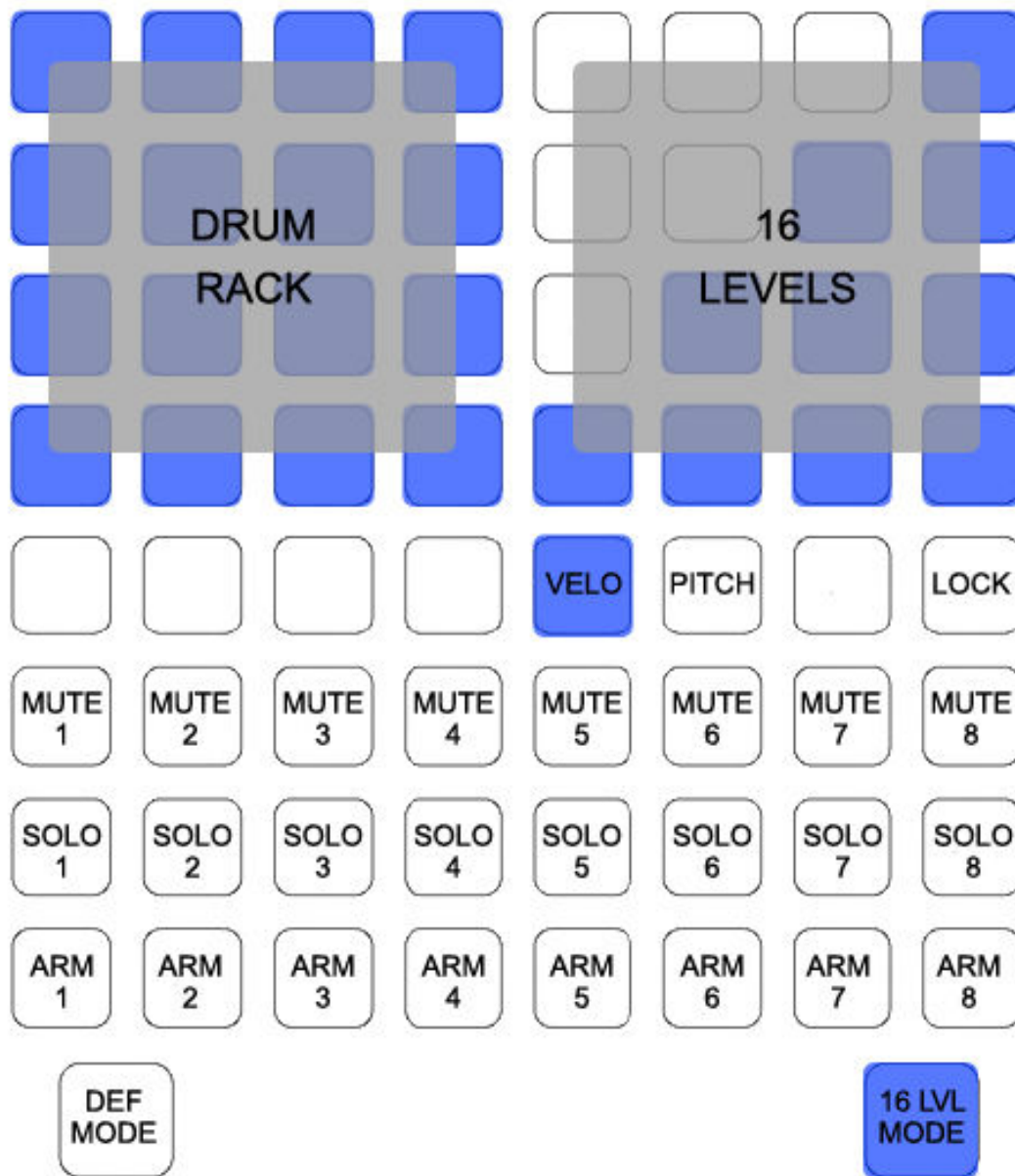
**REC 2** – Same as Rec 1.

**VELOCITY LEVEL** – These 4 Buttons set the velocity level of the Drum Rack/Last Pad 1+2/Cycle 1+2 Buttons. The 4 available velocities (from top to bottom) are 127, 107, 87 and 67.

**MUTE/SOLO/ARM 1-8** – Same as described in the [Ctrl Mode section](#).

**16 LVL MODE** – Switch to 16 Lvl Sub-Mode.

## DRUM MODE – 16 LVL SUB-MODE



**DRUM RACK** – Same as in Default Sub-Mode.

**16 LEVELS** – The Last Pad will be assigned to all 16 of these Buttons.

**VELO** – Toggles 16 Levels of velocity. When on, the 16 Level Buttons will control the velocity of the Last Pad.

**PITCH** – Toggles 16 Levels of pitch. When on, the 16 Level Buttons will control the pitch of the ALL Pads.

**LOCK** – This will lock the 16 Levels Buttons so that they stay locked on the current pad.

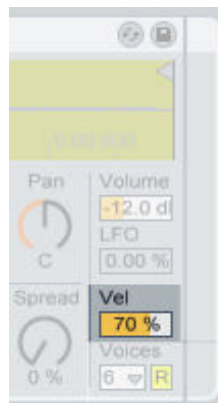
**MUTE/SOLO/ARM 1-8** – Same as described in the [Ctrl Mode section](#).

**DEF MODE** – Switch to Def Sub-Mode.

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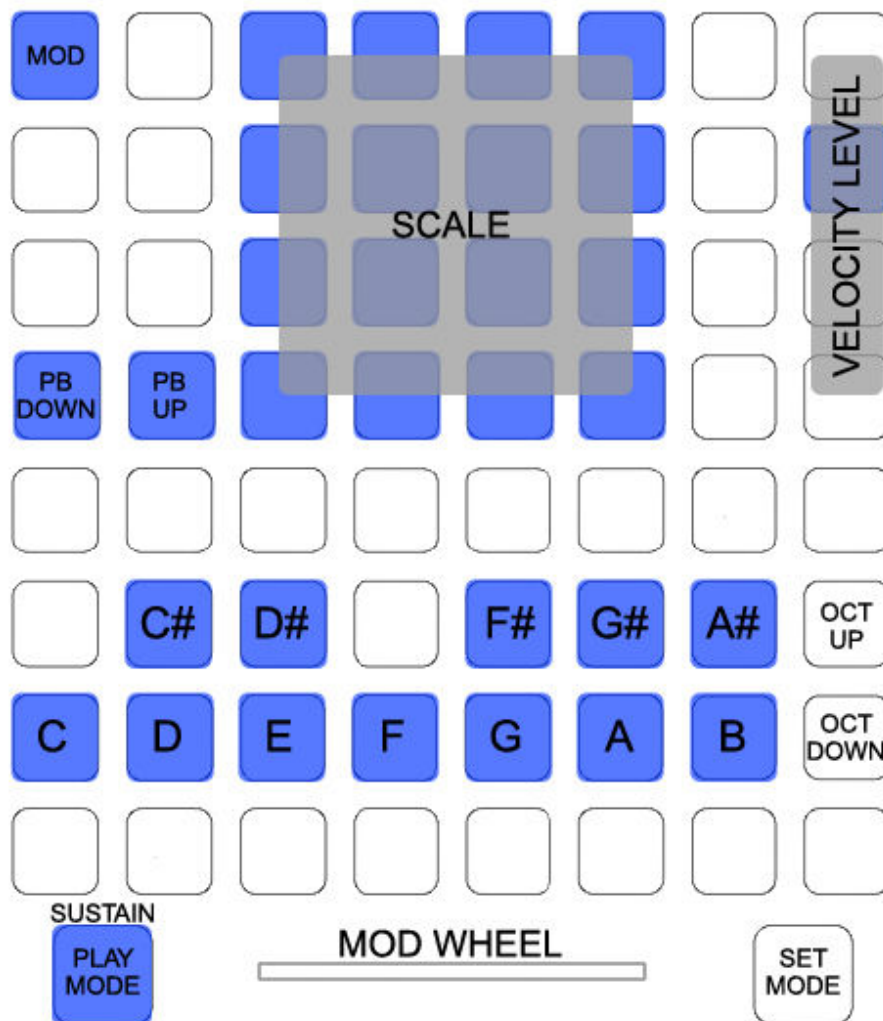
## **NOTES**

The velocity functions described in the Drum Mode section will have no effect if the velocity sensitivity (Vel) is turned off (set to 0.0%) in the Simplers within your Drum Rack. Here's an example of a compatible velocity setting:



You can adjust the velocity setting for each Simpler in your Drum Rack or create a default preset that includes the velocity setting of your choosing.

## SCALE MODE – PLAY SUB-MODE



**SCALE** – These 16 Buttons play the notes in the selected Scale.

**MOD** – This will quickly raise the Mod Wheel when pressed and return it to default (off) when released.

**PB DOWN/UP** – These Buttons will quickly decrease/increase Pitch Bend when pressed and return it to default (off) when released.

**VELOCITY LEVEL** – These 4 Buttons set the velocity level of the Scale Buttons. The 4 available velocities (from top to bottom) are 127, 107, 87 and 67.

**C – B** – These 12 Buttons set the root note of the Scale.

**OCT UP/OCT DOWN** – These Buttons will move the Scale up/down by 1 octave.

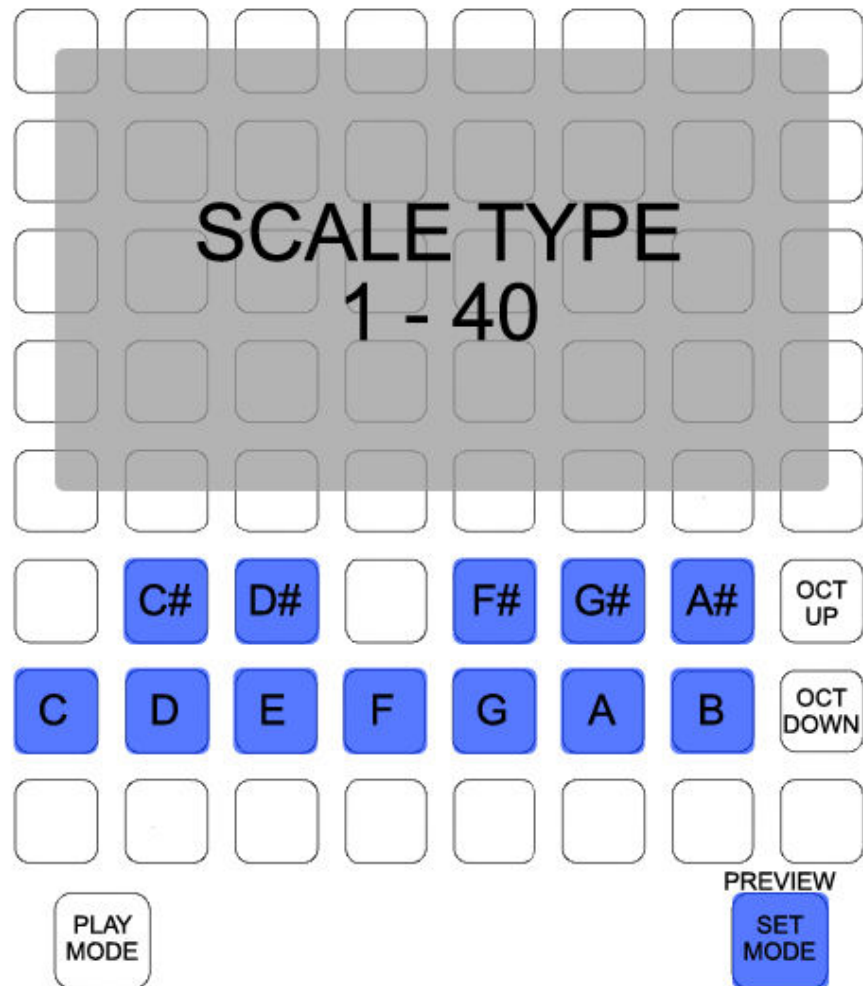
**SUSTAIN** – While in this Sub-Mode, pressing Play Mode will cause the currently held note(s) to Sustain.

**MOD WHEEL** – In this Sub-Mode, the Crossfader functions as a Mod Wheel.

**SET MODE**– Switch to Set Sub-Mode.

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## SCALE MODE – SET SUB-MODE



**SCALE TYPE** – These 40 Buttons select the Scale Type. See [Scale Types](#) for more info on the available Scale Types.

**C – B** – These 12 Buttons set the Root note of the Scale.

**OCT UP/OCT DOWN** – These Buttons will move up/down by 1 octave.

**PREVIEW** – While in this Sub-Mode, pressing Set Mode will play a Preview of the selected Scale Type.

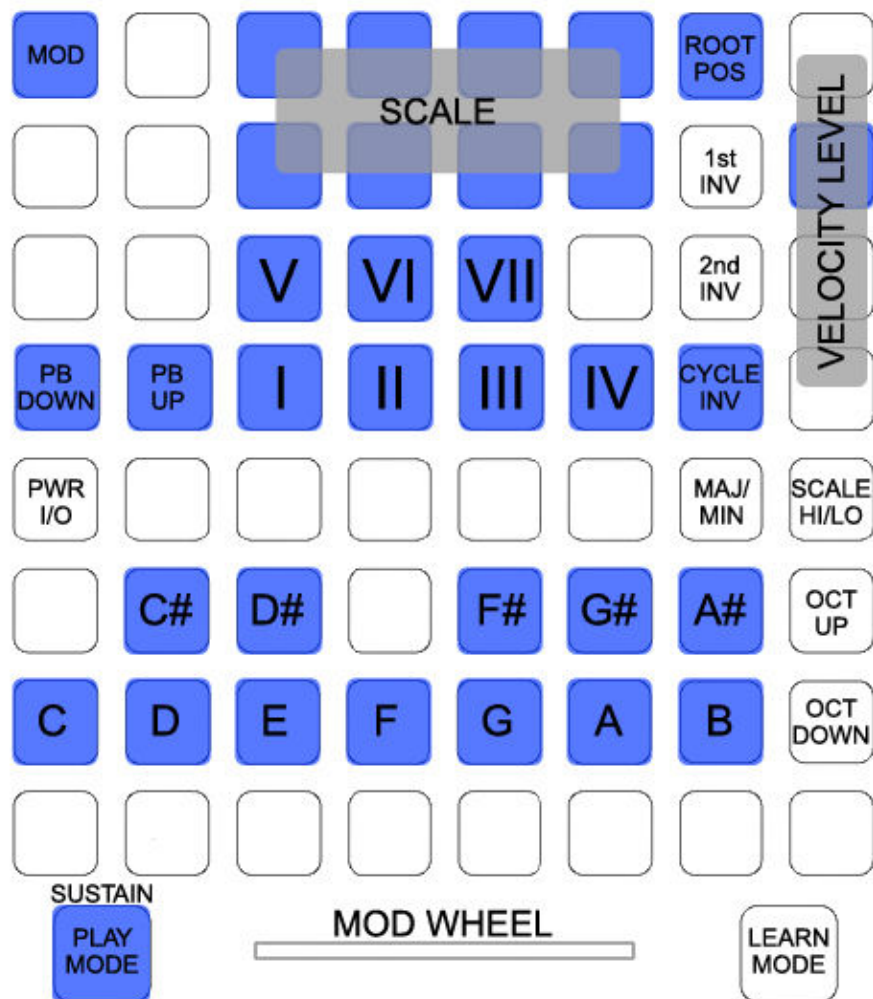
**PLAY MODE**– Switch to Play Sub-Mode.

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## **SCALE TYPES**

<b>BTN #</b>	<b>SCALE NAME</b>	<b>BTN #</b>	<b>SCALE NAME</b>
<b>1</b>	Algerian	<b>21</b>	Kumoi
<b>2</b>	Arabian B	<b>22</b>	Locrian
<b>3</b>	Augmented	<b>23</b>	Locrian 2
<b>4</b>	Balinese	<b>24</b>	Lydian
<b>5</b>	Blues	<b>25</b>	Major
<b>6</b>	Byzantine	<b>26</b>	Melodic Minor
<b>7</b>	Chinese	<b>27</b>	Minor
<b>8</b>	Chromatic	<b>28</b>	Mixolydian
<b>9</b>	Diminished	<b>29</b>	Neopolitan
<b>10</b>	Dorian	<b>30</b>	Octatonic HW
<b>11</b>	8-Tone Spanish	<b>31</b>	Oriental B
<b>12</b>	Enigmatic	<b>32</b>	Pentatonic Major
<b>13</b>	Harmonic Minor	<b>33</b>	Pentatonic Minor
<b>14</b>	Hindu	<b>34</b>	Pentatonic Neutral
<b>15</b>	Hirajoshi	<b>35</b>	Persian
<b>16</b>	HungarianGypsy	<b>36</b>	Phrygian
<b>17</b>	Hungarian Major	<b>37</b>	Purvi
<b>18</b>	Japanese B	<b>38</b>	Roumanian
<b>19</b>	Javanese	<b>39</b>	Todi
<b>20</b>	Jewish Magen	<b>40</b>	Whole Tone

# CHORD MODE – PLAY SUB-MODE



**SCALE** – These 8 Buttons will play one octave of the selected Scale.

**I – VII** – These 7 Buttons will play the 7 Scale Tone Chords of the selected Scale.

**ROOT POS/1st INV/2nd INV** – These 3 Buttons will select the Inversion of the Chords; Root Position, 1st inversion or 2nd inversion.

**CYCLE INV** – This will cycle between the 3 Inversions of the Chords.

**PWR I/O** – This will add/subtract a Power Chord to the Chords.

**SCALE HI/LO** – This will switch the octave of the Scale Buttons. When the LED is off, the Scale will be 1 octave above the Chords (Hi). When the LED is on, the Scale will be 1 octave beneath the Chords (Lo). When Pwr I/O is on, the Scale Buttons will always be Hi.

**MOD/PB DOWN/UP/VELOCITY LEVEL/C – B/OCT UP/OCT DOWN/SUSTAIN/MOD WHEEL**– Same as in [Scale Mode](#).

**LEARN MODE**– Switch to Learn Sub-Mode.

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### **MIDI CHANNEL INFO**

The Chords are sent on multiple MIDI channels. The highest note of the Chord is sent on Channel 1. The middle note on Channel 2. The lowest note on Channel 3.

If Power Chord is on, the highest note of the Power Chord is sent on Channel 4. The lowest note of the Power Chord is sent on Channel 5.

The Notes in the Scale are sent on Channel 6.

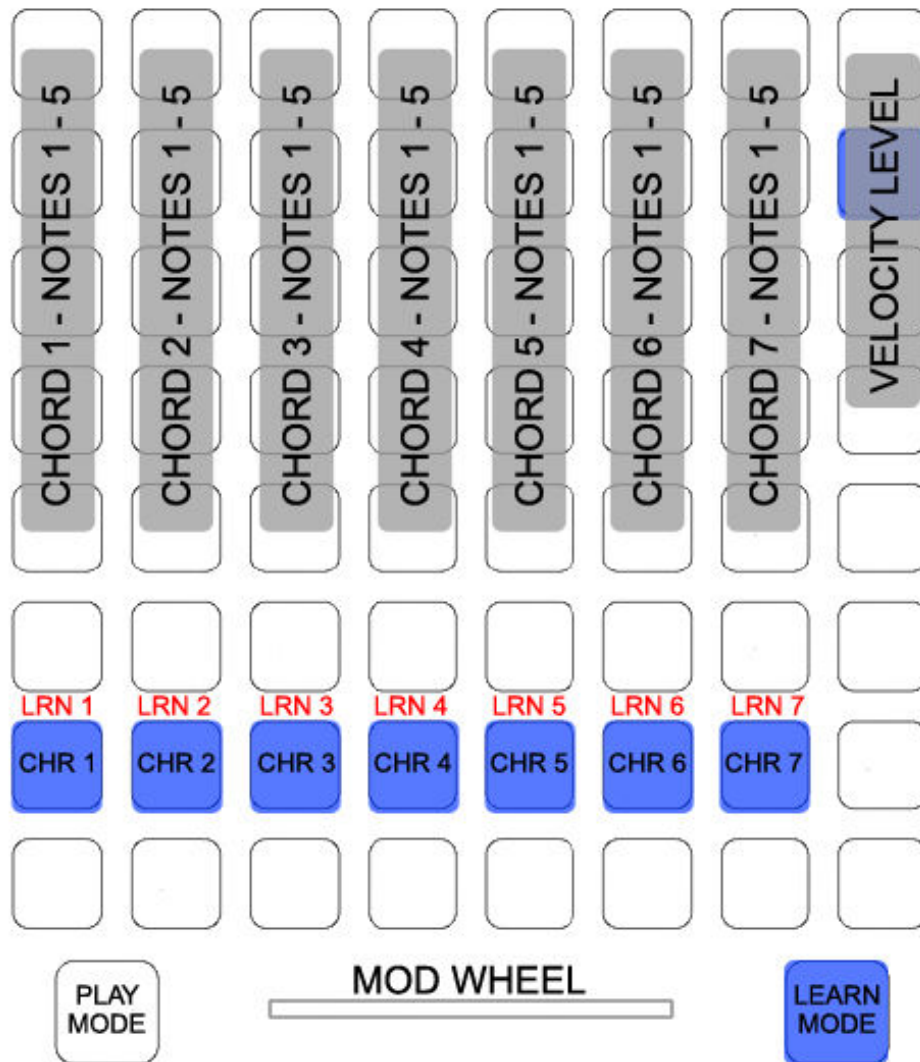
This allows you to use the Chords in 2 ways; to play a single instrument or to play multiple instruments in an ensemble.

To play a single instrument, just set the instrument up to receive from All (aka Any or Omni) MIDI channels.

To play multiple instruments, set up each instrument to receive from an individual channel. For example:

Flute – Channel 1  
Viola – Channel 2  
Cello – Channel 3

# CHORD MODE – LEARN SUB-MODE



This Sub-Mode allows you to assign 7 Chords (of up to 5 notes each) to the Ohm64's buttons by playing them from a second controller.

**CHR 1** – This will play the Chord assigned to Chord 1.

**CHORD 1 – NOTES 1 – 5** – These Buttons will play the notes of the Chord assigned to Chord 1.

**LRN 1** – This will activate Learning for Chord 1. While Learning, the Chr 1 Button will flash and the Chord 1 – Notes 1 – 5 Buttons will light up to indicate each received notes.

From your second controller, you can either play the notes in the Chord simultaneously or individually. If you play more than 5 notes, the previous 5 notes will be deleted.

When you're done Learning, press Chr 1 to save.

**CHR 2 – 7** – Same as Chr 1.

**LRN 2 – 7** – Same as Lrn 1.

**CHORD 2 – 7 – NOTES 1 – 5** – Same as Chord 1 – Notes 1 – 5.

**VELOCITY LEVEL/MOD WHEEL** – Same as in [Scale Mode](#).

**PLAY MODE** – Switch to Play Sub-Mode.

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## MT PLAYER



### MAIN WINDOW

The drop-down menu in the center of the window is used for selecting Presets (if multiple Presets are available). The last selected Preset will be selected the next time you launch Player.

The **Restart** button will restart a Preset and restore all of its default settings.

The **?** button will bring up the manual for the selected Preset.

The **IN** and **OUT** indicators will light up to indicate MIDI activity. These are used for troubleshooting purposes.

## RIGHT-CLICK MENU



MIDI Settings...  
Rescan MIDI devices  
Toggle Stats Display

**MIDI Settings** will bring up the MIDI Port Chooser window.

**Rescan MIDI devices** will rescan MIDI devices on your system. This is useful in situations where your Ohm64 is not detected properly.

**Toggle Stats Display** will show/hide event history. This is used for troubleshooting purposes.

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## TROUBLESHOOTING

### 1. Why don't I see OHM64-DR listed under Live's Control Surface dropdown menu?

**WINDOWS:** On Windows, the OHM64-DR script will have gotten installed during install of omC. If it's not showing up, please try reinstalling the omC II installer. No need to uninstall first.

**OS X:** On OS X, you are prompted to manually transfer the script during install. If you skipped that step or need to retransfer the script for some other reason, you can find it along with transfer instructions in: (your name)/Bome's Midi Translator/Player.

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### 2. When I try to complete the MT Player Settings steps, I get an error message when I select the Ohm64's ports.

Please close Live, MT Player and any other MIDI applications. Then relaunch MT Player and you'll be able to complete the settings steps.

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### 3. When I try to complete the MT Player Settings steps, I get an error message when I select my second controller.

Please try using one of the [Thru] versions of this Preset. Also, make sure to deactivate/deselect your second controller's ports in Live.

4. Some of the button LEDs (like the Mute buttons for example) turn off when I press them.

With older versions of the firmware, you'll need to manually turn Local Control off. You can do that by pressing F1+M2 (the button underneath Fader 2) on your Ohm64.

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5. In the demo video I saw from you, you were using some functions that I don't have. Where are they?

Presets evolve over time in regard to refinements and new functionality. In some cases, it's necessary to reposition existing controls to make way for new functions. We try to keep rearrangements to a minimum and any rearrangements will always be covered in the Preset's manual.

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6. I have multiple copies of MT Player ports listed, which should I use?

You should use the listings that start with "From" or "To". For example, you shouldn't use "3-From MT Player 1", you should use "From MT Player 1".

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**For Windows Users only:**

7. I don't have an "omC" icon in my System Tray so I can't use the User Functions in the Ctrl Mode.

Go to My Documents\Bome's Midi Translator\Player. Right-click on the file named omC Shell.exe and select Send To Desktop to create a shortcut on your desktop. Always use this shortcut to launch MT Player.

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## SUPPORT

**Email:**

[support@nativekontrol.com](mailto:support@nativekontrol.com)

**Forum:**

[Beatwise Network](#)

**Videos:**

[Stray's YouTube Channel](#)