



Preset: apC-CL2+TC2 v1.0.1

NOTE: There are 4 versions of this Preset.

apC-CL2+TC2 is the default version.

apC-CL2+TC2[0db] is identical except all the Volume-related controls max out at 0db.

apC-CL2+TC2[Thru] is the same as the default version except that it passes Thru MIDI from a 2nd controller.

apC-CL2+TC2[Thru][0db] is identical except all the Volume-related controls max out at 0db.

Please try to use apC-CL2+TC2 or apC-CL2+TC2[0db] first. If you get an error when trying to select your 2nd 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](#).

MT PLAYER SETTINGS

The first time you use your APC40 in MT Player, you may be prompted to setup the APC40's ports. For both prompts, you should select your APC40. 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: APC40 Input"**.
2. From the MIDI In port menu, select your APC40 and click OK.
3. Go back into MIDI Settings.
4. From the Port Name menu, select **"OUT: APC40 Output"**.
5. From the MIDI Out port menu, select your APC40 and click OK.
6. Click the Restart button.

This Preset also includes an Input for a 2nd MIDI controller, which is used for [Learn Mode](#). To setup the 2nd controller:

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

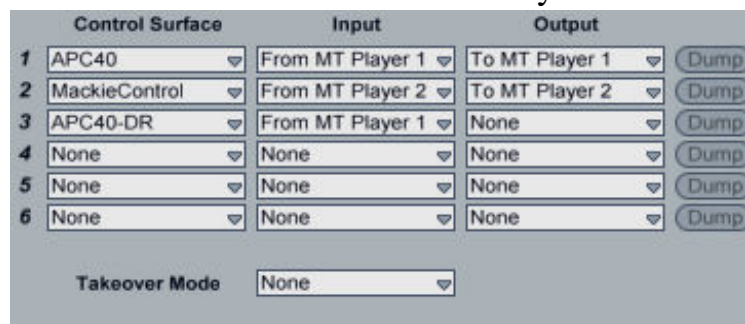
You can learn more about MT Player in the [MT Player section](#).

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.



	MIDI Ports	Track	Sync	Remote
▶	Input: From MT Player 1	On	Off	On
▶	Input: MackieControl Input (From MT Player 2)	On	Off	Off
▶	Input: From MT Player 3	Off	Off	Off
▶	Input: Roland RPC-1 MIDI	Off	Off	Off
▶	Input: USB Audio Device	Off	Off	Off
▶	Output: USB Audio Device	Off	Off	Off
▶	Output: Out To MIDI Yoke: 1	Off	Off	Off
▶	Output: APC40 Output (To MT Player 1)	Off	Off	On
▶	Output: MackieControl Output (To MT Player 2)	Off	Off	Off
▶	Output: To MT Player 3	Off	Off	Off

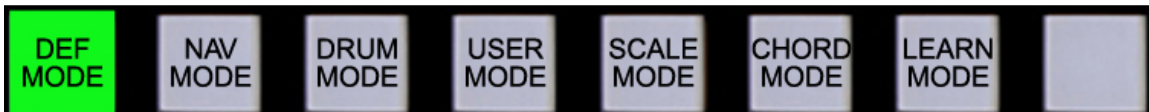
1. Turn off all of the Track/Sync/Remote switches related to your APC40 and deselect it as a Control Surface.
2. Deactivate the Track switch for **From MT Player 3**.
3. Select **APC40** as a Control Surface.
4. Select **From MT Player 1** as the Input and **To MT Player 1** as the Output.
5. Select **MackieControl** as a Control Surface.
6. Select **From MT Player 2** as the Input and **To MT Player 2** as the Output.
7. Select **APC40-DR** as a Control Surface. This will be listed at the bottom of the Control Surface drop-down menu.
8. Select **From MT Player 1** as the Input.
9. Activate the Track and Remote switches for **From MT Player 1**.
10. Activate the Track switch for **MackieControl Input (From MT Player 2)**.
11. Activate the Remote switch for **APC40 Output (To MT Player 1)**.
12. If you're using one of the [Thru] versions of this Preset, deactivate/deselect all of the settings related to your second controller.

NOTE: For the most part, the order in which you set up the Control Surfaces doesn't matter. However, the APC40 entry needs to be above the APC40-DR entry.

Also, 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.

GENERAL OVERVIEW

This Preset offers 7 Modes for the APC40's Clip Launch Buttons. These Modes can be switched between by holding down Shift and using the first 7 Clip Stop Buttons. Also, when Shift is depressed, the first 7 Clip Stop Button LEDs will indicate the currently selected Mode. This Preset also includes 4 Modes for the APC40's [Track Control](#) section.



NOTE: All of the APC40's other controls perform their default function in every Mode with the following exceptions:

MUTE/SOLO BUTTONS – These Buttons provide dual functionality. Press them relatively quickly and they will toggle. Hold them down and they become momentary switches.

DEVICE ON/OFF BUTTON – This Button provides dual functionality like the Mute Buttons described above.

BANK SELECT BUTTONS – These will scroll if you hold them down.

SHIFT+NUDGE +/- – Session = Increase/decrease Global Quantization value. Arrange = Increase/decrease Grid size.

SHIFT+TAP – Session = Toggle Global Quantization on/off. Arrange = Toggle Grid On/Off

SHIFT+CUE LEVEL – Session = Scene select. Arrange = Scroll.

SHIFT+PLAY – Launch the currently selected Clip.

SHIFT+STOP – Undo.

SHIFT+REC – Clip record. 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 and will not work if MIDI Overdub is turned on.

SHIFT+STOP ALL – This is User Assignable to Live menu functions. Please see [User Assignments](#).

FADERS – The Faders perform their default function. However, pressing Shift will Mute the Faders so that they can be repositioned. This is sort of a manual Takeover mode so, when using it, Takeover mode in Live should be set to None.

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

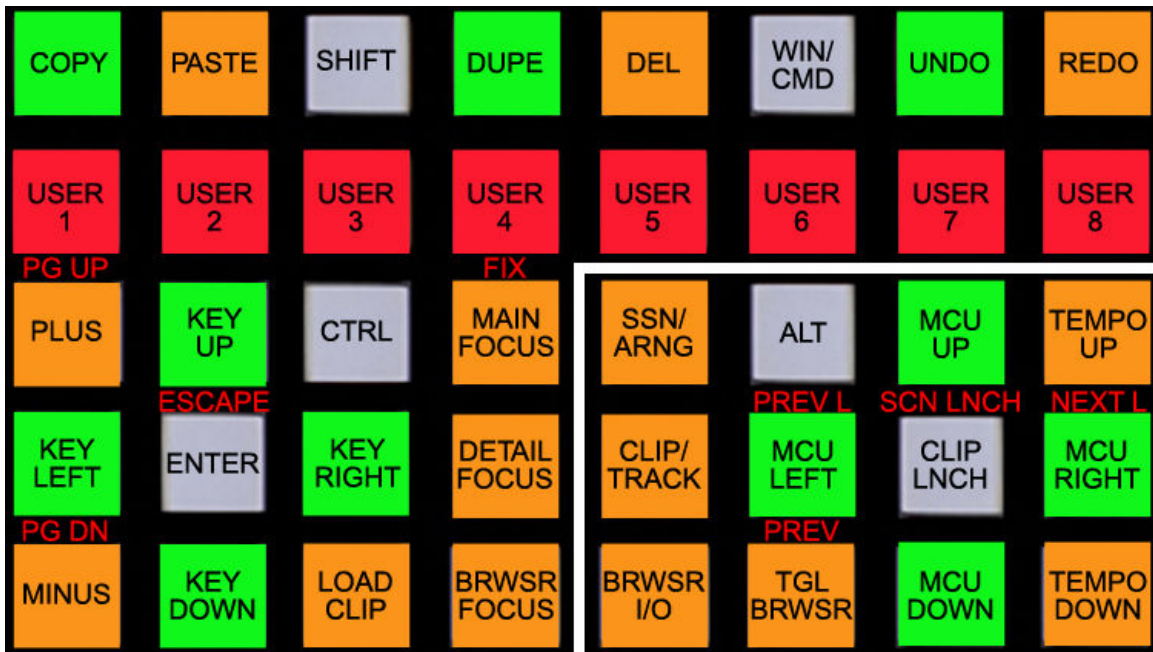
CLIP LAUNCH BUTTON MODES

DEFAULT MODE

MODE OVERVIEW

In this Mode, the Clip Launch Buttons perform their default function.

NAVIGATION MODE



MODE OVERVIEW

This Mode provides a variety of controls for navigating Live sets, launching/recording Clips/Scenes as well as general-purpose editing. This Mode uses both MIDI functions (outlined in white) and keystrokes/general functions.

GENERAL FUNCTIONS

COPY/PASTE/DUPE/DEL/UNDO/REDO – Standard editing shortcuts.

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](#).

PLUS/PG UP – Plus/page up keystrokes.

MINUS/PG DN – Minus/page down keystrokes.

KEY UP/DOWN/LEFT/RIGHT – Arrow keystrokes.

ENTER/ESCAPE – Enter/escape keystrokes.

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

SHIFT/CTRL/WIN/CMD/ALT – Modifier keystrokes. These can be used to modify the function of the Arrow keystrokes as well as mouse movements/clicks.

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

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

FIX – This will put 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.

MIDI FUNCTIONS

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.

PREV L/NEXT L – Jump to the Previous/Next Locator.

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.

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

USER ASSIGNMENTS

For **Windows** users, to assign functions to User Buttons 1 – 8, either double-click the “apC” 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

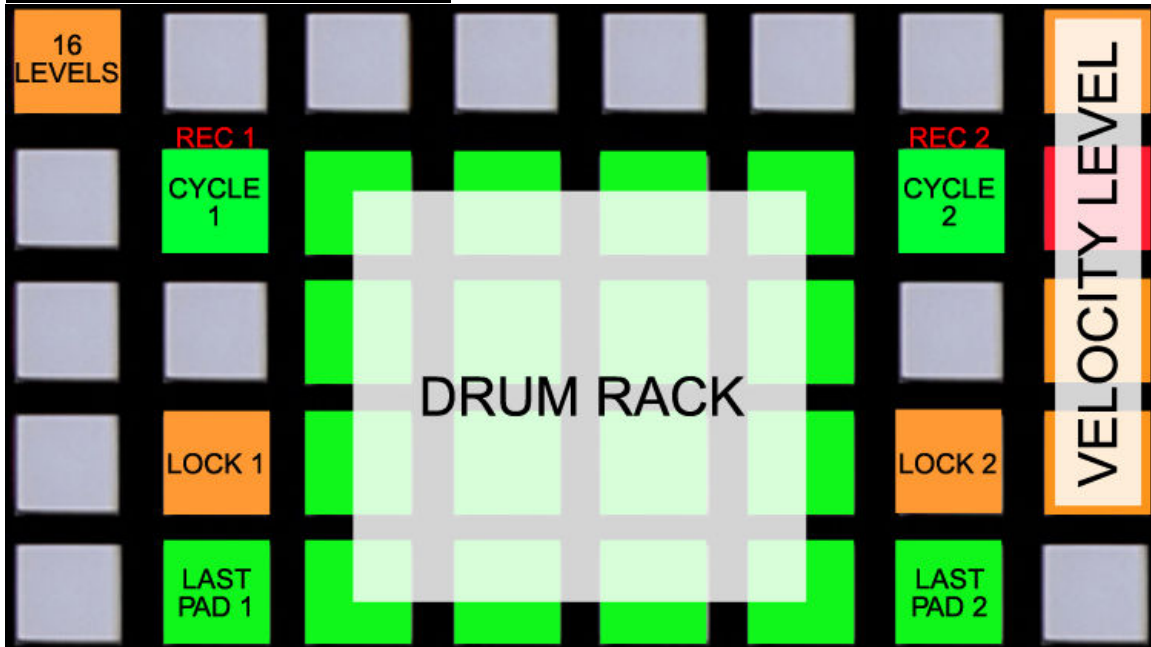
NOTE: For **OS X** users, once you’ve made all your assignments, you’ll need to close and restart Live for them to take effect.

DRUM MODE

MODE OVERVIEW

This Mode provides control over Live's Drum Rack via 2 Sub-Modes; Default and 16 Levels. It also utilizes the concept of "Last Pad", which is the last pad that was triggered.

DEFAULT SUB-MODE



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 Clip Stop 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.

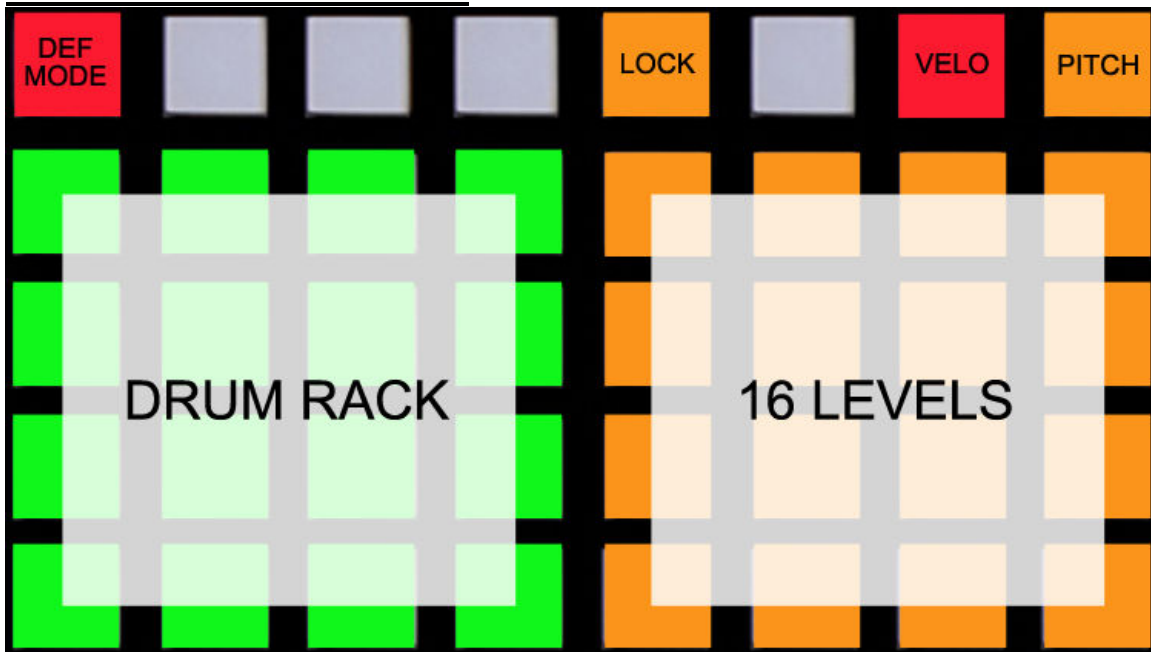
CYCLE 2 – Same as Cycle 1.

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.

16 LEVELS – Switch to 16 Levels Sub-Mode.

16 LEVELS SUB-MODE



DRUM RACK – Same as in Default Sub-Mode.

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

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

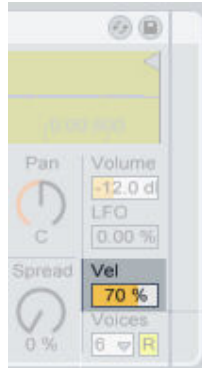
VELO – Toggles 16 Levels of velocity. When on, the 16 Level Buttons will control the velocity of the Last Pad.

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

DEF MODE – Switch to Default Sub-Mode.

NOTES

The velocity functions described on the previous page 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.

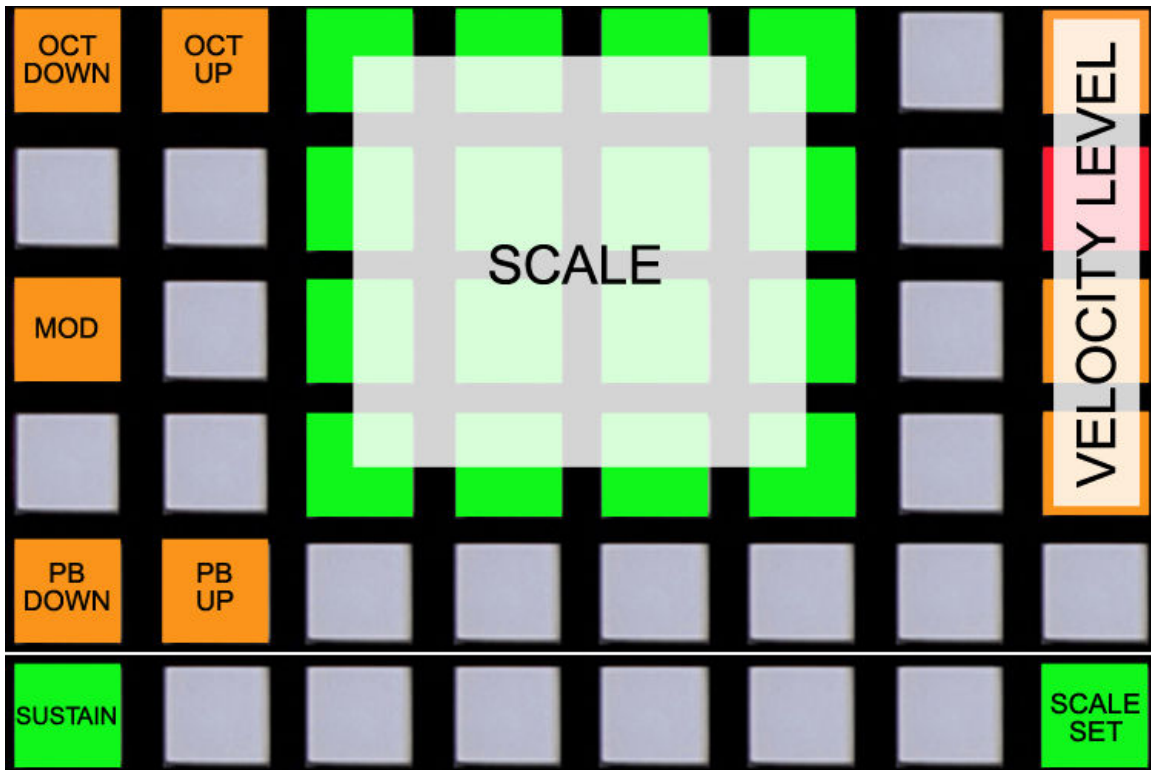
USER MODE

MODE OVERVIEW

In this Mode, the Clip Launch Buttons are user assignable in Live via MIDI mapping mode.

NOTE: In order to avoid conflicts with the APC's default functions, it is recommended that you set up any other controllers you might be using to operate on MIDI channels 9 – 16.

SCALE MODE



MODE OVERVIEW

This Mode provides access to a variety of Scale Types.

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

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

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

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

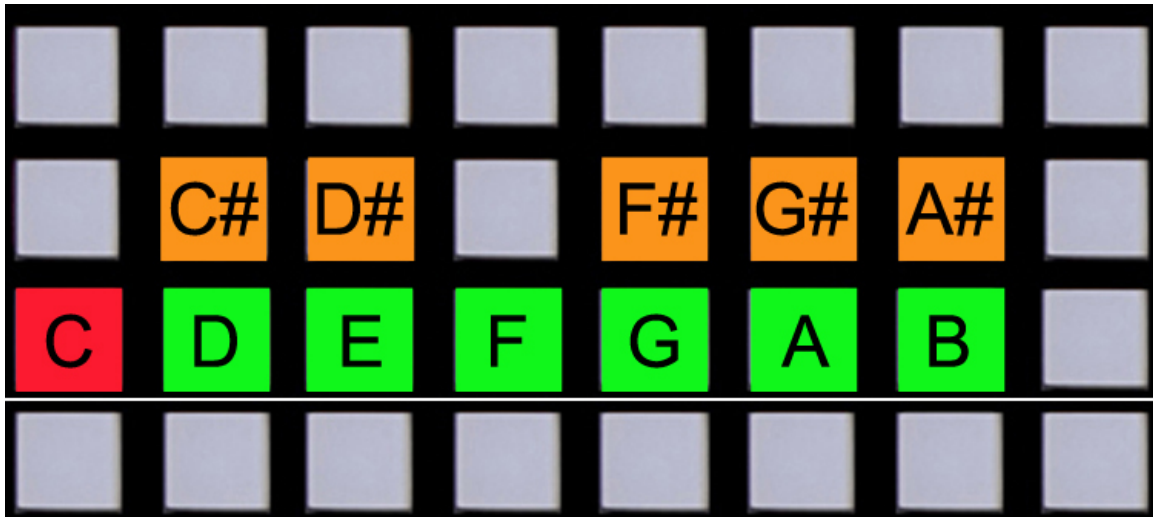
VELOCITY LEVEL – These 4 Buttons set the velocity level of the Scale Buttons. The 4 available velocities (from top to bottom) are 127, 107, 87 and 67.

SUSTAIN – Sustain the currently held note(s).

SCALE SET– Switch to the [Scale Set](#) sub-mode to choose a Scale Type.

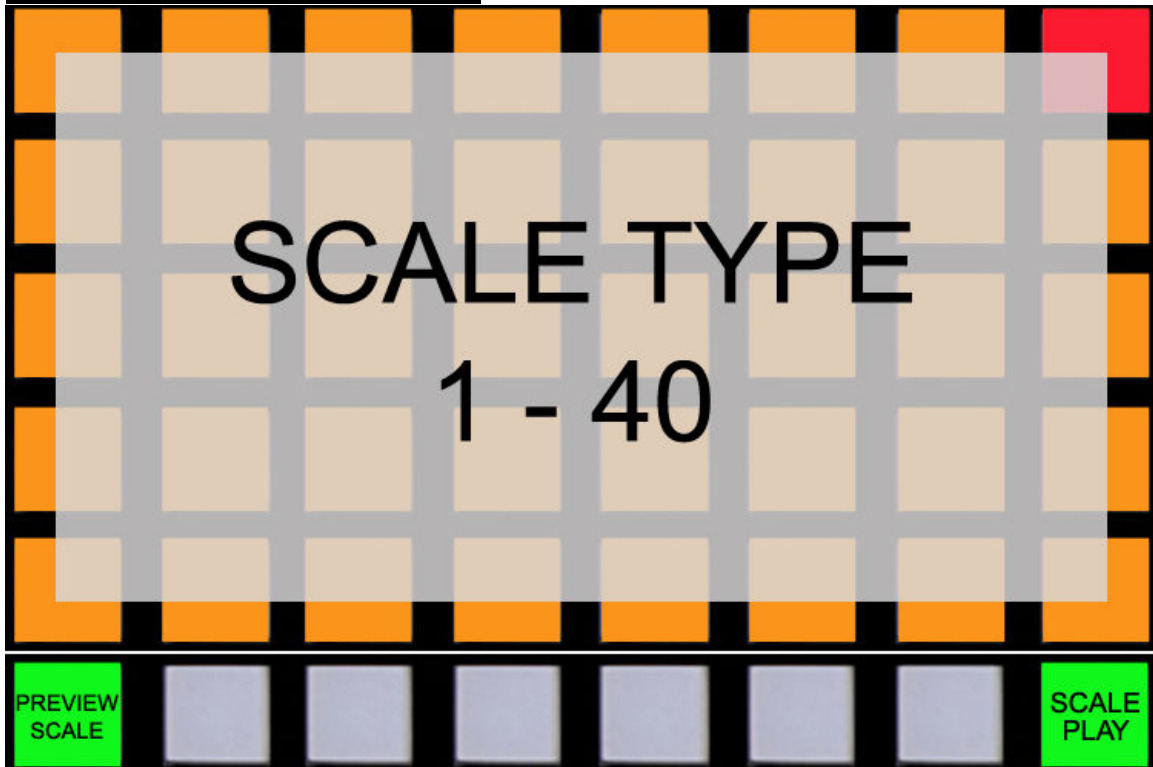
NOTE: By default, the Root Note for all Scales is C. To change the Root Note, press Shift to switch to the [Root Set](#) sub-mode.

ROOT SET SUB-MODE



C – B – Select the Root Note of the Scale.

SCALE SET SUB-MODE



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

PREVIEW SCALE – Play a Preview of the selected Scale Type.

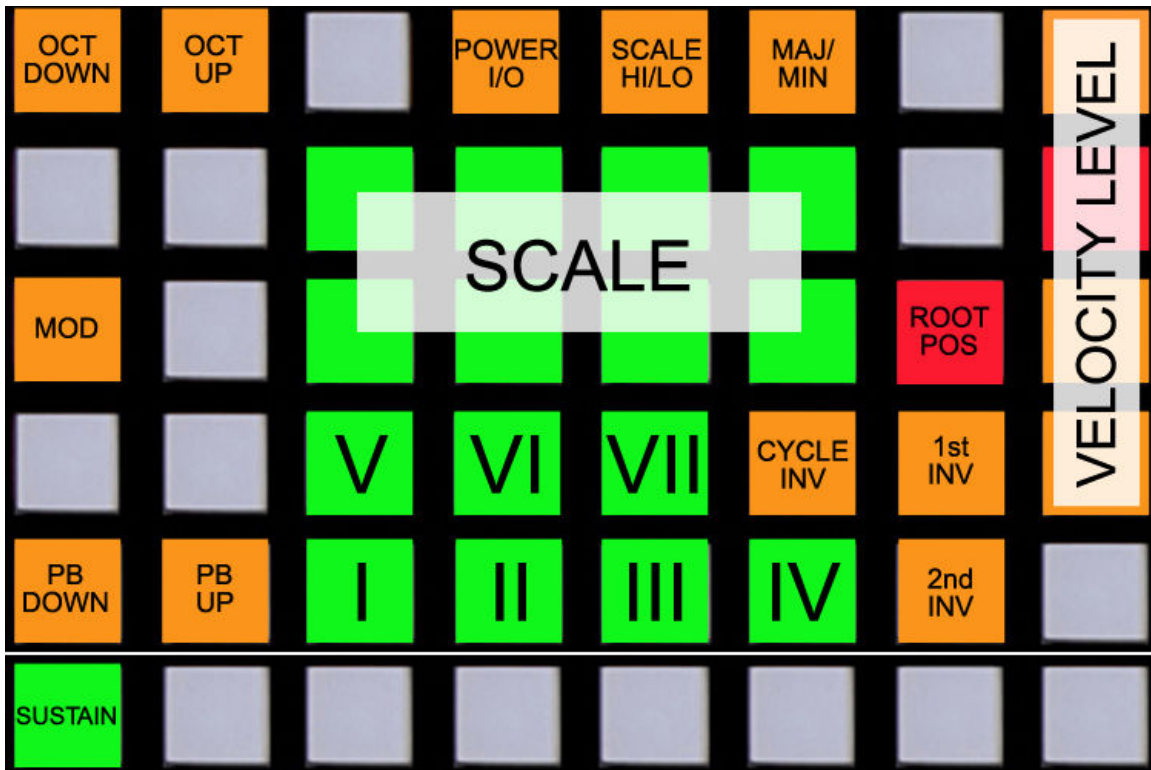
SCALE PLAY – Switch back to the default Scale Mode.

SCALE TYPES

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

NOTE: The button numbers start in the upper left hand corner and end in the lower right hand corner.

CHORD MODE



MODE OVERVIEW

This Mode provides access to the 7 Scale Tone Chords for all Major/Minor Scales.

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 Power I/O is on, the Scale Buttons will always be Hi.

MAJ/MIN – Switch between Major (the default) and Minor Scales.

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

NOTE: By default, the Root Note for all Scales is C. To change the Root Note, press Shift to switch to the [Root Set](#) sub-mode.

MIDI CHANNEL INFO

The Chords are sent on multiple MIDI channels. The highest note of the Chord is sent on Channel 11. The middle note on Channel 12. The lowest note on Channel 13.

If Power Chord is on, the highest note of the Power Chord is sent on Channel 14. The lowest note of the Power Chord is sent on Channel 15.

The Notes in the Scale are sent on Channel 16.

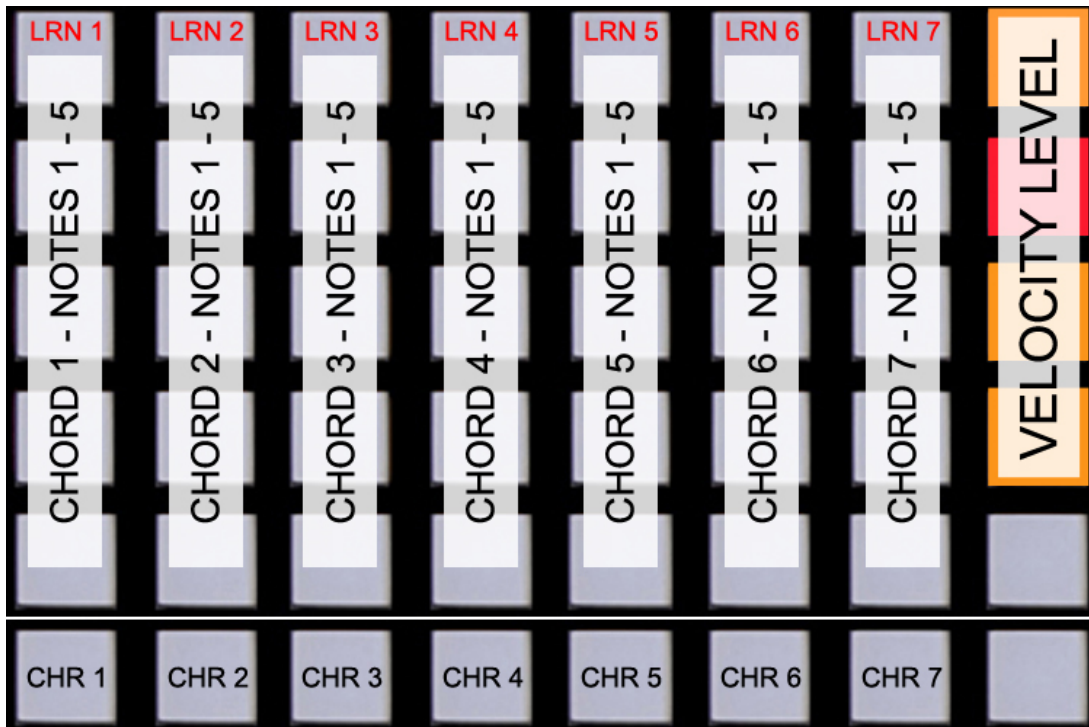
This allows you to use the Chords in 2 ways; to play a single instrument or to play multiple instruments in an ensemble.

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 11
Viola – Channel 12
Cello – Channel 13

LEARN MODE



MODE OVERVIEW

This Mode allows you to learn Chords (up to 5 notes each) to the APC's Clip Stop buttons by playing them from another 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 2nd 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– Same as in [Scale Mode](#).

TRACK CONTROL MODES

This Preset offers 4 Modes for the APC40's Track Control Encoders. These Modes can be switched between by holding down Shift and using the Track Control Buttons (Pan, Send A, Send B, Send C). Also, when Shift is depressed, the Track Control Button LEDs will indicate the currently selected Mode.



DEFAULT MODE

MODE OVERVIEW

In this Mode, the Encoders perform their default function.

NOTE: The Track Control Buttons also perform their default function in this Mode. They have no function in Volume, Send or User Mode.

VOLUME MODE

MODE OVERVIEW

The Encoders control/display the Volume of the Tracks in the selected Bank.

SEND MODE

MODE OVERVIEW

The Encoders control/display the level of Send A-H of the currently selected Track.

USER MODE

MODE OVERVIEW

The top 4 Encoders function as true endless encoders (like the Cue Encoder). The bottom 4 Encoders function like normal. These are all user assignable via MIDI mapping in Live.

NOTE: When MIDI mapping the Encoders, make sure that you are using the correct mapping Mode, which is Relative (Signed Bit) for the top 4 Encoders and Absolute for the bottom 4 Encoders. This information is shown on the Status Bar when you're in MIDI mapping mode.

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 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 APC40 is not detected properly.

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

TROUBLESHOOTING

1. Why don't I see APC40-DR listed under Live's Control Surface drop-down menu?

WINDOWS: On Windows, the APC40-DR script will have gotten installed during install of apC. If it's not showing up, please try reinstalling the apC 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.

2. When I try to complete the MT Player Settings steps, I get an error message when I select the APC40'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.

3. When I try to complete the MT Player Settings steps, I get an error message when I select my 2nd controller.

Please try using one of the [Thru] versions of this Preset. Also, make sure to deactivate/deselect your 2nd controller's ports in Live.

4. 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.

5. 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".

For Windows Users only:

[6. I don't have an "apC" icon in my System Tray so I can't use the User Functions in the Navigation Mode.](#)

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

SUPPORT

Email:

support@nativekontrol.com

Forum:

[Beatwise Network](#)

Videos:

[Stray's YouTube Channel](#)