

# nativeKONTROL PXT-Live Control Reference

## Version 1.1.5

This document serves as a quick reference to the functions available in PXT-Live. For more info on PXT-Live, please refer to the provided manual (*PXT-Live User Manual.pdf*).

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# 1 GLOBAL CONTROLS

MODIETED(C)	COMEDOI	
<b>MODIFIER(S)</b>	CONTROL	FUNCTION
-	Тар Тетро	Triggers Tap Tempo and also functions as a visual metronome.
-	Metronome	Toggles the Metronome.
-	Tempo Encoder	Adjusts Tempo in 1-BPM increments.
Shift	Tempo Encoder	Adjusts Tempo in 0.1-BPM increments.
-	Undo	Triggers Undo.
Shift	Undo	Triggers Redo.
-	Double	Doubles the contents of the selected MIDI Clip.
-	Quantize	When held down, Encoders 1 – 3 are used for adjusting
		Quantization settings.
-	Fixed Length	Toggles Fixed Length recording.
-	Automation	Toggles Automation.
Shift	Automation	Re-enables automation that has been overridden.
<i>Delete</i>	Automation	Clears recorded automation from the current Clip.
-	Duplicate	Duplicates the selected Clip.
Shift	Duplicate	Duplicates the selected Scene.
-	New	Selects the next available Clip Slot on the selected Track for
		recording.
Shift	New	Creates a new MIDI Clip in the selected Clip Slot.
Session	New	Creates a new Track that is armed and is routed from the currently
		selected Track.
-	Record	In Session View, triggers Fixed Length recording (if Fixed
		Length is on) or toggles Session Record/Overdub.
		In Arrangement View, toggles Arrangement Overdub.
Shift	Record	Toggles Arrangement Record.
J 5		1055100 / Hrungoment Record.
-	Play	Toggles playback.
Shift	Play	Reverts to Arrangement position 1.1.1.
5.1116		Reverts to Arrangement position 1.1.1.
-	Swing Encoder	Adjusts Global Quantization
Shift	Swing Encoder	Adjusts Global Quantization.
Fixed Length	Swing Encoder	Adjusts Recording Quantization.
TAEU LENGLI	Swillig Elicodel	Adjusts Recording Length.
_	Touch Strip	Controls the last selected movements:
- Shift	Touch Strip	Controls the last selected parameter.
Delete	Touch Strip	Resets or toggles the value of the parameter being controlled.
Shift + Delete	Touch Strip	Clears automation recorded for the parameter being controlled.
SITTL + Detele	Touch Strip	Locks to/unlocks from the current parameter.

-	Master Encoder	Adjusts Master Track Volume.
Shift	Master Encoder	Adjusts Cue Volume.
		rajusts out volume.
-	Master	Toggles between selecting the Master Track and the last selected Track.
-	Volume	Selects Encoder Global Mode.
Shift	Volume	Triggers Back to Arrangement.
-	Pan & Send	Selects Encoder Drum Rack Mode.
-	Track	Selects Encoder Track Mode.
-	Clip	Selects Encoder Clip Mode.
		beleets Encoder on Mode.
-	Device	Selects Encoder Device Mode.
	Device	Selects Encoder Device Wode.
_	Browse	Selects Encoder Learn Mode.
Device	Browse	
Device	BI OWSE	Selects Encoder Rename Mode.
-	User	When pressed quickly, switches back to Push's default functionality. When held down, selects the Matrix <u>Accessory Mode</u> .
-	Note	Selects Matrix Note Mode. If Note Mode is selected and the Note button is pressed again, it will toggle the Arm state of the selected Track. The Note button will blink if the selected Track is armed.
Shift	Note	Toggles between showing and hiding Detail View.
-	Session	Selects Matrix Clip Play Mode.
Shift	Session	Toggles between Session and Arrangement Views.
-	Arrows	Up/Down navigate Scenes in Session View and Tracks in Arrangement View. Left/Right navigate Tracks in Session View and the insert marker in Arrangement View.
Shift	Arrows	Moves the grid selector in Live to select the Tracks and Scenes to control.
-	Footswitch 1	Launches the selected Scene.
-	Footswitch 2	Launches the selected Clip Slot.

## 2 MATRIX MODES

## 2.1 Note Mode

<b>MODIFIER(S)</b>	CONTROL	FUNCTION
-	Add Effect	Selects the Poly Sequence Sub-Mode.
Add Track	Add Effect	Selects the Mono Sequence Sub-Mode.
-	Add Track	Selects the Capture Sub-Mode.

### 2.1a Poly Sequence Sub-Mode

MODIFIER(S)  Matrix w/Repeat Off Shift Matrix w/Repeat Off Mute Matrix w/Repeat Off Mute Matrix w/Repeat Off Mute Matrix w/Repeat Off Select Matrix w/Repeat Off Select Notes or ranges.  Select shift  Matrix w/Repeat Off Matrix w/Repeat Off Selects Notes individually.  Matrix w/Repeat On Upper half selects Edit Position. Lower half selects Loop Position.  Upper half selects Edit Position and Loop Position.  Upper half selects Edit Position Industry if Position and Loop Position.  Upper half selects Edit Position Industry in Edit Position and Loop Position.  Food and Root's Loop Boundoff. Shift Loop will reset the Clip's Loop Audimate Scale Note Industry in Head Scale Advisory and Industry in Edit Position and Loop Position.  Food and Root's Advisory and Loop Position Position Root and Root's Advisory and Industry in Edit Position Position Root and Root's Advisory and Industry in Edit Position Position Root and Root an	2.1a Poly Sequ		
Shift   Matrix w/Repeat Off   First column plays/auditions Notes.   Mutes Notes.   Mutes Notes.   Mutes Notes.   Matrix w/Repeat Off   Selects Notes or ranges.   Select + Shift   Select   Matrix w/Repeat Off   Selects Notes individually.	<b>MODIFIER(S)</b>	CONTROL	FUNCTION
Mute         Matrix w/Repeat Off         Mutes Notes.           Select         Matrix w/Repeat Off         Selects Notes or ranges.           Select + Shift         Matrix w/Repeat Off         Selects Notes individually.           .         Matrix w/Repeat Of         Upper half selects Edit Position. Lower half selects Loop Position.           .         Matrix w/Repeat On         Upper half selects Edit Position and Loop Position.           .         Delete         Matrix w/Repeat On         Upper half selects Edit Position and Loop Position.           .         Track Selection w/Scales and Accent Off         Upper half selects Edit Position and Loop Position.           .         Track Selection w/Scales and Accent Off         Upper half selects Edit Position and Loop Position.           .         Track Selection w/Scales and Accent Off         Upper half selects Edit Position and Loop Position.           .         Track Selection w/Scales and Accent Off         Loop toggles the Clip's Loop on/off. Shift + Loop will reset the Clip's Loop. Automation of parameters. Lock will lock tofunlock from the Clip.           .         Track Selection w/Scales On Accent Off         Scale and Root> adjusts the Scale's Root Note. Scale and Scale's Root Note. Scale Type. Capture captures Notes from the Clip and converts them into a Scale.           .         Track State         Displays the Clip's playhead.           .         Track State         Displays the	-	Matrix w/Repeat Off	Adds/removes Notes.
Select   Shift   Matrix w/Repeat Off   Selects Notes or ranges.	Shift	Matrix w/Repeat Off	First column plays/auditions Notes.
Select + Shift  Matrix w/Repeat On  Upper half selects Edit Position. Lower half selects Loop Position.  Shift  Matrix w/Repeat On  Upper half selects Edit Position and Loop Position.  Upper half selects Edit Position and Loop Position Po	Mute	Matrix w/Repeat Off	Mutes Notes.
. Matrix w/Repeat On Upper half selects Edit Position. Lower half selects Loop Position.  Shift Matrix w/Repeat On Upper half selects Edit Position and Loop Position.  Loop Tops the Clip is Loop on/off. Shift + Loop will reset the Clip's Loop Automator State State Stoop Notes Lanes.  Stop Select the Clip's Loop Automator State Stoop Notes Lanes.  Stop Stops the Clip in Edit Position and Loop Position Automator State State Stoop Notes Lanes.  Stop Stops the Clip is fit it's playing or launches it immediately with legato otherwise.  Shift Mute Unmutes all Note Lanes.  Cotave Down/Up	Select	Matrix w/Repeat Off	Selects Notes or ranges.
Shift  Matrix w/Repeat On  Delete  Matrix w/Repeat On  Upper half selects Edit Position and Loop Position.  Upper half selects all of the Notes in the associated Edit Position or Edit Position Range.  Loop toggles the Clip's Loop on/off. Shift + Loop will reset the Clip's Loop on/off. Shift + Loop will reset the Clip's Loop. Automat toggles Per-Step Automation of parameters. Lock will lock to/unlock from the Clip.  Root and Root's adjusts the Scale Type. Capture captures Notes from the Clip and converts them into a Scale.  Track Selection w/Accent On  Track State  Displays the Clip's playhead.  Resolution  Selects the Resolution to use for sequencing.  Delete Resolution  Deletes Note Lanes.  Quantize Resolution  Mute Resolution  Mute Resolution  Solos Note Lanes.  Stop  Stops the Clip if it's playing or launches it otherwise.  Shift  Mute  Unmutes all Note Lanes.  Octave Down/Up  Scrolls the Scale down or up by 1 Octave unless the Chromatic scale is selected in which case scrolls the Scale down or up by 8 Semitones.	Select + Shift	Matrix w/Repeat Off	Selects Notes individually.
Shift  Matrix w/Repeat On  Delete  Matrix w/Repeat On  Upper half selects Edit Position and Loop Position.  Upper half selects all of the Notes in the associated Edit Position or Edit Position Range.  Loop toggles the Clip's Loop on/off. Shift + Loop will reset the Clip's Loop on/off. Shift + Loop will reset the Clip's Loop. Automat toggles Per-Step Automation of parameters. Lock will lock to/unlock from the Clip.  Root and Root's adjusts the Scale Type. Capture captures Notes from the Clip and converts them into a Scale.  Track Selection w/Accent On  Track State  Displays the Clip's playhead.  Resolution  Selects the Resolution to use for sequencing.  Delete Resolution  Deletes Note Lanes.  Quantize Resolution  Mute Resolution  Mute Resolution  Solos Note Lanes.  Stop  Stops the Clip if it's playing or launches it otherwise.  Shift  Mute  Unmutes all Note Lanes.  Octave Down/Up  Scrolls the Scale down or up by 1 Octave unless the Chromatic scale is selected in which case scrolls the Scale down or up by 8 Semitones.			
Delete Matrix w/Repeat On Upper half deletes all of the Notes in the associated Edit Position or Edit Position Range.  Track Selection w/Scales and Accent Off Sand Accent Off Will reset the Clip's Loop on/off. Shift + Loop will reset the Clip's Loop. Automat toggles Per-Step Automation of parameters. Lock will lock to/unlock from the Clip.  Track Selection w/Scales On Schoot and Root> adjusts the Scale's Root Note. Scale and Scale> adjusts the Scale Type. Capture captures Notes from the Clip and converts them into a Scale.  Track Selection w/Accent On Selects Velocity to use when adding Notes.  Resolution Selects the Resolution to use for sequencing.  Delete Resolution Deletes Note Lanes.  Mute Resolution Quantize Resolution Mutes Note Lanes.  Solos Note Lanes.  Stop Stops the Clip if it's playing or launches it otherwise.  Stop Stops the Clip immediately if it's playing or launches it immediately with legato otherwise.  Shift Mute Unmutes all Note Lanes.  Octave Down/Up Scrolls the Scale down or up by 1 Octave unless the Chromatic scale is selected in which case scrolls the Scale down or up by 8 Semitones.	-	Matrix w/Repeat On	
Position or Edit Position Range.  Track Selection w/Scales and Accent Off  Track Selection w/Scales and Accent Off  Track Selection w/Scales on track Selection w/Accent on the Clip.  Track Selection w/Accent on track Selection w/Accent on the Clip and converts them into a Scale.  Track Selection w/Accent on Selects Velocity to use when adding Notes.  Track State Displays the Clip's playhead.  Resolution Selects the Resolution to use for sequencing.  Delete Resolution Deletes Note Lanes.  Quantize Resolution Quantizes Notes Lanes.  Mute Resolution Mutes Note Lanes.  Solos Note Lanes.  Solos Note Lanes.  Stop Stops the Clip if it's playing or launches it otherwise.  Stop Stops the Clip immediately if it's playing or launches it immediately with legato otherwise.  Shift Mute Unmutes all Note Lanes.  Octave Down/Up Scrolls the Scale down or up by 1 Octave unless the Chromatic scale is selected in which case scrolls the Scale down or up by 8 Semitones.			Upper half selects Edit Position and Loop Position.
and Accent Off  will reset the Clip's Loop. Automat toggles Per-Step Automation of parameters. Lock will lock to/unlock from the Clip.  Track Selection w/scales On   Root and Root adjusts the Scale's Root Note. Scale and Scale adjusts the Scale Type. Capture captures Notes from the Clip and converts them into a Scale.  Track Selection w/Accent On Selects Velocity to use when adding Notes.  Track State Displays the Clip's playhead.  Resolution Selects the Resolution to use for sequencing.  Delete Resolution Quantizes Notes Lanes.  Mute Resolution Mutes Note Lanes.  Solo Resolution Solos Note Lanes.  Solos Note Lanes.  Stop Stops the Clip if it's playing or launches it otherwise.  Stop Stops the Clip immediately if it's playing or launches it immediately with legato otherwise.  Shift Mute Unmutes all Note Lanes.  Octave Down/Up Scrolls the Scale down or up by 1 Octave unless the Chromatic scale is selected in which case scrolls the Scale down or up by 8 Semitones.	Delete	Matrix w/Repeat On	
and Scale's adjusts the Scale Type. Capture captures Notes from the Clip and converts them into a Scale.  Track Selection w/Accent On  Selects Velocity to use when adding Notes.  Track State  Displays the Clip's playhead.  Resolution  Delete Resolution  Deletes Note Lanes.  Quantize Resolution  Quantize Resolution  Mutes Note Lanes.  Solo Resolution  Solos Note Lanes.  Solos Note Lanes.  Stop  Stops the Clip if it's playing or launches it otherwise.  Shift  Stop  Stops the Clip immediately if it's playing or launches it immediately with legato otherwise.  Shift  Mute  Unmutes all Note Lanes.  Chromatic scale is selected in which case scrolls the Scale down or up by 1 Octave unless the Chromatic scale is selected in which case scrolls the Scale down or up by 8 Semitones.	-	and Accent Off	will reset the Clip's Loop. <i>Automat</i> toggles Per-Step Automation of parameters. <i>Lock</i> will lock to/unlock
- Track State  Displays the Clip's playhead.  Resolution  Delete Resolution  Deletes Note Lanes.  Quantize Resolution  Quantize Resolution  Mute Resolution  Mutes Note Lanes.  Solo Resolution  Solos Note Lanes.  Solos Note Lanes.  - Stop  Stops the Clip if it's playing or launches it otherwise.  Shift  Stop  Stops the Clip immediately if it's playing or launches it immediately with legato otherwise.  Shift  Mute  Unmutes all Note Lanes.  - Octave Down/Up  Scrolls the Scale down or up by 1 Octave unless the Chromatic scale is selected in which case scrolls the Scale down or up by 8 Semitones.	-		and Scale > adjusts the Scale Type. Capture captures
Resolution  Delete Resolution  Deletes Note Lanes.  Quantize Resolution  Quantizes Notes Lanes.  Mute Resolution  Resolution  Mutes Note Lanes.  Solo Resolution  Solos Note Lanes.  Stop Stops the Clip if it's playing or launches it otherwise.  Stop Stops the Clip immediately if it's playing or launches it immediately with legato otherwise.  Shift  Mute  Unmutes all Note Lanes.  Cotave Down/Up  Scrolls the Scale down or up by 1 Octave unless the Chromatic scale is selected in which case scrolls the Scale down or up by 8 Semitones.	-	Track Selection w/Accent On	Selects Velocity to use when adding Notes.
Resolution  Delete Resolution  Deletes Note Lanes.  Quantize Resolution  Quantizes Notes Lanes.  Mute Resolution  Resolution  Mutes Note Lanes.  Solo Resolution  Solos Note Lanes.  Stop Stops the Clip if it's playing or launches it otherwise.  Stop Stops the Clip immediately if it's playing or launches it immediately with legato otherwise.  Shift  Mute  Unmutes all Note Lanes.  Cotave Down/Up  Scrolls the Scale down or up by 1 Octave unless the Chromatic scale is selected in which case scrolls the Scale down or up by 8 Semitones.			
Delete Resolution Deletes Note Lanes.  Quantize Resolution Quantizes Notes Lanes.  Mute Resolution Mutes Note Lanes.  Solos Note Lanes.  - Stop Stops the Clip if it's playing or launches it otherwise.  Shift Stop Stops the Clip immediately if it's playing or launches it immediately with legato otherwise.  Shift Mute Unmutes all Note Lanes.  - Octave Down/Up Scrolls the Scale down or up by 1 Octave unless the Chromatic scale is selected in which case scrolls the Scale down or up by 8 Semitones.	-	Track State	Displays the Clip's playhead.
Delete Resolution Deletes Note Lanes.  Quantize Resolution Quantizes Notes Lanes.  Mute Resolution Mutes Note Lanes.  Solos Note Lanes.  - Stop Stops the Clip if it's playing or launches it otherwise.  Shift Stop Stops the Clip immediately if it's playing or launches it immediately with legato otherwise.  Shift Mute Unmutes all Note Lanes.  - Octave Down/Up Scrolls the Scale down or up by 1 Octave unless the Chromatic scale is selected in which case scrolls the Scale down or up by 8 Semitones.			
Quantize       Resolution       Quantizes Notes Lanes.         Mute       Resolution       Mutes Note Lanes.         Solos Note Lanes.       Solos Note Lanes.         Stop       Stops the Clip if it's playing or launches it otherwise.         Shift       Stop         Stops the Clip immediately if it's playing or launches it immediately with legato otherwise.         Shift       Mute         Unmutes all Note Lanes.         Chromatic scale down or up by 1 Octave unless the Chromatic scale is selected in which case scrolls the Scale down or up by 8 Semitones.	-		Selects the Resolution to use for sequencing.
Mute Resolution Mutes Note Lanes.  Solos Note Lanes.  Stop Stops the Clip if it's playing or launches it otherwise.  Stop Stops the Clip immediately if it's playing or launches it immediately with legato otherwise.  Shift Mute Unmutes all Note Lanes.  Unmutes all Note Lanes.  Chromatic scale is selected in which case scrolls the Scale down or up by 8 Semitones.	Delete		Deletes Note Lanes.
Solos Note Lanes.  Stop Stops the Clip if it's playing or launches it otherwise.  Shift Stop Stops the Clip immediately if it's playing or launches it immediately with legato otherwise.  Shift Mute Unmutes all Note Lanes.  Chromatic scale down or up by 1 Octave unless the Chromatic scale is selected in which case scrolls the Scale down or up by 8 Semitones.	Quantize		Quantizes Notes Lanes.
Stop Stops the Clip if it's playing or launches it otherwise.  Shift Stop Stops the Clip immediately if it's playing or launches it immediately with legato otherwise.  Shift Mute Unmutes all Note Lanes.  - Octave Down/Up Scrolls the Scale down or up by 1 Octave unless the Chromatic scale is selected in which case scrolls the Scale down or up by 8 Semitones.			Mutes Note Lanes.
Shift  Stop  Stops the Clip immediately if it's playing or launches it immediately with legato otherwise.  Shift  Mute  Unmutes all Note Lanes.  Chromatic scale down or up by 1 Octave unless the Chromatic scale is selected in which case scrolls the Scale down or up by 8 Semitones.	<i>S010</i>	Resolution	Solos Note Lanes.
Shift  Stop  Stops the Clip immediately if it's playing or launches it immediately with legato otherwise.  Shift  Mute  Unmutes all Note Lanes.  Chromatic scale down or up by 1 Octave unless the Chromatic scale is selected in which case scrolls the Scale down or up by 8 Semitones.			
immediately with legato otherwise.  Shift  Unmutes all Note Lanes.  Chromatic scale down or up by 1 Octave unless the Chromatic scale is selected in which case scrolls the Scale down or up by 8 Semitones.	-	Stop	Stops the Clip if it's playing or launches it otherwise.
- Octave Down/Up  Scrolls the Scale down or up by 1 Octave unless the Chromatic scale is selected in which case scrolls the Scale down or up by 8 Semitones.	Shift	Stop	
- Octave Down/Up  Scrolls the Scale down or up by 1 Octave unless the Chromatic scale is selected in which case scrolls the Scale down or up by 8 Semitones.	chif+	Muto	
Chromatic scale is selected in which case scrolls the Scale down or up by 8 Semitones.	SHITT	Mule	Unmutes all Note Lanes.
Shift Octave Down/Up Scrolls the Scale down or up by 1 Semitone.	-	Octave Down/Up	Chromatic scale is selected in which case scrolls the
	Shift	Octave Down/Up	Scrolls the Scale down or up by 1 Semitone.

<i>Delete</i>	Select	Deletes the Clip.
Quantize	Select	Quantizes the Clip.

### 2.1b Mono Sequence Sub-Mode

2.10 Mono Seq	uence Sub-Mode	
<b>MODIFIER(S)</b>	CONTROL	FUNCTION
-	Matrix w/Repeat Off	Upper half adds/removes Notes. Lower half plays assigned Notes.
<i>Delete</i>	Matrix w/Repeat Off	Lower half deletes Note Lanes (if the Clip is not playing) or erases the portion of the Note Lane that the playhead is currently passing over (if the Clip is playing).
Quantize	Matrix w/Repeat Off	Lower half quantizes Note Lanes.
Mute	Matrix w/Repeat Off	Upper half mutes individual Notes. Lower half mutes Note Lanes.
So10	Matrix w/Repeat Off	Lower half solos Note Lanes.
Select	Matrix w/Repeat Off	Upper half selects Notes or ranges. Lower half selects the Note Lane for the upper half to edit.
Select + Shift	Matrix w/Repeat Off	Upper half selects Notes individually.
-	Matrix w/Repeat On	Upper half selects Edit Position. Lower half selects Loop Position.
Shift	Matrix w/Repeat On	Upper half selects Edit Position and Loop Position.
Delete	Matrix w/Repeat On	Upper half deletes all of the Notes in the associated Edit Position or Edit Position Range.
-	Track Selection w/Scales and Accent Off	Loop toggles the Clip's Loop on/off. Shift + Loop will reset the Clip's Loop. Automat toggles Per-Step Automation of parameters. Lock will lock to/unlock from the Clip.
-	Track Selection w/Scales On	<pre><root and="" root=""> adjusts the Scale's Root Note. <scale and="" scale=""> adjusts the Scale Type.</scale></root></pre>
	Track Selection w/Accent On	Selects Velocity to use when adding Notes and toggles Full Velocity for the lower half of the Matrix.
	Track State	Displays a vigual matronoma
-	Truck State	Displays a visual metronome.
-	Resolution	Selects the Resolution to use for sequencing.
-	Stop	Stops the Clip if it's playing or launches it otherwise.
Shift	Stop	Stops the Clip immediately if it's playing or launches it immediately with legato otherwise.
Shift	Mute	IVto all Note I area
SITTE	Muce	Unmutes all Note Lanes.
-	Octave Down/Up	Scrolls the Scale down or up by 1 Octave.
Shift	Octave Down/Up	Scrolls the Scale down or up by 1 Semitone.
D = 7 = + =	C-1	
Delete	Select	Deletes the Clip.
Quantize	Select	Quantizes the Clip.

2.1c Capture Sub-Mode

2.10 Captule Sub-Wlode		
<b>MODIFIER(S)</b>	CONTROL	FUNCTION
-	Matrix	Plays assigned Notes.
Delete	Matrix	Deletes entire Note Lanes (if the Clip is not playing) or erases the portion of the Note Lane that the playhead is currently passing over (if the Clip is playing).
Quantize	Matrix	Quantizes entire Note Lanes.
Mute	Matrix	Mutes entire Note Lanes.
5010	Matrix	Solos entire Note Lanes.
-	Track Selection	Capture will capture Notes from a Clip and assign them to the Matrix. DrumRack with assign the Matrix to Notes suitable for playing Drum Racks.
	Track State	
-	Track State	Displays a visual metronome.
	Resolution	Selects the Note Repeat Rate when Repeat is on.
-	RESOTUCION	Selects the Note Repeat Rate when Repeat is on.
_	Stop	Stops the Clip if it's playing or launches it otherwise.
Shift	Stop	Stops the Clip immediately if it's playing or launches it immediately with legato otherwise.
Shift	Mute	Unmutes all Note Lanes.
-	Repeat	Toggles Note Repeat.
-	Accent	Toggles Full Velocity for the Matrix.
-	Octave Down/Up	Scrolls the assigned Notes down or up by 1 Octave.
Shift	Octave Down/Up	Scrolls the assigned Notes down or up by 1 Semitone.
_		
Delete	Select	Deletes the Clip.
Quantize	Select	Quantizes the Clip.

2.2 Clip Play Mode

<b>MODIFIER(S)</b>	CONTROL	FUNCTION
-	Add Effect	Selects the Poly Sub-Mode.
-	Add Track	Selects the Mono Sub-Mode.

### 2.2a Poly Sub-Mode

2.2a Poly Sub-	2.2a Poly Sub-Mode			
<b>MODIFIER(S)</b>	CONTROL	FUNCTION		
-	Matrix	By default, each column will be assigned to Clip Chopping. Press Add Effect to switch between Clip Chopping and Clip Loop Control.		
Shift	Matrix	Launches Clips in Live outlined by the grid selector.		
Shift + Select	Matrix	Selects Clips in Live outlined by the grid selector.		
Shift + Delete	Matrix	Deletes Clips in Live outlined by the grid selector.		
-	Track Selection w/Select Off	Toggles the corresponding Clip's Loop on/off.		
Shift	Track Selection w/Select Off	Resets the corresponding Clip's Loop.		
-	Track Selection w/Select On	When pressed quickly, selects the corresponding Track or toggles the Arm state of the Track if the Track is selected. When held down, folds or unfolds the corresponding Track (if it is a group Track).		
Shift	Track Selection w/Select On	Selects the corresponding Track as well as the Clip playing on the Track.		
_				
Delete	Track Selection	Deletes the corresponding Clip		
Quantize	Track Selection	Quantizes the corresponding Clip.		
-	Track State w/Stop, Mute and Solo Off	Displays a visual metronome.		
-	Track State w/Stop On	Stops the corresponding Clip if it's playing or launches it otherwise.		
Shift	Track State w/Stop On	Stops the corresponding Clip immediately if it's playing or launches it immediately with legato otherwise.		
-	Track State w/Mute On	When pressed quickly, toggles the Mute state of the corresponding Track. When held down, momentarily toggles the Mute state of the corresponding Track.		
-	Track State w/Solo On	When pressed quickly, toggles the Solo state of the corresponding Track. When held down, momentarily toggles the Solo state of the corresponding Track. This will obey your settings in Preferences for exclusive Solo.		
Shift	Track State w/Solo On	Same as above, but will do the opposite of your settings in Preferences for exclusive Solo.		
-	Resolution	Selects the Quantization to use for launching/re-launching Clips.		

Shift	Resolution	Launches Scenes in Live outlined by the grid selector.
Shift + Select	Resolution	Selects Scenes in Live outlined by the grid selector.
Shift + Delete	Resolution	Deletes Scenes in Live outlined by the grid selector.
Shift	Stop	Stops all Clips.

#### 2.2b Mono Sub-Mode

<b>2.2b Mono Sub</b>	2.2b Mono Sub-Mode		
<b>MODIFIER(S)</b>	CONTROL	FUNCTION	
-	Matrix	By default, the upper half will be assigned to Clip Chopping while the lower half will be assigned to Clip Loop Control. The Matrix can also be assigned to Chromatic Clip Play, which allows you to play the Clip chromatically, via one of the Track Selection buttons.	
Select	Matrix w/Chop/Loop Selected	Upper half selects Steps for automation.	
Select	Matrix w/Chromatic Selected	Sets the Clip's Transposition without launching it.	
		, and a second s	
-	Track Selection	Loop toggles the Clip's Loop on/off. Shift + Loop will reset the Clip's Loop. Automat toggles Per-Step Automation of parameters. Lock will lock to/unlock from the Clip. Chromatic will assign the Matrix to Chromatic Clip Play. Chop/Loop will assign the Matrix back to its default functionality. Legato enables/disables Legato Clip launching.	
	Track State	D' 1 · 1 ·	
-	Track State	Displays a visual metronome.	
-	Resolution	Selects the Quantization to use for launching/re-launching Clips.	
-	Stop	Stops the Clip if it's playing or launches it otherwise.	
Shift	Stop	Stops the Clip immediately if it's playing or launches it immediately with legato otherwise.	
	Marka		
-	Mute	When pressed quickly, toggles the Mute state of the Track. When held down, momentarily toggles the Mute state of the Track.	
	0.1.		
-	Solo	When pressed quickly, toggles the Solo state of the Track. When held down, momentarily toggles the Solo state of the Track. This will obey your settings in Preferences for exclusive Solo.	
Shift	Solo	Same as above, but will do the opposite of your settings in Preferences for exclusive Solo.	
	Calact		
_	Select	When pressed quickly, selects the Track or toggles the Arm state of the Track if the Track is selected. When held down, folds or unfolds the Track (if it is a group Track).	
Shift	Select	Selects the Track and the Clip playing on the Track.	
Delete	Select	Deletes the Clip.	
Quantize	Select	Quantizes the Clip.	

## 2.3 Accessory Mode

<b>MODIFIER(S)</b>	CONTROL	FUNCTION
-	Matrix	Launches Clips in Live outlined by the grid selector.
Select	Matrix	Selects Clips in Live outlined by the grid selector.
<i>Delete</i>	Matrix	Deletes Clips in Live outlined by the grid selector.
-	Track Selection	Triggers ClyphX Action Lists.
Select	Track Selection	Selects pages of colors to use for assigning colors to Clips.
-	Track State	Triggers ClyphX Action Lists.
Select	Track State	Assigns the associated color to the selected Clip.
-	Resolution	Launches Scenes in Live outlined by the grid selector.
Select	Resolution	Selects Scenes in Live outlined by the grid selector.
<i>Delete</i>	Resolution	Deletes Scenes in Live outlined by the grid selector.

# 3 ENCODER MODES

### 3.1 Global Mode

<b>MODIFIER(S)</b>	CONTROL	FUNCTION
-	In	Toggles Punch In.
-	Out	Toggles Punch Out.

<b>MODIFIER(S)</b>	CONTROL	FUNCTION
-	Encoder 1	Rewinds/fastforwards by 1 Bar.
Shift	Encoder 1	Rewinds/fastforwards by 1 Beat.
-	Encoder 2	Navigates between Arrangement Locators.
Shift	Encoder 2	Adds a Locator at the current position or deletes the Locator at the current position if one exists.
-	Encoder 3	Adjusts Arrangement Loop Start by 1 Bar.
Shift	Encoder 3	Adjusts Arrangement Loop Start by 1 Beat.
-	Encoder 4	Adjusts Arrangement Loop Length by 1 Bar.
Shift	Encoder 4	Adjusts Arrangement Loop Length by 1 Beat.
-	Encoder 5	Turns Arrangement Loop on/off.
~	Encoder 6	Zooms horizontally in Arrangement View or navigates Tracks in Session View.
-	Encoder 7	Zooms the selected Track vertically in Arrangement View or navigates Scenes in Session View.
Shift	Encoder 7	Zooms all Tracks vertically in Arrangement View.
-	Encoder 8	Adjusts Global Groove Amount.

3.2 Drum Rack Mode

<b>MODIFIER(S)</b>	CONTROL	FUNCTION
Shift	Pan & Send	Locks to/unlocks from the currently selected Track.
Delete	Pan & Send	Deletes the Drum Rack.
-	In	Toggles the selected Drum Rack Pad's Mute switch if pressed quickly or momentarily toggles the Mute switch if held down.
Shift	In	Unmutes all Drum Rack Pads.
-	Out	Toggles the selected Drum Rack Pad's Solo switch if pressed quickly or momentarily toggles the Solo switch if held down.
Shift	Out	Unsolos all Drum Rack Pads.

<b>MODIFIER(S)</b>	CONTROL	FUNCTION
-	Encoder 1	Adjusts selected Drum Rack Pad Volume.
-	Encoder 2	Adjusts selected Drum Rack Pad Panning.
-	Encoders 3 - 7	Adjusts selected Drum Rack Sends A – E respectively.
Shift	Encoders 1 - 7	Resets the value of the parameter being controlled.
Delete	Encoders 1 - 7	Clears automation recorded for the parameter being controlled.
-	Encoder 8	Scrolls between Drum Rack Pads by 1.
Shift	Encoder 8	Scrolls between Drum Rack Pads by 16.

3.3 Track Mode

<b>MODIFIER(S)</b>	CONTROL	FUNCTION
Shift	Track	Locks to/unlocks from the currently selected Track.
Delete	Track	Deletes the Track.
-	In	Selects the Default Sub-Mode.
-	Out	Selects the I/O Sub-Mode.

3.3a Default Sub-Mode

<b>MODIFIER(S)</b>	CONTROL	FUNCTION
-	Encoder 1	Adjusts Track Volume.
-	Encoder 2	Adjusts Track Panning.
-	Encoders 3 - 7	Adjusts Track Sends A – E respectively.
Shift	Encoders 1 - 7	Resets the value of the parameter being controlled.
Delete	Encoders 1 - 7	Clears automation recorded for the parameter being controlled.
-	Encoder 8	

### 3.3b I/O Sub-Mode

<b>MODIFIER(S)</b>	CONTROL	FUNCTION
-	Encoder 1	Adjusts Track Input Routing.
-	Encoder 2	Adjusts Track Input Sub-Routing.
-	Encoder 3	Adjusts Track Output Routing.
-	Encoder 4	Adjusts Track Output Sub-Routing.
-	Encoder 5	Adjusts Track Monitoring State.
-	Encoder 6	Adjusts Track Crossfade Assignment.
-	Encoders 7 - 8	-

3.4 Clip Mode

<b>MODIFIER(S)</b>	CONTROL	FUNCTION
Shift	Clip	Locks to/unlocks from the currently selected Clip.
<i>Delete</i>	Clip	Deletes the Clip.
-	In	Selects the Default Sub-Mode.
-	Out	Selects the Note Edit Sub-Mode.

### 3.4a Default Sub-Mode

<b>MODIFIER(S)</b>	CONTROL	FUNCTION
-	Encoder 1	Adjusts Clip Start Marker.
-	Encoder 2	Adjusts Clip End Marker.
-	Encoder 3	Adjusts Clip Loop Start.
-	Encoder 4	Adjusts Clip Loop End.
-	Encoder 5	Adjusts Clip Detune.
-	Encoder 6	Adjusts Clip Transpose.
-	Encoder 7	Adjusts Clip Gain.
-	Encoder 8	Selects Quantization to use when adjusting Start/End
		Markers and Loop Start/End.
Shift	Encoders 1 - 8	Offers coarser adjustment.

#### 3.4b Note Edit Sub-Mode

<b>MODIFIER(S)</b>	CONTROL	FUNCTION
-	Out	Toggles between Event and Range Edit Sub-Modes.
Shift	Out	Adds a new Note Event (in Event Edit) or selects all Note Events (in Range Edit).
Delete	Out	Deletes the selected Note Event(s).

#### 3.4b1 Event Edit Sub-Mode

<b>MODIFIER(S)</b>	CONTROL	FUNCTION
-	Encoder 1	Selects the Note Event to edit.
-	Encoder 2	Adjusts Note Event Pitch.
-	Encoder 3	Adjusts Note Event Position.
-	Encoder 4	Adjusts Note Event Duration.
-	Encoder 5	Adjusts Note Event Velocity.
-	Encoder 6	Adjusts Note Event Mute State.
-	Encoder 7	Selects the way in which Note Events will be sorted.
-	Encoder 8	Selects Quantization to use when adjusting Position and Duration.
Shift	Encoders 1 - 8	Offers coarser adjustment.

#### 3.4b2 Range Edit Sub-Mode

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<b>MODIFIER(S)</b>	CONTROL	FUNCTION	
-	Encoder 1	Selects the starting Pitch.	
-	Encoder 2	Selects the ending Pitch.	
-	Encoder 3	Selects the starting Position.	
-	Encoder 4	Selects the ending Position.	
-	Encoder 5	-	
-	Encoder 6	Selects the Note Event setting that Encoder 7 will adjust.	
-	Encoder 7	Adjusts the selected Note Event setting.	
-	Encoder 8	Selects Quantization to use when adjusting Position and Duration.	
Shift	Encoders 1 - 8	Offers coarser adjustment.	

## 3.5 Device Mode

<b>MODIFIER(S)</b>	CONTROL	FUNCTION
-	Device	Turns the Device on/off.
Shift	Device	Locks to/unlocks from the currently selected Device.
<i>Delete</i>	Device	Deletes the Device.
-	In/Out	If the Device has more than 8 parameters, moves between banks of 8 parameters. If the Device is a rack with chains, moves between the Device's chains.
Shift	In/Out	Navigates between Devices.

<b>MODIFIER(S)</b>	CONTROL	FUNCTION
-	Encoders 1 - 8	Adjusts Device parameter values.
Shift	Encoders 1 - 8	Resets or toggles the value of the parameter being controlled.
Delete	Encoders 1 - 8	Clears automation recorded for the parameter being controlled.

3.6 Learn Mode

<b>MODIFIER(S)</b>	CONTROL	FUNCTION
-	In	Selects Learn A. If already in Learn A, toggles learning for Learn A.
Shift	In	Locks to/unlocks from the currently selected Track.
<i>Delete</i>	In	Deletes the assignments of Learn A.
-	Out	Selects Learn B. If already in Learn B, toggles learning for Learn B.
Shift	Out	Locks to/unlocks from the currently selected Track.
Delete	Out	Deletes the assignments of Learn B.

<b>MODIFIER(S)</b>	CONTROL	FUNCTION
-	Encoders 1 - 8	Adjusts assigned parameter values.
Shift	Encoders 1 - 8	Resets or toggles the value of the parameter being controlled.
Delete	Encoders 1 - 8	Clears automation recorded for the parameter being controlled.

## 3.7 Rename Mode

<b>MODIFIER(S)</b>	CONTROL	FUNCTION
-	In	Backspaces.
Delete	In	Deletes entire name.
-	Out	Inserts character or suggestion.

<b>MODIFIER(S)</b>	CONTROL	FUNCTION
-	Encoders 1 - 2	Navigates between items to rename.
Shift	Encoders 1 - 2	Toggles between types of item to rename.
-	Encoders 3 - 4	Controls the Cursor position.
Shift	Encoders 3 - 4	Resets the Cursor position back to the beginning of
		the name.
-	Encoders 5 - 6	Navigates between suggestions.
Shift	Encoders 5 - 6	Toggles between the suggestion cases.
-	Encoders 7 - 8	Navigates between characters.
Shift	Encoders 7 - 8	Toggles between character types.