



# Nucleus

Live Profile User Guide

**Nucleus.** This is SSL.

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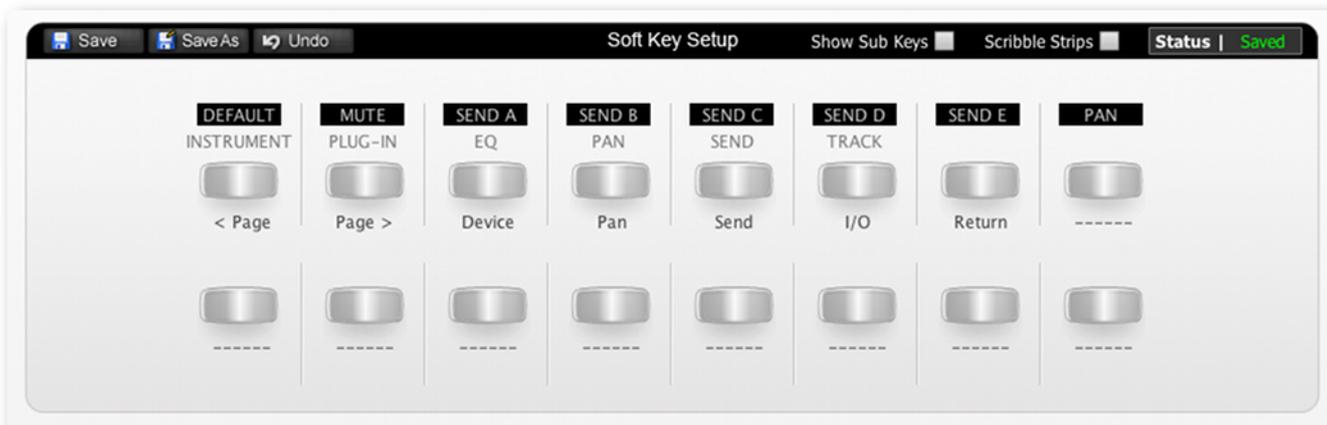


# Nucleus Daw Control - Default Live Profile

## INTRODUCTION

Two different Nucleus Control Profiles are included. One is for Live on the PC and the other for running Live on the Macintosh platform. Please select the profile applicable to your host workstation.

## Main Soft Key Pages



Above you can see the assignments for the Nucleus' Left Hand Soft keys.

**< Page** Pages left when there are more than 16 parameters mapped out across the V-Pots.

**Page >** Pages right when there are more than 16 parameters mapped out across the V-Pots.

**Device** Brings up a list of the devices and plugins inserted on the selected channel. These can then be selected with the V-Pot buttons and the parameters of that device/plugin are then mapped across the V-Pots for editing.

**Pan** Assigns V-Pots to pan controls.

**Send** Assigns V-Pots to send levels for selected track.

**I/O** Assigns the V-Pots to control channel input and output assignment. Repressing cycles through Input type, Input channel, output type and output channel.

**Return** Assigns faders, Sel, Solo & Cut buttons and V-Pots to Return channels.



Above are the default assignments for the **User 1** Key sets.

The top row of the main soft keys page contains 2 switches and 6 menu selections to access additional commands.

These commands are:

- Arr/SS** toggles between the **Arrangement View** and the **Session View**.
- FX/Mid** toggles between track (devices and plugins) and clip view (midi pianoroll and sample view).
- NAMES** opens the **Names** sub menu.
- QUANT** opens the **Quantization** sub menu.
- TRACKS** opens the **Tracks** sub menu.
- EDIT** opens the **Edit** sub menu.
- Views** opens the **Views** sub menu.
- Browse** show/hides the **Browser** sub menu.

The lower row of the main soft key page contains five Live dedicated functions:

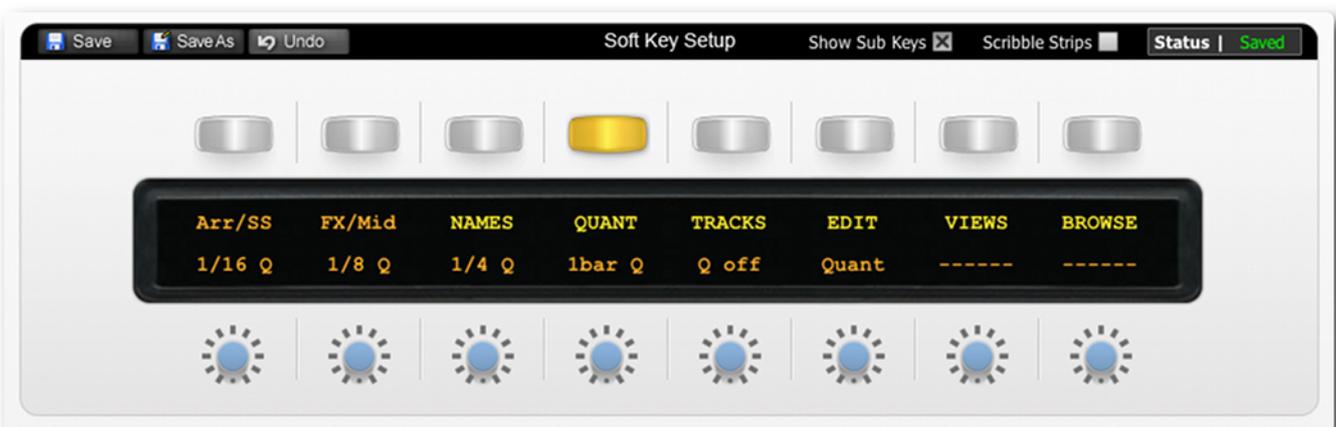
- BTA** (Back to Arrangement) stops clips in **Session View** from playing differently to how they were recorded into the Arrangement and returns to playing the Arrangement. The LED will illuminate if there is an Arrangement state available to return to.
- Marker** creates a new Marker at the current play position.
- Draw** enables/disables **Draw Mode**.
- Follow** toggles the waveform scrolling **Follow** mode.
- Zoom +/-** Zooms in and out of the Arrangement page
- Prefs** opens the **Preferences** page for Live.
- Plugin** opens and closes **Plugin** window.

## THE NAMES MENU

A simple layer, that allows you to quickly name Tracks. Of course if you so wish you can rename these to something applicable to your compositions.



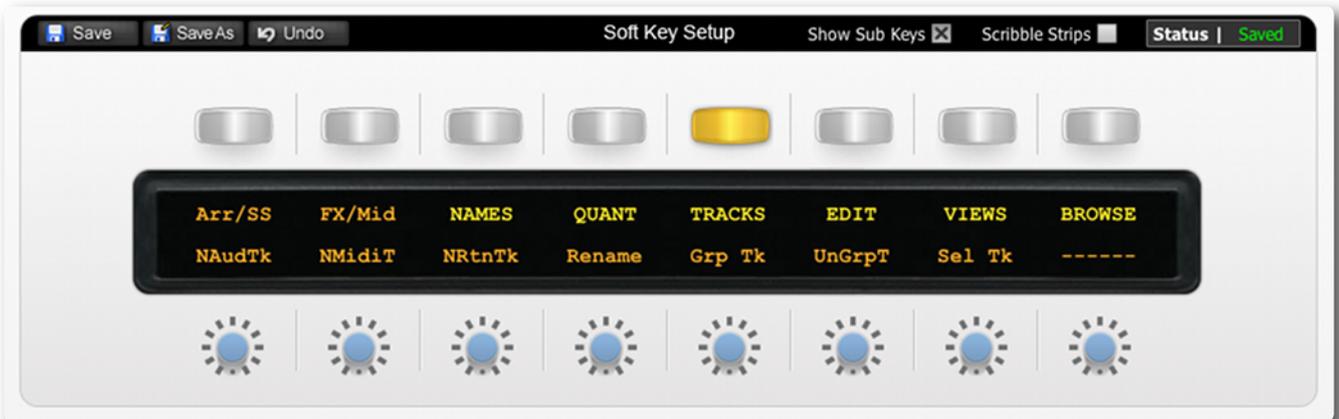
## THE QUANT MENU



Allows you to choose your Quantise value:

- 1/16 Q** sets global Quantisation to 1/16th note.
- 1/8 Q** sets global Quantisation to 1/8th note.
- 1/4 Q** sets global Quantisation to 1/4th note.
- 1bar Q** sets global Quantisation to 1 bar.
- Q off** sets global Quantisation to Off.
- Quant** Quantise.

## THE TRACKS MENU



**NAudTk** creates New Audio Track.

**NMidiT** creates New MIDI Track.

**NRtnTk** creates New Return Track.

**Rename** Rename Track.

**Grp Tk** selects Group Tracks.

**UnGrpT** selects Ungroup Tracks.

**Sel Tk** Selects Track.

## THE EDIT MENU



**Cut** Cut clip.

**Copy** Copy clip.

**Paste** Paste clip.

**Delete** Delete clip.

**Duplicate** Duplicate clip.

**Rename** Rename clip.

**Stop** add/remove Stop button.

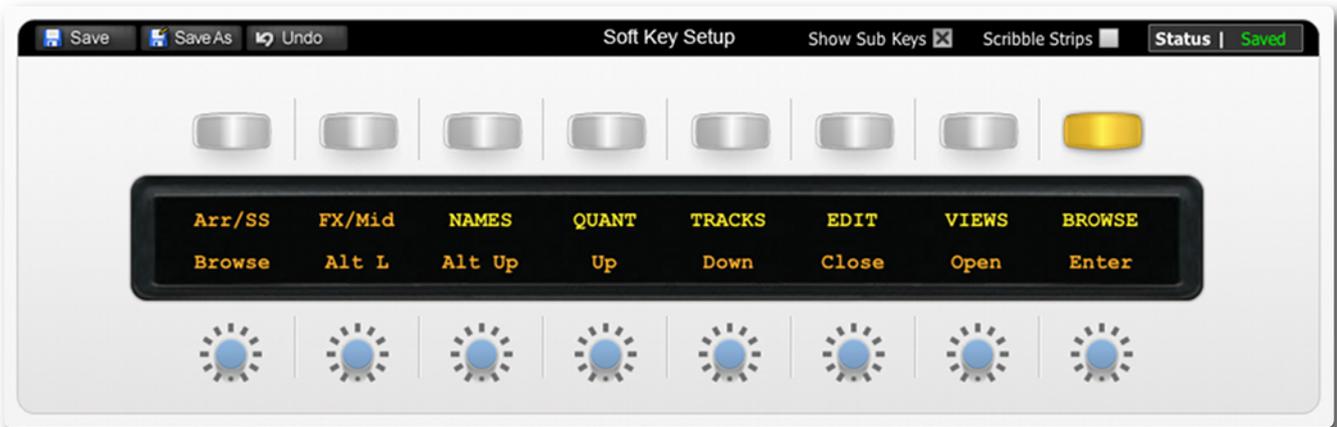
**SelAll** Select All clips.

## THE VIEWS MENU



- Over-W** Clip Overview at the top of Screen.
- In/Out** Input /Output controls.
- Sends** track Send level controls (Session View only).
- Return** Return tracks.
- Mixer** show/hides the Mixer.
- FullSc** toggles Full Screen mode.
- T-view** show/hides the Clip/Track View.
- Info** show/hides the Info view.

## THE BROWSE MENU



**Browse** hide/show Browser view.

**ALT L** keyboard shortcut **Alt L**, used to move left to put cursor in browser window without using the mouse.

**ALT Up** keyboard shortcut **Alt Up**, used to move up to put cursor in browser window without using the mouse.

**Up** move **Up** the menu.

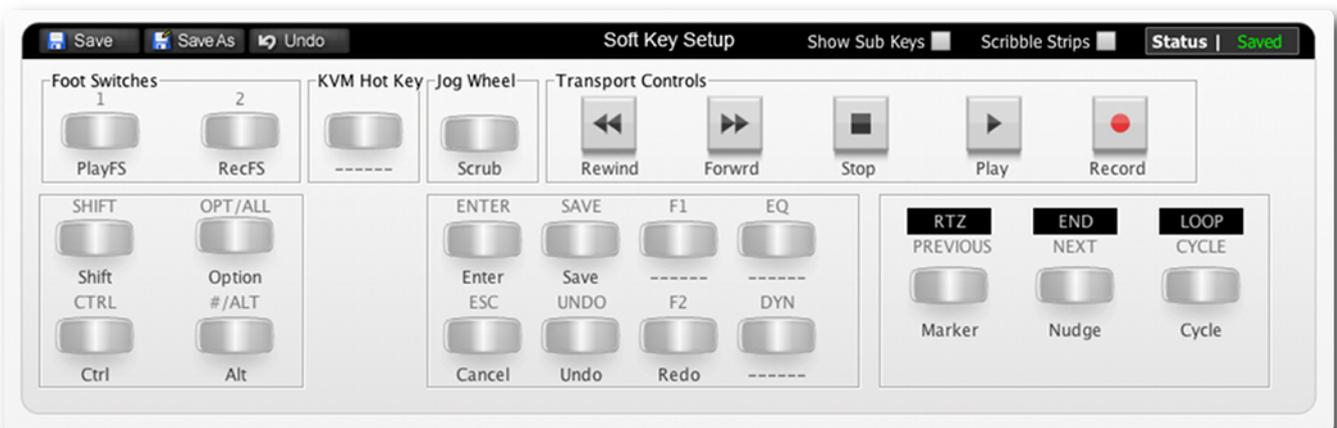
**Down** move **Down** the menu.

**Close** Close a highlighted folder.

**Open** Open a highlighted folder.

**Enter** loads the selected item.

## TRANSPORT/UTILITY KEYS



Above is the default layout for the Nucleus' transport section within Live.

Although Live supports the MCU protocol, many of the commands perform a different function than the default description shown in the Nucleus Browser **DAW CMDS** pop up. These are detailed in the table opposite:

Live Function	Softkey Label	DAW CMND
n/a	KeybID	Keyboard ID
Input/Output Assignment	I/O	I/O
Pan Control	Pan	PAN
Pages Left	← Page	PAGE LEFT
Send Levels	Send	SEND
Devices and Plug Ins	Device	DEVICE
Pages Right	Page →	PAGE RIGHT
Flip	Flip	FLIP
Accesses Return Channels	Return	RETURN
	Meter	METER
	SMPTE	SMPTE/BEATS
	F1	F1
	F2	F2
	F3	F3
	F4	F4
	F5	F5
	F6	F6
	F7	F7
	F8	F8
	F9	F9
	F10	F10
	F11	F11
	F12	F12
	F13	F13
	F14	F14
	F15	F15
	F16	F16
	Shift	SHIFT
	Option	OPTION
	CTRL	CONTROL
	Alt	AltALT
Arrangement/ Session view	Arr/ss	ARR/SS
Toggle Track/Clip View	Tk/Clp	TRACK CLIP
Show/hide Browser	Browse	BROWSER
	Detail	DETAIL
Undo	Undo	UNDO
Back to Arrangement	BTA	BTA
Switch to Draw mode	Draw	DRAW
Redo	Redo	REDO
	Locatr	LOCATR
	Follow	FOLLOW
Add new Marker	Marker	MARKER
Nudge	Nudge	NUDGE

Cycle	Cycle	CYCLE
Punch In	PnchIn	PUNCH IN
Punch Out	PnchOt	PUNCH OUT
The Beginning...	Home	HOME
...the End	End	END
Forward - Transport	Forwrđ	FORWARD
Rewind - Transport	Rewind	REWIND
Stop - Transport	Stop	STOP
Play - Transport	Play	PLAY
record - Transport	Record	RECORD
	VSEL 1	V-SEL 1
	VSEL 2	V-SEL 2
	VSEL 3	V-SEL 3
	VSEL 4	V-SEL 4
	VSEL 5	V-SEL 5
	VSEL 6	V-SEL 6
	VSEL 7	V-SEL 7
	VSEL 8	V-SEL 8
Play via Footswitch	Play FS	PLAY FOOT SWITCH
Record via Footswitch	Play FS	RECORD FOOT SWITCH
Scrub	Scrub	SCRUB

Once a command has been assigned to a Soft Key, it can be renamed via the Browser if you so wish.

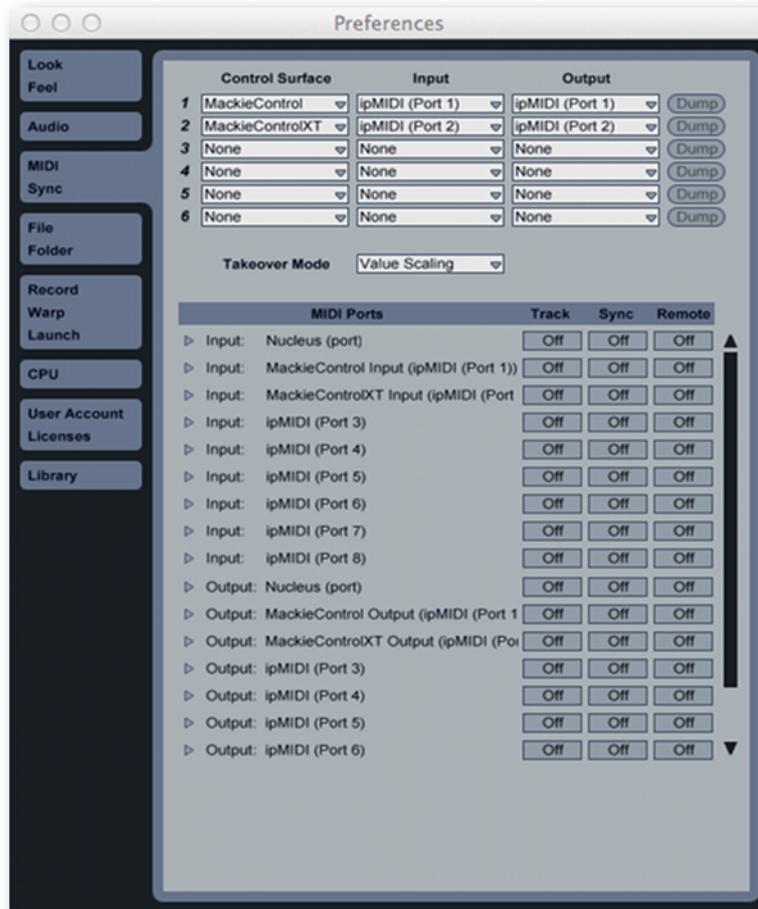
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*Additional useful information for controlling Live from Nucleus can be found in the Live User Manual in the MIDI and Key Remote Control section, which details MCU operation and general MIDI control, as well as in the Live Keyboard Shortcuts section.*

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## Configuring Live for Nucleus Control

In the Live Preferences menu, the MIDI SYNC tab should be as below:



In the example above, Live will be controlled from Nucleus DAW Layer 1. Substitute the appropriate MIDI ports if Live is required on a different Nucleus layer.

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