

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

| 📑 Save 📓 Save As 😰 Undo | Soft Key Setup | Show Sub Keys 📕 Scribble | Strips Status Saved |
|---|--------------------------------------|--------------------------|-----------------------|
| DEFAULT MUTE SENIO INSTRUMENT PLUG-IN EC | SEND B SEND C PAN SEND | SEND D SEND E | PAN |
| < Page Page > Dev | ice Pan Send | I/O Return | |
| | | | |
| | | | |

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

Pages 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.

🔚 Save 🛛 👫 Save As 🖌 Undo Soft Key Setup Show Sub Keys 📕 Scribble Strips Status | Arr/SS FX/Mid NAMES QUANT TRACKS EDIT VIEWS BROWSE BTA Locatr Draw Follow Zoom + Zoom -Prefs Plugin

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 com | mands 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 r | ow 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.

| 🔚 Save 🛛 👫 | Save As 🖌 Ur | ndo | | Soft Ke | ey Setup | Show Sub Key | ys 🗶 Scribbl | e Strips 📃 | Status Saved |
|------------|-----------------|----------------|----------------|----------------|------------------|--------------|--------------|-----------------|----------------|
| | | | | | | | | | |
| | Arr/SS Drums | FX/Mid Bass | NAMES Synth | QUANT Vocal | TRACKS String | EDIT | VIEWS Pad | BROWSE Noise | |
| | | | | | | | | | |

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.

| HE TRA | ICKS MENU |
|--------|---|
| 🔒 Sav | ive 📓 Save As 😰 Undo Soft Key Setup Show Sub Keys 🔀 Scribble Strips 📕 Sta |
| | |
| | Arr/SS FX/Mid NAMES QUANT TRACKS EDIT VIEWS BROWSE NAudTk NMidiT NRtnTk Rename Grp Tk UnGrpT Sel Tk |
| | |
| AudTk | creates New Audio Track. |
| MidiT | creates New MIDI Track. |
| RtnTk | creates New Return Track. |
| ename | Rename Track. |
| rp Tk | selects Group Tracks. |
| nGrpT | selects Ungroup Tracks. |
| el Tk | Selects Track. |

THE EDIT MENU

| 📙 Save | e 📓 Save As 😝 Undo | Soft Key Set | IP Show Sub Keys 🔀 | Scribble Strips Status Sa | ved |
|-----------|--------------------------------|-----------------------------------|-------------------------------|-----------------------------|-----|
| | | | | | |
| | Arr/SS FX/Mid Cut Copy | NAMES QUANT TR Paste Delete Du | ACKS EDIT V. plic Rename S | IEWS BROWSE Stop SelAll | |
| | | <u>.</u> | | | |
| Cut | Cut clip. | | | | |
| Сору | Copy clip. | | | | |
| Paste | Paste clip. | | | | |
| Delete | Delete clip. | | | | |
| Duplicate | Duplicate clip. | | | | |
| Rename | Rename clip. | | | | |
| Stop | add/remove Stop button. | | | | |
| SelAll | S elect All clips. | | | | |
| Page 2 | 4 | | | Nucleus Live Profile Gu | Jid |

| Arr/SS FX/Mid NAMES QUANT TRACKS EDIT VIEWS Over-W In/Out Sends Return Mixer FullSc T-view | | | | | |
|--|--------|--|--|--|--|
| Arr/SS FX/Mid NAMES QUANT TRACKS EDIT VIEWS Over-W In/Out Sends Return Mixer FullSc T-view | | | | | |
| | BROWSE | | | | |
| | | | | | |
| Clip Overview at the top of Screen. | | | | | |
| Input /Output controls. | | | | | |
| track Send level controls (Session View only). | | | | | |
| Return tracks. | | | | | |
| show/hides the Mixer . | | | | | |
| toggles Full Screen mode. | | | | | |
| show/hides the Clip/Track View. | | | | | |
| show/hides the Info view. | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

| THE BRO | WSE MENU |
|---------|---|
| 🔒 Sav | e 📓 Save As 😰 Undo Soft Key Setup Show Sub Keys 🖾 Scribble Strips 📕 Status Saved |
| | |
| | Arr/SSFX/MidNAMESQUANTTRACKSEDITVIEWSBROWSEBrowseAlt LAlt UpUpDownCloseOpenEnter |
| | |
| 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

| Foot Switches— | 2 | KVM Hot Key | Jog Wheel | Transport (| Controls | | _ | _ | | |
|----------------|---------|-------------|-----------|-------------|----------|--------|------|----------|--------|-------|
| | | | | | | ** | | • | • | |
| PlayFS | RecFS | | Scrub | Rewind | | Forwrd | Stop | Play | Record | |
| SHIFT | OPT/ALL |] [| ENTER | SAVE | F1 | EQ | | RT7 | END | LOOP |
| | | | | | | | | PREVIOUS | NEXT | CYCLE |
| Shift | Option | | Enter | Save | | | | | | |
| CTRL | #/ALT | | ESC | UNDO | F2 | DYN | | | | |
| | | | | | | | | Marker | Nudge | Cycle |
| Ctrl | Alt | | Cancel | Undo | Redo | | | | | |

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 | 1/0 | 1/0 |
| 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 |
| | | |

Nucleus Live Profile Guide

| Cycle | Cycle | CYCLE |
|-----------------------|---------|--------------------|
| Punch In | Pnchln | PUNCH IN |
| Punch Out | PnchOt | PUNCH OUT |
| The Beginning | Home | HOME |
| the End | End | END |
| Forward - Transport | Forwrd | 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.

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.

Configuring Live for Nucleus Control

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

| 000 | Pr | eferences | | | |
|--|---|---|---|---|--|
| Look Feel 1 Audio 2 3 MIDI 3 Sync 5 File Folder Record | Control Surface MackieControl MackieControlXT MackieControlXT None None None Takeover Mode | Input (pMIDI (Port 1) v (pMIDI (Port 2) v None v None v None v None v Value Scaling v | Out ipMIDI (Po ipMIDI (Po None None None | put (t 1) v v v v v | Dump Dump Dump Dump Dump Dump |
| Launch D CPU D User Account Licenses D | Input: Nucleus (poi Input: MackieContr Input: MackieContr Input: ipMIDI (Port Input: ipMIDI (Port | rt) rol Input (ipMIDI (Port 1 roDCT Input (ipMIDI (Por 3) 4) | no no no ((no ((no ((no ((| 100 m0 m | 00 100 100 100 100 |
| | Input: IpMIDI (Port Input: IpMIDI (Port Input: IpMIDI (Port Input: IpMIDI (Port Output: Nucleus (por Output: MackieContr | 5) 6) 7) 8) 1) 10 Output (ipMIDI (Port | | | |
| | Output: MackieContr Output: ipMIDI (Port Output: ipMIDI (Port Output: ipMIDI (Port Output: ipMIDI (Port | olXT Output (ipMIDI (P 3) 4) 5) 6) | 10 10 10 10 10 10 10 10 10 10 10 10 10 1 | 110 110 110 110 | ▼ 110 |
| | | | | | |

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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