

Pro Tools Standard Matrix Profile

Setup and Quick Start Guide



Introduction

The first part of this tutorial details how to setup Pro Tools with your SSL Matrix. The second part details the commands assigned to this profile.

This tutorial assumes that you have already installed all the necessary Matrix related software on your computer and that there is both a working network and USB connection from your DAW computer to the Matrix. If you have yet to configure this part of your system please refer to the **Matrix 2 Owner's Manual** before continuing.

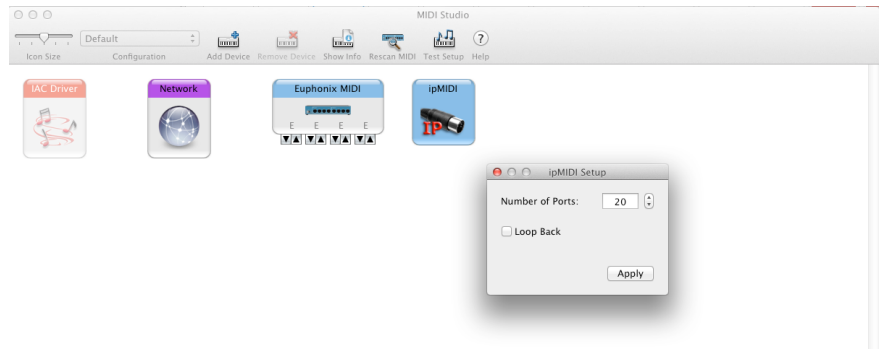
Installing the profile

The Pro Tools Standard profile is automatically installed when you update your Matrix console software to **V2.0/6**. In addition, it is recommended that you have the latest version of the Matrix remote application installed. Go to the SSL website › Matrix Product page › **Downloads** to make sure you are up-to-date.

ipMIDI Setup

Apple Macintosh OSX

- 1) Close all applications using MIDI
- 2) Open AudioMidi Setup
(MacintoshHD > Applications > Utilities > Audio MIDI Setup)
- 3) Open the MIDI Window (Audio MIDI Setup > Window > Show MIDI Window)
- 4) Double click the ipMIDI icon
- 5) Set number of ports to 9 and ensure that 'Loopback' is **not ticked** and then press 'Apply'



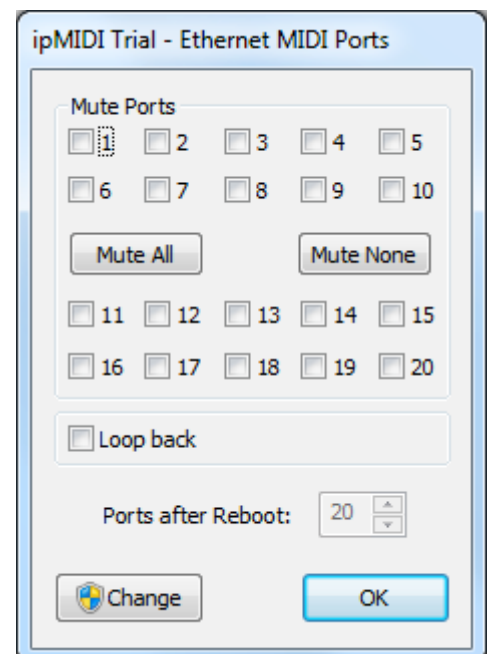
OR

Microsoft Windows OS

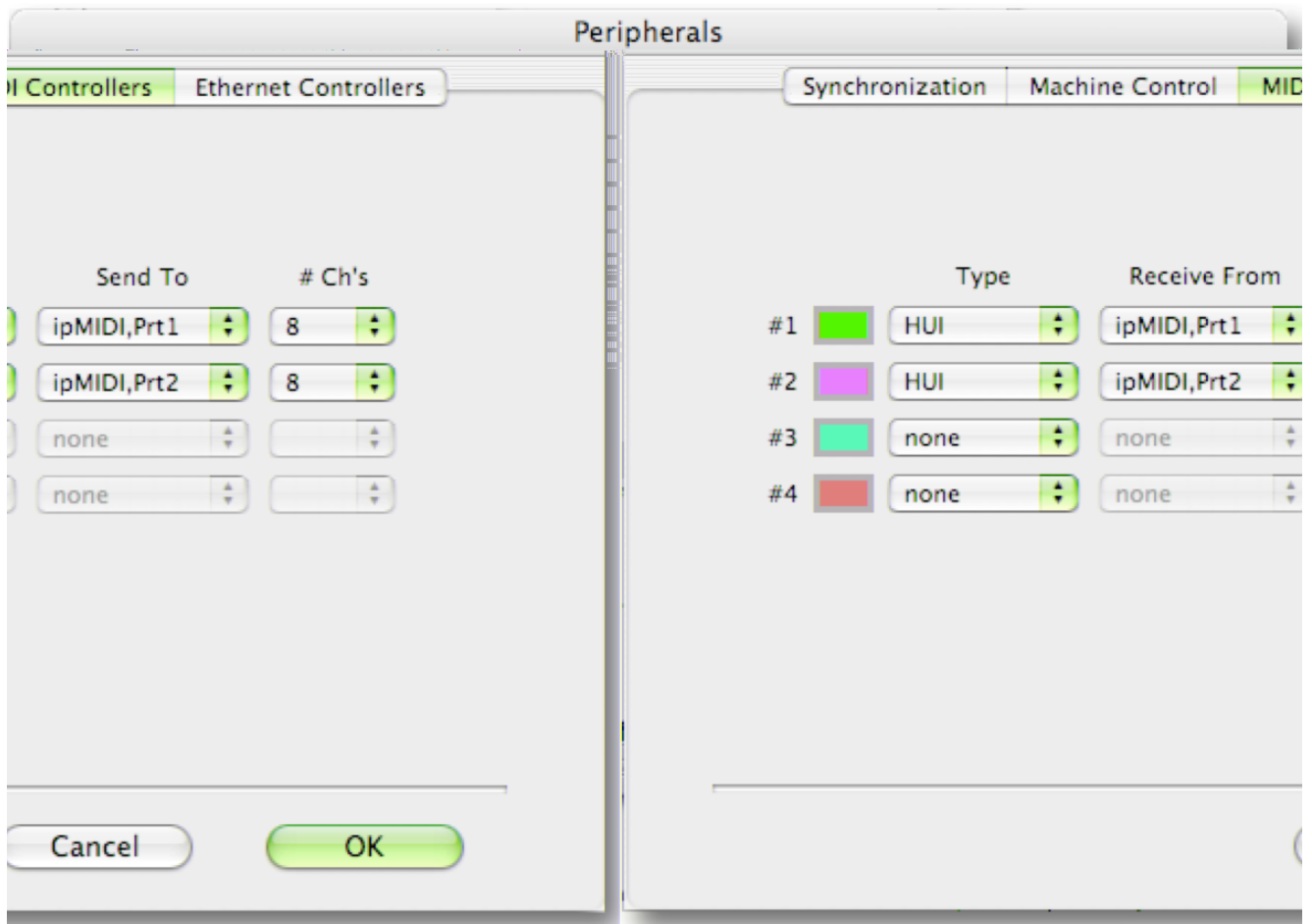
This setup information covers Windows XP, Vista and Windows 7 and 8 (32+64-bit)

- 1) Launch the ipMIDI Monitor application (Start > Menu > Programs > ipMIDI)
- 2) Ensure Ports 1 to 9 are not muted
- 3) Un-tick 'Loop Back'
- 4) Set 'Ports after Reboot' to 9 and ensure that 'Loopback' is **not ticked** and then press 'OK'

Note: If you are opening up Ports for the first time, after Rebooting your computer, these will be 'muted'. Be sure to open ipMIDI back up and untick the muted Ports



Setting up Pro Tools



Device Setup

Control surfaces are configured in the **Setup > Peripherals... > MIDI Controllers** menu. In this example we will setup Pro Tools for operation on DAW layer 1 of Matrix.

- 1) Setup the first HUI controller row to 'Receive From' and 'Send To' on ipMIDI Port 1, with '#Ch's' set to 8.
- 2) Setup the second HUI controller row to 'Receive From' and 'Send To' on ipMIDI Port 2, with '#Ch's' set to 8.

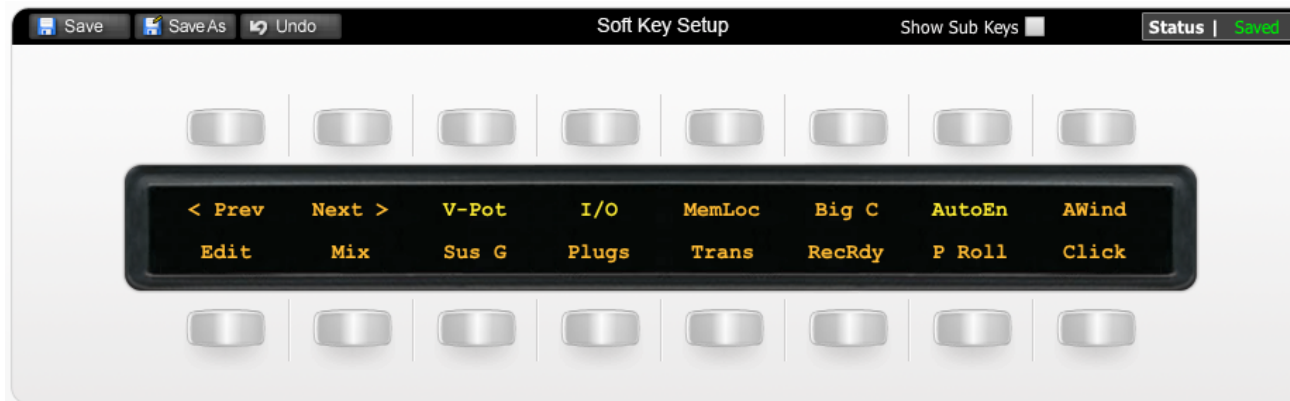
A note on Numeric Keypad Setup

Make sure that in Pro Tools **Preferences > Operation**, the Numeric Keypad is set to '**Transport**', as some of the shortcuts assigned to Matrix only work in this mode.

Matrix Setup

Go to the Matrix Remote application and ensure the selected profile for DAW 1 is '**Pro Tools Standard**'.

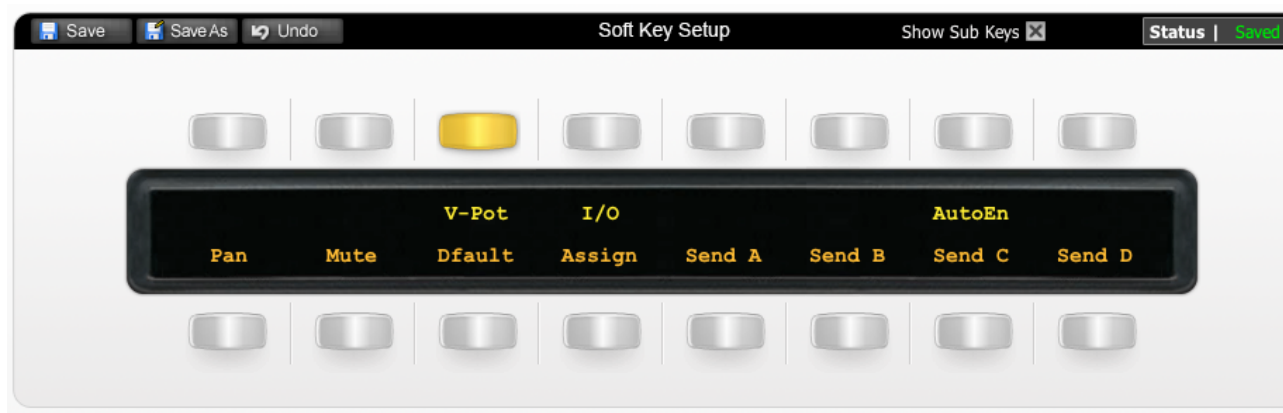
Default



Above you can see the assignments for Matrix' Default key set. You are in the Default Key Set when the User 1, User 2, User 3 or User 4 keys are not selected.

< Prev	Locates to previous marker
Next >	Locates to next marker
V-Pot	Opens the V-Pot menu
I/O	Opens the I/O menu
MemLoc	Opens/closes the Memory Locations window
Big C	Opens/closes the Big Counter window
AutoEn	Opens the AutoEn Menu
AWind	Opens the Automation Window
Edit	Brings the Edit window to the foreground
Mix	Bring the Mix window to the foreground
Sus G	Suspends/Suspends Groups
Plugs	Shows/hides the Plug-In window of selected plug-in
Trans	Shows/hides transport window
RecRdy	Record-ready for all tracks
P Roll	Toggles Pre and Post Roll on/off
Click	Toggles the metronome on/off

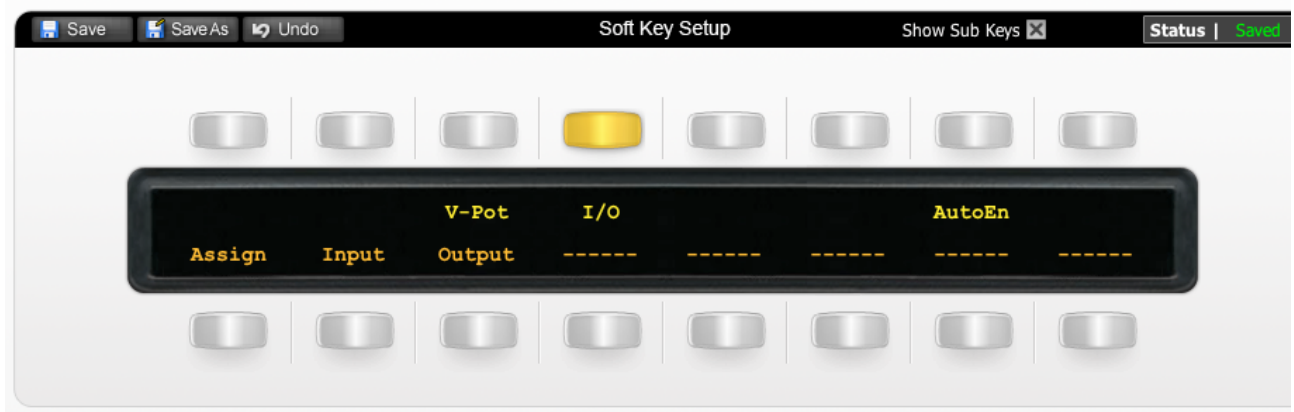
The V-Pot Submenu



The image above shows you the assignments for the V-Pot Submenu.

Pan	V-Pots control Pan levels (hold OPT modifier whilst moving to see value)
Mute	Changes push function of V-Pots between Muting sends or Pre/Post
Dfault	Default faders/pan positions. Press and hold whilst pressing a channel's SEL key
Assign	Enters/Exits the HUI Assign mode for Plug-ins and I/O assignments
Send A	V-Pots control Send A levels
Send B	V-Pots control Send B levels
Send C	V-Pots control Send C levels
Send D	V-Pots control Send D levels

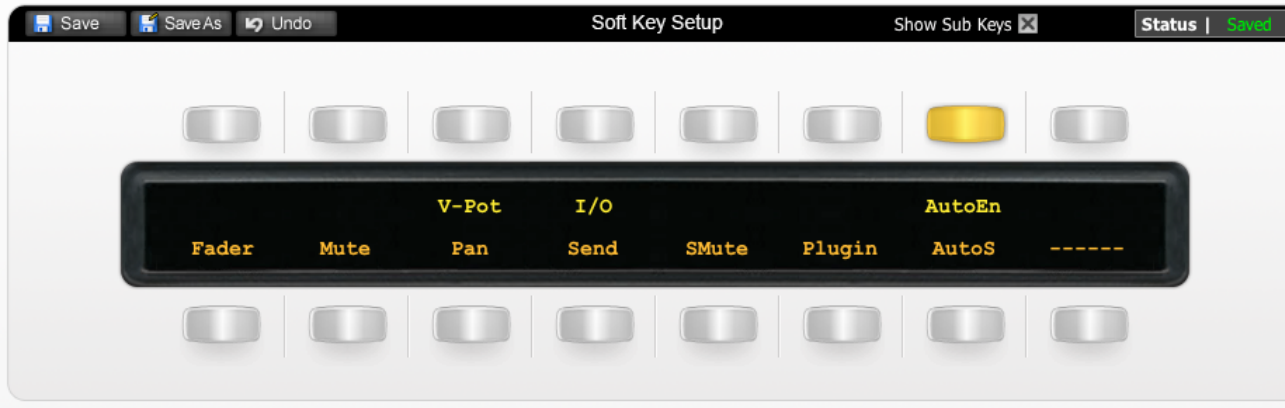
The I/O Submenu



The image above shows the assignments for the I/O Submenu.

Assign	Enters/Exits the HUI Assign mode for Plug-ins and I/O assignments
Input	Allows assign mode to set channel inputs
Output	Allows assign mode to set channel outputs
-----	<i>Unassigned</i>
-----	<i>Unassigned</i>
-----	<i>Unassigned</i>
-----	<i>Unassigned</i>
-----	<i>Unassigned</i>

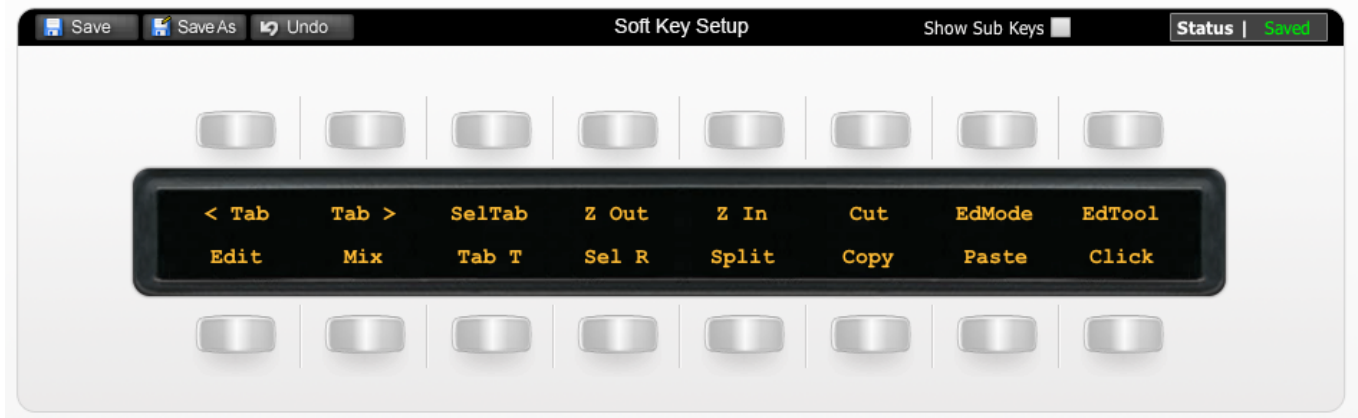
The AutoEn Submenu



The image above shows the assignments for the AutoEn Submenu.

Fader	Enables/disables Fader automation
Mute	Enables/disables Mute automation
Pan	Enables/disables Pan automation
Send	Enables/disables Send automation
SMute	Enables/disables Send Mute automation
Plugin	Enables/disables Plugin automation
AutoS	Enables/disables all automation
-----	<i>Unassigned</i>

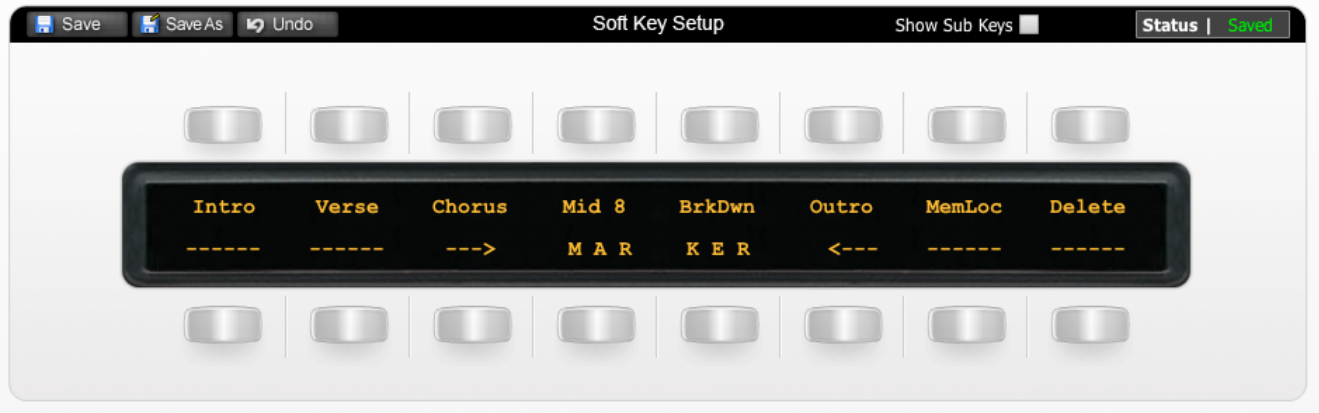
User 1



The image above shows the assignments for User 1.

< Tab	Tabs to previous transient (providing Tab To Transient is enabled)
Tab >	Tabs to next transient (providing Tab To Transient is enabled)
SelTab	Tabs to next transient and also highlights area (providing Tab To Transient is enabled)
Z Out	Vertical Zoom Out for all tracks
Z In	Vertical Zoom In for all tracks
Cut	Cut highlighted region
EdMode	Cycles selection of Pro Tools' edit modes – Shuffle, Spot, Slip and Grid
EdTool	Cycles selection of Pro Tools' editing tools
Edit	Brings the Edit window to the foreground
Mix	Bring the Mix window to the foreground
Tab T	Enables/disables Tab To Transient
Sel R	Selects all regions on track
Split	Separates region at playhead
Copy	Copy highlighted region
Paste	Paste highlighted region
Click	Toggles the metronome on/off

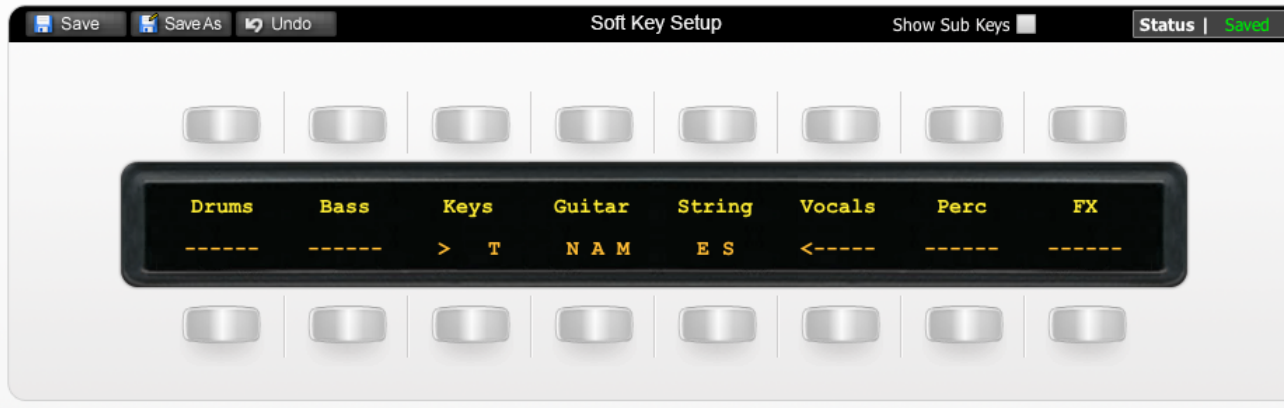
User 2



The image above shows the layout for User 2.

Intro	Enters a marker that names itself to 'INTRO'
Verse	Enters a marker that names itself to 'VERSE'
Chorus	Enters a marker that names itself to 'CHORUS'
Mid8	Enters a marker that names itself to 'MIDDLE 8
BrkDwn	Enters a marker that names itself to 'OUTRO'
Outro	Enters a marker that names itself to 'MID 8'
MemLoc	Opens/closes the Memory Locations window
Delete	Deletes the last entered Memory Location(s)
-----	<i>Unassigned</i>
-----	<i>Unassigned</i>
-----	<i>Unassigned</i>
-----	<i>Unassigned</i>
-----	<i>Unassigned</i>
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-----	<i>Unassigned</i>

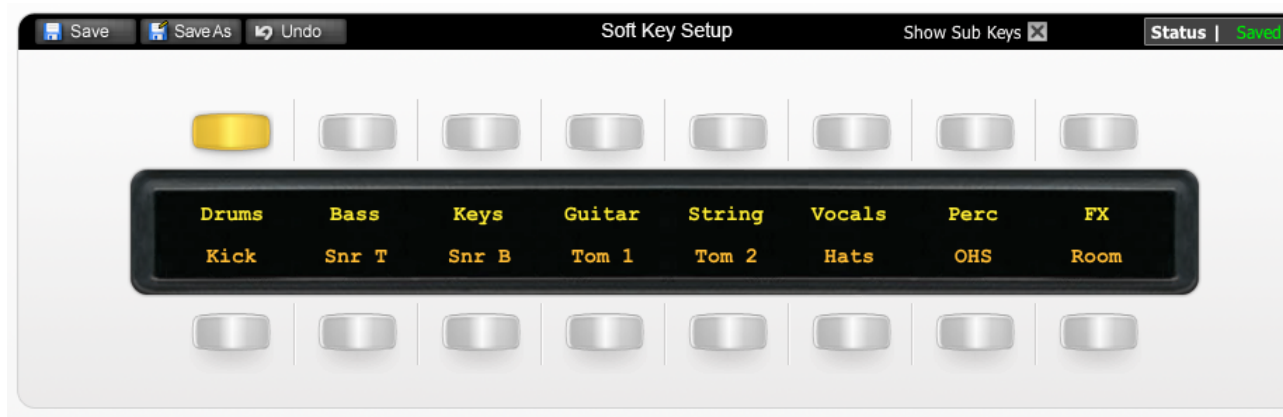
User 3



The image above shows the assignments for User 3.

Drums	Opens/closes the Drum Names Submenu
Bass	Opens/closes the Bass Names Submenu
Keys	Opens/closes the Keys Names Submenu
Guitar	Opens/closes the Guitar Names Submenu
String	Opens/closes the Strings Names Submenu
Vocals	Opens/closes the Vocals Names Submenu
Perc	Opens/closes the Percussion Names Submenu
FX	Opens/closes the FX Names Submenu
-----	Unassigned
-----	Unassigned
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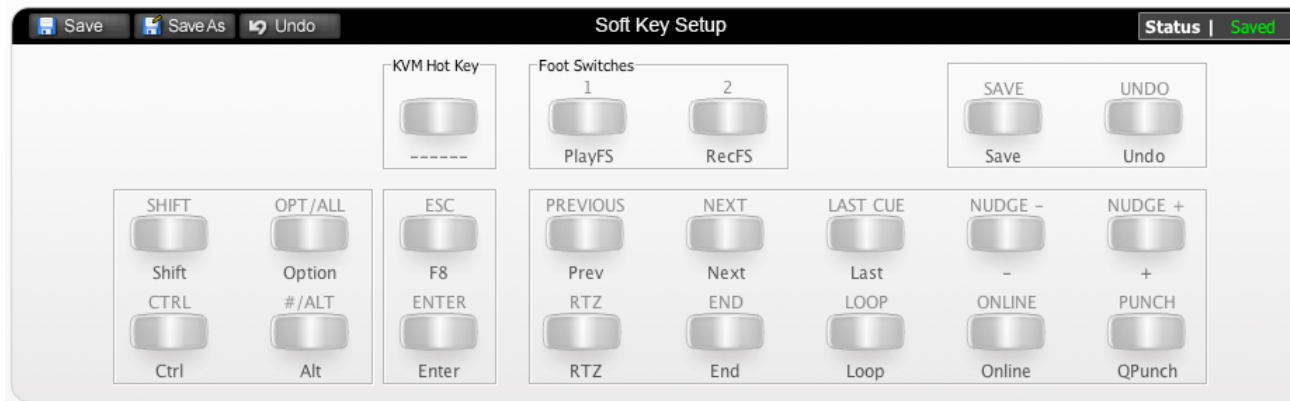
Drum Names Submenu



The image above shows the assignments for the Drum Names Submenu.

Kick	Types in the name 'KICK' followed by enter. Double tap 'SEL' key to enter name dialogue before pressing this.
Snr T	Types in the name 'SNR T' followed by enter. Double tap 'SEL' key to enter name dialogue before pressing this.
Snr B	Types in the name 'SNR B' followed by enter. Double tap 'SEL' key to enter name dialogue before pressing this.
Tom 1	Types in the name 'TOM 1' followed by enter. Double tap 'SEL' key to enter name dialogue before pressing this.
Tom 2	Types in the name 'TOM 2' followed by enter. Double tap 'SEL' key to enter name dialogue before pressing this.
Hats	Types in the name 'HATS' followed by enter. Double tap 'SEL' key to enter name dialogue before pressing this.
OHS	Types in the name 'ROOMS' followed by enter. Double tap 'SEL' key to enter name dialogue before pressing this.
Room	Types in the name 'ROOMS' followed by enter. Double tap 'SEL' key to enter name dialogue before pressing this.

Transport / Utilities



The image above shows the assignments for the Matrix's transport/utilities section.

PlayFS	Play command is assigned to first footswitch connection
RecFS	Record command is assigned to second footswitch connection
Shift	Shift command (HUI)
Ctrl	Ctrl command (HUI)
Alt	Alt command (HUI)
Option	Option command (HUI)
Enter	Enters a marker
F8	Cycles Pro Tools edit tools
Save	Saves session
Undo	Undo
Previous	Locates to previous marker
RTZ	Locates to session start
Next	Locates to next marker
End	Locates to region end
Last	Locates to last locator
Loop	Turns loop playback on/off
Nudge -	Nudge left by Nudge value
Nudge +	Nudge right by Nudge value
Online	Toggles Online Sync on/off
Q Punch	Toggles Quick Punch record on/off

List of HUI Functions

The Pro Tools profile contains a mixture of HUI commands and USB keyboard shortcuts. To help you see how we have renamed the commands, see the table below.

BLACK TEXT = HUI command

RED TEXT = USB keyboard shortcut

DAW CMD / KEYBOARD SHORTCUT	SOFTKEY LABEL (RE-NAMED)
Prev Marker	< Prev
Next Marker	Next >
---	V-Pot (Menu)
---	I/O (Menu)
Apple+Numeric keypad 5	MemLoc
Apple+Numeric keypad 3	Big C
---	AutoEn (Menu)
Apple+Numeric keypad 4	AWind
Edit to foreground	Edit
Mix to foreground	Mix
Shift+Apple+G	Sus G
Open/close plugin editor	Plugs
Open/close transport	Trans
Rec/Rdy all	RecRdy
Apple+K	P Roll
Numeric keypad 7	Click
Pan	Pan
Mute	Mute
Default	Dfault
Assign	Assign
Send A	Send A
Send B	Send B
Send C	Send C
Send D	Send D
Input	Input

Output	Output
Auto Enable Fader	Fader
Auto Enable Pan	Mute
Auto Enable Send	Pan
Auto Enable Send Mute	Send
Auto Enable Plugin	SMute
Auto Enable Plugin	Plugin
Auto Suspend	AutoS
Alt+Tab	◀ Tab
Tab	Tab ▶
Shift+Tab	SelTab
Ctrl+Alt+Down Arrow	Z Out
Ctrl+Alt+Up Arrow	Z In
Apple+X	Cut
Edit Mode	EdMode
Edit Tool	EdTool
Alt+Apple+Tab	Tab T
Apple+A	Sel R
Apple+E	Split
Apple+C	Copy
Apple+Y	Paste
Numeric Enter + 'INTRO' + Enter	Intro
Numeric Enter + 'VERSE' + Enter	Verse
Numeric Enter + 'CHORUS' + Enter	Chorus
Numeric Enter + 'MID 8' + Enter	Mid 8
Numeric Enter + 'BREAKDOWN' + Enter	BrkDwn
Numeric Enter + 'OUTRO' + Enter	Outro
Apple+Z	Delete
Shift/All	Shift
Option/All	Option
Control	Ctrl
CMD/Alt/Fine	Alt
Fkey8/Esc	Esc
Play Foot Switch	PlayFS
Record Foot Switch	RecFS
RTZ	RTZ

End	End
Last Marker	Last
Loop	Loop
KPad +	Nudge -
KPad -	Nudge +
On-line	Online
Quick Punch	QPunch
Save	Save
Undo	Undo
Rewind	Rewind
Forward	Forward
Stop	Stop
Play	Play
Record	Record