

Studio One Standard Matrix Profile

Setup and Quick Start Guide



Introduction

The first part of this tutorial details how to setup Studio One 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.

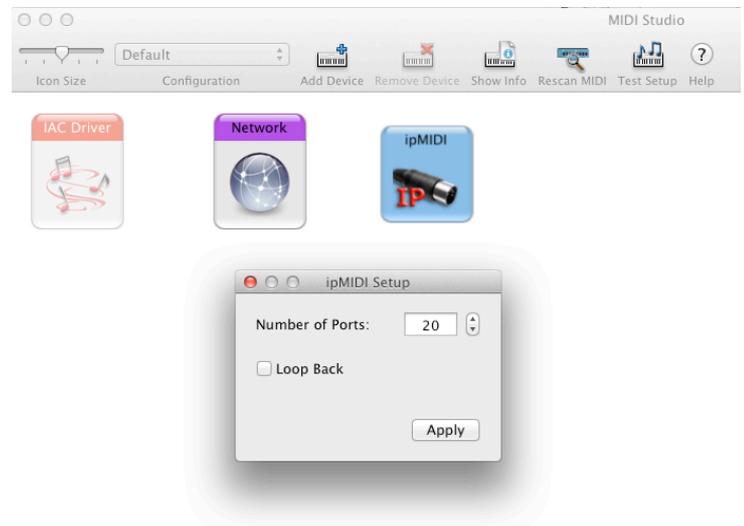
Installing the profile

The Studio One 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 at least 9 and ensure that 'Loopback' is **not ticked** and then press 'Apply'



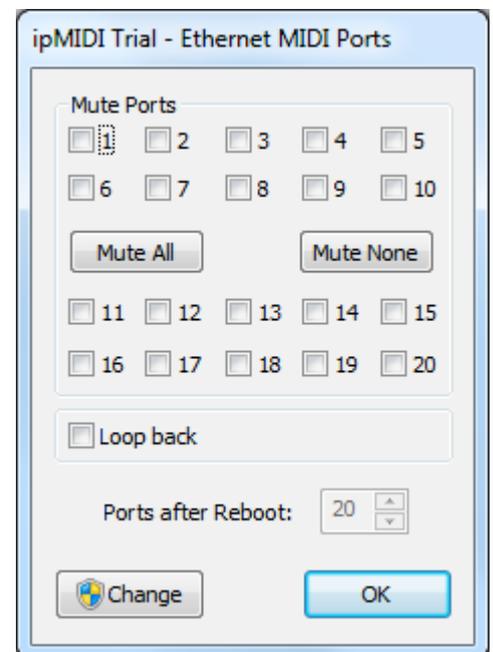
OR

Microsoft Windows OS

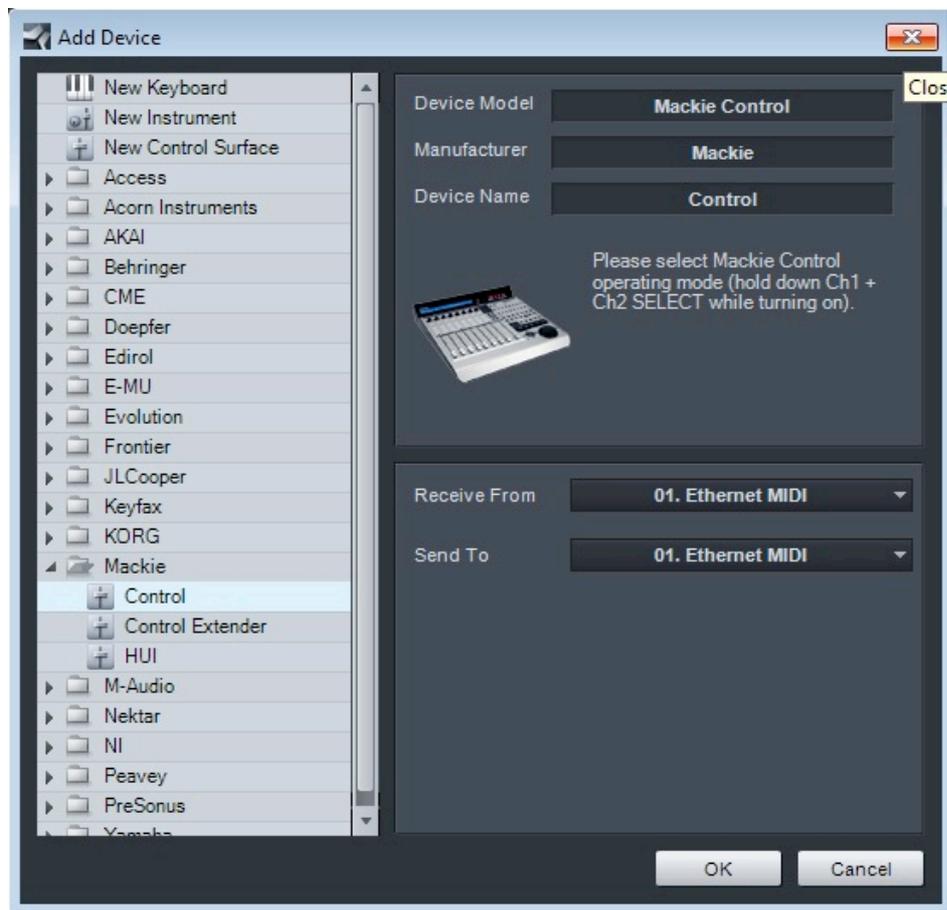
This setup information covers Windows XP, Vista, Windows 7 and Windows 8 (32+64-bit)

- 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 at least 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 un-tick the muted Ports



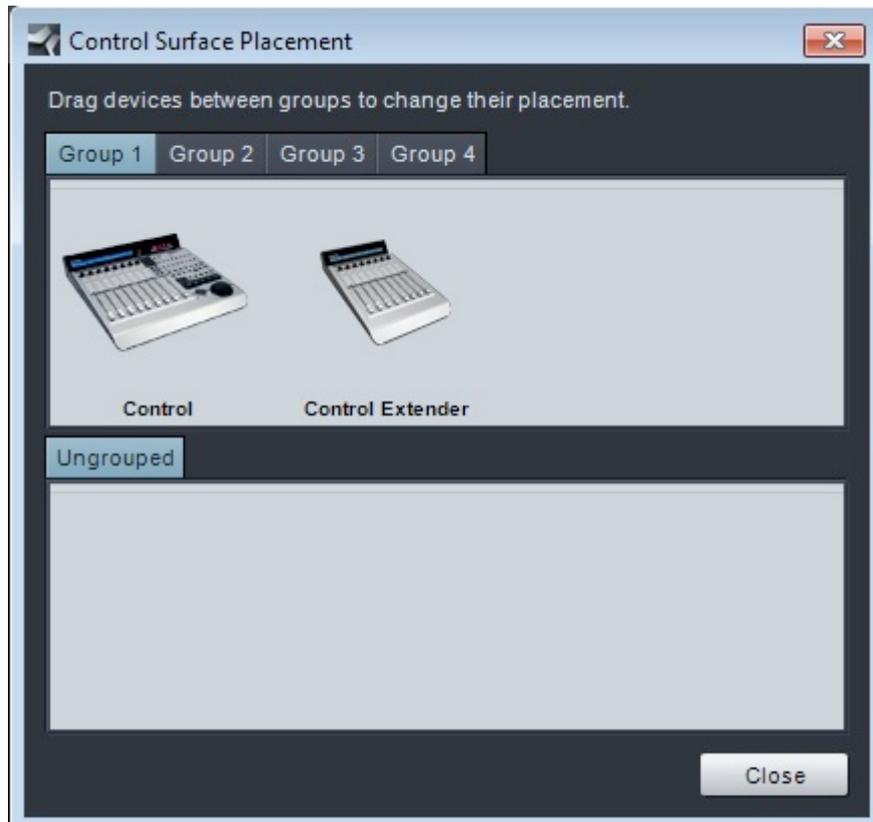
Setting up Studio One



Device Setup

Control surfaces are configured in the **Studio One** > **Options...** > **External Devices** menu > **Add...** In this example we will setup Studio One for operation on DAW layer 1 of Matrix.

- 1) Setup the first Mackie controller row to 'Receive From' and 'Send To' on ipMIDI Port 1.
- 2) Setup the second MCU controller row to 'Receive From' and 'Send To' on ipMIDI Port 2.



Control Surface Placement

Studio One Mackie controllers must be assigned to a group in order to work together harmoniously. To do this go to **Placement...** in the **External Devices** menus and drag and drop the devices to the first Group (pictured above).

Matrix Setup

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

Further information

For more information or help on Studio One's MCU implementation and capabilities, please refer to the '**Studio One – Mackie Control Support**' document, available from Presonus.

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 not selected.

Instrument	Brings up Instrument assigned to the selected track.
Plug-In	Brings up assigned plug-ins to selected track.
EQ	Bypass effects on each selected channel via pressing the V-Pots.
Pan	Shows Pan values on scribble strip.
Send	Shows sends/ Adjustable levels via V-Pots.
Track	Shows selected track I/O across scribble strip.
-----	N/A
-----	N/A
F1	Opens mixer and shows/hides input I/O levels.
F2	Opens/Closes Edit window.
F3	Opens/closes Mix window.
F4	Opens Inspector.
F5	Opens/Closes Effects browser.
F6	Opens/Closes I/O browser.
F7	Show Channel editor.
F8	Show Sounds

User 1



Above you can see the assignments for User 1.

F1	Opens mixer and shows/hides input I/O levels.
F2	Opens/closes Edit window.
F3	Opens/closes Mix window.
F4	Opens Inspector.
F5	Opens/Closes Effects browser.
F6	Opens/Closes I/O browser.
F7	Show Channel editor.
F8	Show Sounds.
NM/VAL	Toggles between Names and Values in the scribble strip when a send is active.
SMPTE	Changes the timeline reference.
Marker	Puts the transport controls into marker mode (« Previous marker, » Next marker, “REC” place marker)
Nudge	N/A
Solo	N/A
Rplace	N/A
Drop	Align drop ins.
Click	Enable/Disable Metronome.

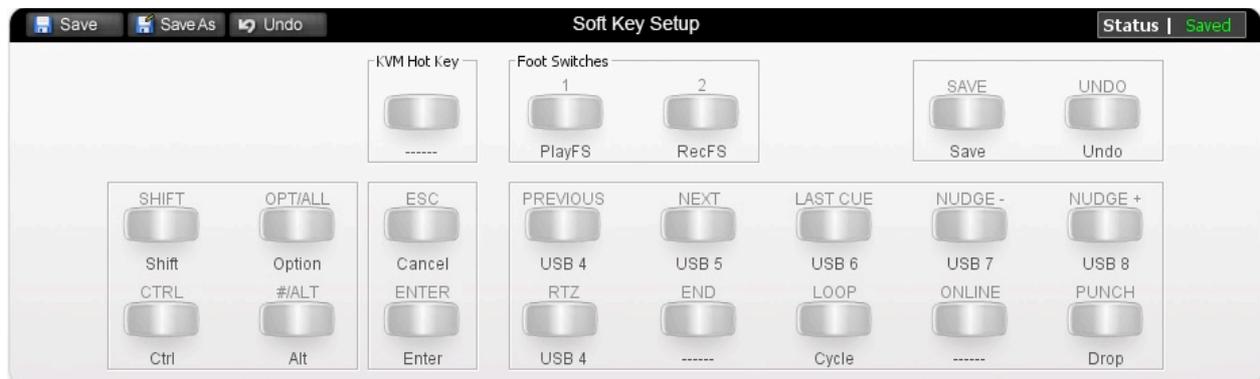
User 2



Above you can see the assignments for User 2. (The assignments on User 2 control display options for the Matrix faders.)

Global	Shows global fader settings.
MIDI Tr	<i>Unassigned.</i>
AudTr	Shows Audio tracks on the faders.
AudIns	Shows Audio Inputs on the faders.
Aux	Shows levels of AUX tracks on the faders.
Busses	Shows Busses on the faders.
Outputs	Shows Outputs on the faders.
User	<i>Unassigned.</i>
F1	Opens mixer and shows/hides input I/O levels.
F2	Opens/closes Edit window.
F3	Opens/closes Mix window.
F4	Opens Inspector.
F5	Opens/Closes Effects browser.
F6	Opens/Closes I/O browser.
F7	Show Channel editor.
F8	Show Sounds.

Transport / Utilities



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

PlayFS	Play command is assigned to first footswitch jack
RecFS	Record command is assigned to second footswitch jack
Shift	Shift command (MCU)
Ctrl	Ctrl command (MCU)
Alt	Alt command (MCU)
Option	Option command (MCU), Used with Bank keys selects plug ins in editor. Used with Channel key selects presets in plug-in editor.
Shuttle	<i>Unassigned</i>
Enter	Enter selection.
ESC	Cancels selection.
Save	Saves session (Held with Shift key opens “save as...”)
Undo	Undo
(F1)	<i>Unassigned</i>
(F2)	<i>Unassigned</i>
RTZ	<i>Unassigned</i>
End	<i>Unassigned</i>
Loop	Turns loop playback on/off
Punch	<i>Unassigned</i>

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Online	<i>Unassigned</i>
Nudge -	<i>Unassigned</i>
Nudge +	<i>Unassigned</i>
Next Cue	<i>Unassigned</i>

List of MCU Functions

The Studio One profile contains MCU commands. To help you see how we have renamed the commands, see the table below.

BLACK TEXT = MCU command

RED TEXT = USB keyboard shortcut

DAW CMD / KEYBOARD SHORTCUT	SOFTKEY LABEL (RE-NAMED)
Instr	Instrument
Plug-In	Plug-In
EQ	EQ
PanSurround	Pan
SEND	Send
Track	Track
F1	F1
F2	F2
F3	F3
F4	F4
F5	F5
F6	F6
F7	F7
F8	F8
Name/Value	NM/VALUE
SMPTE/ Beats	SMPTE
Marker	Marker
Solo	Solo
Replace	Rplace
Drop	Drop
Click	Click
Enter Selection	Enter
Cancel Selection	ESC
Loop selection	Cycle
Option	Option
Control	Ctrl

Alt	Alt
Shift	Shift
Save	Save
Undo	Undo
Global	Global
MIDITr	MIDI Tracks
Audio Tracks	AudTr
Audio Instruments	AudIn
AUX	AUX
Busses	Busses
Outputs	Outputs
User	User
PlayFS	Play Foot Switch
RecFS	Record Foot Switch
Enter	Enter
Esc	Escape
Save	Save