SOUND

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Document Version 1.0

## Logic Standard Matrix Profile Setup and Quick Start Guide



#### Introduction

The first part of this tutorial details how to setup Logic 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 Logic Standard profile is automatically installed when you update your Matrix console software to **V2.o/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'

000						MIDI Studio	)
	ault	÷				2	?
Icon Size	Configuration	Add Device	Remove Device	Show Info	Rescan MIDI	Test Setup	Help
IAC Driver	Netwo	ipMIDI	ipMIDI				
	Nu	umber of Ports:	20	÷			
	C	Loop Back					
			Apply				

### OR

#### **Microsoft Windows OS**

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

- Launch the ipMIDI Monitor application (Start > Menu > Programs > ipMIDI)
- 2) Ensure Ports 1 to 9 are not muted
- 3) Un-tick 'Loop Back'
- 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

ipMIDI Trial - Ethernet MIDI Ports								
Mute Ports								
6 7 8 9 1	0							
Mute All Mute None								
11 12 13 14 1	5							
16 17 18 19 2	0							
Loop back								
Ports after Reboot: 20								
Change OK								

# Solid State Logic

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### **Setting up Logic**

Edit T New T			
Device: Mackie Control			
Output Po			Concession and the local division of
			00000000
	e: Logic Control		
	el: Mackie Control		10.0 Sec. 1
	n: (unknown)		
Transport Button Clic			
			Mackie Control
Serial No			
▼ CS Group: Control Surface G	oup 1		
Flip Mod	e: Off	\$	
	e: Value	\$	
	y: Beats		
	e: Arrange		
	r: Volume		
	r: Angle		
EQ Ban			
	r: Frequency	\$	
All EQs Parameter Pag			
	r: Destination		
Split: no. of upper parameter			
Instrument Parameter Pag			
Inst Param Page (Split Lowe			
Insert Slot (Split Lowe			
Plug-in Parameter Pag			
Track Loc			

Control surfaces are setup in the **Control Surfaces** > **Setup** (or **Preferences** > **Control Surface Setup** if using Logic 9 or below) menu. In this example we will setup Logic for operation on DAW layer 1 of Matrix.

- 1) Choose 'New' and then 'Install...'
- 2) Choose 'Mackie Control' and then 'Add'
- 3) Set both the 'Output Port' and the 'Input Port' to 'Port 1'.
- 4) Again, choose 'New' and then 'Install'
- 5) Choose 'Mackie Control Extender' and then 'Add'
- 6) Set both the 'Output Port' and the 'Input Port' to 'Port 2'.

#### **Matrix Setup**

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

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### Default

Save 🚦	Save As 🖌 🖌 Ui	ndo		Soft Ke	ey Setup	S	Show Sub Keys	Status
	Mixer NM/VAL	AView Track	TkZoom PanSur	Func Send	Marker EQ	Nudge Plugin	SMPTE Instr	Delete Click
			0			0		

The image above shows the assignments for Matrix's Default key set. You are in the Default key set when the User 1, User 2, User 3 and User 4 keys are not selected.

Mixer	Opens/Closes the Mixer
AView	Shows/Hides automation lane data
TkZoom	Zooms track by set amount
Func	Accesses the Func Submenu
Marker	Creates/Deletes Markers (push and hold function)
Nudge	Nudges selected region (push and hold function)
SMPTE	Changes nudge value between SMPTE or Bar/Beats
Delete	Deletes selected region
NM/VAL	Switches V-Pot display between labels/values.
Track	Globally changes V-Pots through various 'Track' options (has push and hold
	function)
PanSur	V-Pots control pan parameters (has push and hold function)
Send	V-Pots control send parameters (has push and hold function)
EQ	Opens standard Logic EQ strip on selected channel (Has push and hold
	function)
Plugin	V-Pots control Plug-ins
Instr	V-Pots control Virtual Instruments
Click	Turns the metronome on/off
Tin. The Leai	c Manual's section on Mackie Controllers contains a lot of useful information

*Tip: The Logic Manual's section on Mackie Controllers contains a lot of useful information* 

that will help you get the most from using Matrix with Logic.

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### Func Submenu

📙 Save 🛛 👫 Save,	As 🖌 Und	ob		Soft Ke	ey Setup	S	how Sub Keys	×	Status   S	aved
	F1	F2	F3	Func F4	F5	F6	F7	F8		

The image above shows the assignments for the Func Submenu.

F1	Opens Screenset 1
F2	Opens Screenset 2
F3	Opens Screenset 3
F4	Opens Screenset 4
F5	Opens Screenset 5
F6	Opens Screenset 6
F7	Opens Screenset 7
F8	Opens Screenset 8

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### User 1

🔚 Save	🖁 Save As 🛛 너 U	Indo		Soft Ke	ey Setup	2	Show Sub Keys	Statu	i <b>s  </b> Save
	Snip Select	Silenc Pencil	Splice Eraser	Repeat TxtFng	Split Scisor	Loop Glue	Mute ASelct	Delete ACurve	
								0	

The image above shows the assignments for User 1.

Cuts section between locators (Arrange page)
Inserts silence between locators (Arrange page)
Inserts snipped section at playhead (Arrange page)
Repeats section between locators (Arrange page)
Splits regions/events by playhead position (Arrange page)
Turns loop on/off for selected region (Arrange page)
Mutes selected region (Arrange + MIDI page)
Deletes selected region (Arrange + MIDI page)
Select Tool (Arrange + MIDI page)
Pencil Tool (Arrange + MIDI page)
Eraser Tool (Arrange + MIDI page)
Text/Finger Tool (Arrange + MIDI page)
Scissors Tool (Arrange + MIDI page)
Glue Tool
Automation Select (Arrange + MIDI page)
Automation Curve (Arrange + MIDI page)

### Transport/Utility

Save	🔚 Save As	🖌 Undo		Soft Key	Setup			Status   S
			KVM Hot	Foot Switches	2		SAVE	UNDO
				PlayFS	RecFS		Save	Undo
	SHIFT	OPT/ALL	ESC	PREVIOUS	NEXT	LAST CUE	NUDGE -	NUDGE +
	Shift	Cmnd	Cancel	PrevMk	NextMk			
	CTRL	#/ALT	ENTER	RTZ	END	LOOP	ONLINE	PUNCH
	Ctrl	Alt	Enter	USB 19		Cycle		Drop

The image above shows the layout for the Transport/Utility section of Matrix.

PlayFS	Play command is assigned to the first footswitch port
RecFS	Record command is assigned to the second footswitch port
Shift	Keyboard Shift (follow key state)
Ctrl	Keyboard Ctrl key (follow key state)
Cmnd	Keyboard Cmnd key (follow key state)
Alt	Keyboard Alt/Option (follow key state)
Scrub	Puts jog wheel into Scrub mode
Enter	Keyboard Enter key
Cancel	Cancel
Save	Saves project
Undo	Undo
EQ	Opens standard Logic EQ strip on selected channel (Has push and hold
	function)
PrevMk	Locates to previous marker
NextMk	Locates to next marker
Cycle	Turns cycle on/off
Punch	Turns Autopunch on/off
RTZ/Start	Go to selection start (track region must be selected first)

### **List of MCU Functions**

The Logic profile contains a mixture of MCU commands and USB keyboard shortcuts. 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	Instr
Plugin	Plugin
EQ	EQ
PanSur	PanSur
Send	Send
Track	Track
KeybID	KeybID
x	Mixer
a	AView
Z	TkZoom
Menu	Func
Marker	Marker
Nudge	Nudge
SMPTE/Beats	SMPTE
Backspace	Delete
Name/Value	NM/VAL
Track	Tracj
PanSur	PanSur
Send	Send
EQ	REQ
Plugin	Plugin
Instr	Instr
Click	Click
Ctrl+Cmnd+X	Snip
Ctrl+Cmnd+Z	Silenc
Ctrl+Cmnd+Y	Splice

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Ctrl+Cmnd+R Repeat	
/ Split	
L Loop	
M Mute	
Backspace Delete	
Esc>1 Select	
Esc>2 Pencil	
Esc>3 Eraser	
Esc>4 TxtFng	
Esc>5 Scisor	
Esc>6 Glue	
Esc>Q ASelct	
Esc>W ACurve	
F1 F1	
F2 F2	
F3 F3	
F4 F4	
F5 F5	
F6 F6	
F7 F7	
F8 F8	
Play Foot Switch PlayFS	
Record Foot Switch RecFS	
Shift (Follow Key State)Shift	
Cmnd (Follow Key State) Cmnd	
Ctrl (Follow Key State) Ctrl	
Alt (Follow Key State) Alt	
Cntl + . NextMk	
Cntl + , PrevMk	
Cycle Cycle	
Rewind Rewind	
Forward Forwrd	
Stop Stop	
Play Play	
Deserved	
Record Record	
Enter Enter	

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Save	Save
Undo	Undo
Scrub	Scrub
Punch	Punch
Shift + Return	RTZ/Start
Drop	Drop

