## 1. CONNECT MIDI

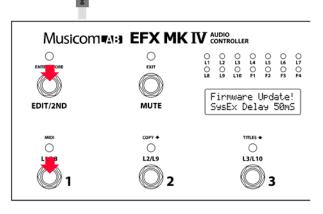
- Connect the output of your MIDI interface to MIDI IN on the EFX MKIV.
- DO NOT plug in power or MIDI OUT jack.
- Our recommended MIDI interfaces are the Roland UM-ONE and the M-Audio USB UNO 1x1. These MIDI interfaces are inexpensive and have been tested to be compatible with the EFX MKIV.

#### NOTE

- Some MIDI interfaces can not be used with the EFX MKIV.
- Make sure to install the latest drivers for your MIDI interface before attempting to update the EFX MKIV.

#### 2. CONNECT POWER

- Plug in power while holding the EDIT/2ND and the 1 switches down.
- The display will show 'Firmware Update!'
- At this moment, the two switches can be released.



MIDI Devices

MIDI Inputs: 1) USB Uno MID

resets:

MIDI Outputs: 2) USB Uno MIDI Interfa 1) Microsoft GS Waveta 3) MIDI Mapper

Automatically attach Inputs to Outputs during selection

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Port Map Objects: Channels System USB Uno MIDI Interface MIDI-0X Events J\_\_\_MOXSYSMAP1.oxm

Cancel

#### 3. UPDATE EFX MKIV

### ON A PC

- Download and install MIDI-OX <u>http://www.midiox.com/zip/midioxse.exe</u>
- Launch MIDI-OX
- Choose Options -> MIDI Devices...
- Select the correct MIDI Input and output from your MIDI interface.

Low Level Input Buffers Size 256 Bu		OK
Num 32 🕂	ites	Cancel
Low Level Output Buffer	rs	
Size 128 By	tes	
Num 2048 🕂	1000-00	
Outra Tisting		
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- Choose <u>View</u> -> <u>Sysex...</u>
- Choose <u>Sysex</u> -> <u>Configure...</u>
- Set numeric values and check boxes as in the image.
- If you want to use different MIDI data transmission software, make sure that the delay time is set to 50ms.

SND10-R RTN10-L RTN10-R OUT B-L OUT B-R DC12VIN OUT/THRU

🛙 SysEx View							- 0 2
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36 F7 F0 00 21	06 00 04 01	31 30 41 43	37 30 30	30 30 33	30 30 45	5 38 32	34 46
37 36 41 46 37	33 36 38 44	30 46 46 36	36 45 41	43 30 45	46 37 32	2 32 36	34 F7
F0 00 21 06 00			30 30 30	41 30 30	46 35 35	5 30 46	41 36
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41 41 39 44 46	F 🛛				46	6 46 F7	
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Display Window	-	Ca	ancel		BIV	/ed	
		10					

- Choose Command Windows -> Load File... to open the firmware file.
- Choose Command Windows -> Send Syxex.
- The LED above the MUTE switch blinks while the new firmware is loading. This updating process requires about three to four minutes.
- The EFX MKIV automatically restarts when the update is complete.

# ON A MAC

- Download and install SysEx Librarian <a href="http://www.snoize.com/SysExLibrarian/">http://www.snoize.com/SysExLibrarian/</a>

•••	SysEx Libra	arian		
	USB Uno MIDI Interface		D	•
Play	Destination	Reco	rd One Rec	ord Many
SysEx File	^	Manufacturer	#Msgs	Size
( <del>1</del> ) (=			Conte	ents
0				

- Launch SysEx Librarian.
- Select your MIDI interface in the pull down menu.

- · Set the preference for 'Pause between played messages' to 50 milliseconds.
- If you want to use different MIDI data transmission software, make sure that the delay time is set to 50ms.

Genera	al Transmit Sp	eed Progr	am Change	Updates
SysEx Fo	older Location			
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	SysEx Librarian	0		
Play	Destination	Record One Rec	ord Many	
SysEx F	Sending message 1365 of 2653	66.5 KB	Size	
		Cancel		

- Drag the firmware file into the SysEx Librarian main window.
- press '▶ Play'
- The LED above the MUTE switch blinks rapidly while the new firmware is loading. This updating process requires about three to four minutes.
- The EFX MKIV automatically restarts when the update is complete.