# EFX MK-V Audio Controller

HOW TO UPDATE FIRMWARE



# **1. CONNECT MIDI**

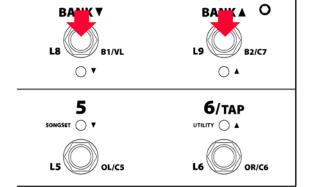
- Connect the output of your MIDI interface to **MIDI IN** on the EFX MK-V.
- DO NOT plug in power or MIDI OUT jack.
- Our recommended MIDI interfaces are the Roland UM-ONE and the M-Audio USB UNO 1x1. These MIDI interfaces are inexpensive and have been tested to be compatible with the EFX MK-V.

#### NOTE

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

#### 2. CONNECT POWER

- Plug in power while holding the BANK▼ and the BANK▲ switches down.
- The display will show 'Firmware Update!'
- At this moment, the two switches can be released.

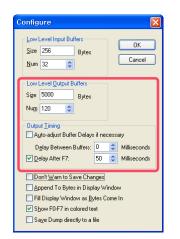


#### 3. UPDATE EFX MKIV

### 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.

Evit Mapping:
Port Map Objects:
System MIDISPORT Uno In MIDI-0X Events MOXSYSMAP1.cxm



- 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.

EFX MKIV How To Update Firmware



SysEx View and Scratchpad	
<u>Eile Command Window D</u> isplay Window <u>S</u> ys	ex <u>H</u> elp
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Display Window	0 Bytes Received

- Download and Unpack the new firmware Zip file. http://www.musicomlab.com/efxmk-v.htm
- Choose <u>Command Windows</u> -> <u>Load File...</u> to open the new firmware file (mkv\_vxxx\_app.syx).
- · Choose Command Windows -> Send Syxex.
- · All LEDs above the switches blink while the new firmware is loading. This updating process requires about three minutes.
- The EFX MK-V 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
(+) (=)			Conte	ents

- 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.

General	Transmit Spe	ed Progr	am Change	Updates
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	USB Uno MIDI Interface	0	0		0
Play	Destination		Record O	na Rec	ord Many
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_	24		Cancel	E	
				5	

- Download and Unpack the new firmware Zip file. http://www.musicomlab.com/efxmk-v.htm
- Drag the new firmware file(mkv\_vxxx\_app.syx) into the SysEx Librarian main window.
- press '▶ Play'
- · All LEDs above the switches blink rapidly while the new firmware is loading. This updating process requires about three minutes.
- The EFX MK-V automatically restarts when the update is complete.