EFX - LE
Audio Controller

HOW TO UPDATE
FIRMWARE

Musicom LAB
Preserving Your Tone, Pure and Dynamic

1. CONNECT MIDI

- Connect the output of your MIDI interface to **MIDI IN** on the EFX-LE.

- **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.**
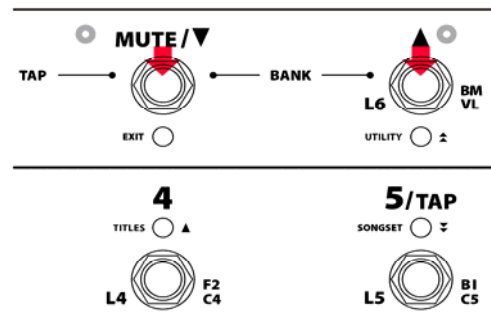 These MIDI interfaces are inexpensive and have been tested to be compatible with the EFX-LE.

  NOTE

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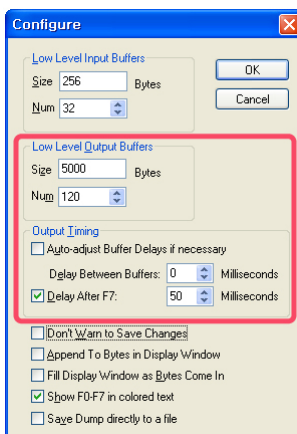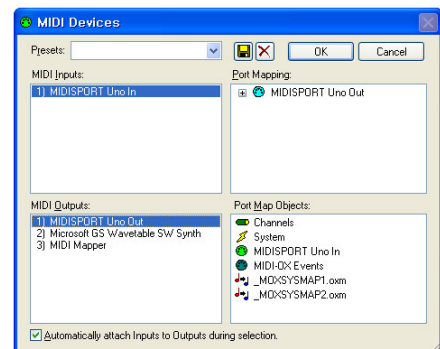
2. CONNECT POWER

- Plug in power while holding the **BANK▼** and the **BANK▲** switches down.

- The display will show '**Firmware Update!**'

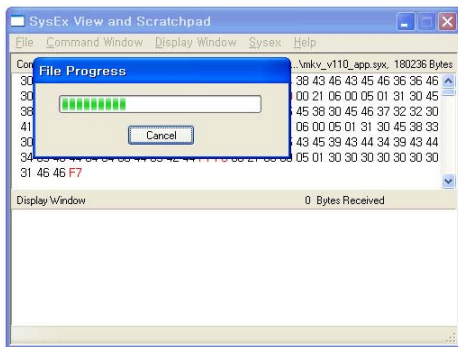- At this moment, the two switches can be released.

3. UPDATE EFX MKIV

ON A PC

- Download and install **MIDI-OX** http://www.midiox.com/zip/midioxse.exe

- Launch MIDI-OX

- Choose Options -> MIDI Devices...

- Select the correct MIDI Input and output from your MIDI interface.
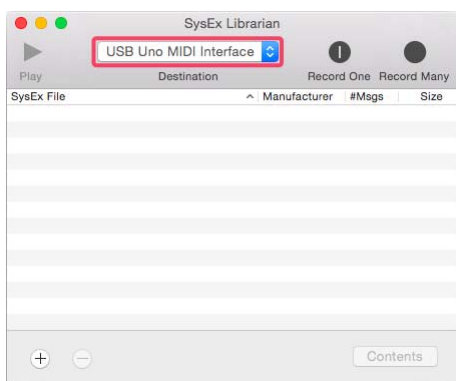
- Choose **View** -> **Sysex...**

- Choose **Sysex** -> **Configure...**

- 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.

- Download and Unpack the new firmware Zip file.
  http://www.musicomlab.com/efx-le.htm

- Choose **Command Windows** -> **Load File...** to open the new firmware file (EFX-LE_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**.

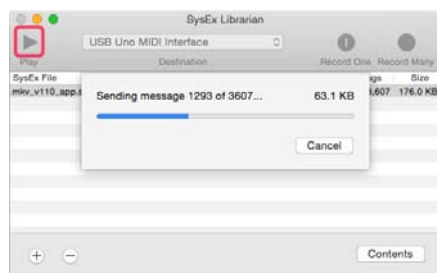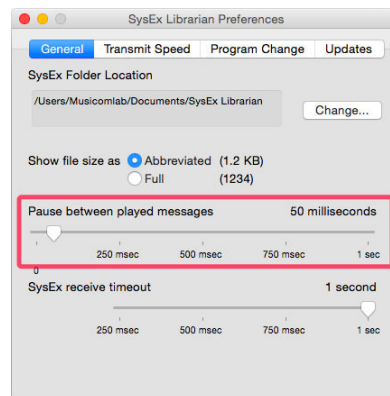- The EFX-LE automatically restarts when the update is complete.

ON A MAC

- Download and install **SysEx Librarian**   http://www.snoize.com/SysExLibrarian/

- 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.

- Download and Unpack the new firmware Zip file.
  http://www.musicomlab.com/efx-le.htm

- Drag the new firmware file(EFX-LE_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-LE automatically restarts when the update is complete.