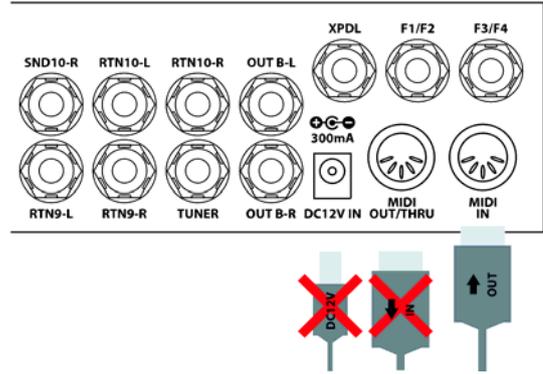## 1. CONNECT MIDI

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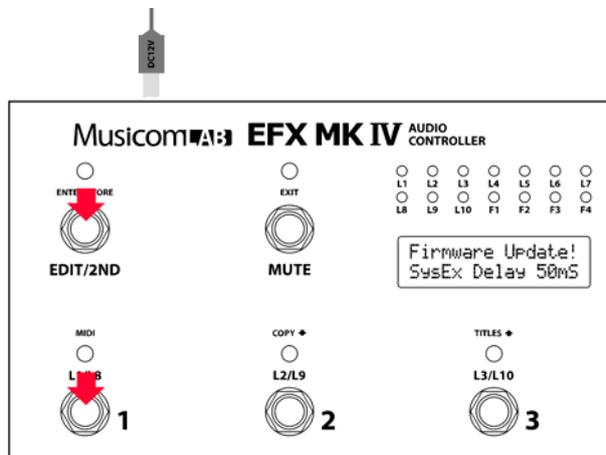 These MIDI interfaces are inexpensive and have been tested to be compatible with the EFX MKIV.

  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.
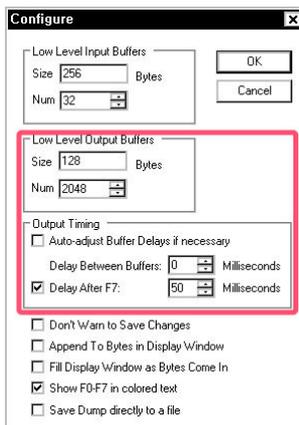
2. CONNECT POWER

- Plug in power while holding the **EDIT/2ND** and the **1** switches down.

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

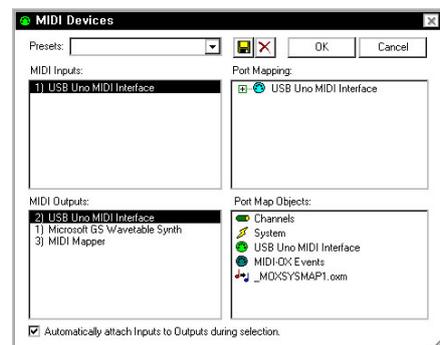- At this moment, the two switches can be released.
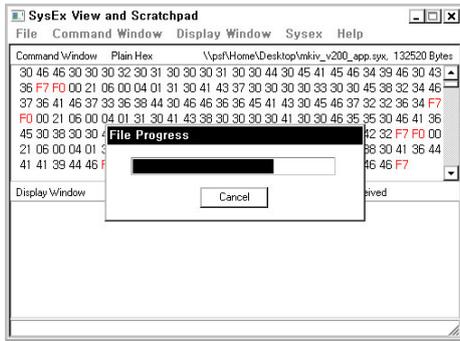
3. UPDATE EFX MKIV

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 <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,
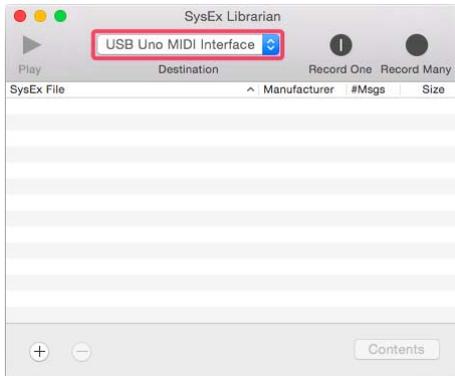 make sure that the delay time is set to 50ms.

- 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**.

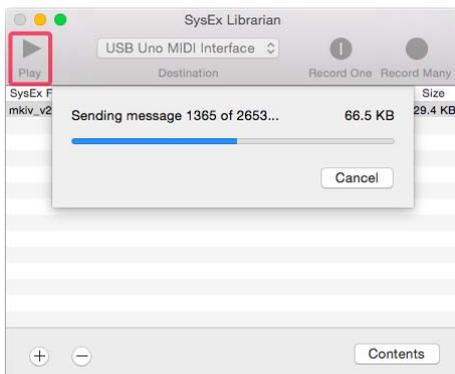- The EFX MKIV automatically restarts when the update is complete.

ON A MAC

- Download and install **SysEx Librarian**   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.

- 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**.

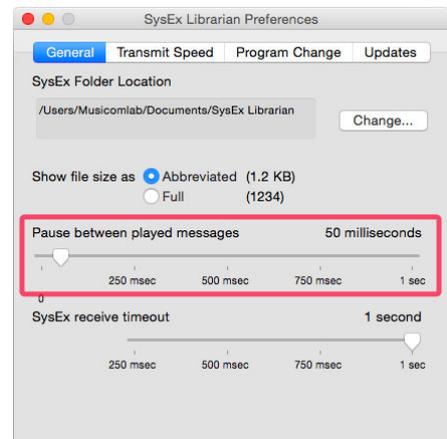- The EFX MKIV automatically restarts when the update is complete.