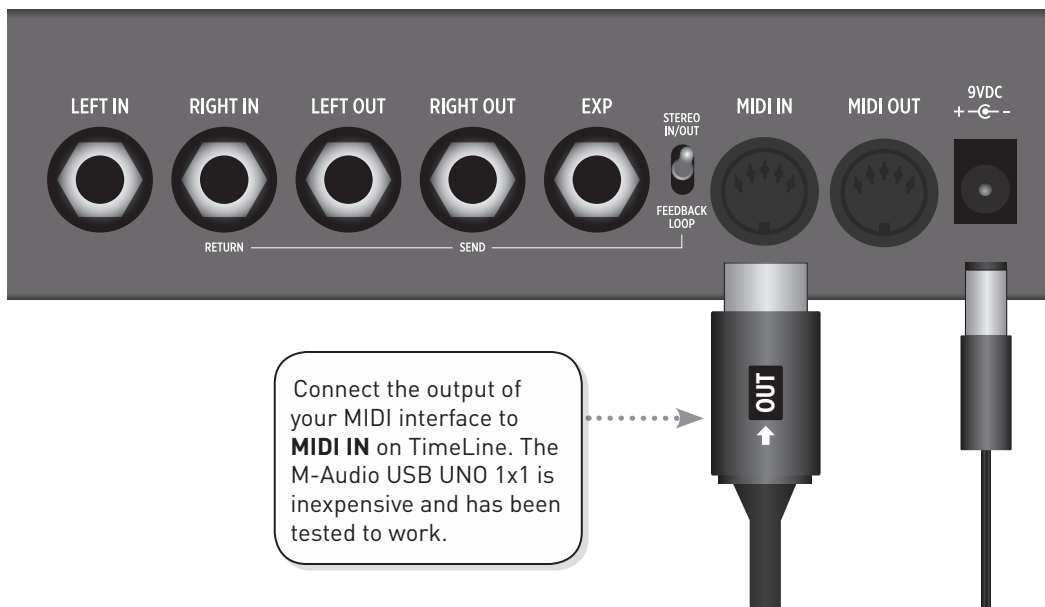# TIMELINE Firmware Update Procedure

strymon

Firmware updates for TimeLine are supported via MIDI SYSEX.

WHAT YOU WILL NEED TO UPDATE YOUR TIMELINE: A Mac or PC with a MIDI interface. A program capable of sending MIDI sysex data. (Sysex Librarian on the Mac and SendSX on the PC)
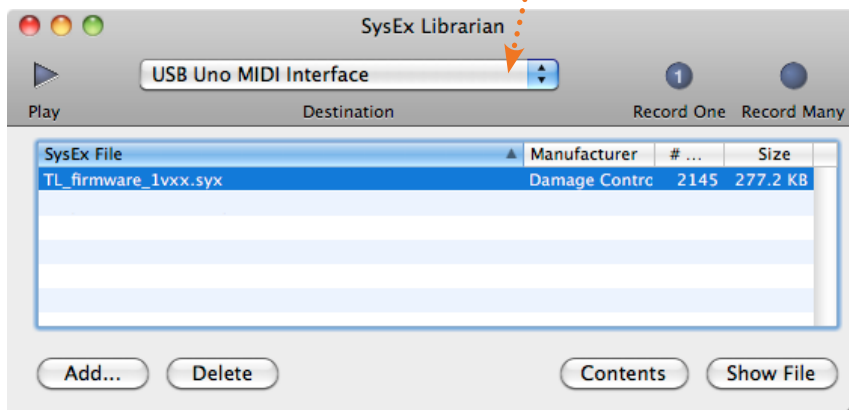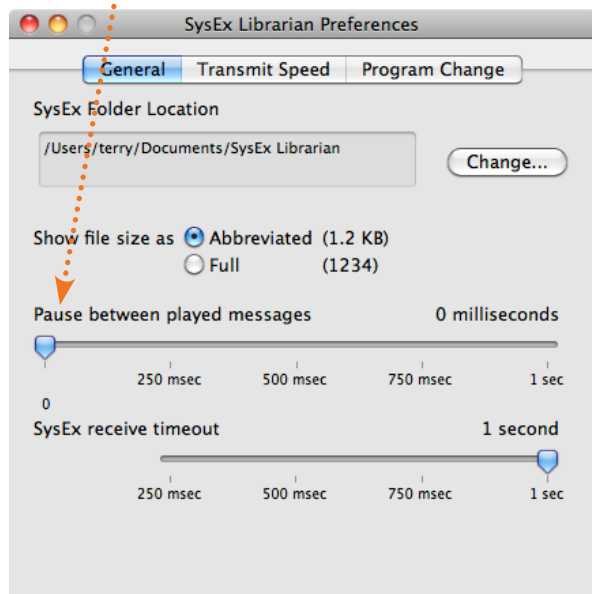
1. CONNECT MIDI AND POWER TO TIMELINE

Connect the output of your MIDI interface to **MIDI IN** on TimeLine. The M-Audio USB UNO 1x1 is inexpensive and has been tested to work.

>> Make sure to install the latest drivers for your MIDI interface before attempting to update TimeLine! <<

2. UPDATE TIMELINE

ON A MAC: Download and install **Sysex Librarian** http://www.snoize.com/SysExLibrarian/
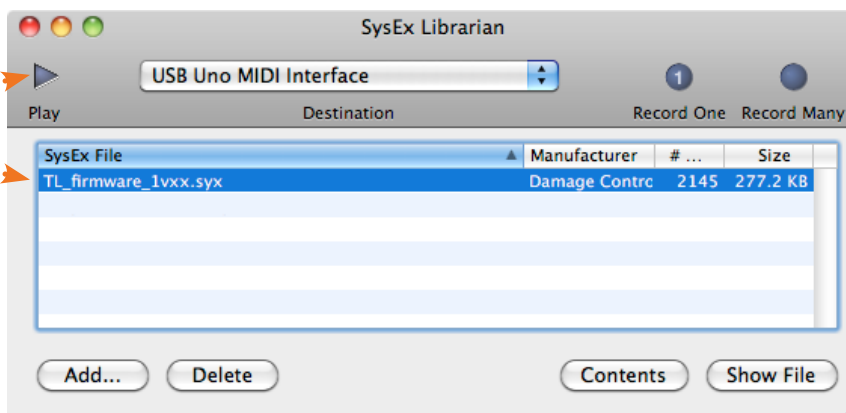(Sysex Librarian is Free & Open Source software)

Set the preference for "Pause between played messages" to 0.

Drag the update files into the SysEx Librarian main window and select your MIDI interface in the pull down menu.

Select the **firmware** file and press play.

SysEx Librarian

USB Uno MIDI Interface

Play | Destination | Record One | Record Many

SysEx File	Manufacturer	# ...	Size
TL_firmware_1vxx.syx	Damage Contro	2145	277.2 KB

Add... | Delete | Contents | Show File

LOADING

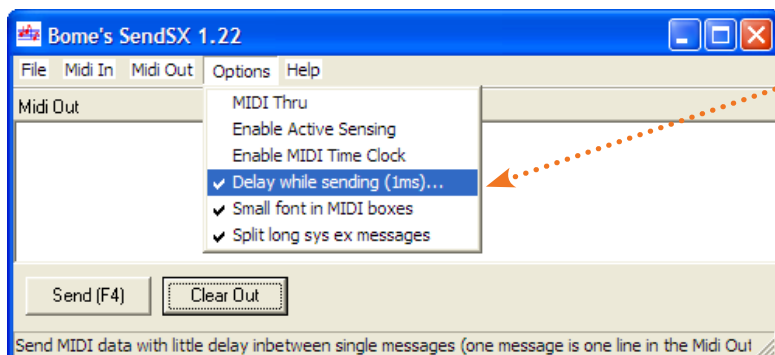will be displayed while the new firmware is loading

BANK 78

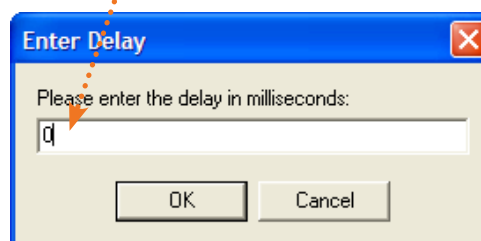the unit will restart and display the last active bank when the update is complete

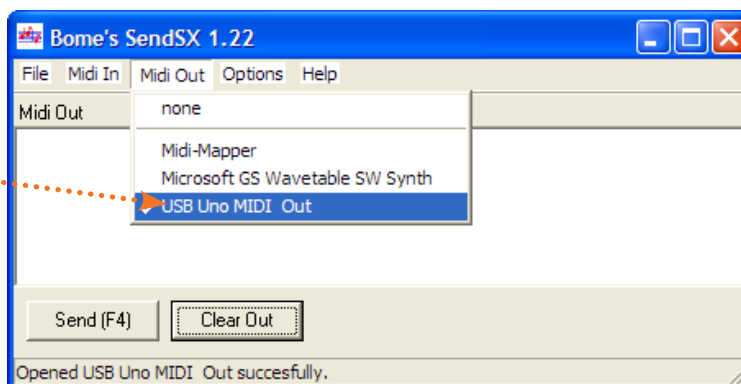**>> Your TimeLine firmware should now have been updated successfully <<**

ON A PC: Download and install **SendSX** http://www.bome.com/products/sendsx

(SendSX is not free software, per their website http://www.bome.com/products/sendsx/purchase SendSX can be used for a reasonable trial period for free and then it's asked that development is supported by a voluntary donation or by using it as "postcardware" and sending a postcard)

Set the in-between message delay to 0mS

Bome's SendSX 1.22

File | Midi In | Midi Out | Options | Help

Midi Out

MIDI Thru
Enable Active Sensing
Enable MIDI Time Clock
✔ Delay while sending (1ms)...
✔ Small font in MIDI boxes
✔ Split long sys ex messages

Send (F4) | Clear Out

Send MIDI data with little delay inbetween single messages (one message is one line in the Midi Out

Enter Delay

Please enter the delay in milliseconds:

0

OK | Cancel

Select the **correct MIDI output from your MIDI interface.**

Bome's SendSX 1.22

File | Midi In | Midi Out | Options | Help

Midi Out

Midi-Mapper
Microsoft GS Wavetable SW Synth
USB Uno MIDI Out

Send (F4) | Clear Out

Opened USB Uno MIDI Out succesfully.

Open the **firmware** file and press send.
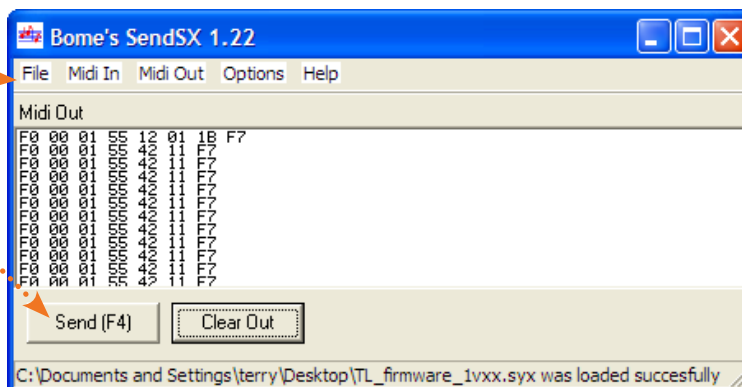
Bome's SendSX 1.22

File   Midi In   Midi Out   Options   Help

Midi Out

```
F0 00 01 55 12 01 1B F7
F0 00 01 55 42 11 F7
F0 00 01 55 42 11 F7
F0 00 01 55 42 11 F7
F0 00 01 55 42 11 F7
F0 00 01 55 42 11 F7
F0 00 01 55 42 11 F7
F0 00 01 55 42 11 F7
F0 00 01 55 42 11 F7
F0 00 01 55 42 11 F7
F0 00 01 55 42 11 F7
F0 00 01 55 42 11 F7
```

Send (F4)   Clear Out

C:\Documents and Settings\terry\Desktop\TL_firmware_1vxx.syx was loaded succesfully

LOADING

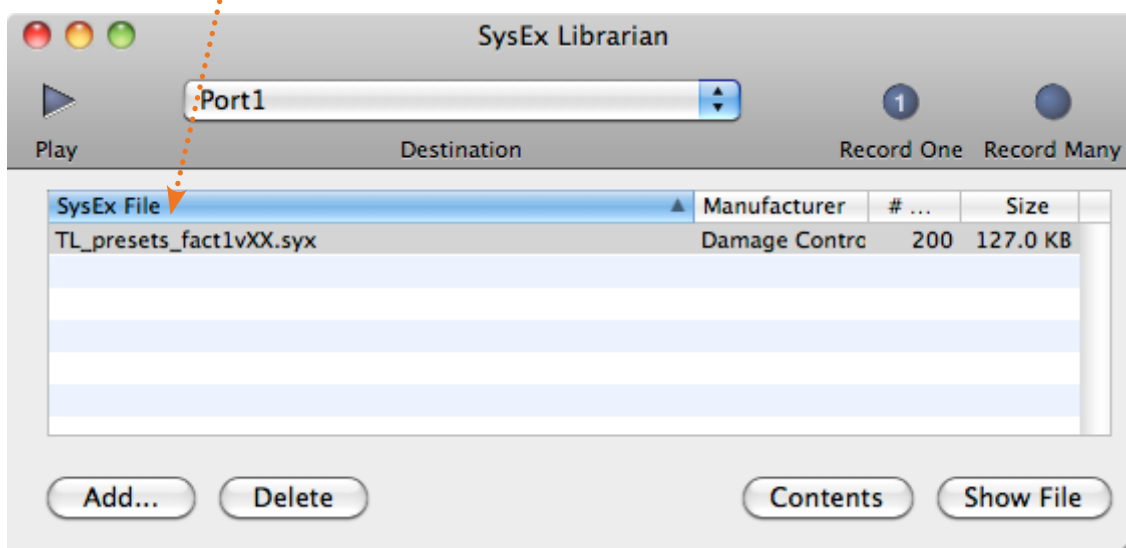will be displayed while the new firmware is loading

BANK 7B

the unit will restart and display the last active bank when the update is complete

>> Your TimeLine firmware should now have been updated successfully <<

## 3. UPDATE YOUR FACTORY PRESETS:

PLAY THE FACTORY PRESET SYSEX FILE: Use either Sysex Librarian on the Mac or SendSX on the PC to send the factory preset sysex file to your TimeLine. There will not be any indication on the display that the file is being received. This contains the factory presets and will not alter any of your saved patches unless a factory initialization is performed. The file is included in the update zip archive and is named in the form "TL_presets_fact1vXX.syx" where the XX represents an incremental version number.

SysEx Librarian

▷ Play   Port1   Destination   1 Record One   Record Many

SysEx File	Manufacturer	# ...	Size
TL_presets_fact1vXX.syx	Damage Contro	200	127.0 KB

Add...   Delete   Contents   Show File
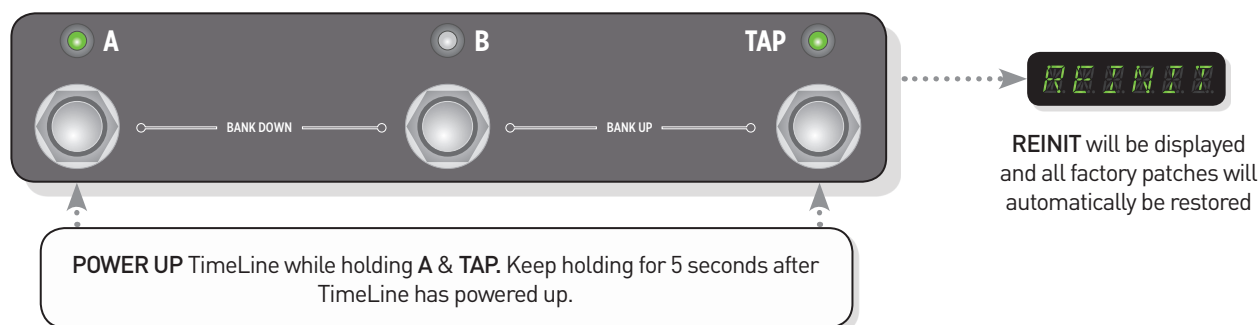
4. (OPTIONAL) UPDATE YOUR USER PRESETS:

>> **WARNING:** the step below will ERASE any edits you've made to presets in BANKS 50 - 100 <<

PLAY THE USER PRESET SYSEX FILE: Use either Sysex Librarian on the Mac or SendSX on the PC to send the user preset sysex file to your TimeLine. There will not be any indication on the display that the file is being received. This contains the user presets for banks 50-100 only. Presets in banks 0-49 will remain untouched.
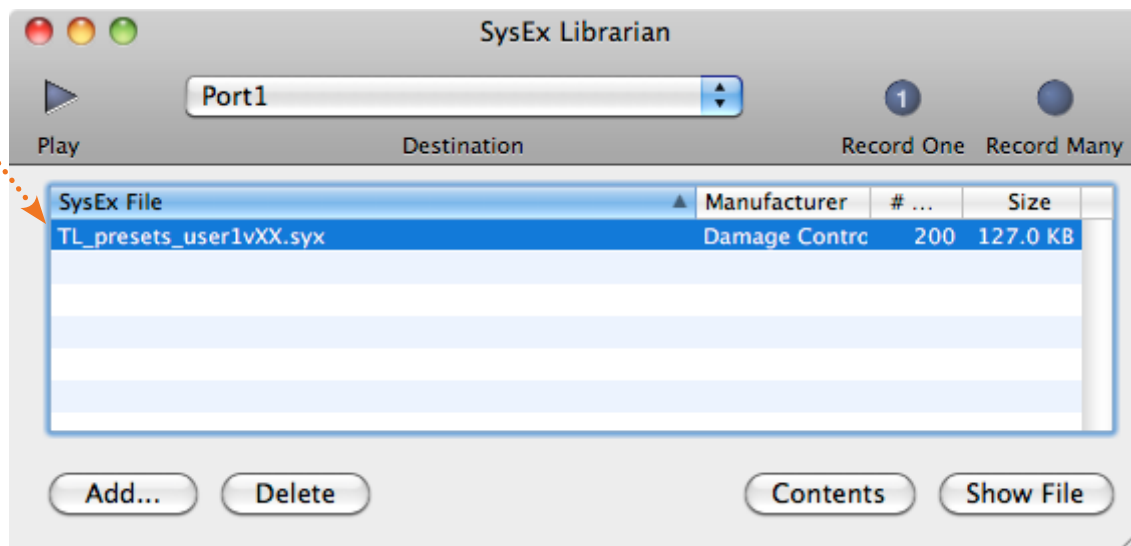
5. (OPTIONAL) INITIALIZE YOUR USER PRESETS:

>> **WARNING:** the step below will ERASE ALL user presets in ALL BANKS <<

REINIT will be displayed and all factory patches will automatically be restored

POWER UP TimeLine while holding **A & TAP.** Keep holding for 5 seconds after TimeLine has powered up.

6. (OPTIONAL) CHECK THE FIRMWARE VERSION:

power on while **holding** the TAP footswitch

turn the TYPE encoder

until REVISN is displayed

push the TYPE encoder

and the firmware version will be displayed