Firmware Updating

The 880's firmware may be periodically updated to fix bugs and add features. Please check *www.system80.net/product/880/* for official firmware updates.

A computer, MIDI interface, and software capable of sending a MIDI sysex file are required to update the 880's firmware. Both MIDI-OX (*www.midiox.com*) for Windows/PC and Snoize SysEx Librarian (*www.snoize.com/SysExLibrarian/*) for Mac OS are recommended software utilities for sending MIDI sysex files .

Follow these steps to update the firmware:

1. Download the latest MIDI sysex firmware update file to your computer from the System80 website.

2. With the 880 powered off, plug a MIDI cable from your MIDI interface to the MIDI-DIN socket on the 880.

3. Power up the 880 while holding down the START/STOP button. Continue to hold the START/STOP button until the SYNC LED turns red. The 880 is now ready to accept the firmware sysex file.

4. Using your MIDI utility software, send the MIDI sysex firmware update file to the 880. When the 880 recognizes and begins to load the new firmware the SYNC LED will turn yellow and begin flashing very rapidly. The SYNC LED will remain solid red if the firmware is not being received.

5. Wait until your MIDI utility software finshes sending the sysex firmware update file. When it finishes the 880 will reboot with the new firmware installed.

FIRMWARE UPDATE TROUBLESHOOTING:

If the 880 does not accept the firmware the SYNC LED will remain solid red and the current firmware will not be overwritten. Turn the 880 off and then on again without holding the START/STOP button to boot into the current firmware or power the 880 on while holding down the START/STOP button to try again.

If the 880 begins to receive the firmware (SYNC LED turns yellow and flashes rapidly) but the transmission is interrupted then the existing firmware is partially overwritten and the 880 will not function. Do not panic. Power off the 880 and power it on again while holding down the START/STOP button. Wait until the SYNC LED turns solid red and then try sending the sysex firmware update file again.