

# THEREMINI FIRMWARE v1.1.1 UPDATE INSTRUCTIONS

## ***VERY IMPORTANT***

Before you start the update process, ensure the power and USB connection to your Theremini is secure and cannot be unplugged by accident, by a roommate, or the family dog. Each of these examples have happened, so please be careful.

## **UPDATING YOUR THEREMINI FIRMWARE**

The instructions below refer to firmware installation using the C6 SySex Utility included with this firmware update.

**1.** Begin with your Theremini powered **OFF**. Press and hold the **ROOT**, **SCALE**, and **SETUP** buttons simultaneously. While holding these three buttons, turn the power **ON**.

**2.** The display will power up in firmware update mode. Wait until the words “**THEREMINI BOOT SEND ERASE**” are displayed.

**3.** Connect a USB cable from the Theremini directly to your computer. **NEVER use a USB Hub.**

***Note:** If you are on a Windows computer, you might have to wait for Windows to load a driver for the Theremini's USB MIDI connection.*

**4.** Launch the included C6 Sysex tool on your computer.

**5.** Click the **CONFIG** button at the top right of the C6 screen.

- a. Select “**Moog Theremini Updater**” as your MIDI OUT device. (Windows XP users will select “**USB Audio Device**”).
- b. Click OK to close MIDI preferences.

***WARNING:*** Do not change any other preferences.

**6.** Click the **LOAD** button in the top middle section of the C6 screen; a file browser will open.

**7.** Select the file “**Theremini\_Erase\_Firmware.syx**” and click **OPEN**.

**8.** Select **Theremini\_Erase\_Firmware.syx** file on the main screen and click **SEND**.

(The current firmware on your Theremini will be erased. This operation is complete when the display reads “**THEREMINI BOOT ERASE COMPLETE SEND CODE**”).

9. Click the **LOAD** button in the top middle section of the C6 screen a file browser will open.

10. Select the file **“tmini-fw-1.1.1.syx”** and click **OPEN**.

11. Select **tmini-fw-1.1.1.syx** on the main screen and click **SEND**.

*(The Theremini will now load its new firmware. This operation will take a few minutes to complete. During this time you will see loading information on the Theremini’s display. Once the firmware update is complete, the Theremini will restart by itself.)*

### **CONGRATULATIONS! YOUR FIRMWARE UPDATE IS NOW COMPLETE.**

After updating your firmware, you will need to re-calibrate the Theremini. Refer to the Theremini Quick Start Guide or Owners Manual for instructions on how to calibrate your Theremini.

### **TROUBLESHOOTING:**

- If the update is interrupted or fails to complete for any reason, restart your Theremini by turning the power off and back on. \*The display should read “Send Code”. \*\*Verify your Send-Sysex settings. \*\*\*Send the firmware file again.
- If your Theremini LCD displays “Send Code”, the Theremini is waiting for you to send a firmware update. Be sure to use undamaged cables and ensure your Sysex software is set up correctly, before send a firmware file again.