

MOOG ONE FIRMWARE UPDATE V1.3.1

April 6, 2020

For help knowing how to update, you can follow the step-by-step process in this video [How to Update Firmware](#).

WHAT YOU WILL NEED

- A Computer
- A USB Flash Drive
NOTE: *If the drive was formatted on an Apple computer, it must be reformatted to FAT or FAT32 in order for Moog One to recognize the drive.*
- Internet access

HOW TO CHECK YOUR FIRMWARE VERSION

1. Press the **SETTINGS** button in the Center Panel.
2. Use the Master Encoder in the Center Panel to scroll down to UTILITIES.
3. Press the Master Encoder to select UTILITIES.
4. Use the Master Encoder to scroll down to FIRMWARE VERSION (the installed version will be displayed here).

HOW TO UPDATE YOUR FIRMWARE

1. Download the newest Moog One Firmware from <https://www.moogmusic.com/products/moog-one>
2. Open the zip file.
3. Open the folder titled "Moog One v1.3.1".
4. Inside of this folder is another folder titled "Moog One Firmware v1.3.1". Open this as well.
5. Locate the Firmware file titled "moog-one-v1.3.1". Copy this file to the root directory of your USB Flash Drive.
NOTE: *"Root directory" refers to the highest level directory in your USB Flash Drive, meaning the Firmware file should not be placed in any folder.*
6. Safely eject the USB Flash Drive from your computer and plug it into the USB HOST port on the back of your Moog One. Allow a few seconds for your Moog One to read the drive.
7. Press the **SETTINGS** button in the Center Panel of your Moog One.
8. Use the Master Encoder to navigate to UTILITIES - UPDATE FIRMWARE and press the Master Encoder to select UPDATE FIRMWARE. (All firmware versions located in the root directory of the USB Flash Drive will be displayed).
9. Use the Master Encoder to scroll to the desired firmware version and press CONFIRM to begin the firmware update process.

The firmware update process may take a few minutes to complete (~5 minutes). When done, you will be prompted to restart your Moog One. This restart process may take longer than normal as the instrument may need to update its internal settings (~10 minutes).

If you have any questions or trouble with your update, please contact techsupport@moogmusic.com.

V1.3.1 RELEASE NOTES

BUG FIXES

1. Fixes bug that could cause effect presets to not be recalled correctly.
2. Fixes bug with synced looped envelopes that could cause voices to become silent
3. Fixes bug with very long envelope times behaving erratically.

KNOWN ISSUES & CONTINUED IMPROVEMENTS

Further improvements to tuning intonation are well underway and nearing the testing stage.

A user-facing calibration and tuning menu is being tested and is planned for release in one of the next few updates.

Improvements to filter keyboard tracking are also in process.

FIXES FOR MOST OF THESE ITEMS ARE ALREADY IN PROCESS

1. Assigning controllers (such as Expression Pedal) to VCA Level doesn't give good results.
2. Chord Mode doesn't handle note-off correctly, for the case where more than one instance of the same pitch is playing as a result of multiple overlapping chords being played.
3. Rapid tempo changes can occasionally cause multiple synced sequences to fall out of step.
4. Sending MIDI CCs to Master Volume, Headphone Volume, or VCA Level and Pan can cause front panel slow down and crashes.
5. When Arp is active, MIDI output will include the arpeggiated notes as well as the original key presses.
6. Playing polyphonically while in Unison Mode can cause voices to drop.
7. Changing preset or initializing patch while HOLD is active causes notes to hang.
8. Sostenuuto mode does not behave correctly (currently identical to Sustain mode).
9. Does not respond to MIDI Sustain pedal messages.