


Winter Modular - Eloquencer 1.4.0 Update Procedures

 **IMPORTANT:** The Eloquencer must be continuously powered during the update process. Place the Eloquencer over a non-conductive surface (plastic, rubber...) or attach it to the synth as usual. Make sure the USB cable and the Eloquencer are steady during the whole update process. A loss of power, a short-circuit with a conductive surface, or a movement in the USB cable while updating could 'brick' the Eloquencer.

Update Instructions

- Go to the GitHub repository: https://github.com/enoughframes/ELOQUENCER___UPDATER and download the updater using the green button.
- Unzip the file and choose your operating system.
- Connect the module to the power bus and power up your system.
- Connect a micro USB cable from the computer to the Eloquencer (left side, under the 'ELOQUENCER' logo).
- Give some time for the system to recognize the port.
- Run the program.
- Choose the port. (In Windows it should appear as 'PORT XX (probably the biggest number port)', in macOS it should appear as '/dev/c.usbmodemXXXXXX')
- Press the 'Update Firmware...' button.
- Wait until the message 'Firmware Update Complete' appears.



Notes:

- Make sure you are using a USB Data Transfer cable (not just a USB charging cable). Some people have encountered issues because of this.
- If the updater does not detect the Eloquencer, close the updater, try another USB cable, and run the application again.
- Note for macOS users: Due to Apple's security settings, when running the updater for the first time, macOS may block the application from opening. If this happens, right-click the application and select 'Open,' then confirm that you want to run it. In some cases, you may also need to go to System Preferences > Security & Privacy and manually allow the application under the 'Allow apps downloaded from' section.

The update process is now done.

Troubleshooting

The possibility to brick the module is very low, practically null if you carefully follow the instructions.

If something went wrong during the upload process and the module does not light up after reboot, follow this procedure:

- Close the updater and power off the synth.
- Power the synth on again.
- Launch the updater.

If the port can still be seen but nothing appears on the Eloquencer, it means it is semibricked.

If you can't see the port, it means the Eloquencer is fully bricked.

If the module is semibricked:

- Good news: you just need to repeat the update process from the beginning.

If the module is fully bricked and your serial number is above 6000:

- Power off the synth.
- Find a piece of metal (a short cable will work perfectly).
- Locate the two pins at the back of the module labeled 'un-brick'.
- Use the small cable to join them (no need to solder).
- Power on the synth while holding the piece of cable across the pins. Wait a couple of seconds and remove the cable.
- The module is un-bricked, and you can repeat the update process.

If the module is fully bricked and your serial number is below 6000:

- A more complex recovery procedure is necessary.
- Please contact Winter Modular via the website contact form for assistance.

Additional Procedures (only for first batch Eloquencers, serial numbers below 2000)

If you have a second batch Eloquencer or you have already done this procedure, you don't need to continue.

A) CV IN 0V Calibration

- Put the physical switch (PCB rear upper left) at 5V (down position). If you don't have an indicative sticker, set all switches down for -5V/+5V.

- Disconnect any cables from CV IN 1 and CV IN 2.

- Go to Options > Tune > Zero Gap Tune.

Testing:

- Ensure all channels are unmuted in MUTE mode.

- Go to OPTIONS > CV 1 assign > MUTE BIN.

- Assign all tracks.

- Set CV IN range to -5V/+5V (hardware switch should be in 5V position).

- Play the sequencer and check if lights blink when an LFO is plugged.

- Disconnect the cable and ensure the lights are off.

- Repeat the process for CV IN 2.

B) CV IN Tuning (for V/oct signals)

- Go to Options > Tune > CV IN Tune.
- Connect CV OUT A to CV IN 1.
- Connect CV OUT E to CV IN 2.
- Set 'CV in range' switch to 10V (up).
- Press the encoder.
- Set 'CV in range' switch to 5V (down).
- Press the encoder.

Done!

Enjoy your Eloquencer :)