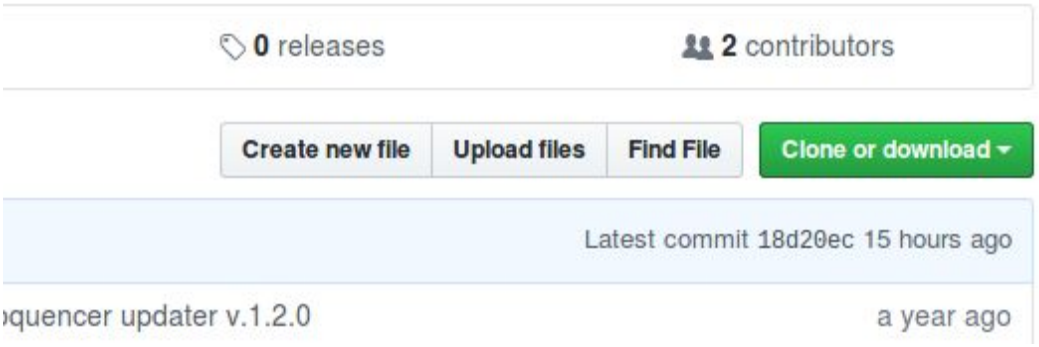
Winter Modular

Eloquencer 1.3.0 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 all the update process. A loss of power, a short-circuit with a conductive surface or a movement in the usb cable while updating will 'brick' the Eloquencer.

Some Windows users have encountered problems updating the Eloquencer, please make sure that your antivirus program don't stop the updater, letting the antivirus finishing the updater check or pausing the antivirus while executing the updater.

- Go to 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 macOS it is recognize as '/dev/cu.usbmodemXXXXXX' , in Windows it is recognize as 'Port X', in Linux it is recognized as 'dev/ttyACMX')
- Press the "Update Firmware…" button
- Wait until the message "Firmware Update Complete" appears

*** Note :

Make sure you are using a USB Data Transfer cable as opposed to 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.

The update process is now done.

The following procedures only need to be done if you have a first batch eloquencer (serial number beside the power connector is below 2000) and you have never updated. If you have a 2nd batch eloquencer or you have already updated and done this procedures before you don't need to continue.

Calibration:

A) Cv in 0V calibraton:
this tuning procedure helps the system to know what is 0 Volts when no cable is plugged in the CV inputs

- Put the physical switch (PCB rear upper left) at 5 V (down). If you own a first batch unit and you don't have an indicative sticker just set the switches down for -5/+5V.
- Disconnect any cables from CV IN 1 and CV IN 2.
- Go to Options > Tune > Zero gap tune

To test the tuning :

1. Go to MUTE and make sure that all channels are unmuted.
2. Go to OPTIONS > CV 1 assign > MUTE BIN
3. Go to. "tracks" assign and choose all the tracks.
4. Choose the CV IN range -5V/+5V setting (the hardware switch should be in the 5v position).
5. Put the sequencer in play
6. Put any LFO into the CV IN
7. Go to MUTE and check that track button lights are blinking
8. When disconnecting the cable in the CV IN the track button lights should not be on or blinking, otherwise try the tuning procedure again.
9. Repeat process for the CV IN 2

B) Tune the CV INPUTS:
This tuning is necessary if you want to control the CV IN assign of CV add or CV Q using a V/oct signal. For example you want to transpose a sequence using CV add and a keyboard connected to the CV input.

Have in mind that these CV inputs were not originally intended for this purpose and some unexpected behaviour can happen in some occasions like some notes jumping to the contiguous semitone.

1. Go to Options > Tune > CV IN Tune
2. Connect CV OUT A with CV IN 1
3. Connect CV OUT E with CV IN 2
4. Put the physical "CV in range" switch to 10V (up). If you own a first batch unit and you don't have an indicative sticker just set the switches up for 10V.
5. press the encoder.
6. Put the physical "CV in range" switch to 5V (down). If you own a first batch unit and you don't have an indicative sticker just set the switches down for -5/+5V.
7. press the encoder and you are done.

Enjoy your Eloquencer :)