This firmware, when installed on your E352, will OVER-WRITE ALL THE PRESETS.

To install the software

a) copy the e352_fmw.bin file to the ROOT directory of your uSD card. The card MUST BE FAT32 formatted.

b) turn off power to the E352, insert the uSD card, and while HOLDING DOWN the encoder knob, apply power.

c) release the knob. The Bootloader should run and detect the firmware file. It will ask if you really want to do this, select YES and click. The new firmware will load.

d) remove the uSD card when the E352 reboots.

Bugfixes:
* Improved algorithm for the frequency readout accuracy

Features added

Linear FM Scaling

When Linear FM is selected, the L/M/H ranges are adjusted as follows:
- Low – 37.5Hz/Volt
- Mid – 596.5Hz/Volt
- High – 9540Hz/Volt [note that the High setting may experience frequency jitter due to the ADC resolution)

User Wavetable Banks increased

Older versions have 8 slots for user wavetable banks (64 individual wavetables). This version expands this to 26 banks (USRA – USRZ) for a total of 1,664 individual wavetables.

A440 Tuning Standard

This drives a 440Hz (+-0.05Hz) sine wave to both OUT1 and OUT2. This is accessed on the About screen, in the lower left corner. When active, a small 'tuning fork' icon is displayed in the upper right corner of the screen. Exiting the About page restores the E352 VCO to the prior state.

Faster Patch Load/Saving

The scheme used in the E370 Quad VCO is now in the E352. The amount of encoder clicks/selection is reduced.

This firmware update will **NOT** erase your existing wavetables, or your calibration data.