**This is the manual for “Le cs15d” by Verylofi http://verilofi.blogspot.co.uk/**

The CS15d is a monophonic synthesizer made by Yamaha in 1979.It has a simple synth section and and another channel with presets sounds.

This is a simple recreation of the synth section, there is no intention of high quality.
The presets section of the original synth is not available on this VST.

Some functions were added :

- The oscillator section is a mix of two oscillators one with a saw shape and one with a square shape. The square shape oscillator can be detuned.
- The Lfo can be synced to the host program.
- The synthesizer has a polyphonic mode.
- The filter frequency can be tracked by the keyboard.
- Bank of 16 presets.

The synth was made in Synthedit, nothing very special just a attempt to recreate the interface of this old synth (thanks to the ebook Visual VST/i-Programming - A Comprehensive Guide to Creating VST-FX and Instruments with SynthEdit. E-Book by Peter Schoffhauzer, David Haupt, and H.G. Fortune).

Some parameters can not be saved within the presets sounds (Volume, main sustain, portamento, brilliance, pitch bend, output on/off, filter key track). When the Lfo sync is set to “Host” the Lfo speed knob is disabled and replaced by the Lfo sync division.

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