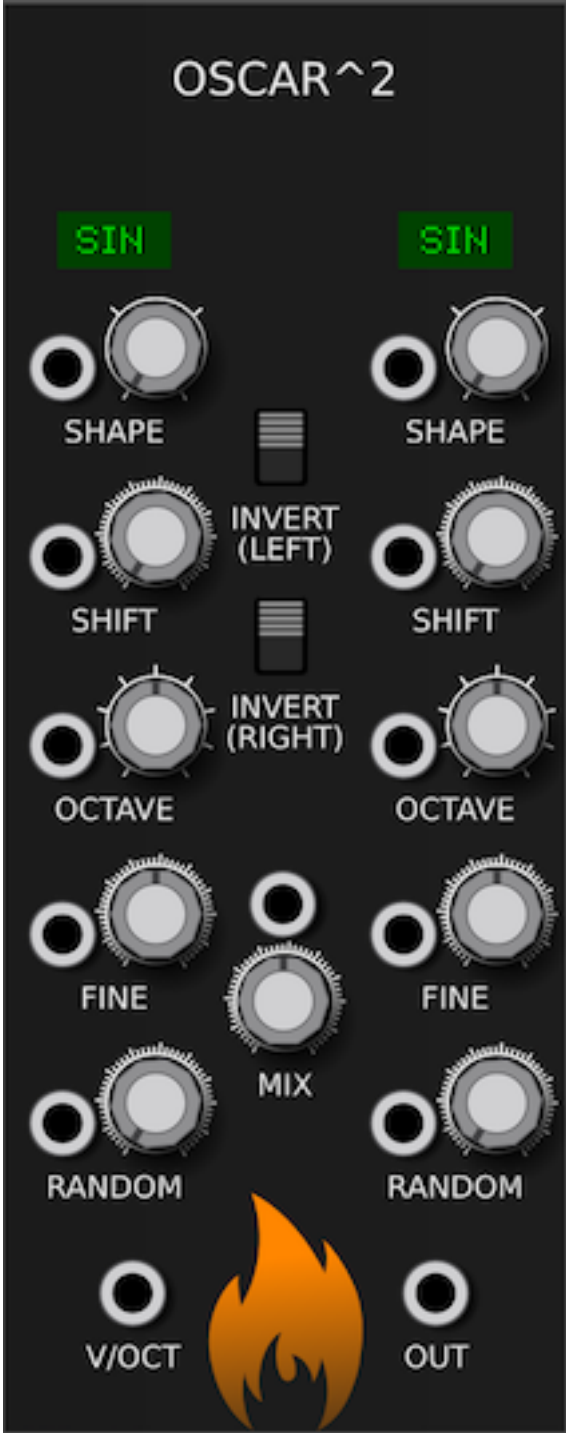# Oscar^2 Manual

SV Modular

Oscarˆ2

Figure 1: Oscarˆ2 Image

OSCARˆ2 is an advanced waveform oscillator. It provides two oscillators that are combined with each other with adjustable parameters.

OSCARˆ2 has a single V/OCT input for note selection, and an OUT port for the resulting waveform.

Waveforms can be selected via the SHAPE selection. This allows for the waveform to be selected with a combination of CV and knob. The knob allows for you to select from:

- Sine
- Triangle
- Sawtooth
- Square

When CV is added, its value is added to the selection, so if the CV input is 1.3, and the knob has chosen *Sine*, then *Triangle* is chosen. The result will be displayed.

SHIFT allows for you to shift the waveforms starting position, from 0 to 10, where 0 is not shifted at all, and 10 is shifted 100% to the right. The SHIFT CV value can be added to the knob value.

OCTAVE is a nine octave selection. The knob value provides the octave, and the CV value can be added to this.

FINE provides for fine tuning.

RANDOM changes the possibility of a waveform drawing being skipped. Instead of outputing a waveform, 0 is output.

The resulting output is a combination of the two waveforms, mixed by the MIX input.