

Oscillators

Frequency

The pitch – in Hz or cycles-per-second – of the oscillator.

440Hz is A over middle C (A4).

An octave up means doubling the frequency, so 880Hz is A5.

An octave down means halving the frequency, so 220Hz is A3.

Oscillators

Transpose and Detune

To set the pitch of an oscillator in musical terms (instead of thinking in Hz), synth.kitchen's oscillator modules have two additional parameters:

- transpose
- detune