

Oscillators

All synthesizers use some kind of sound source

Oscillation refers to cycling, or going back and forth over and over.

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.