Altered Temperament Expression

User Guide

When you open the VST you will see this.
Select the first drop down to change the tuning system
Select the second drop down to change the waveform of the synth.
Select the info button to view a tuning system’s info.

Equal Temperament

Equal Temperament was invented by Zhu Zaiyu, a Chinese Mathematician in 1596.

Notes in Equal Temperament are calculated by a formula.

\[ 2^{\frac{x}{y}} \times (\text{Hz}) \times x = \text{position of note in the octave}, y = \text{number of notes in the octave}, \text{Hz is the frequency of the first note in the octave.} \]

Standard modern music theory applies to 12 note equal temperament.
Change the filter parameters of the synth through the filter module.
Change the gain through the gain slider.
Change the parameters of the envelope of the synth using the envelope module.
Create your own custom equal temperament tuning system using the system builder module (only visible when equal temperament is selected). First parameter (from left to right) is the base, second is octave size, and last is the starting frequency. Click on build to create the temperament.