

Guidance for using VoceVista Video Pro to measure vibrato

Open up the program

Click “View” – select “Vibrato”

This will display a real-time trace of your vibrato rate as you sing

This will work on sustained single pitch only for most accurate results

You can change vowels and dynamic level, but not pitch

Click “View” then “Vibrato” then “Analysis”

You can enable or disable displaying the real-time rate trace, and can add or disable a real-time trace of the vibrato extent over time. You can also get values for any moment in time in the spectrogram by moving your cursor around in the spectrogram.

You can dig deeper by clicking on the gear icon to adjust how wide of an extent or how fast of a rate the real-time display will show

To get a mean rate or extent for an extended note, click on the spectrogram where you want to start, and depress CTRL to click and drag to select a sample. Mean values for frequency, vibrato rate, and vibrato extent now appear on the far right

Guidance for using VoceVista Video Pro's synthesizer

Open up the program

Click “Edit” then click “Open sound generator”

You should have a pop up with three tabs – (1) Fundamental and overtones; (2) Modulation; Resonances.

Fundamental and overtones – can select the pitch, # of harmonics, and spectral slope

Modulation – can create a frequency vibrato (sine wave), setting the rate and extent

Modulation – can create an amplitude vibrato (sine wave), setting rate and extent

Resonances – can set center peak of each resonance, bandwidth of each