

Welcome to GTune

GTune is a chromatic instrument tuner which operates much like similar hardware units. It will automatically detect the pitch of a note being played, and display the closest corresponding Western scale note.

You then change the pitch of your instrument, using the "LED"-like indicators and the numerical read-out in order to bring your instrument quickly and accurately into tune.

Hints

- Guitar-players should use a neck pick-up if available, as it generally carries more of the fundamental tone needed for tracking. That said, freedom from a noisy signal is more important, so try different pick- up selections to see which works best for you.
- Use a fairly "hot" signal, as detection will be more accurate and the note's pitch will be tracked for longer.
- Minimize noise in the signal as much as possible, but do not use a "gate" effect to do so.

Interface



The GUI has four parts. From top to bottom these are the reference frequency control, the main display, the coarse-tune "LED" indicators and the frequency readout.

Reference Frequency: This controls the frequency of the A above middle-C, usually 440Hz.

Main Display: The main display displays the Western scale note to which the currently-played note is closest.

LED: "Lights" to the left of centre indicate that your note is flat compared to the target note shown in the main display. "Lights" to the right indicate that you are sharp. If the middle "light" is activated, you are essentially in tune.

Frequency Readout: The small window at the bottom of the GUI displays the frequency of the note you are playing, in Hz. To the right of this, you are told in cents how flat (-) or sharp (+) your instrument is, compared to the target note. Handy for fine-tuning your instrument!

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Credits

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