TE Tuner 2020

Welcome to a well-tuned world!



Welcome to TE Tuner!

Precise tuning is a hallmark of ringing barbershop sound. As we become more accomplished singers and fine-tune our ears, we can utilize more tools to help us find that elusive overtone.

TETuner is an app that provides visual confirmation of your tuning skills. It is meant to be a tool, used to help (not frustrate!) you build the body memory of singing in tune. TETuner is available for both iOS and Android, and costs \$3.99 (as of 4/2020). It is well worth this price. There are other free tuners out there, but few have the combination of features that make it the perfect tool for barbershop singing.

TE Tuner is a robust app, filled with tools for vocalists and instrumentalists. Let's explore!



120 bpm

Wind

Med

anspose: C

A = 440.0Hz Equal Temp Q

(This is what TE Tuner looks like when you first open it – factory settings)

-35.5

cents

Metro

↓ ,

Tuner

General Information

Setting up your preferences

Set Your Preferences

Most of these options will be preset to work for singing needs.

The main thing to check here is ALTERNATE TEMPERAMENT = Pythagorean. This is the tuning system we use for barbershop, and it takes into account the specifics of our art form.

Further down the list, make sure SHOW OUT OF TUNE FACE = on.



Now, set Pythagorean Temperament for your session. In the upper left corner of the SOUND screen, tap the Temperament button until it says PYTHAGOREAN. (If you tap and hold, you get this pull-down menu, which allows you to select a different tuning system).

At the bottom of the SOUND screen, tap the button at lower right to select VOICE Mode, and MEDIUM in-tune range. (If you set FINE range, you get more gradations of tuning).

Now switch to the SOUND page.

(Set the DAMPING to NORMAL rather than SLOW).



Last pref is to set the instrument for the drone sound (continuous DOH).

Pull down the SOUND tab and select TRUMPET (it's the best drone). You'll want to pick a drone that can be heard above the singing!

Finally, set TRANSPOSITION to C(+0). Any other transposition setting will transpose the key from what you select in the next step.



Using Freado

You will have choices, depending on how you wish to use TE Tuner.

Shown here are the two screens you will use most: TUNER and SOUND.



On the **TUNER** screen, you can:

- 1. Set the pitch (key) of the song by double-tapping the ring
- Set the tuning system/temperament (Pythagorean)
- 3. See your tuning progress as you sing
- 4. See your tuning history for this session of TE Tuner



On the **SOUND** screen, you can:

- 1. Set the pitch (key) of the song by double-tapping the ring
- Set the tuning system/temperament (Pythagorean)
- 3. See your tuning progress as you sing
- 4. See your tuning history for this session
- 5. Set a continuous tone for Doh to sing against (double-tap the Sustain button)
- 6. Set your tone octave (4 = middle C area)



Overview

Here's a quick video to recap the functions we covered today.

tonalenergy.com/products/te-tuner/



Thank You

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