

# Installing PitchLab by Karl Morton (guitar tuning app)



1. On your iOS device, go to the app store and download the FREE Pitch Lab app:

<https://itunes.apple.com/us/app/pitchlab-guitar-tuner-free/id732850624?mt=8>

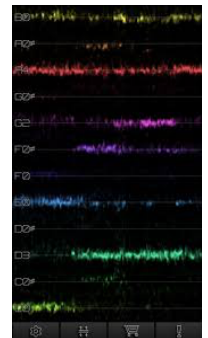
(other info here: <https://appadvice.com/app/pitchlab-guitar-tuner-free/732850624> )

2. Go to SETTINGS (wheel icon): for list of upgrades/add ons

3. Add PITCH SPECTROGRAM component for 99¢ (we will reimburse you)

—> you must enter your Apple ID for this step

4. Once app is on, use your finger to swipe left on the screen through the different images until you get to one that looks like this:



5. Y axis= notes (frequencies) and X axis =time. You will see background noise when you aren't speaking/singing.

6. Proceed to the next tutorial to play!