AirVox Help Guide

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Sync

You control AirVox by moving your hands in the air. Each time you open the app, AirVox attempts to automatically recognize your hand and "sync" with it. You can also ask AirVox to "re-sync" any time when the app is open. You may want to do this when you move the device to a new location while AirVox is running, or when lighting conditions change and AirVox is no longer tracking your hands as it should.
For best results, follow these guidelines each time you launch or re-sync AirVox:

1) Start by finding a place where you can control AirVox comfortably, such as a table or a desk. Place your device flat with the front-facing camera on your left side.

GO!

2) Launch AirVox (or touch ⬛ if you are re-syncing). **Make sure you are not visible on the screen as AirVox prepares. DO NOT move the device!**

3) When AirVox is ready, place your hand about 1 ft (30 cm) above the camera so that it is clearly visible on the screen. Hold still for a few seconds until AirVox finishes detection.

> ***TIP:** AirVox works best in **well- and evenly-lit** environments
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> ***TIP:** AirVox works best when the camera is **away from direct light sources** (such as a ceiling lamp)
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> ***TIP:** For optimal results, You should **re-sync AirVox** each time you move to a new location, or when the lighting changes
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> ***TIP: If your first attempt at syncing doesn't work well, you can simply move the device a few inches and sync again. You can sync as many times as you'd like**
>
> ***TIP: Avoid situations where lighting may change: strobe lights, light from screensavers, and the similar may interfere with the ability of the camera to correctly detect your gestures**
>
> ***TIP:** Ensure your front-facing camera is clean and free of smudges for best results.
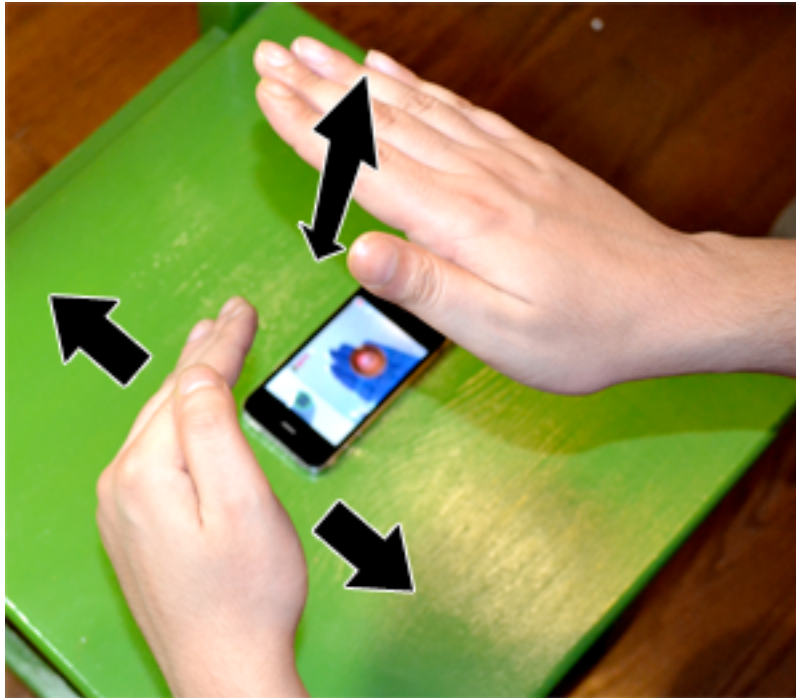
Remember: AirVox is a precision musical instrument controlled only by your hand gestures. In order to obtain the best control, a steadily well-lit environment and correct positioning of your device, as well as your own comfort in moving your hands, are important.

Play

AirVox's default setting allows you to play it with just one hand. However, you can use both hands to control the sound, and indeed some of the included presets are configured for two-hand control.

The AirVox main screen has a **thin vertical border** that separates the regions controlled by the left and the right hand.

Example of Left & Right Hand Stance and Motion

Right-Hand Control

Use your right hand to control the pitch. For beginners, the pitch is most easily controlled by moving the palm of your hand away from or towards the device. The nearer your palm, the higher the note; the farther your palm, the lower the note.

As you get more advanced, you can combine this with various hand gestures and movements for a more fluid performance technique.

The default musical scale is C Major, although many more scales are available in the AirVox settings.

Left-Hand Control

Use your left hand to control a sound parameter other than the pitch. You can choose a parameter by going to AirVox settings. You should position your left hand as shown so that only your fingertips are visible on the Left-Hand Control Area. You control the parameter by moving your hand forward and back.

Right Hand Holds a Note while the Left Hand Raises the Volume

The default setting when you first launch AirVox does not have a parameter assigned to the left hand. However, some of the included presets allow you to control such parameters as volume, vibrato or audio filter.

*TIP: Make sure your left hand doesn't block the camera

*TIP: AirVox works best if your hands are 8 inches (20 cm) or further from the screen. Getting any closer could block the light coming into the camera.

*TIP: You can develop your own playing technique by combining hand gestures, motion and distance. Feel free to explore. You can also watch the videos at the AirVox Website for inspiration.

Discover
Use the buttons on the options setting bar to...

Adjust the oscillators or filter

Access delay and chorus

Access vibrato, tremolo and tone modulation effects

Choose a preset setting or save your own preset

Here you can choose the musical scale, root note and octave range controlled by your right hand, or select which sound parameter you would like to control with your left hand. You can also set AirVox to go silent when your right hand is offscreen, or specify whether you would like to see the note names appear onscreen as you play.

Record

Hit in the recording menu to begin recording. You will have a 3-second

countdown before recording begins. When finished, hit to stop. To save

your recording, use and give it a name. You can audition your last
recording by pressing the play button in the recording menu.

Share

Touch to access the Audio Files browser. Here you can view, play, share
or delete your recordings. Options are:

- **SoundCloud (requires SoundCloud account) plus access to Facebook and Twitter (via SoundCloud)**
- **Email**
- **Wi-Fi**
- **Audio Copy**