



## Classroom Recording Booth Guide

When considering the environment for recording vocals or acoustic instruments in a classroom setting, there are two factors you need to address: sound isolation and absorption.

The natural reverberations that would be picked up from a condenser mic in a classroom are generally horrible and will only be enhanced and ruin the take in the mixing phase. The aim of your vocal booth is to remove as much of that undesirable room noise and create as dead a sound as possible. Treatment should isolate the sound going into the microphone enough to filter out low level noise of the room (AC, street noise, etc.) and absorb reflections to cut down on frequency cancellation, etc. Thickness of the barriers help with the isolation and the type of material used helps with absorption.

Here is a non-exhaustive list of a few options to think about sorted from least to most expensive.

- 1) [DIY Options](#) This link covers a few DIY options for building a recording booth. Options 3 and 4 starting at the 5:30 mark in the video make the most sense. #4 Seems the best, but requires a little building.  
I've also built acoustic panels with Roxul insulation batts in a wood frame that are fairly cheap and work pretty well. If you are handy, you can create an enclosure with those. Something like what's described in [this video](#) might work. I would just added another partition behind the vocalist or make it a 4 wall enclosure instead of just 2 walls at an angle described in the video.
- 2) [Vocal Booths To Go](#) This link is a website that sells a number of different mid to high level options for portable vocal booths. It is also where you can purchase the acoustic blankets mentioned in the DIY option from the previous link.
- 3) [Isovox](#) Here is another option that goes around the mic but with thicker walls, but could only be used for vocals.
- 4) [Pro Option](#)- This is the website for the Whisper Room. As it is the pro and most ideal option, it also is the most expensive. About \$4000 will get you great sound isolation and acoustic treatment designed for recording. It is also movable once assembled.