

Audyssey Setup Guide

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The step-by-step instructions below are based on information collected from the Audyssey FAQ, located here: <http://www.audyssey.com/faq/index.html> and the AVS Forum Official Audyssey thread, located here: <http://www.avsforum.com/avs-vb/showthread.php?t=795421>

Disclaimer: The following procedures may not work in all cases, as there are too many variables to account for in this document. If you feel further assistance is required, please visit the AVS Forum Official Audyssey thread. Last, this document has been proven to lead to Audyssey Obsessiveness Syndrome (AOS) in some susceptible Audysseyphiles.

I. Room Setup

- A. Lower the noise floor of the room (<45dBA) by turning off the HVAC system, projector, etc.

II. Subwoofer Setup

- A. Determine the optimal placement of the subwoofer within your room using common accepted practices. (location, location, location)
 1. Here are some useful references for subwoofer setup:
 - a. Audioholics subwoofer placement article: <http://www.audioholics.com/tweaks/get-good-bass/subwoofer-placement-the-place-for-bass-part-1>
 - b. Harman multiple subwoofer placement white paper: <http://www.harman.com/wp/pdf/multsubs.pdf>
- B. Disable the Low-Pass Filter (LPF) on the subwoofer, if allowed.
 1. Disabling the LPF will result in more accurate subwoofer distance measurements.
 2. If the LPF cannot be disabled, set it to the highest frequency allowed.
- C. Ensure the subwoofer(s) are at least 3 – 5 inches (7 – 13 cm) from the wall.
 1. Reverberating walls may result in inaccurate subwoofer distance measurements.
- D. Set the subwoofer polarity (0 or 180 degrees), (+ or -) to “0” or “+”.
- E. If the subwoofer has a phase control (in addition to the polarity control), set it at “0”.
 1. Phase controls on subwoofers apply "delay" at one frequency rather than the needed group delay that is frequency-independent. So, it is best to just leave them at “0”.
- F. If the sub has an EQ system, you can use it to tame large peaks (see item 1 below) before calibrating with Audyssey, but this is generally not recommended. Most of these EQ systems only allow one measurement position, and therefore only correct the amplitude (volume) for one seating position. Audyssey adds the benefit of measuring in the time domain for multiple seating positions to create an acoustic bubble.

