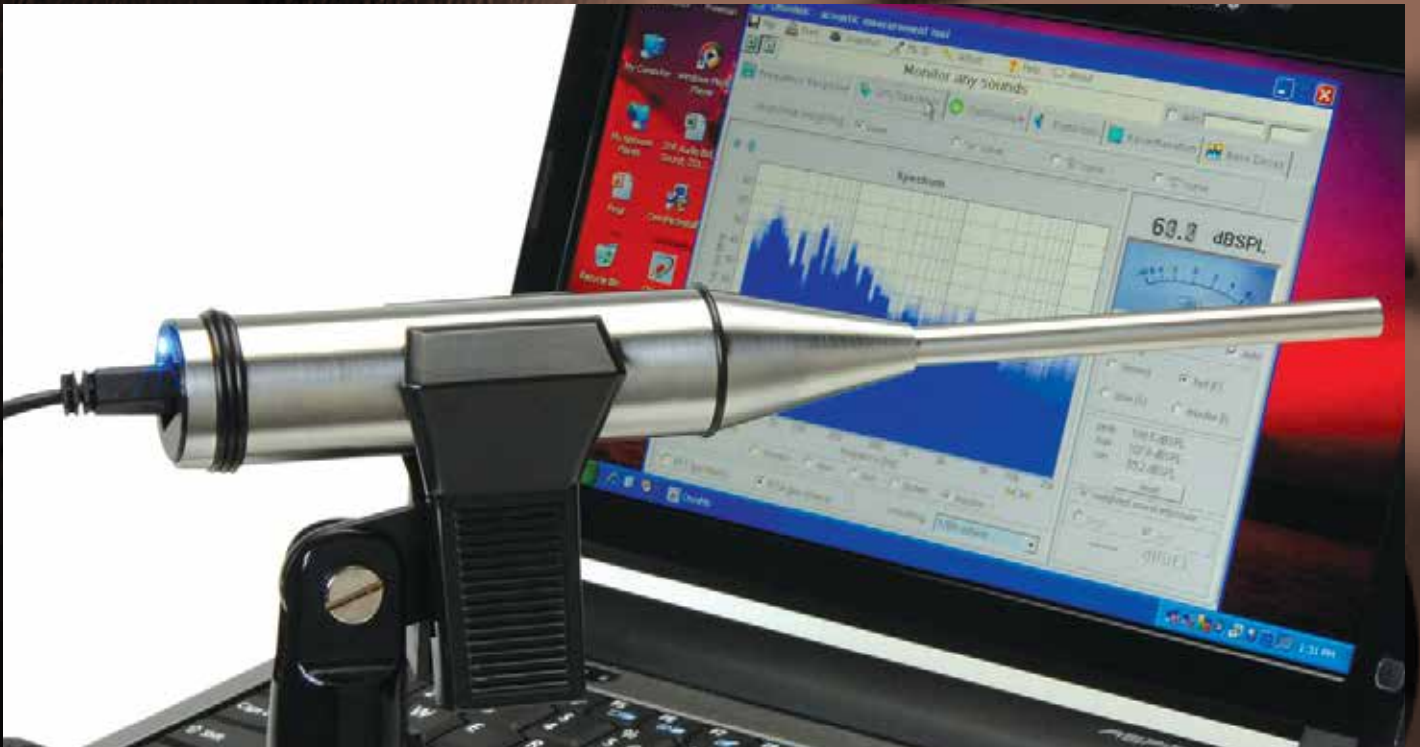


# Audio Calibration

## Why should I have my audio system professionally calibrated?

Investing in expensive components without calibration can be a terrible waste of money!



### "My theater sounds good, why should I have it calibrated?"

You wouldn't think of driving a car with the engine out of tune, the wheels misaligned and the transmission slipping. You expect the top performance that your car was designed to deliver. Home theater audio is much the same, if you haven't had your system professionally calibrated, it may be giving you bad performance.

  
GET INTO THE MOVIE

[www.audisee.in](http://www.audisee.in)

## “But you ask, didn't I invest big money on components to ensure that my system would sound great?”

As a matter of fact, if you put the same system in two different rooms the system will sound entirely different in each room. The room in which you install your system influences 60% of the sound and is as much a component of your audio system as the speakers or the amplifier. This is why audio calibration is so important. You need to have Audisee analyze how audio signals behave in your room so we can properly set up your system for optimal performance.

## You want Impact and Clarity, NOT Boom and Sizzle!

Movie makers and recording engineers follow specific industry standards to capture and record the sound (Dolby, DTS, SMPTE, and THX). If your sound system and listening room are professionally calibrated to accurately reproduce that industry standard sound, you will be overwhelmed with the experience and a sense of "getting into the movie." You will hear the soft rustle of the leaves in the distance, helicopters will fly right over your head directly in sync with the movie, and dialogues will be crystal clear. You won't have to turn it up louder in the quiet parts of the movie to hear what they're saying and then turn it back down again during the action scenes anymore! If your home theater isn't calibrated, you're being robbed of the full experience the director and audio engineers intended for you to feel.

### A Professionally calibrated sound system will provide:

- Intelligible dialogue
- Pin point focus in a 360 degree sound field
- Smooth frequency response and tight bass
- Life like clarity
- Full, smooth sound which envelopes you
- Subtle details at low volume

No more bad sounding seats

*Mohammed Vasif is a HAA Certified and THX Certified Professional who specializes in this service.*

*Vasif is trained and certified in the science and art of acoustics. Using a professional state-of -the-art Audio Analyzer he will calibrate your audio system to perform better than you ever thought it was capable of. To document your systems performance pre and post Acoustic Calibration Reports will be generated and handed over.*

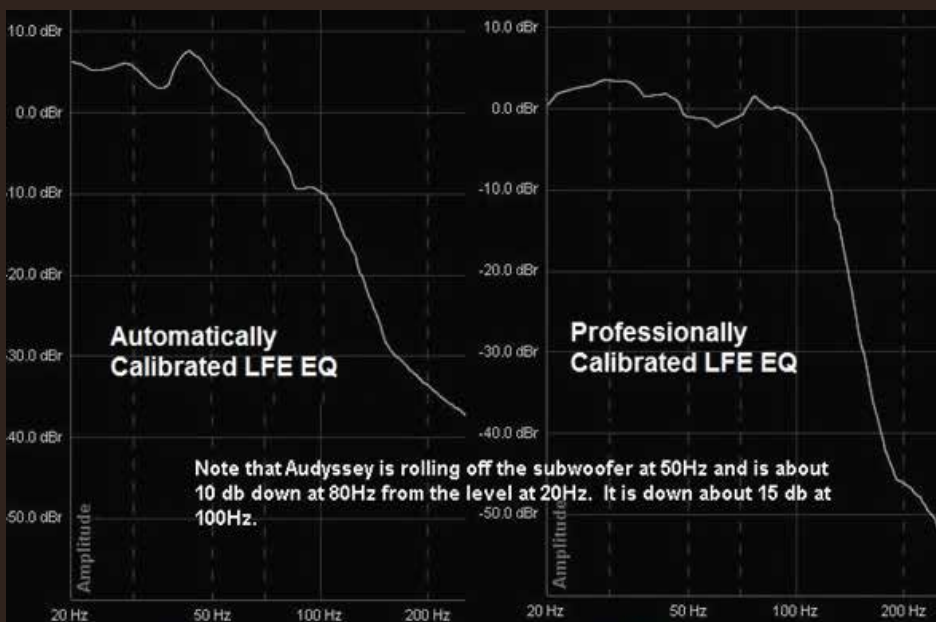
*Even a modest home theater audio system can sound like a system costing much more, providing you with a life like engaging entertainment experience that you'll enjoy sharing with your family and friends.*

### Why inbuilt automated calibration will not have the best results?

Most AV receivers available today come with an automated calibration module built in the system and microphone to help you calibrate your system. The capabilities of a professional calibrator and his equipment far exceed those available from automatic equalization found in receivers or preamplifier processors.

# There are many reasons why professional calibration can be superior to in built calibration unit in products today

- The quality of the microphone is not going to be very high. Quality microphones and electronics need to have flat response and be fast enough to measure room reflections systems that can do this are not cheap.
- The receiver cannot do any adjustments to your subwoofer or speaker placement. These are critical parameters for achieving the best sound quality from your equipment.
- Balancing individual speaker response and overall system response is a very complicated process and subject to significant error if not done appropriately.
- The methods that are employed tend to over process the audio data reducing its clarity. Proper setup of all of your audio components is key to achieving the best results from your system. These components include your cables, receiver, preamp/processor, speakers, subwoofer, room, furnishings and listener positioning. All of these aspects will be reviewed to determine what is best for you.



Mic used in automatic calibration



Calibration equipment used by AUDISEE



# Audio calibration is the only way to capture the full potential of your home theater audio system.

## How does Audisee perform an audio calibration?

We will analyze and remedy installation and equipment problems that limit the performance of your sound system, such as incorrect system or loudspeaker polarities, driver defects, and reflections. We will calibrate your speaker volume levels (SPL), set the time delay correctly and determine optimum locations for your speakers and subwoofer(s) based on the room.

In order to ensure that you achieve rich, reference quality bass and smooth subwoofer(s) integration, we will calibrate the subwoofer(s) output level, crossover, polarity and phase. We will equalize the low frequencies so that you do not miss any audible information or experience loud, boomy spikes.

We will recommend additional optimization techniques to achieve crystal clear dialogue and minimize reflections. Treatment methods can be as simple as using a bookcase or area rug to absorb sound in reflective areas all the way up to professional acoustical treatments to get a balance between focus and envelopment.

*Have Audisee to calibrate your audio system to professional standards and stop merely watching a movie and “Get into The Movie.”*

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