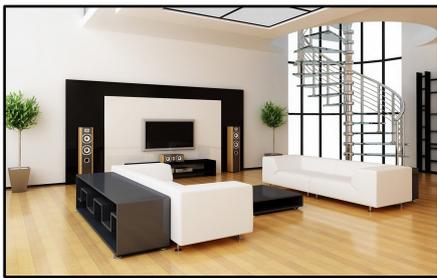


Sound devices such as sound bars, boom boxes or high fidelity sound systems can only sound as good as their environments they play in. Today's interior room designs in modern housings are acoustically active, quite reverberant, and modify the sound experience. The challenge for loudspeaker manufacturers to create a pleasing, most natural, immersive sound field independent of the room can now be solved: **Absolute Precision™** by Sonic Emotion allows the end user to calibrate any loudspeaker or even arrangements of several sound devices inside a room for the most immersive, natural and impressive sound field.

In-Room Calibration

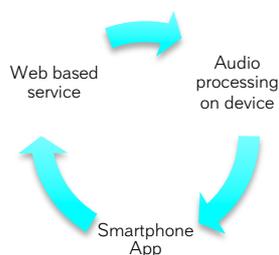


Absolute Precision™ will calibrate the sound inside the room and

- Correct for misplaced speakers and setups
- Calibrate subwoofer output independent of their position
- Match delay, level, and the frequency response for each channel
- Fully automatic conversion from measurements to filter parameters
- Can be used together with **Absolute 3D™** and **Absolute Party™**

Sonic Emotion's **Absolute Precision™** uses sound field control to match the loudspeaker response and the active acoustics of a given environment. Manufacturers can easily implement **Absolute Precision™**, since all conversion from measurements to filtering parameters is handled by the web-based service. This includes smoothing and error correction.

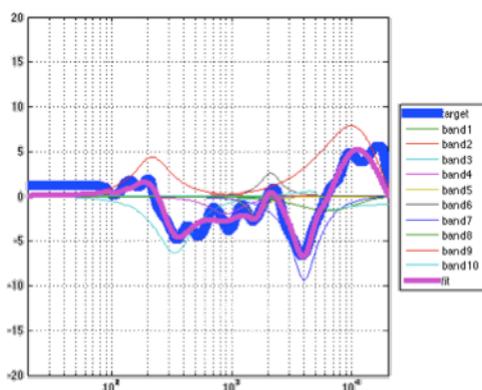
System Requirements



- **Absolute 3D™** (or any sound system with features to modify level, delay, and equalizer parameters settable through Bluetooth or wireless link)
- A smartphone with a calibrated microphone (or some other device that can record a sound and send the recorded data to the internet)
- A web-hosted service to create appropriate settings from each measurement

Manufacturers and brands can tune **Absolute Precision™** to create their signature sound throughout all product offerings and maintain a similar sound tuning independent of the surroundings. Brands have full control on their target sound experience and can be sure it will sound as great in the living environment of their customers.

Easy to use



Using **Absolute Precision™** together with **Absolute 3D™** will create the most immersive experience ever while preserving every sonic detail of the original recording. It is equally well suited for music, movie or even gaming content and will improve the intelligibility of speech through a more balanced sound field.

- Fast and straightforward procedure to calibrate the entire sound system
- Easy to use smartphone app for measurement process
- Improves sound for the whole room, not only at the spot where the calibration has been done