

THE LISTENING ROOM

In the conventional world of loudspeakers much is blamed on the listening room. A few of the problems associated with loudspeakers can be attributed to the room such as size and acoustic absorption but inferior design and engineering is the main problem. You do need enough volume to be realistic capable and over stuffing your room can make it sound dull.

One may ask how can this be, when virtually 100 % of the worlds largest loudspeaker manufacturers, all of the auto manufacturers and even the high-end loudspeaker engineers design the loudspeaker using a special sound room for reference. This special room is used to ignore the resonances and poor dispersion and focus on direct sound in front of the loudspeaker. Even these sound rooms are not standard amongst engineers and designers so who is right? The problem is not the room but the poor dispersion qualities and the susceptibility of the speakers' drivers to be re-modulated by the coherent and non-coherent acoustic signals in the room. This fact is accepted world wide as a physical limitation when in fact it is only ignorance caused by lack of funding or military concern.

What about the subwoofer and its' ability to blend into the audiophile music system? The subwoofer category didn't exist before the introduction of surround sound and went virtually unnoticed in the high-end until audiophiles started creating separate home theaters of their own. Why, they thought, don't I just add one to my two-channel since it makes my home theater sound so exciting? Well it has spread almost like an underground secret that it just doesn't work with two-channel where you concentrate on musical integrity and flow rather than excitement with low frequency volume changes. One may get some initial two-channel excitement but soon more and more unsettling problems begin to surface until you eventually disconnect it. Excitement with music is not hearing a subwoofer but a natural un-segmented flow of sound from a stage or scene while feeling the acoustics of the event.

TBI products use the almost magical ETL™ technology to eliminate these problems associated with loudspeakers. The listening space of each individual will have the ambiance of the recorded venue whether it is action scenes in the movies or intimate reverb from the hall as it was naturally recorded regardless of your rooms' acoustics. Artificial DSP programming only further confuses the sound picture as it accepts the speakers' weaknesses and tries to hide them with artificial time delays. With TBI loudspeaker products your room is your concert hall or movie scene as it was recorded without further adjustments or phony DSP manipulations. Just set it up right in the beginning and enjoy forever.