

*What Some Of Our Satisfied
Customers Are Saying:*



*"The room is very articulate with the slightest
sound being easily heard. The sound of the stereo is
magical, and we were both quite impressed."*

— Michael Harting



*"The overall sound is amazingly improved from
the previous set up. It goes without saying, music
reproduction is not about electronics...it's about
speakers interacting with a room."*

— Ken West



*"While the equipment used in this room is top notch,
I believe their performance is taken to another level
with the ASC treatment."*

— Ferdinand LuDo

ASC | ! ! ! ! TUBETRAPS | ! ! ! !

The **Next** Generation
of Room Acoustics has Arrived.



PATENT
PENDING

DISCOVER THE MAGIC OF PURE SOUND.

Introducing the
**IsoThermal
TubeTraps™**

Discover the final link in your audio system!

Visit us at:

www.acousticssciences.com

Contact us at:

Acoustic Sciences Corporation

1-(800) ASC-TUBE (272-8823)

info@acousticssciences.com

Proudly Made In Eugene, Oregon USA

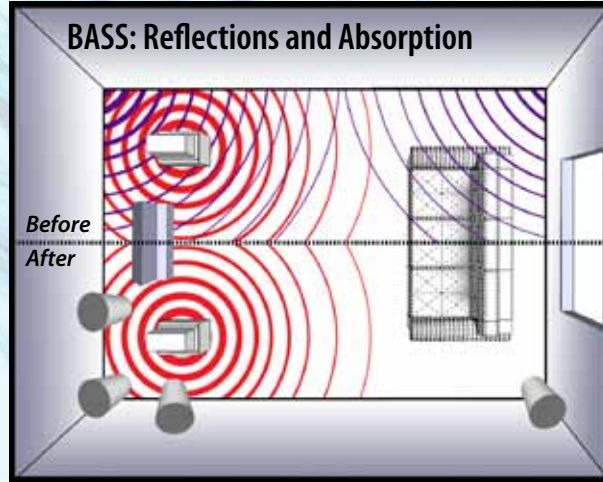
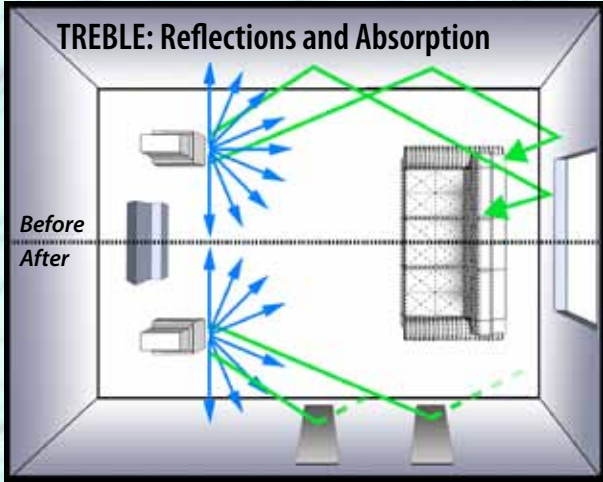
Discover the most *important*
component for getting the ultimate
sound from your listening system!

ASC | ! ! ! ! TUBETRAPS | ! ! ! !

www.acousticssciences.com

Bass and Treble: How to Improve your Sound System:

Woofers and subs generate high power, huge bass waves. Mids and Tweets generate low power, small treble waves. Bass is omnidirectional, and quickly expands to fill the room with reverb. Treble is directional, expands off the speaker front in a well-controlled beam pattern. Bass reverb overwhelms fine grained treble range image and musical detail while blurring transient dynamics in the bass range. Corner-loaded TubeTraps attenuate bass reverb and restores full range musical clarity to your sound system.



→ Treble → Treble Reflections

○ Bass ○ Bass Reverb

Treble is projected out the front of the loudspeaker in the direction of the listener. Sound panels along side the walls absorb early treble reflections which would otherwise mix with the direct signal to cause;
 1: sound stage distortion
 2: image blurring.

Bass is projected in all directions, forward, to the sides, backwards and vertically. Corner bass traps efficiently absorb bass reflections which would otherwise; mix with the direct signal, causing phase add/cancel tonal distortion, and build up bass modes and reverberation which create a sluggish bass line and blurred transient dynamics.

Figure 1: Bass expands equally in all directions and quickly begins to fill the room with reverberation.

Figure 2: Corner reflections create room modes in addition to contributing to the buildup of reverberant energy.

Figure 3: Corner-loaded bass traps reduce mode and reverb build-up as well as improve bass decay rates.

IsoThermal TubeTraps™ absorb and diffuse treble just like the traditional TubeTrap. However, IsoThermals provide up to 30% more absorption in the muddy bass range below middle C and up to 100% more, double the absorbing power, in the sub-bass range below 60 Hz. As with all TubeTraps, IsoThermals work best when positioned in the corners of the room and against the walls of the room nearest the speakers. Keep the treble diffuser rotated towards the room to maintain and enhance upper treble room ambiance.

How IsoThermal Tubetraps Create Better Sound For You:

The new ASC IsoThermal TubeTrap is a self-contained broadband acoustic absorber/diffuser. It works by utilizing a reactive acoustic circuit that is powered by the sound pressure in your room.

It works best where the sound pressure is the strongest, which is in the corners and against the walls in your room. IsoThermal TubeTraps are an improved TubeTrap that provides double absorbing power in the sub-bass range, below 60Hz and enhanced bass absorption up through middle C, or 260Hz.

The IsoThermal TubeTrap includes the traditional, built in treble range diffuser to back scatter and diffuse the upper treble range back into the room and to also enhance development of fine-grained lateral ambience in the room.

Combined with the extended and doubled low-frequency absorption range, the new ASC IsoThermal TubeTrap is the perfect upgrade to your high-end audio system because it helps get your listening room out of the way of your listening experience.

