

CONTROLS ROOM ACOUSTICS

FROM THE BOTTOM UP

Full organ with normal 16's

Gt. } ff

+ Ped. Bombarde 32'

THE ONLY ACOUSTICAL TREATMENT SYSTEM

- Effective Down to 30Hz
- Corrects Low End Phase Distortion
- Damps Standing Wave Room Resonances
- Reduces Room Resonance "Q" Response By 4
- EQ's Low End RT-60 Decay Constants
- Packs 15 Sabines @ 60 Hz Into Each 3' Tube
- Broadband, Adjustable Absorption and Diffusion
- Light Weight, Sturdy and Very Portable



PATENTED
USA, PENDING FOREIGN

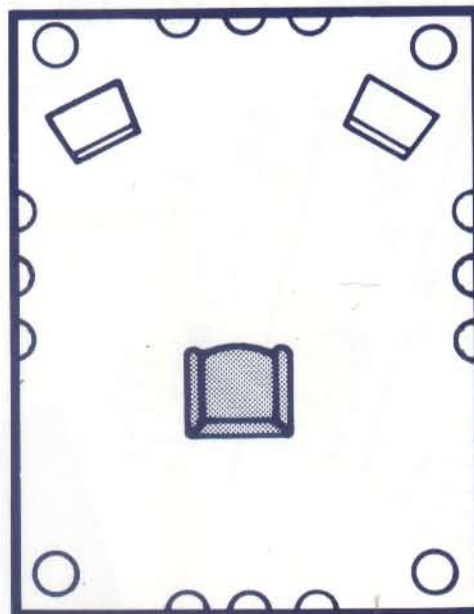
ASC

ACOUSTIC SCIENCES CORPORATION

APPLIED ACOUSTICS • RESEARCH, DESIGN & DEVELOPMENT
 P.O. BOX 1189 • EUGENE, OREGON 97440

CONTROL ROOM ACOUSTICS

- Corner Related Amplitude and Phase Distortion
- Room Boom, Lo-End Mud and Coloration
- Hot and Cold Spots, Lo-End Build-Up
- Excessive Absorption, Dead Room Sound
- Critical Loudspeaker and Listener Placement
- Side Wall Reflections, Flutter Echo
- Listener's Fatigue



All room modes produce high sound pressure levels in the 8 tri corners of the room. **TUBE TRAPS™** are placed in the tri corners to act as "pressure zone bass traps" and dampen all major room resonances.

Flutter echo is eliminated by the diffusion/absorption features of **ASC WALL TRAPS**. The room's "Sweet Spot" is greatly enlarged by the mid bass absorption of these units.

First low end reflection is in rear corner. Its strength and timing cause up to 15° phase and 25% amplitude distortion that is corrected by **ASC TUBE TRAPS™**. Adjustable absorption or dispersion feature is particularly effective for bipolar speakers.

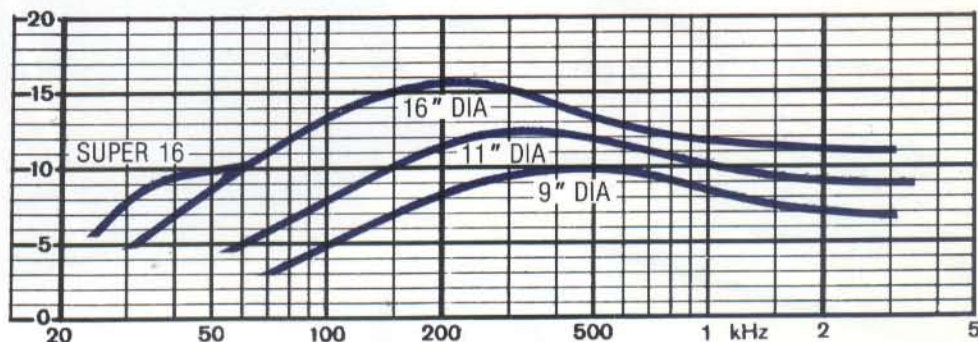
These broad band, passive sound absorbers are very efficient. Due to their "RC time constant" design, they outperform 1/4 wavelength traps some 30 times their size.



IMPROVE

- Bass Definition, Musicality
- Tonality and Transparency
- Imaging, Width and Depth
- Lo-End Transients, Punch
- Mid and Hi Frequency Diffusion
- Lo-End RT-60 Decay Rates

SABINES (UNITS OF ABSORPTION) vs FREQUENCY PER 3' TUBE



ASC HOLDS THE CORNER ON ROOM ACOUSTICS

FOR THE DEALER IN YOUR AREA:
1-800-ASC-TUBE

