



We are Hertz Acoustic & We live for Sound.



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Our STORY

Hertz Acoustic is a prominent brand in Acoustic product manufacturing and over the years, of research into Acoustics and Sound, Hertz Acoustic has come up with a wide range of high-quality Sound products to enhance the sound experience. Hertz Acoustic-Acoustic Designs have been invented by the Founder himself, a Sound Engineer & Acoustic Designer.

Our journey began with the quest to liberate listeners from their audio experience. We wanted to offer the products and services unparalleled in performance. Our scientifically designed and handcrafted acoustic products and High Fidelity speakers ensure that the audience gets best in class experience.

Acoustic

We offer a wide portfolio of products that help to negate reflection & echoes of sound waves over a broad frequency range. their NRC tends to be nearly ideal (1.00) and is tested and proven even in a renowned lab. Over years, we have installed our products in multiple private and public setups including Sound Recording Studios, Post Production Studios, Film Theaters & Auditoriums, Broadcast Channels, Hi-Fi Music Listening rooms, Conference Hall, etc...compliments from our customers act as a testimony to their performance.

Our approach includes understanding the technical problem, knowing the environment, analyzing of route cause, evaluating options, and final recommendation with combination of products. we offer consultancy over the entire value chain from defining requirements to delivery of user experience.

Acoustic Product Range -

Acoustic Panel Hexacut. 3D Hybrid Diffuser Broadband Bass Trap Skyline Diffuser Tube Bass Trap QRD Diffuser Ceiling Cloud
Gobo Trap

ACOUSTIC PANEL

Hertz Acoustic panels are used to reduce unwanted modal & non-modal waves, flutter echo, comb filtering, early reflections and helps to save stereo imaging.

The Panel outperforms these “reflection-free zone (RFZ)” by combining both porous and resonating absorbers to decelerate particle velocity and reduce sound pressure. It comes fully equipped with our Absorbing technology, air gap feature, Aluminum frame and easy mount system.

FEATURES

- Effective Controls primary reflections and flutter echo.
- Higher Noise Reduction Coefficient.
- Attractive panel design and excellent built quality.

TECHNICAL SPECIFICATION

- Dimensions : 48" x 24" x 2"
- Material : Acoustic Polyester
- NRC : 1
- Colors : Blue, Beige, Black

FREQUENCY CHART

Thickness	125Hz	250Hz	500Hz	1000Hz	2000Hz	4000Hz	NRC
(50 mm)	0.26	0.71	1.03	1.11	1.03	1.09	1.00



HEXACUT PANEL

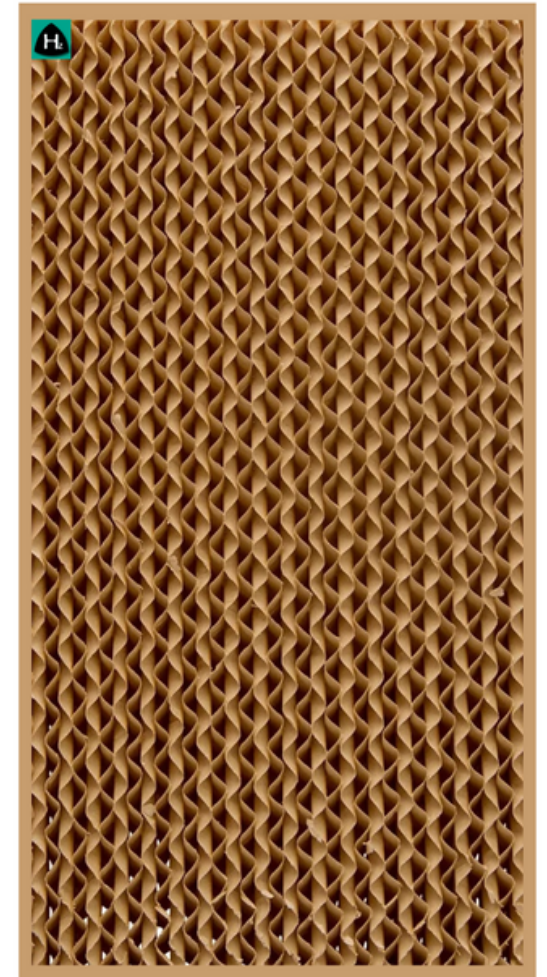
Hertz Acoustic HexaCut Panel is an innovative design for sound-absorbing & Diffusing solutions, used to improve the acoustic environment of various spaces. It is based on the characteristics of Helmholtz Resonator and Acoustic Metamaterials.

FEATURES

- Provides additional Low-End attenuation on & delivering a truer sound.
- Absorption & Diffusion between 100 Hz to 4000 Hz
- Used for wall, corner wall applications.
- Lightweight & Aesthetically Pleasing.

TECHNICAL SPECIFICATION

- Dimensions : 48" x 24" x 4"
- Frequency : 100 Hz and 4000 Hz
- NRC : 1.00
- Colors – Brown



3D HYBRID DIFFUSER

Hertz Acoustic 3D Hybrid Diffuser diffuse & absorb such as primary reflections flutter echo and scatter sound affecting any room. It diffuser which scatters sound in a 3D hemisphere down to lower frequencies.

FEATURES

- Improving sound Articulation.
- Remove Coloration and Echoes.
- Attractive Pinewood design and excellent built quality.
- Easy to install.

TECHNICAL SPECIFICATION

- Dimensions : 24" x 24" x 6" (Inches)
- Material : Pinewood
- Frequency : 400Hz to 10Khz

APPLICATION FOR

- Sound Recording Studios.
- Post Production Studios.
- Film Theaters & Auditorium.
- Broadcast Channels.
- Hi-Fi Music Listening Room.
- Conference Hall.



TUBE BASS TRAP

Hertz Acoustic cylindrical shape trap provides the structural rigidity and internal air cavity necessary to absorb sound in the low frequency range.

Polyester fabric Tube Bass traps are designed and constructed to absorb these longer waves and control unwanted room resonances. Tube Bass Traps transform room acoustics into an unforgettably articulate and dynamic musical bass line. Tube Bass traps like these are also a wonderful way to create a very accurate, comfortable, and portable listening environment.

FEATURES

- Bass absorption between 55 Hz to 250 Hz
- Provides additional Low-End attenuation & delivering a truer sound.
- Used for wall corner and ceiling corner applications.
- Great Sturdy handcrafted construction with excellent built quality.

TECHNICAL SPECIFICATION

- Dimensions : 48" x 11.8" (Diameter)
- Material : Acoustic Polyester
- Frequency : 55Hz to 250 Hz
- NRC : 1
- Colors : Blue, Beige, Black



SKYLINE DIFFUSER

This Skyline Diffuser is a very popular and effective tool for improving room acoustics. It consists of 144 elements, each of which has been cut on a predetermined length and the whole is arranged in a strictly defined order.

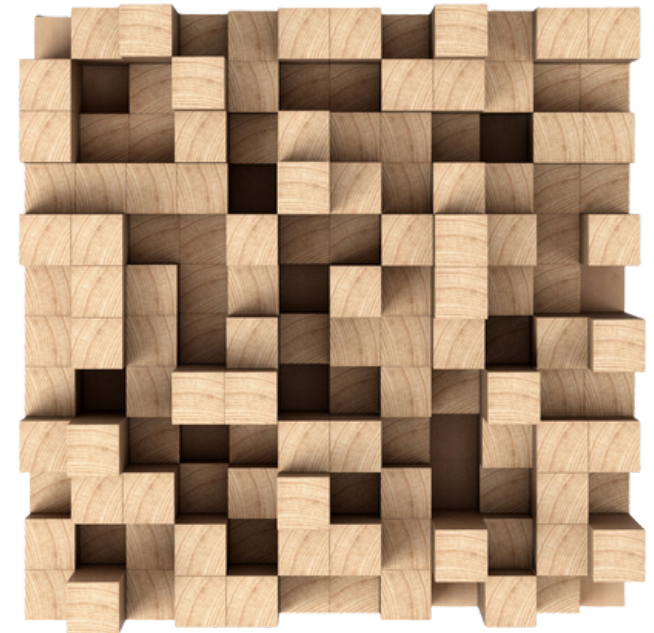
The Skyline diffuser- diffuses acoustic waves before they reflect off walls or ceilings.

FEATURES

- Scientific Design - Pattern utilize modulated prime root number theory to uniformly scatter sound.
- Eliminates Comb Filtering & Flutter Echoes.
- Improves your room's acoustics without making it sound small, dry, or boxy.
- Balanced Sound field.

TECHNICAL SPECIFICATION

- Dimensions : 24" x 24" x 4"
- Material : Pinewood
- Frequency : 800Hz to 10Khz



BROADBAND BASS TRAP

Hertz Acoustic Broadband Diaphragmatic Bass Absorber will help reduce sound decay, increase clarity and help you to achieve a flat sound response within a room by reducing interfering audio frequency build up and interfering reflections that occur from room reverberation on.

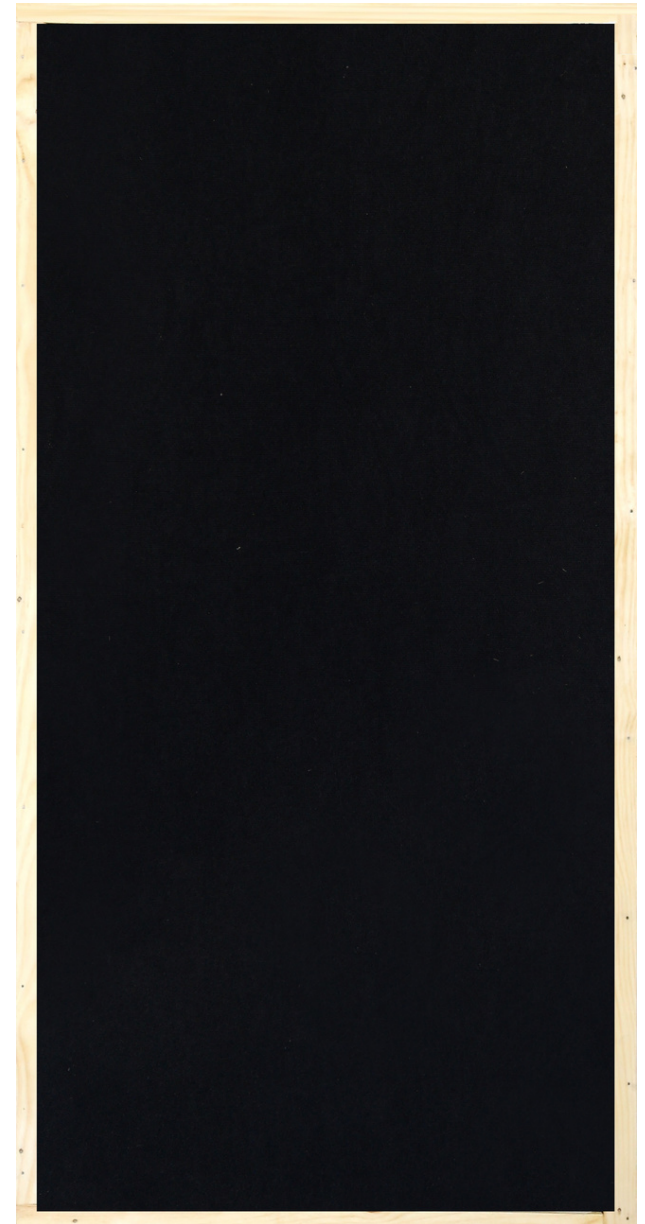
Broadband Bass traps like these are also a wonderful way to create a very accurate, comfortable, and portable listening environment.

FEATURES

- Provides additional Low-End attenuation on & delivering a truer sound.
- Bass absorption between 40 Hz to 250 Hz
- Used for wall corner and ceiling corner applications.
- Great Sturdy construction with excellent built quality.

TECHNICAL SPECIFICATION

- Dimensions : 48" x 24" x 6"
- Material : Acoustic Polyester
- Frequency : 40Hz and 250 Hz
- NRC : 1
- Colors : Blue, Beige, Black



QRD 7

The Hertz Acoustic Q7 Diffuser is a 7-root well diffuser design that begins scattering at approx. 500 Hz and offers effective and even diffusion up through 10000Hz.

It is also built to be hung in mirror-imaged pairs to cover a larger area without repeating the wall pattern to avoid lobbing. It can also be used in more general places to minimize slap Echo.

FEATURES

- Scientific Design - Pattern utilize modulated 7 root number theory to uniformly scatter sound.
- Eliminates Comb Filtering & Flutter Echoes.
- Improves your room's acoustics without making it sound small, dry, or boxy.
- Balanced Sound field.

TECHNICAL SPECIFICATION

- Dimensions : 48" x 24" x 6"
- Material : MDF/HDF
- Frequency : 500Hz to 10Khz



CEILING CLOUD

Hertz Ceiling Clouds are acoustical panels that suspend horizontally from the ceiling to reduce sound reflections, Bass Control & Flutter Echo.

In offices & Hotels, it reduces conversation “flanking” over office partitions with fabric room decors.

FEATURES

- Effective Controls primary reflections and flutter echo.
- Higher Noise Reduction Coefficient.
- Attractive panel design and excellent built quality.

TECHNICAL SPECIFICATION

- Dimensions : 48" x 24" x 2"
- Material : Acoustic Polyester
- NRC : 1
- Colors : Blue, Beige, Black

FREQUENCY CHART

Thickness	125Hz	250Hz	500Hz	1000Hz	2000Hz	4000Hz	NRC
(50 mm)	0.26	0.71	1.03	1.11	1.03	1.09	1.00



GOBO TRAP

Hertz Acoustic The GoTrap™ is a 24" x 36" combination gobo (barrier) and bass trap that is designed 'tough' to meet the demands of the professional studio. Features fabric covered high-density sound absorbing panels on both sides.

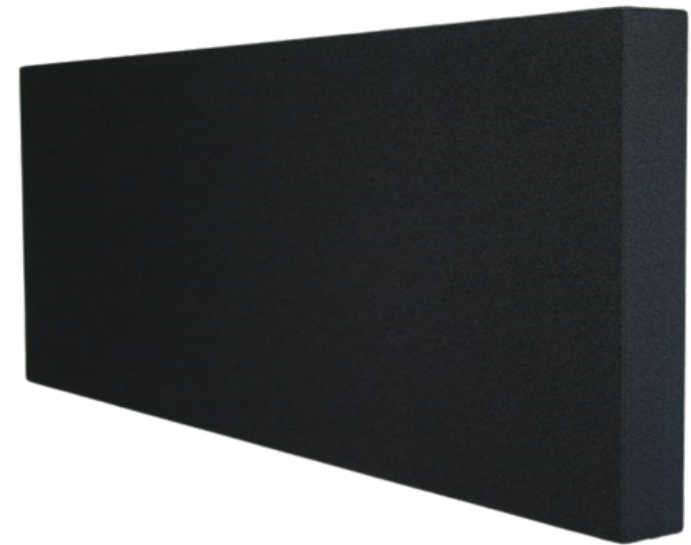
By combining the acoustic panels and the internal barrier with the deep 6" internal cavity, bass absorption extends down to 75Hz.

FEATURES

- Internal barrier & Bass absorption
- Provides additional Low-End attenuation & delivering a truer sound.
- Great Sturdy hand crafted construction with excellent built quality.

TECHNICAL SPECIFICATION

- Dimensions : 24" x 36" x 6"
- Material : Acoustic Polyester
- NRC : 1
- Colors : Blue, Beige, Black

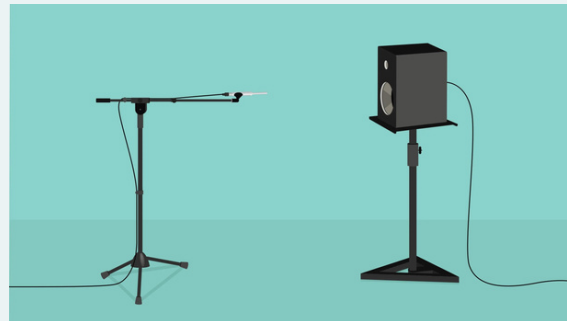


ROOM CORRECTION

Studio Monitors or Hi-Fi Speakers sound different when you use them in different rooms. That isn't rocket science. But figuring out how to make speakers sound their best in a particular room comes pretty close to rocket science. The shape, size, and contents of a room have a huge, and often negative, effect on how an audio system sounds. Correcting for those effects requires a solid understanding of physics, familiarity with some key bits of audio research, and a specialized microphone and audio-measurement software. Fortunately, the automatic room-correction system built into your audio components can do the job for you—but unfortunately, not all room-correction systems do the job equally well.

A good room-correction system makes the sound more natural and pleasing. The notes in a bassline will have the same level as they do on the original recording. Explosions in movie soundtracks will slam rather than just boom. Movie dialogue will sound more realistic, not harsh, thin, or bloated. The sound may also become more enveloping.

A bad room correction system does the opposite. If it fails to correctly determine your speaker configuration, for example, it can make voices sound boomy or thin, or create distortion that makes the system sound harsh. If the system's designers ignored good audio science, it could end up producing a boring, dull sound—or an unnaturally glaring sound.



BENEFITS

- Every last note of performance extracted from your existing audio system.
- Knowledge that your system has been optimized by one of the best audio calibrators in the country.
- Speaker positioning optimized for best balance of bass response, imaging, and soundstaging.
- Proper Subwoofer integration.
- Objective before and after acoustic measurements showing improvements.

ACOUSTIC DESIGN & CONSULTING

A professional consulting dedicated to better Acoustic and noise control by working with clients in a responsive, informed, and efficient manner. Acoustic services provided include Sound Studios & architectural acoustical design, mechanical system noise, and industrial noise control. We have experience with a broad range of projects from sound Recording Studio, conference room, Halls to performing arts center noise projects.

SOUND STUDIOS ACOUSTIC

RFZ (Reflection Free Zone) Technique to build whole studio construction which includes soundproofing with better STC, acoustic treatment, electrical & HVAC system. To achieve better STC & ADP needs proper treatment of Wall, Floor, Ceiling, and window, Door Construction.

Reduces Unwanted Sound Reflections, Low-Frequency control & flutter echo for cleaner recordings, and critical mixings for more reliable monitoring. Attractive, effective, and professional Frame designs as compared to other market brands. Higher Noise Reduction Coefficient.

Recording Studio

Broadcasting Studios

Post Production Studios

Entertainment Rooms

Auditorium

Preview Theaters

Gyms



ACOUSTIC DESIGN & CONSULTING

COMMERCIAL OFFICES, MALLS, HOTEL, INDUSTRIAL NOISE CONTROL

Provide solutions to that address sound propagation, speech intelligibility, and the enhancement of music, and provide options to painful noise within the built environment. New facilities in order to make recommendations on space planning, room shaping, finish selections, construction methods, & Common issues addressed in architectural Acoustics.

Mechanical equipment is a common source of noise and vibration. Typically mechanical Acoustic addresses noise and vibration from building systems, especially HVAC. Consultants can review proposed ducting plans, unit specifications, and unit locations to determine any potential noise concerns. Consultants can also test existing systems for compliance with acceptable noise levels and make recommendations as to how to painful noise and vibration concerns. Common concerns that should be addressed include Equipment Noise Sound Transmission Vibration Isolation Background Noise.

Sound Transmission Vibration Isolation Background Noise Level Control Reflections Control Reverberation Control Absorption





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