KINETICS produces the industry’s largest selection of innovative acoustic and noise control products and solutions. You can count on an expert team of sales, manufacturing, engineering, and customer support professionals to help you achieve your acoustical and design objectives.

Before the music begins, the performance starts with the elements of the room.

Kinetics stands out

Acoustic product experts since 1958
Diversity of product solutions and finishes
Customizable, full-scale manufacturing
Worldwide presence

One source | Countless possibilities
REFLECTORS
Redirect sound towards the audience.
Reflectors on walls and ceilings enhance the listening experience.

PERFORMANCE HALLS

AUDITORIUMS

WORSHIP SPACES

DIFFUSERS
Distribute sound evenly throughout the listening space and control undesirable pitches and tones.

AUDITORIUMS
MUSIC EDUCATION
WORSHIP SPACES

ABSORBERS
Reduce reverberation (echo) in a variety of settings. Multiple products offered to address any application.

OFFICES & OPEN SPACES
EDUCATION
ATHLETICS

TYPES OF PRODUCT
Absorbers

Environmental Acoustics
VERSATUNE
Common acoustical panels are most effective at absorbing mid-to-high frequencies. VersaTune’s engineered composite core boosts low frequency absorption to create balanced performance across all frequencies.

TAD
Typical acoustical panels can over-absorb high frequencies. TAD panels scatter high-frequency sound waves, so rooms are lively and authentic.

FINE TUNE
CREATES ACOUSTIC BALANCE ACROSS ALL FREQUENCIES. SPECIALLY ENGINEERED, FABRIC-WRAPPED ABSORBERS COMPENSATE FOR THE LOSS OF ACOUSTICAL BALANCE PRODUCED BY CONVENTIONAL PANELS.

WOOD ABSORBERS
CONTROL REVERBERANT SPACES WITH THE WARMTH AND BEAUTY OF WOOD IN A VARIETY OF PATTERNS, VENEERS, AND FINISHES.

ALTO
The Alto grooved wood surface adds visual refinement to the project, with small openings that allow sound to be absorbed.

SERENO
Sereno features symmetrical hole patterns of various sizes for the passage of sound into the concealed absorber.

PICADO
Picado highlights a veneered wood surface with pinholes that are invisible from a distance, concealing a perforated core that provides excellent sound absorption.

TAD REVEALED
TAD Revealed has the acoustical benefits of TAD panels with the beautiful look of wood. Available in a variety of hardwoods and finishes.

ENSEMBLE
This all-in-one prefabricated panel comes complete with fiberglass for easy installation. Choose from any of the above wood patterns.
GREATER IMPACT

SPORTSBOARD ELITE
GYMNASIUMS | MULTI-PURPOSE | TRAINING FACILITIES
The tough, perforated copolymer surface of SportsBoard Elite can tolerate extreme impacts such as baseballs and basketballs. Wrapped in a variety of fabric options.

SPORTSBOARD CONFORM
GYMNASIUMS | MULTI-PURPOSE | TRAINING FACILITIES
A highly protective, perforated copolymer shell covers the edges and face of the panel, making the surface capable of withstanding the toughest of impacts. The SportsBoard Conform's hard surface is easy to clean and can be matched to many team colors.

HIGH IMPACT HARDSIDE
HALLWAYS | LOBBIES | ACADEMIC SPACES
A fabric-wrapped panel featuring a special surface layer that provides greater durability than traditional panels. Ideal for high-traffic common areas.

KNP PERFORATED METAL PANEL
GYMNASIUMS | NATATORIUMS | RECREATIONAL CENTERS
A perforated steel or aluminum shell with a powder-coated finish encases an absorptive core for a rugged, clean appearance with excellent absorptive properties. Available with either a flat or ridged face.

ACOUSTIGRAPHIX®
Increases the dynamics of any space with high-resolution graphics or photo-images in an acoustically transparent fabric. Use in any environment with any of our fabric-wrapped panel solutions.

PROJECT SPOTLIGHT
UNIVERSITY OF CINCINNATI
PRACTICE GYMNASIUM
When the University of Cincinnati (UC) Bearcats basketball team required a quieter practice gym, Kinetics supplied products that reduced reverberant noise while proudly displaying the UC brand. The University of Cincinnati Design and Construction Department worked with Kinetics local representatives to create a quiet and more impactful setting for press conferences, and a better learning environment for players and coaches. The Lindner Athletic Complex is now a more purposeful and attractive facility, as well as a great recruiting tool!

PRODUCTS USED
- AcoustiGraphix
- HardSide Panels
- Wave Baffles
BOLD COLORS
USE BOLD COLORS TO ELEVATE NOT ONLY THE SOUND QUALITY BUT ALSO THE VISUAL DYNAMICS

HARDSIDE
OFFICES | AUDITORIUMS | CLASSROOMS
Hardside is a conventional panel available in many thicknesses, sizes, and shapes and can be wrapped in a variety of fabrics.

HI-TACK PANEL
OFFICES | COMMUNITY CENTERS | CLASSROOMS
This non-absorptive panel captures the same look as other fabric-wrapped panels while providing a highly-tackable bulletin board surface.

QUIET TILE LAY-IN CEILING TILES
ABSORBERS/BLOCKERS
Achieve the highest speech privacy and sound control in an acoustical ceiling tile system. When walls don’t extend to the deck, QuietTile composite ceiling tiles are specifically designed to control noise between spaces. QuietTile is an engineered composite panel consisting of multiple layers faced with any acoustical ceiling tile.

TESTED AND PROVEN TO PROVIDE THE HIGHEST REDUCTION OF SOUND TRANSMISSION IN THE INDUSTRY.
ELEMENTAL ELEVATION

SUSPENDING ACOUSTICAL MATERIALS FROM THE CEILING OFFERS ABSORPTION FOR REVERBERANT NOISE PROBLEMS WHILE ACHIEVING ACOUSTIC GOALS. HORIZONTAL AND VERTICAL ORIENTATION OF CLOUDS AND BAFFLES IS PROVEN TO BE HIGHLY EFFECTIVE, BOOSTING LOW AND MID-FREQUENCY ABSORPTION BY 20-40%.

WAVE BAFFLES
ARENAS | GYMNASIUMS | MULTI-PURPOSE ROOMS
Create a stunning visual effect with dramatic acoustical results in large, reverberant spaces.

KB803
CAFETERIAS | RESTAURANTS | NATATORIUMS
Vertically mounted, vinyl-wrapped baffle for efficient and cost-effective absorption.

HARDSIDE CLOUD
LIBRARIES | CORRIDORS | ACADEMIC SPACES
Modify our fabric-wrapped HardSide panel into a suspended horizontal cloud to create a dramatic architectural feature.

HARDSIDE BAFFLE
OPEN OFFICES | MULTI-PURPOSE ROOMS | ACADEMIC SPACES
Fabric-wrapped, two-sided, vertically oriented baffle.
CRITICAL LISTENING ENVIRONMENTS
CONTROL DISPERSAL OF SOUND REFLECTIONS THROUGHOUT THE LISTENING OR RECORDING SPACE. DIFFUSERS CREATE A CLEARER AND MORE CONSISTENT LISTENING ENVIRONMENT FOR AUDIENCE AND PERFORMERS.

SCATTERBOX
RECORDING STUDIOS | HOME THEATERS
The premium choice of musicians, artists, and engineers in professional recording environments. Beautiful wood, striking visuals, and two-dimensional diffusion.

HIGHTONES & MIDTONES
RECORDING STUDIOS | ACADEMIC SPACES | AUDITORIUMS
Design critical listening spaces with precise diffusion across specific frequency ranges. Elegant and beautiful diffusers are available in a variety of hardwoods and finishes.

DIRECT HARMONY
CREATE A CLEARER AND MORE CONSISTENT LISTENING ENVIRONMENT FOR MUSIC EDUCATORS, PERFORMERS AND AUDIENCES.

HIGHTONES CONTROLS HIGH FREQUENCIES FOR HIGHER-PITCHED INSTRUMENTS. THE WIDER, DEEPER WELLS OF MIDTONES CONTROL FREQUENCIES BETWEEN 500 Hz AND 2,500 Hz.

GEOMETRIC SOUND
CHURCHES | BAND ROOMS | CAFETERIUMS
Make rooms look and sound more dynamic. Geometric Diffusers placed on walls and ceilings add visual dimension and disperse sound in multiple directions to improve the sound quality within the space. Perfect for churches, band rooms, and other performance spaces. Available in molded copolymer finishes, or wrapped in fabric of the client’s choice.
REFLECTORS

PERFECT PERFORMANCE
Reflectors create a visually stunning space and assure the timing and strength of live performances by eliminating late reflections. Architects and designers have many creative options, from traditional wood and wood-like surfaces to a variety of gel coat colors. Reflectors add shape and dimension to walls and ceilings. A retractable version is also available and is ideal for multi-use environments.
When Wilbur Watts Intermediate School was being repurposed, the auditorium was designed to be available for the school and the community-at-large to use. The acoustical consultant focused on three areas of opportunity in the auditorium: assuring that stage sounds would reflect evenly from the ceiling, enveloping the audience by diffusing sound from the sidewalls, and adding absorption to maintain a proper level of reverberation. The result was a visually beautiful space with incredible acoustic accuracy.

**PROJECT SPOTLIGHT**

**WILBUR WATTS INTERMEDIATE SCHOOL AUDITORIUM**

**PRODUCTS USED**
- Ovation Panels
- HighTones Diffusers
- HardSide Panels

**DRAMATIC RESULTS**
Balance the use of reflectors, diffusers, and absorbers to create a dynamic listening environment.
Reducing reverberation will lower the background noise level and improve speech and music clarity. An easy way to analyze a room is to calculate its T60 reverberation time. This is simply the amount of time it takes (in seconds) for sound to decay 60 decibels in a room. Adding Kinetics absorptive materials reduces T60 time in predictable levels.

It’s easy to understand how different rooms should have different acoustic characteristics. For example, a concert hall’s acoustic field should be rich and full, with some reverberation. In contrast, a classroom should be much less lively, so the instructor is clearly heard and easily understood.

Another goal in room acoustics is to create even sound fields. Controlling the timing and direction of sound reflections is an important part in the design of critical listening spaces, from recording studios to rehearsal rooms to performance halls.

Reflectors and diffusers enhance listening environments by controlling strong reflections and dispersing sound evenly across audiences and their listening space.

The size, shape, and finish materials of a room define its sound quality – good or bad. Have you ever experienced a restaurant where dinner conversation is nearly impossible because of reverberant noise? Have you ever listened to a public address announcement in a gymnasium or at the airport where the words were unclear? Proper application of the right acoustical materials will solve these problems.

**REVERBERATION CONTROL & SOUND ABSORPTION**

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**REFLECTION | DIFFUSION**

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**A NOISE REDUCTION OF 8-10 DECIBELS LOWERS REVERBERATION IN A ROOM BY 40-50%**

**ACHIEVE THE LOOK YOU WANT WITH THE ACOUSTICAL PERFORMANCE YOU NEED**