

# ACOUSTICAL

EQUIPMENT



Diva® Acoustical Shell



Forte™ Acoustical Shell



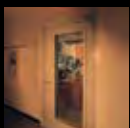
Legacy® Classic Shell



Legacy® Basic Shell



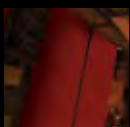
Travelmaster™ Shell



Acoustical Doors



Transcend™ Active Acoustics



Transform™ Acoustical  
Banners



Rehearsal Room Acoustics



Tunable Acoustical Panels



# DIVA® ACOUSTICAL SHELL

Portable, full-stage acoustical shells for schools and performing arts centers.

## DIVA® FULL-STAGE ACOUSTICAL SHELLS

An investment in Diva acoustics will reward you the first time you hear the remarkable difference. Diva is a beautiful centerpiece for your stage that is engineered to last for years and years.

- ✓ **Durable – Incredible Acoustical Results** – A Diva Shell System is the cornerstone of a remarkable and clear acoustic plan for your facility.
- ✓ **Lightweight** – The industry’s first all-aluminum frame makes it easier and safer to move.
- ✓ **Air Mover** – Glide your towers into place on a cushion of air.
- ✓ **High Grade Wood Veneers** – Have your custom shell finished to match your facility’s design.
- ✓ **Extensive Product Knowledge and Experience** – No other company has the know-how and industry experience to help you design, plan, and deliver such an effective and beautiful acoustical shell.

## ORDERING INFORMATION

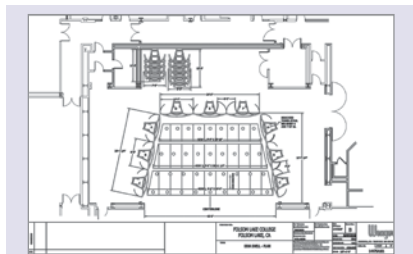
Wenger Diva Acoustical Shells come in a wide variety of configurations, colors and sizes. Please call your Wenger representative so that we can understand your needs in order to provide the best solution and an estimate to help you budget your investment.



Owatonna High School, Owatonna, Minnesota

## FEATURES

- Optimum on-stage sound and excellent sound projection to the audience
- Perfect for medium and large theatres
- Safe, easy setup with the exclusive Air Transporter (manual mover also available)
- Built-in leveling pads
- Shell ceiling panels raise and lower with stage rigging and can be flown in the fly loft when not in use
- Panels rotate easily into position
- Panel angles adjust quickly
- Modular design accommodates everything from full orchestras to string quartets
- Wood veneer, laminate, and painted finish options
- Handcrafted composite panel construction
- Counter-weighted base for superior stability
- Designed to accommodate your specific space
- Stores compactly



### Engineering

Wenger offers a design-build approach to satisfy your most stringent aesthetic, acoustic or storage requirements. Our designers and engineers are here to collaborate with you to create the perfect shell and add value-engineered solutions.



Stage access doors are wide enough to allow risers, staging, instruments and even a grand piano to pass through.



## ADDITIONAL INFORMATION:



Brochure



Tech Sheet



Video



Website

Please call for additional literature or view on our website.



Scan with your smartphone to view video

## COMPANION PRODUCTS:



Symphony Chair



Signature® Choral Risers



StageTek™ Staging

# FORTE™ ACOUSTICAL SHELL

Portable, full-stage acoustical shells for small- to medium-size performance spaces.

## FORTE™ ACOUSTICAL SHELLS

Wenger pioneered acoustical shell design and our Forte Acoustical Shell is a welcome, worthy addition to our line. Forte offers unmatched value. It's a cost-effective acoustical solution for small- to medium-size performance spaces that delivers impressive full-stage acoustics, a beautiful visual appearance, and ease-of-use — all at an affordable price.

- ✓ **Easy Setup** – Forte is easy to set up with just a crew of two people. And no tools are required.
- ✓ **Flexibility** – Easy to reconfigure to accommodate groups of varying sizes.
- ✓ **Stability** – Wall towers are counter-weighted to ensure superior stability and safety.
- ✓ **Space-Saving Design** – Individual towers nest together when not in use, saving precious back-stage space.
- ✓ **Cost-Effective** – Forte is a cost-effective alternative to full-stage shell systems for small- to medium-sized performance spaces.

## FEATURES

- Cost-effective alternative to large full-stage acoustical shell systems or portable acoustical shells
- Ideal for small-to-medium size performance spaces
- Easy and safe to set up; requires only two people
- No tools required for setup
- Configures to accommodate groups of varying sizes
- Counter-weighted base for superior stability
- 1" (2.5 cm) thick honeycomb core for optimal sound reflection
- 8' (2.4 m) wide panels
- 16' (4.8 m) to 20' (6 m) towers
- Ceilings rotate for storage in fly loft, 14" depth (35.5 cm)
- Non-marring casters
- Variety of laminate finishes and any paint color available
- Optional access doors
- Optional lighting package

## ORDERING INFORMATION

Wenger Forte Acoustical Shells come in a wide variety of configurations, colors and sizes. Please call your Wenger representative so that we can understand your needs in order to provide the best solution and an estimate to help you budget your investment.



Central High School, DeWitt, Iowa

***"Forte made a stunning acoustical transformation to our auditorium. Musicians can now play correctly, instead of overplaying to be heard. The sound is true and accurate – the technical parts, runs and clarity all improved instantly. As a conductor or member of the audience, I can now hear everything clearly."***

– Bill Davern, Director of Fine Arts,  
West Genesee Central School District,  
Camillus, New York

Wenger's wheeled transporter makes Forte easy to move!



Towers move and nest for compact storage.



Wenger's design-build approach will fit your space and needs.



Optional access doors.

## ADDITIONAL INFORMATION:



Product Sheet



Tech Sheet



Website

Please call for additional literature or view on our website.



Scan with your smartphone to view video

## COMPANION PRODUCTS:



Nota® Chairs



Signature® Choral Risers



StageTek™ Staging

# LEGACY® CLASSIC ACOUSTICAL SHELL

Portable shell design that allows almost any space to become a performance venue with simple one-person setup.



DeKalb High School, DeKalb, Illinois

## LEGACY® CLASSIC ACOUSTICAL SHELL

Legacy is an excellent portable acoustical shell that can transform just about any space into an impressive-sounding performance venue. Its design lets you go from having the individual towers nested safely in a storage area to a full shell behind your performers in no time.

- ✓ **Fast, Easy Operation** – Legacy shells are designed for one person to set up in a short amount of time. Larger groups? Just add more towers.
- ✓ **Adjustable Canopies** – Adjust the angle for optimizing sound reflection to the audience.
- ✓ **No Protruding Front Legs** – Eliminates interference with setup and eliminates any trip hazard.
- ✓ **Maximum Acoustical Benefit** – Full coverage from floor to top of shell, and gives you 15% more coverage than any other portable shell on the market.
- ✓ **5-Year Warranty** – The longest in the industry, protecting your investment.

### FEATURES:

- Improved lift mechanism to raise and lower shell
- Kicker panel provides coverage within 2" (5 cm) of floor and folds up for storage
- All panels fit flush with no overlap shadows or exposed fasteners
- Fully extended height is 15'2" (4.6 m)
- In storage position, unit fits through 34" (88 cm) wide by 80" (2 m) high door opening
- Available in two color finishes shown at right
- 90 square feet (27 m<sup>2</sup>) of reflective surface
- Units nest for storage

### 1-PERSON SETUP



Start with nested towers



Roll shell into place. Lower its kick panel and raise and set the canopy.



Use tool to adjust canopy angle for optimum sound projection.



Turn handle of lift mechanism to set shell height into performance position.

Position panels together to create your finished shell. (shown in Harvest Maple)



*"I cannot believe the difference in sound when the Legacy shell is up. Our gym has very good acoustics, but I can clearly tell whether or not the shell is up. The Legacy shells are very easy to work with – my kids and I can easily handle them."*

– Cydney Dixon, Band Director, Lower Lake High School, Lower Lake, California

### ORDERING INFORMATION

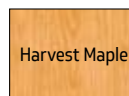
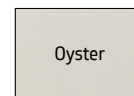
Towers sold individually. Choose the number of towers based on the size of your group.

**186J054** Legacy Classic, Tapered Canopy

**186J055** Legacy Classic, Rectangular Canopy

\*Additional charge for Harvest Maple

### COLORS



Color samples provided upon request.

### ADDITIONAL INFORMATION:



Product Sheet



Tech Sheet



Setup video



Website

Please call for additional literature or view on our website.

### COMPANION PRODUCTS:



Signature Choral Risers



StageTek® Staging

# LEGACY® BASIC ACOUSTICAL SHELL

A portable, economical, acoustical shell that stores and transports easily.



Blue Valley Southwest High School, Overland Park, Kansas

## LEGACY® BASIC ACOUSTICAL SHELL

Legacy Basic is an economical portable acoustical shell that can transform a small auditorium, gymnasium or cafeteria into an impressive-sounding performance venue in just minutes. The improvement in acoustics is amazing. Just roll out, set the canopy angle, crank up to full height and you're ready to perform.

- ✓ **Fast, Easy Operation** – Sets up quickly and raises in just five seconds.
- ✓ **Adjustable Canopy** – Adjusts to four different angles to optimize reflection to the audience.
- ✓ **No Visual Hardware on Front Panels** – Eliminates exposed screws and brackets that may cause unwanted light reflections.
- ✓ **Economic Solution** – Lowest-priced solution for instrumental and choral use.

### FEATURES:

- Fully extended height is 13' 3" (4 m)
- Upper panels are 1" (2.5 cm) thick with honeycomb core. Lower panel is ¾" (2 cm) thick with laminated wood core
- Easy, intuitive lift mechanism for raising and lowering shell
- Canopy adjusts to 45, 60, 75 and 90 degree angles
- Legs protrude in front of shell to provide counterweighted base design
- Canopy is 36" (91 cm) high providing less coverage than Legacy Classic model
- Ships partially assembled
- Available in Oyster finish only
- Five-year warranty



Shells nest together for compact storage.



### 1-PERSON SETUP



Roll shell into place. Adjust snap-in pins for desired canopy angle.



Lift canopy to preset angle for optimum sound projection.



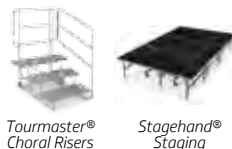
Turn handle of lift mechanism to set shell height into performance position.

### ADDITIONAL INFORMATION:



Please call for additional literature or view on our website.

### COMPANION PRODUCTS:

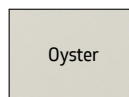


Tourmaster® Choral Risers

Stagehand® Staging

### ORDERING INFORMATION

- 186H052 Legacy Basic, Tapered Canopy
- 186H053 Legacy Basic, Rectangular Canopy



# TRAVELMASTER® ACOUSTICAL SHELL

Consistent acoustics wherever you perform. A must-have for groups that travel.



St. Mary's School, Owatonna, Minnesota



Five base panels and four filler panels shown. Tourmaster Choral Risers shown in front.

## TRAVELMASTER® PORTABLE ACOUSTICAL SHELL

Poor acoustic venues can spoil even your finest performances. But Travelmaster Acoustical Shells allow you to take a familiar acoustical environment with you wherever you go. Excellent sound reflection helps musicians hear better, so tone, timing, and balance can be perfect in any environment. And, as the name suggests, Travelmaster shells travel, set up easily and store in an extremely small space.

- ✓ **Fast, Easy Operation – Lightweight, Easy-to-Use** – Sets up easily and disassembles fast for transport anywhere.
- ✓ **Compact Transport and Storage** – Lays flat and compact for transport. Use Wenger Storage Cart.
- ✓ **One- or Two-Person Setup** – A six-unit set can be set up or taken down in less than 30 minutes.
- ✓ **Superior Diffusion Qualities** – Provides excellent cross communication for ensembles. Irregular shape has built-in diffusion.



*“We really like our Travelmaster shell. It helps unify our choir, which can number up to 90 voices, by enabling everyone to hear each other better. As an alto located the middle, hearing all the parts gives me more security about my own. Audience members also noticed the improvement. In our selection process, Wenger’s reputation for quality was important.”*

– Madonna Geibe, Alto/Librarian, Edina Chorale, Edina, Minnesota

## FEATURES:

- Durable, lightweight panels provide large, acoustically reflective geometric surfaces
- Legs designed to fold out for fast setup
- Base panels adjust from 9' 4" (2.8 m) to 12' 2" (3.7 m) heights
- Filler panels attach to base panels — each is 9' 6" x 37" (2.9 m x 94 cm)
- Formed ABS panels in Oyster color



Lady Bird Johnson Middle School, Irving, Texas

## ADDITIONAL INFORMATION:



Product Sheet



Tech Sheet



Website

Please call for additional literature or view on our website.

## COMPANION PRODUCTS:



Tourmaster® Choral Risers



Stagehand® Staging

## ORDERING INFORMATION

- L015 Travelmaster Shell Base Panel
- L035 Travelmaster Shell Filler Panel
- 064A170 Travelmaster Move & Store Cart

Oyster

# PRE-ENGINEERED ACOUSTICAL DOORS

Doors are notorious for sound leaks. Here's a superior sound-isolating door.



## PRE-ENGINEERED ACOUSTICAL DOORS

We've heard too many horror stories about poorly fitting doors and inadequate sound isolation. That's why Wenger engineers and acoustical experts have created an acoustical door that provides superior sound isolation. We've created an advanced split-frame design that accommodates virtually any wall thickness so every Wenger acoustical door fits perfectly. After all, even a small gap or imperfection can create enormous acoustical problems. Because our doors are pre-engineered, you'll be assured a high-integrity installation.

- ✓ **Superior Sound Isolation** – Every door is pre-engineered to make it easy to install and to provide minimum sound leakage, rather than relying on a contractor to assemble a “door kit.”
- ✓ **Continuous Cam-Lift Hinge** – A continuous cam-lift hinge eliminates pinch points and provides a solid seal at the bottom of the door for maximum sound isolation.
- ✓ **Teflon®-Coated Sweep Seal** – Allows door to close easier with stainless steel sill plate and creates a tight seal for maximum sound isolation.
- ✓ **Split Frame Design** – Provides superior installation and dependable performance.

### FEATURES:

- Minimizes sound leakage outside of room to surrounding environments
- Most doors with 1-hour UL® fire rating
- Durable, maintenance-free hinges up to 100,000 cycles
- Standard mortise pocket for easy leverset installation
- Door widths: 3' (91 cm), 3½' (107 cm), 4' (122 cm), and 6' (1.8 m) double door with removable mullion
- Installs in wall thicknesses 4½" (11 cm) to 12½" (32 cm)



WCAL-FM Studios, St. Olaf College, Northfield, Minnesota

### ADDITIONAL INFORMATION:



Product Sheet    Tech Sheet    Website

Please call for additional literature or view on our website.

### COMPANION PRODUCTS:



SoundLok® Sound-Isolation Rooms

### ORDERING INFORMATION

Pre-Engineered Acoustical Doors come in a variety of configurations and sizes. Please call your Wenger representative so that we can first thoroughly understand your needs in order to provide the best solution and an estimate.

## VAE® TECHNOLOGY

Amazing virtual acoustical simulations that promote better music rehearsal.



Walnut High School, Walnut, California

### VAE® (VIRTUAL ACOUSTICAL ENVIRONMENT) TECHNOLOGY

What if your practice session in a Wenger SoundLok® Sound-Isolation Room could sound like you were in a 1,000-seat recital hall, or a cathedral, or a stadium? It's possible with our VAE Technology. Music teachers understand that practicing in the same acoustical environment where you will perform improves play. And since practice usually must take place in the rehearsal room, VAE is the best alternative. Our state-of-the-art acoustical simulation technology creates the sensation of being enveloped by the sound and enabling musicians to hear themselves in various performance venues. Students just push the button that best simulates their upcoming performance space. The benefits are amazing.

- ✓ **Nine Performance Environments** – Practice in a broad range of performance environments, ranging from a small recital hall to a cathedral.
- ✓ **Accelerate Learning** – Learn how to adapt to performing in larger spaces more quickly and have a place to practice before your performance!
- ✓ **Immediate Record and Playback** – Get immediate feedback during your practice session, or record your session and take it to your next lesson to review with your director.
- ✓ **Upload and Download** – Practice with the band or choir in the practice room by uploading accompaniments.

### THE VAE® PANEL:

#### Presets for 9 distinct virtual acoustical environments:

- Practice Room
- Baroque Room
- Medium Recital Hall
- Large Recital Hall
- Small Auditorium
- Medium Auditorium
- Large Auditorium
- Cathedral
- Arena

Capable of **record and playback** of 9 sessions for up to 3 hours of total length.



Mini stereo output jack for real-time recording.

Connection for optional foot controller that allows for hands-free operation.

USB connection for uploading and downloading recorded programs.

*“The Wenger practice room works out very well as my teaching studio, especially the excellent sound isolation. The VAE technology’s recording/playback is a fabulous teaching tool that I use in lessons. By listening to themselves, students get immediate feedback and awareness of how they actually sound.”*

– Ben Coelho, Professor of Bassoon, University of Iowa, Iowa City, Iowa

### ADDITIONAL INFORMATION:



Brochure



Tech Sheet



Video



Website

Please call for additional literature or view on our website.

### COMPANION PRODUCTS:



SoundLok® Sound-Isolation Rooms



Music Stands



## VAE® REHEARSAL SYSTEM

Transport an entire rehearsal room to a cathedral and back before the bell rings.



Wayzata High School, Plymouth, Minnesota

### VAE® REHEARSAL SYSTEM

Wenger's new VAE technology for your rehearsal room uses highly advanced active acoustics to simulate nine different acoustic environments – at the touch of a button. We can even custom-program any of the nine presets to simulate other acoustic environments of your choosing, even one that simulates your school's auditorium.

- ✓ **Nine Performance Environments** – Practice in a broad range of performance environments, ranging from a small recital hall to a cathedral.
- ✓ **Accelerate Learning** – Learn how to adapt to performing in larger spaces more quickly and have a place to practice before your performance!
- ✓ **Immediate Record and Playback** – Get immediate feedback during your practice session, or record your session and take it to your next lesson to review with your director.
- ✓ **Upload and Download** – Practice with the band or choir in the practice room by uploading accompaniments.

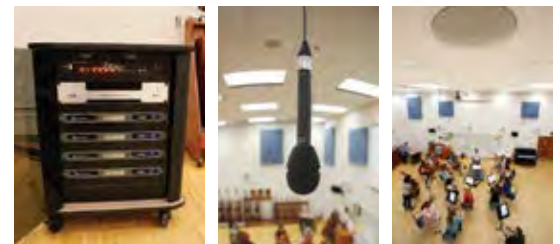


### ORDERING INFORMATION

Please call your Wenger representative for consultation



Shown with our Nota® Conductor's Chair and Flex® Conductor's Stand



*“Part of my interest in the VAE Rehearsal system was the ability to have a “Wayzata Auditorium” setting. The Wenger acousticians and engineers measured the acoustic environment in our auditorium and emulated that in our rehearsal room, making a smooth transition for our young musicians. Now when we’re rehearsing in our orchestra room, we can feel like we’re rehearsing on our stage.”*

– Mark Gitch, Orchestra Director,  
Wayzata High School, Plymouth, Minnesota

### ADDITIONAL INFORMATION:



Brochure



Tech Sheet



Website

Please call for additional literature or view on our website.



Scan with your smartphone to view video

### COMPANION PRODUCTS:



Acoustical Doors



AcoustiCabinets®



Acoustical Panels

## STUDIO VAE®

Install VAE Technology in a private teaching studio or existing built-in practice room.



*“The biggest advantage of the Studio VAE is providing students the opportunity to practice and hear themselves in different acoustical environments. Our recital hall is heavily scheduled, so students only have limited opportunities to get accustomed to that environment. I also use it for evaluating students.”*

– Robert Smith, Associate Professor of Voice and Vocal Literature, St. Olaf College, Northfield, Minnesota

### STUDIO VAE®

Studio VAE (Virtual Acoustical Environment) is an affordable, easy-to-install package for your own small practice or teaching space. The Studio system components offer all the same features and technology of the VAE Practice in a kit that can be installed in just about any room less than 200 square feet. Wenger’s Studio VAE allows you to convert an existing faculty studio or built-in practice room to one that incorporates the acoustical simulation capabilities of our VAE technology.



#### Connect to your laptop

A USB connection to your computer or laptop makes it easy to upload accompaniments or download practice sessions.

While quality sound isolation rooms like SoundLok are recommended, when new installation or construction are unfeasible, Studio VAE is a great option. Your students will be amazed and they will be inspired to practice more!

The following components are included: VAE digital processor, four speakers, two microphone wall absorber panels, control panel, all cables and speaker wire for complete installation.

#### Record- and Playback-Equipped

VAE technology features built-in digital recording and playback, which dramatically enhances the educational value of the VAE system. VAE will:

- Allow educators to easily follow the assessment strategy recommended in the National Standards for Music Education.
- Increase your ability to carefully evaluate the progress of more students in less time.
- Provide the ability to upload music files or download practice sessions to a computer or other recording device.
- Enable musicians to practice with uploaded accompaniments and other pre-recorded pieces.



### ORDERING INFORMATION

Please call your Wenger representative for consultation

#### ADDITIONAL INFORMATION:



Brochure



Tech Sheet



Website

Please call for additional literature or view on our website.

#### COMPANION PRODUCTS:



Acoustical Doors



Nota® Chairs



Acoustical Panels

# SOUNDLOK® SOUND-ISOLATION ROOMS

Modular sound-isolation music practice rooms in a variety of sizes and configurations.



San Jose City College, San Jose, California



San Jose City College, San Jose, California

## SOUNDLOK® SOUND-ISOLATION ROOMS

Controlling all the sounds within your music suite is challenging, especially when a percussionist is trying to practice near a flutist or a quartet needs quiet in order to perfect their selection for the fall show. Individual practice rooms are the proper solution, but ensuring effective sound isolation without the right materials or expertise is nearly impossible. That's where we come in. Wenger pioneered sound isolation in practice rooms, and we continue to use the most advanced technologies to set new standards. You'll find our SoundLok rooms in many of the most successful music education programs worldwide. And their popularity with students oftentimes means there's a line to use them. Here are some of the reasons SoundLok rooms are the most trusted in the industry.

- ✓ **Superior Sound Isolation** – Wenger guarantees the sound isolation with the highest rating in the industry, making each room 25% quieter than any other room on the market.
- ✓ **Room is Properly Tuned** – The correct amount of absorption and diffusion is built-in so the musician can clearly hear the best possible sound.
- ✓ **Competitively Priced** – An independent cost study shows that the Wenger SoundLok room costs 10% less on average when compared to a properly constructed stick-built practice room.
- ✓ **Relocatable and Modular** – Each room can be relocated or resized as future program needs grow, saving thousands of dollars in permanent building costs.
- ✓ **Virtual Acoustics Option** – Add our VAE® technology which allows the musician to hear themselves perform in different performance spaces and get immediate feedback with record/playback during the practice session.

***“We have five SoundLok practice rooms with VAE technology. Students practice in them constantly – at lunchtime, before school or after school – so I know they’re enjoying them. Students use the acoustic settings and recording capability and can practice without disturbing our rehearsals.”***

*– Dr. Buddy Clements, Band Director  
Walnut High School, Walnut, California*



## ORDERING INFORMATION

SoundLok Sound-Isolation Rooms come in a wide variety of configurations. Please call your Wenger representative so that we can understand your needs in order to provide the best solution and an estimate to help you budget your investment.

## SOUNDLOK® SOUND-ISOLATION ROOMS

### FEATURES

- Clean, professional 4" (10 cm) thick steel wall and ceiling panels are filled with high-grade acoustical insulation
- Rails, channels, and corner pieces interlock panels at the floor and ceiling with double-seated gasketed seams
- 3' (91 cm) wide door with glass panel allows easy monitoring, personal security, and inviting ambiance
- Advanced fan ventilation system supplies complete fresh air exchange every 1.5 to 2.5 minutes
- Special electronic ballasts lower power consumption of lighting and eliminate fluorescent hum

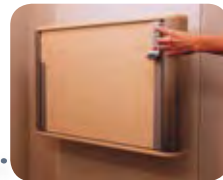
### OPTIONS

- Room heights (interior) available in 6" (15 cm) increments from 7'6" to 10' (2.3 m - 3 m)
- Door Options: 3' (91 cm) standard; 4' (122 cm) door for large instruments; double door for grand piano
- Vertical window panels available
- Horizontal broadcast application window available
- Horizontal and vertical closure panels available
- Closure panels create a complete, built-in look for side-by-side installations
- Extra-capacity raceway for communications and network cabling
- Floating floor for even greater sound isolation
- Available in three exterior colors. See below

Sleek, low-profile fluorescent lights provide better lighting and reduce shadows.

Ceiling trim provides a continuous profile design and matches wall and ceiling colors.

Optional computer shelf provides a useful workspace. Folds closed and locks when not in use.



Optional built-in Korg metronome/tuner. Mounts to wall wherever you want it.



The door has an impressive acoustical STC rating.



Boston University, Boston, Massachusetts



Aldine High School, Houston, Texas



Walnut High School, Walnut, California



University of Iowa, Iowa City, Iowa

### ADDITIONAL INFORMATION:



Brochure



Tech Sheet



Video



Website

Please call for additional literature or view on our website.

### COMPANION PRODUCTS:



VAE® Technology



Nota® Chairs



Music Stands

### DOOR AND FLOOR RAIL COLORS:



Charcoal Grey



Warm Beige

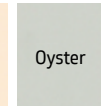
### WALL & CEILING PANEL COLORS:



Warm Sand



Vanilla



Oyster

# TRANSCEND™ ACTIVE ACOUSTICS

Transform your performance space into a multipurpose venue – now at an affordable price.



Wartburg College's Neumann Auditorium, Waverly, Iowa

## TRANSCEND™ ACTIVE ACOUSTIC SYSTEM

Wenger's Transcend™ Active Acoustic System gives facility managers the ability to enhance acoustic environments in virtually any space: performing arts centers, auditoriums, theatres, opera houses, arenas and worship spaces.

Developed using HARMAN's Lexicon active acoustic technology, the Transcend system offers a high-performance, affordable solution for acoustical flexibility. Transcend will truly transform your space into a multi-functional venue. You can manage your sound to simulate the acoustics of many larger performance spaces. It's truly dynamic. Transcend's active acoustics technology results in a system that requires fewer microphones and speakers to provide a more reliable and stable system. This allows for streamlined, lower-cost installations compared to other systems on the market, and the best possible sound quality for any seat in the house.

## TRANSCEND IS PERFECT FOR:



Performing Arts Centers



Auditoriums



Theatres



Opera Houses



Arenas



Worship Spaces

## ADDITIONAL INFORMATION:



Brochure



Website

Please call for additional literature or view on our website.



Scan with your smartphone to view video

## COMPANION PRODUCTS:



Diva® Acoustical Shell



Transform™ Acoustical Banners



Acoustical Panels

- ✓ **Dynamic** – Advanced design. A dedicated, state-of-the-art processor for active acoustics using high-speed digital audio communications with the other system components.
- ✓ **Clarity** – Natural reflections. Transcend Active Acoustic System enhances the reflections of the space providing optimal acoustics for any performance or event.
- ✓ **Transport** – Technology transforms. From choral and symphonic to drama and lecture, Transcend Active Acoustic System can optimize the space for each performance.
- ✓ **Connect** – Command and control. The entire system can be managed with remote control and visual monitoring using state of the art Audio Architect software.



## ORDERING INFORMATION

Wenger's Transcend System is customized to fit your unique space. Please call your representative so that we can understand your specific needs in order to provide the best solution and an estimate to help you budget your investment.

# TRANSFORM™ ACOUSTICAL BANNERS

Improve the acoustics of your auditorium or cafeteria with variable acoustic technology.



## TRANSFORM™ MOTORIZED ACOUSTICAL BANNERS

With Transform Motorized Acoustical Banners you'll never be more than a few seconds away from transforming your acoustics to best suit your next performance. Banners deploy quietly and quickly to control the levels of sound absorption and reflection in your auditorium, cafeteria, gymnasium or other performance space.

- ✓ **Acoustical Performance** – Tested and proven to significantly reduce reverberation time across a broad range of high and low frequencies.
- ✓ **Spacing** – By setting the spacing between fabric layers and/or the distance from the wall, we can carefully control the amount of absorption required for optimal acoustics.
- ✓ **Speed** – Banners deploy at speeds up to 45' (13.7 m) per minute.
- ✓ **Choice of Materials and Colors** – Option to use quilted absorptive fabric for increased absorption. Choice of several finished laminated wood colors.
- ✓ **Affordability** – Professional variable acoustics at an affordable price point.

### FEATURES:

- Available in 3' - 10' (0.9 m - 3 m) widths
- Tubular motor driven system for use in an operator controlled or pre-set environment
- Several fabric options available
- Banner retracts into frame to hide from view when not in use
- Includes wall mount brackets for fast and easy installation
- Banner system will integrate with J.R. Clancy's SceneControl™ system and other intelligent control systems
- 3-year warranty

Banners deploy quickly and quietly up to 30' (9 m) long in certain widths.

Banner retracts into frame when not in use.

### ORDERING INFORMATION

**Transform Motorized Acoustical Banners are customized to fit your unique space and acoustic needs. Please call your representative so that we can understand your needs in order to provide the best solution and an estimate to help you budget your investment.**

### ADDITIONAL INFORMATION:



Color Swatches



Tech Sheet



Website

Please call for additional literature or view on our website.



Scan with your smartphone to view video

### COMPANION PRODUCTS:



Diva® Acoustical Shell



Stage Rigging Control Systems



Acoustical Treatments

# REHEARSAL ROOM ACOUSTICS

Absorber and diffuser wall panels for room acoustic correction.



Walnut High School, Walnut, California

*“The acoustical treatment has really changed our rehearsals; my students are excited to hear the difference. Band comes alive when you can move beyond learning your own part to analyzing other parts and hearing what the composer intended. I think that’s the ultimate enjoyment and reward of music in the band setting – it’s about the ensemble.”*

– Anthony H. Bailey, Director of Bands,  
Hart High School, Santa Clarita, California

## EACH PANEL IS TUNED TO A PARTICULAR ACOUSTICAL TASK

Wenger has engineered five unique technical designs, in dozens of sizes, shapes, and diffusion angles and finish options, to yield a broad selection of acoustical panels.

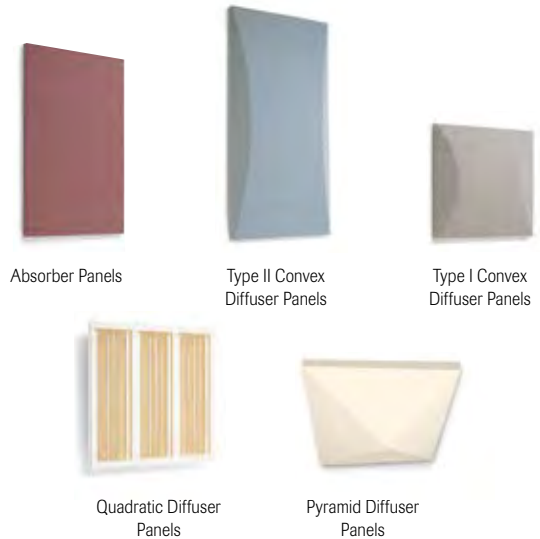
## REHEARSAL ROOM ACOUSTICS

Whether you’re building a brand-new rehearsal room or need to enhance your existing space, Wenger can provide the consultation and acoustical panels to help you succeed. We design and manufacture our own highly advanced acoustical products and Wenger knows how to apply them to optimize the acoustics in your room.

- ✓ **Guaranteed Acoustical Performance** – Every room is first analyzed to provide the best solution of absorption and diffusion – and then Wenger guarantees the resulting acoustical performance!
- ✓ **Solves Acoustic Problems** – Wenger understands the acoustic problems that negatively affect rehearsal rooms such as flutter echo, hot spots and dead spots, lack of clarity, and excessive loudness. Wenger has a diverse product offering to effectively eliminate these problems.
- ✓ **Auralization Capability** – Wenger can provide a simulation of the reverberation of a rehearsal room in order to “hear” the recommended acoustical effect before you purchase.

## ORDERING INFORMATION

Please call your Wenger representative so that we can first thoroughly understand your needs in order to provide the best solution and estimate.



Absorber Panels

Type II Convex Diffuser Panels

Type I Convex Diffuser Panels

Quadratic Diffuser Panels

Pyramid Diffuser Panels



Wenger acoustical panels add visual appeal. You can choose from dozens of attractive fabric colors to coordinate with other Wenger products, and complement your color scheme.

## ADDITIONAL INFORMATION:



Brochure



Tech Sheet



Website

Please call for additional literature or view on our website.

## COMPANION PRODUCTS:



Acoustical Doors



Tunable Acoustical Panels

# TUNABLE ACOUSTICAL PANELS

The revolutionary acoustical panels that remove acoustic compromise from any room.



Hart High School, Santa Clarita, California

## TUNABLE ACOUSTICAL PANELS

How do you create the optimal acoustical space for band and choral rehearsal in the same room with the same acoustical panels? Impossible – until now. Wenger’s Tunable Panel is an innovative design that adapts its absorption and diffusion capability to create a “flexible” room acoustically. Turn the handle to the left and the panel becomes an absorber – turn it to the right, and it becomes a diffuser. It takes just seconds, so you can tune your room between periods or after school, or whenever your students rehearse. The exterior shape of the panel always stays the same.

- ✓ **Superior Sound Isolation – Flexibility** – Allows the same rehearsal room to be used for both instrumental and choral rehearsals. Amount of change in reverberation time is up to .8 seconds. Acoustical test data available.
- ✓ **No Need To Change Panels To Alter Acoustical Performance** – Panels can be changed to be either an absorber or a diffuser. The turn of a handle changes internal air space to either absorb sound or diffuse sound.
- ✓ **Aesthetically Pleasing Appearance Compared To Fixed Panels** – Can be used in college/university recital halls or school cafeteriums as well as rehearsal rooms. Able to match woodgrain finishes of Wenger cabinets. All panels look the same.

## ORDERING INFORMATION

Please call your Wenger representative so that we can first thoroughly understand your needs in order to provide the best solution and estimate.

### ADDITIONAL INFORMATION:



Brochure



Tech Sheet



Website

Please call for additional literature or view on our website.

### COMPANION PRODUCTS:



Acoustical Doors



Acoustical Panels



#### Diffusion Mode

Reflects sound waves for improved blending of sound.



#### Absorption Mode

Absorbs sound waves to lower sound level.

## FEATURES:

- Easily accessible and interchangeable for absorption or diffusion
- Provides up to 0.8 seconds of change in reverberation time
- Allows same room to be used for both choral and instrumental rehearsal
- Provides broad range frequency absorption from 125hz to 4000hz
- Ideal for music rehearsal rooms, recital halls, and cafeteriums
- Face panel is constructed of a curved aluminum microperf panel, wrapped in fabric.
- Available in select woodgrain laminate finishes
- 4' x 4' (1.2 m x 1.2 m) stackable design
- Panels are available in these configurations:
  - Absorber/Diffuser (changeable)
  - Absorber Only
  - Diffuser Only
- Some assembly required
- Five-year warranty

