

Wenger®

CORPORATION

DIVA® ACOUSTICAL SHELL SYSTEM





“Our Diva shell is finished in a beautiful Honduran mahogany veneer – it’s absolutely gorgeous. Our technical staff appreciates the Diva’s versatility and easy handling. Working with Wenger on our new facility was a really nice collaboration. They understood our objectives and whenever we had needs, Wenger stepped up and met them.”

Don Fassinger
Manager
Tempe Center for the Arts
Tempe, Arizona

“The Diva shell’s big advantage is the acoustic environment it creates, helping students become critical listeners. They’re learning to respond to what they’re hearing and the audience overwhelmingly hears the difference too.

“The Diva shell finishes the appearance of the auditorium very beautifully. Wenger matched the shell’s veneer to the warm cherry wood interior panels, giving a really nice, unified look.

“For setup and takedown, the Diva shell works exactly as promised.”

Robert Palmer
Chairman of Performing Arts
Avon Old Farms School
Avon, Connecticut



MAGNIFICENT ACOUSTICS •

DIVA SHELLS REWARD YOU WITH BETTER PERFORMANCES

The first goal of the acoustical shell is to improve the acoustical environment on stage. Diva has the acoustical and engineering test data along with the technical expertise to ensure that it will meet or exceed acoustic requirements of your project. Wenger is recognized as an expert in custom veneer design and application to deliver beautiful aesthetics for both new construction and historic restoration.



Folsom Lake College, Folsom, California

DIVA® PAYS ITS WAY WITH SUBSTANCE, STYLE, AND EASE

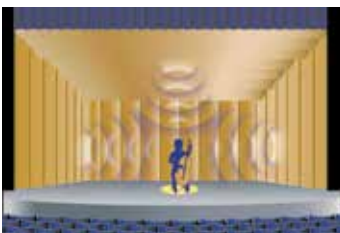
Diva's composite-panel construction provides superior acoustical performance and Diva's ability to produce custom aesthetics at a lower cost is a Wenger Corporation exclusive. We also think you'll see that Diva is engineered and built to a higher standard. The all-aluminum frame provides longer-lasting rigidity and easy operation. Diva also gives you the unique advantages of the Air Transporter, which allows one person to move Diva towers on a cushion of air. Setup time and crew size are slashed, and there's less wear and tear on the shell itself – and on your stage floor.



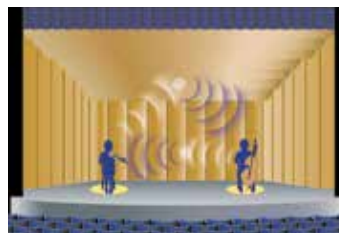
DIVA GIVES YOU THE TOOLS TO CREATE THE LOOK YOU WANT

You can choose from a vast selection of hardwood veneers, laminates, paint finishes, and accents that allow you to enhance any decor and complement any architecture.

BREATHTAKING AESTHETICS



Diva reflects sound back to the source so musicians can hear themselves more accurately.



By reflecting and diffusing sound throughout the enclosure, Diva enhances cross-communication vital to ensemble performance.



Diva projects sound into the audience and prevents sound energy from escaping into the fly loft, curtains, and stage wings.



For conductors, Diva delivers a more accurate blend of sounds from the entire orchestra.



“Our Diva shell is often put up in the auditorium for all sorts of events, including piano recitals, show choir contests and concert choir performances.

“Without the shell, sound just goes completely into the rafters – it’s very obvious. The shell makes a sizable difference in containing the sound and projecting it out to the audience rather than up into the ceiling. Whether onstage or in the audience, you can really tell the shell’s benefits.”

Dan Baker

Choir Director and Music Department Chair
Northridge High School
Middlebury, Indiana

“The Diva shell’s effect is very encouraging – we know we’re going to have a good sound. Playing is much more exciting when we’re not struggling to hear each other. The audience also hears a balanced sound, even from smaller ensembles.”

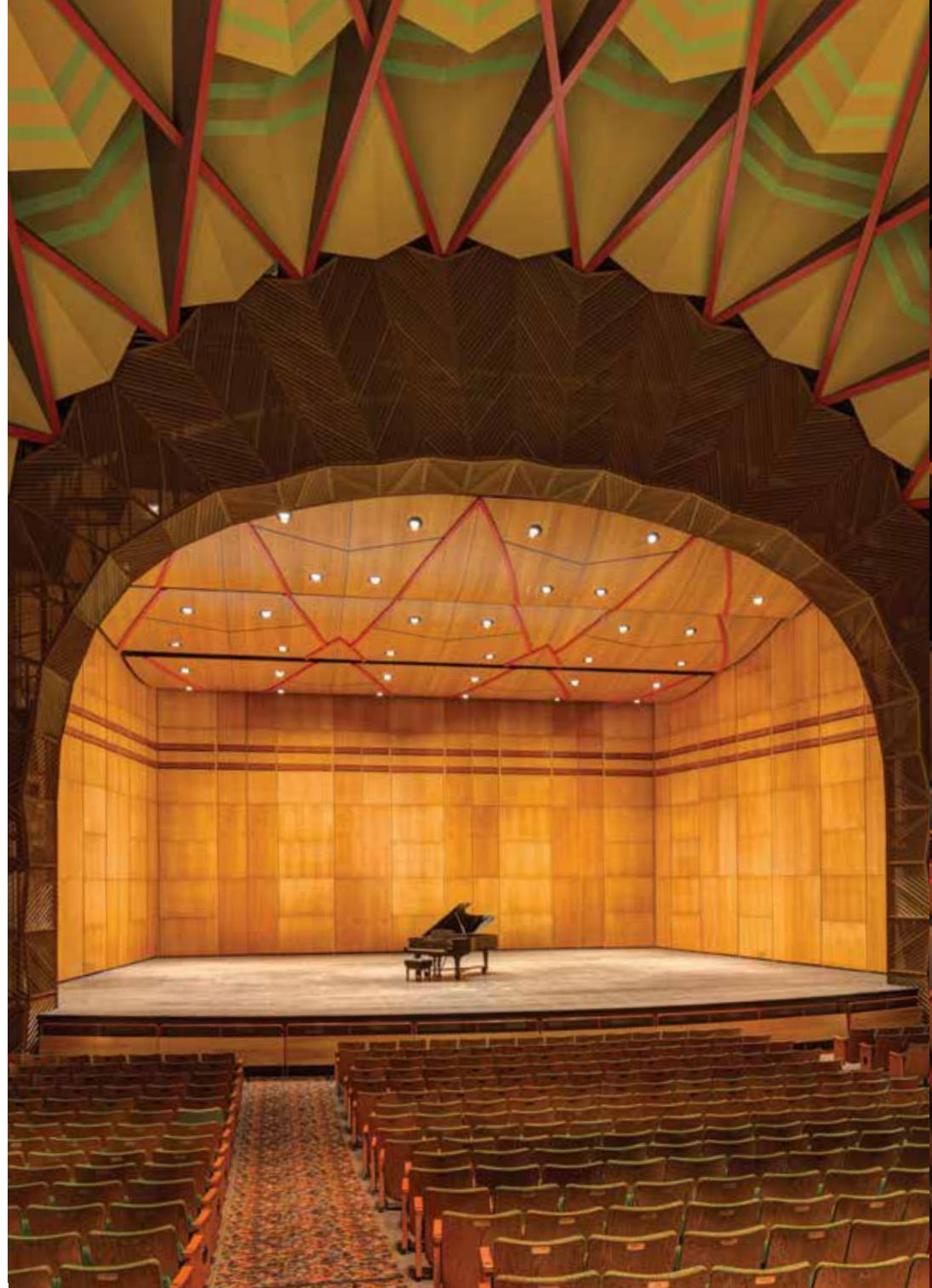
David Large

String Orchestra Director
Booker T. Washington High School
for the Performing and Visual Arts
Dallas, Texas

“Acoustically the Diva shell makes a world of difference. We can hear everything beautifully – it’s amazing! The shell looks great too, coordinating nicely with the Diva panels in the seating area. It’s the perfect package.”

Luis Martinez

Band Director
Booker T. Washington High School
for the Performing and Visual Arts
Dallas, Texas



Atwood Concert Hall, Alaska Center for the Performing Arts, Anchorage, Alaska

A W E S O M E V E R S A T I L I T Y • S M A R T

DESIGN ADVANTAGES

- Inherent design flexibility and economies allow you to achieve extensive finish options and allow you to achieve virtually any look within any budget range.
- Wall and ceiling design enables multiple configuration sizes for orchestras, bands and ensembles for superior sound reflection.
- Rigid composite panel construction.
- All-aluminum frame is rigid, durable and economical.
- Stage access doors are quiet, convenient and can accommodate a grand piano.
- Nesting wall tower design saves storage space.
- Integrated Wenger Lieto™ LED fixtures provide uniform lighting on stages with clean architectural appearances.

OPERATION ADVANTAGES

- Counter-weighted base stabilizes towers and maintains balance during setup/strike.
- Ceiling panel performance angle presets eliminate guesswork and speed setup.
- Tower Wing Panels lock securely in performance and storage position.
- Tower leveling pads eliminate gaps between towers.



DIVA® ADAPTS TO YOUR BUDGET

- Diva's inherent design features are well worth your investment and will save you time and labor costs year after year.
- All Diva features are standard allowing the maximum performance and features for your budget.
- Customization is unlimited - Finishes, Shapes, Acoustic Shelves and Acoustical Venting.
- Additional or variable acoustic panel mass options available

DIVA'S EXTRUDED ALUMINUM FRAME

- Light weight and extremely rigid.
- Integrated panel hinges with Oilite® bearings provides smooth/quiet operation.



Booker T Washington High School for the performing and visual arts, Dallas, Texas

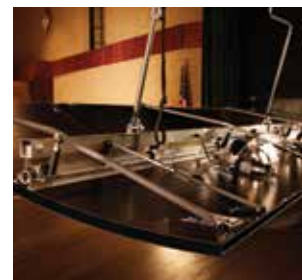
T E C O N O M I C S • L A S T I N G V A L U E



Composite-panel/honeycomb-core construction creates an acoustically reflective surface that excels across a broad range of frequencies.



Convenient, quiet stage access doors make it fast and easy to move people on and off stage. Double doors can accommodate grand pianos.



Ceiling panels attach to stage rigging and are available with Wenger Lieto™ LED fixtures.



“The Diva shell helps create the best acoustic environment for the musicians, enabling them to do their jobs in a better, easier way. If musicians can hear each other, they can play together as a much more unified group. That’s been my experiences with Diva shells at two different facilities. The Diva’s flexibility definitely gives us different options for setting up the orchestra. The Symphony probably uses the Diva two or three times per month – it varies from month to month.”

Laura Bordner Adams
Director of Orchestral Operations
Richmond Symphony Orchestra
Richmond, Virginia

“We’ve worked with Wenger on other unusual shells; they very much have a can-do attitude and offer creative solutions. I like how they roll up their sleeves and get into the spirit of what we’re trying to accomplish, even if it’s something they’ve never done before. The Diva shell fit all the right criteria for the Carpenter Theatre, including portability and affordability. We needed a flexible shell that could be moved on and off stage, with the ability to park and nest the towers.”

Bruce Herrmann
AIA, Director,
Wilson Butler Architects
Boston, Massachusetts



BEAUTIFUL CUSTOMIZATIONS •

CUSTOM DIVA OPTIONS

ACOUSTICS

- Custom-shaped ceiling and wall panels.
- High-density panels.
- Adjustable acoustically transparent panels.
- Acoustical tower shelves.
- Flat and curved panel combinations.
- Forestage reflector/diffuser.

AESTHETICS/DESIGN

- Wood veneer finishes.
- Field-applied faux finishes.
- Panels with custom shapes/radius.
- Accents, inlaid features, and other architectural enhancements.

STORAGE

- Towers with folding bases.
- Towers flown for storage.
- Removable top tower sections.
- Removable ceiling sections.
- Ceiling storage carts.
- Flown ceiling storage carts.
- Flown or attached rear wall.



Fisher Center for the Performing Arts, Belmont University, Nashville, Tennessee

DIVA® IS THE RIGHT PLATFORM FOR ANY CUSTOM SHELL

We've designed Diva to accommodate any customization required for your project. Our designers work with your project team to create the shell that is perfect for your facility. Diva design and aesthetics accommodate everything from historic theatres to the most modern architecture. Acoustical requirements for specific shapes and mass can all be realized with the Diva platform. Acoustical shell storage is of paramount concern for all facilities and Wenger has a long history of solving shell storage challenges – everything from folding tower bases to flying walls and removable ceilings.

CUSTOM DIVA ACOUSTIC SHELLS THAT FIT YOUR BUDGET

Our years of experience in designing custom acoustic shells offers your project team the ability to create a shell as unique as your facility and fit within your budget. Wenger offers a design-build approach to satisfying your most stringent aesthetic, acoustic or storage requirements. Our designers are here to collaborate with you to create the perfect shell and add value-engineered solutions while controlling costs.



INTERNATIONAL EXPERIENCE



Tunable panels use flat, curved, and acoustically transparent panels to meet specific acoustical needs.



Tower shelves enhance cross-stage hearing for musicians and fold for compact storage.



Removable tower top sections allow access to storage areas with lower ceiling heights.



“The whole Diva system is amazing – and so user-friendly. The orchestra really likes that they can hear themselves, and Diva also projects sound to the audience. Setup, adjustments, and fine-tuning are easy, and it all nests into a 15’ x 8’ footprint.”

Ralph Wilson
Stage Manager
Fox Cities Performing Arts Center
Appleton, Wisconsin

“I’m a big proponent of the Diva system. I think it’s easy to deploy; we deploy it at least twice a month, sometimes more. Deploying takes less than two hours and striking less than one hour. For storage, I like how the towers nest together and stack fairly tight, without taking much room.”

Steve Sweet
Technical Director
Richmond CenterStage
Richmond, Virginia



The counter-weighted base provides stability when the Diva towers are set in place and when they are moved from performance to storage areas.



Adjustable bases and pads make it easy to level Diva towers. You’ll love having the ability to quickly and precisely fine-tune your Diva presentation.



FEATURES AND BENEFITS

ALUMINUM TOWER FRAME DESIGN

Easy to move, durable aluminum extruded frame towers reduce overall weight of tower assembly and minimizes point loads on the stage floor (weight of aluminum is about 35% of the weight of steel). The standard aluminum extruded frame is designed for towers up to 40’ tall.

WING AND DOOR HINGES

Tower wing and door hinge assemblies consist of extruded aluminum sleeves that are built to last using Oilite® self-lubricating bearings that enables a smooth and quiet door operation that is virtually maintenance free.

SUPERIOR WOOD VENEER

Wenger Corporation’s commitment to excellence ensures proper veneer application of our standard high-grade veneer options that are presorted based on wood grain and color. Custom veneer solutions available.

MULTIPLE FACTORY-APPLIED FINISH OPTIONS

Wood Veneer: Rich aesthetic appearance available in any wood species
Plastic Laminate: Durable with a vast array of colors and patterns
Paint: Durable and unlimited color choices



The American International School of Muscat (TAISM), muscat, Oman

DIVA® OWNERS KNOW — DIVA'S EFFICIENCIES ARE PRICELESS

Engineering excellence is a Wenger hallmark, and Diva may be our finest example. The ingenious design, built with the highest-quality materials and hardware, operates in a unique manner that is one of Diva's greatest attributes. You'll need fewer people and less time to set and strike the shell because Diva is so easy to operate and so stable and secure. That's also why you'll be likely to use and reconfigure it more often. Diva is designed and built to last.

Wing stays and angle positioners make it easy to adjust Diva's wing panels into the perfect position. Preset ceiling panel angles are infinitely adjustable.



The compact nesting design is a big space saver. Use the Wheeled Mover or Air Transporter to move towers into a stage wing where they nest snugly into a small footprint.



Adjustable ceiling panels attach to stage rigging and deploy quickly. When not in use, they store in the fly loft. Available with Wenger Lieto™ LED light fixtures.

ITS OF A DIVA SHELL

ALUMINUM CEILING FRAME DESIGN

Built-in aluminum extruded truss makes Diva's ceiling assembly rigid and straight allowing hanger arms to be located next to rigging cables for the strongest point of support and also serves as an electrical raceway for integrated light fixtures.

CEILING HINGE SYSTEM

Diva's ceiling hinge system uses self-lubricating thermoplastic bearings that are durable, quiet and virtually maintenance-free making rotating to and from the performance position easy for one or two people.

EASY-TO-USE CEILING ANGLE ADJUSTMENT

Locking into performance positions is easy using Ceiling stays that are spring-loaded and allow for quick, easy and infinite angle adjustments to your preferred preset angles.



OWATONNA High School
OWATONNA, MINNESOTA



Avon Old Farms School
Avon, Connecticut



Phoenix Symphony Hall
Phoenix, Arizona



McAllen Performing Arts Center,
McAllen, Texas



Teatro Aguascalientes
Aguascalientes, Mexico



Auburn University
Auburn, ALABAMA



Artis Naples Performing Arts Center
Naples, Florida



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DIVA® INSTALLATIONS AROUND THE WORLD.

Your Wenger Corporation team of experts is ready to work closely with you to design the ideal acoustical shell system for your facility. Visit www.wengercorp.com to view an extended owners list and photos of installations from around the world.

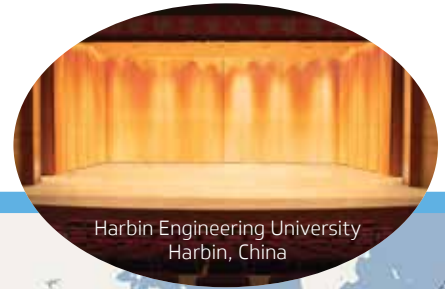
Tivoli Concert Hall
Copenhagen, Denmark



Janáč ek Theatre
Brno, Czech Republic



Harbin Engineering University
Harbin, China



Sankei Hall
Osaka, Japan



Teatro Del Canal
Madrid, Spain



National Theater
Seoul, South Korea



Sha Tin Town Hall
N.T., Hong Kong



TALLATIONS

PERFORMANCE CENTERS

- Belle Mehus City Auditorium, Bismarck, North Dakota
- Cape Cod Symphony, Barnstable, Massachusetts
- Charles W. Eisemann Center for Performing Arts, Richardson, Texas
- Coronado Theatre, Rockford, Illinois
- Eisemann Center for Performing Arts, Richardson, Texas
- Embassy Theater, Fort Wayne, Indiana
- Four Rivers Center for the Performing Arts, Paducah, Kentucky
- Fox Cities Performing Arts Center, Appleton, Wisconsin
- Gwinnett Civic and Cultural Center, Duluth, Georgia
- Harris Theatre at Chicago Music & Dance, Chicago, Illinois
- Lencic Theatre, Santa Fe, New Mexico
- Lyric Opera House, Kansas City, Missouri
- McCallum Theatre, Bob Hope Cultural Center, Palm Desert, California
- Orpheum Theatre, Sioux City, Iowa
- Philharmonic Veterans Memorial Auditorium, Providence, Rhode Island
- Phoenix Symphony Hall, Phoenix, Arizona
- Richmond CenterStage, Richmond, Virginia
- Saenger Theater, Mobile Symphony, Mobile, Alabama
- San Francisco Opera House, San Francisco, California
- Spencer Theater, Ruidoso, New Mexico
- Spokane Opera Center, Spokane, Washington
- Sunset Center for Performing Arts, Carmel, California
- Tampa Bay Performing Arts Center, Tampa, Florida
- Tennessee Theater, Knoxville, Tennessee
- Tempe Center for the Arts, Tempe, Arizona
- The Granada Theatre, Santa Barbara, California

COLLEGES AND UNIVERSITIES

- Anne Arundel Community College, Arnold, Maryland
- Ball State University, Muncie, Indiana
- Bethune-Cookman College, Daytona Beach, Florida
- Fort Lewis College, Durango, Colorado
- Indiana Wesleyan University, Marion, Indiana
- McIntyre Hall Performing Arts and Conference Center, Skagit Valley College, Mount Vernon, Washington
- Missouri Southern State College, Joplin, Missouri
- Montclair State University, Montclair, New Jersey
- Moorpark College, Moorpark, California
- Point Loma Nazarene College, San Diego, California
- Rhode Island College, Providence, Rhode Island
- Rose State College, Midwest City, Oklahoma
- Rowan University, Glassboro, New Jersey
- Scripps College, Claremont, California
- South Mountain Community College, Phoenix, Arizona
- Stephen F. Austin State University, Nacogdoches, Texas
- Tsinghua University, Beijing, China
- University of Memphis, Memphis, Tennessee
- University of Mississippi, Oxford, Mississippi
- University of Pennsylvania/Clarion, Clarion, Pennsylvania

SECONDARY SCHOOLS

- Andy Dekaney High School, Houston, Texas
- Ashley High School, Minnie Evans Performing Arts Center, Wilmington, North Carolina
- Avon Old Farms School, Avon, Connecticut
- Booker T. Washington High School for the Performing and Visual Arts, Dallas, Texas
- Brenham High School, Brenham, Texas
- Buffalo High School, Buffalo, Minnesota
- Castle Dale High School, Castle Dale, Utah
- Central York Middle School, York, Pennsylvania
- Clarkston High School, Clarkston, Washington
- Cooperativa De Anasco, Anasco, Puerto Rico
- Fajardo High School, Fajardo, Puerto Rico
- Galena High School, Galena, Kansas
- Gillett High School, Gillett, Wisconsin
- Grants Pass High School, Grants Pass, Oregon
- Hastings High School, Hastings, Minnesota
- High School for the Creative & Performing Arts, Philadelphia, Pennsylvania
- Hurricane High School, Hurricane, Utah
- Judson High School, Converse, Texas
- Ketchikan High School, Ketchikan, Alaska
- Klahowya Secondary School, Silverdale, Washington
- Mesquite High School, Gilbert, Arizona
- Minnehaha Academy, Minneapolis, Minnesota
- Nequa Valley High School, Naperville, Illinois
- North Thurston High School, Lacey, Washington
- Northridge High School, Middlebury, Indiana
- Oliver Middle School, Brockport, New York
- River Rouge Middle/High School, River Rouge, Michigan
- Santa Monica High School, Santa Monica, California
- Tempe High School, Tempe, Arizona
- West Salem High School, Salem, Oregon
- Dunman High School, Singapore

INTERNATIONAL INSTALLATIONS

- Aalto Theatre, Essen, Germany
- Belle Artes, Humacao, Puerto Rico
- CAFAM, Bogota, Colombia
- Casino Theater, Zug, Switzerland
- Cooperativa De Anasco, Anasco, Puerto Rico
- Fajardo High School, Fajardo, Puerto Rico
- Haifa Auditorium, Haifa, Israel
- Harbin Engineering University, Harbin, China
- Heichal Hatarbut, Rishon LeZion, Israel
- Hirosaki University, Japan
- Janáč ek Theatre, Brno, Czech Republic
- Konser Sahne, Istanbul, Turkey
- Luxor Theater, Rotterdam, Netherlands
- Meininger Theater, Meiningen, Germany
- Mississauga Living Arts Center, Mississauga, Ontario
- Nagano Public Hall, Japan
- National Theater, Seoul, South Korea
- Saskatoon Centennial Auditorium, Saskatoon, Saskatchewan
- Seons Cultural Center, Seoul, South Korea
- Sankei Hall, Osaka, Japan
- Shanghai Concert Hall, Shanghai, China
- SODRE, Montevideo, Uruguay
- Teatro Aguascalientes, Aguascalientes, Mexico
- Teatro Del Estado - Xalapa, Veracruz, Mexico
- Teatro Solis, Montevideo, Uruguay
- Tivoli Concert Hall, Copenhagen, Denmark
- Tiyoti Sahne, Istanbul, Turkey
- Tuen Mun Town Hall, Hong Kong
- Umea Theater, Umea, Sweden
- University of Guelph, Guelph, Ontario
- Upper Canada College Secondary High School, Mississauga, Ontario
- Wuxi Opera House, Wuxi, China
- Yongsan-gu, Seoul, South Korea



Wenger®

C O R P O R A T I O N

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Minnesota Location

Wenger Phone 800.4WENGER (493-6437) Wenger Worldwide +1.507.455.4100 | Parts & Service 800.887.7145 | wengercorp.com
GearBoss Phone 800.493.6437 | gearboss.com
555 Park Drive, PO Box 448 | Owatonna | MN 55060

New York Location

JR Clancy Phone 800.836.1885 JR Clancy Worldwide +1.315.451.3440 | jrclancy.com | 7041 Interstate Island Road | Syracuse | NY 13209

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Music Education



Performing Arts



Athletics