

CAPABILITIES

WE ADVANCE YOUR INTERESTS

The team at TALASKE is passionate about designing environments that sound as good as they look. We understand that the work we do can have a significant impact on the success of a facility. It's a big responsibility and we take it seriously.

Grounded in technical and artistic training, we understand the physics of acoustics and audio. Just as important, we understand what staff, students, patrons and performers need from facilities in order to succeed.

Our team provides a full complement of integrated services for:

- Room Acoustic Design
- Acoustic Isolation Design
- Noise Control Design
- Audio Video System Design
- Community Noise Surveys

During the design process, we use our insight and experience to represent the needs of audiences and performers and keep team efforts focused on the needs of the users. In association with our partner firm, Professional Audio Designs, we are able to offer complete audio video system installation services. Our goal is to advance the highest standards of acoustics, audio and video capabilities in performance facilities.



noise surveys



WRIGLEY FIELD – Chicago, Illinois

As the oldest and most iconic baseball stadium within the National Baseball League, historic Wrigley Field is undergoing a major update. The phased, multi-year renovation will include additional seating, upgraded player facilities, food and beverage facilities, and remodeled public spaces. TALASKE will address acoustic design, community noise evaluation, and (pending authorization as of 1/13) audio, video, and digital signage systems. Cost: \$500M. Completion: 2018.

ACOUSTICS, AUDIO AND VIDEO: TALASKE

ARCHITECTS: Stantec (formerly VOA Associates Inc)

JAY PRITZKER PAVILION, MILLENNIUM PARK – Chicago, Illinois

This world-class pavilion—the new home of the Grant Park Orchestra and Chorus—relies on acoustic and audio innovations to deliver a virtual concert hall sound outdoors. The renowned outdoor concert venue offers superior sound experiences to audiences of 11,000, using reinforcement and acoustic enhancement systems to support all types of musical performances. Cost: \$60M. Completion: 2004.

ACOUSTICS AND AUDIO: TALASKE

ARCHITECT: Gehry Partners, LLP and Skidmore, Owings & Merrill

THEATRE CONSULTANT: Schuler Shook



THE HILL THEATRE, AMERICAN PLAYERS THEATRE – Spring Green, Wisconsin

The strength of APT is the quality of the performers. The open-air design of the Hill Theatre challenges performers to project their voice for all to hear, but the 2017-renovation made their roles easier. Acoustic improvements to the famed outdoor repertory theatre have been balanced with the desire to maintain the traditional qualities of the space. The stage layout was developed with consideration of sound reflection to audience members. The seating layout most-distant patrons has been reduced by 20 degrees. Shelves on the surrounding walls direct sound to distant patrons. Audio systems and control upgrades support effects and the hearing impaired. As in the past, the patron experience begins with a pleasant walk through a hardwood forest and ends with the finest outdoor theatre available. Cost: \$7.7M. Completion: 2017

ACOUSTICS AND AUDIO: TALASKE ARCHITECT: Strang Inc.

FORD AMPHITHEATER AT CONEY ISLAND – New York, New York

TALASKE consulted on the development of a 5,200-seat outdoor music venue in New York City. The charge was to develop a creatively designed, high-performance sound system that minimized the amount of sound propagating to the surrounding community. The design included a combination of main loudspeaker arrays along with delay arrays suspended over the audience for the rear seating areas. Cardioid subwoofer arrays were considered to provide a more controlled environment for the performers on-stage. Separate computer models were used to understand both the direct sound in the audience area and the sound at sensitive receptor sites near the property lines. Cost: \$60M. Completion: 2016.

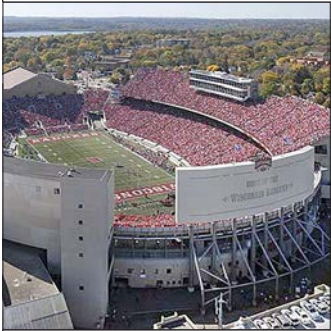
ACOUSTICS AND AUDIO: TALASKE



JUDSON COLLEGE SPORTS COMPLEX – Elgin, Illinois

The softball stadium at Judson University, with approx. 2,250-seats, required a community noise study to evaluate impact on neighboring residential areas. Design and commissioning of a new permanently installed audio system was coordinated with the client and contractor. This former home for National Pro Fastpitch (NPF) women's softball team Chicago Bandits offers fans a professional sound system that serves all seating areas equally. Bill Sokolis, President & CEO of the Chicago Bandits, declared: "No other NPF stadium sounds this good. We couldn't be happier." Costs: n/a. Completion: 2008.

ACOUSTICS AND AUDIO: TALASKE



CAMP RANDALL STADIUM, UNIVERSITY OF WISCONSIN – Madison Wisconsin

The storied Camp Randall continues to evolve. Current upgrades include new workout facilities, new practice facilities, additional seating, a new audio system, and spectator amenities. TALASKE assisted on the project by developing acoustic isolation systems to avoid penetration of high-level audio from workout spaces to video studios and classroom. Additionally, community noise surveys were performed to document conditions before and after execution of upgrades. Costs: n/a. Completion: 2012

ACOUSTICS: TALASKE

ARCHITECT: Stantec (formerly VOA Associates Inc) with Berners-Schober

AURORA RIVEREDGE PARK – Aurora, Illinois

TALASKE collaborated with a team of designers to develop a vibrant new park and outdoor music venue in a recreational urban area, with a goal of providing entertainment, cultural and economic benefits to the City of Aurora. Located near the downtown area, the outdoor pavilion is envisioned for weekday and lunchtime uses as well as weekend events for audiences of up to 7,000. Cost: n/a. Completion: 2012

ACOUSTICS, AUDIO AND VIDEO: TALASKE

ARCHITECT: Muller + Muller

LANDSCAPE ARCHITECT: Terry Guen Design Associates, Inc.

ENGINEERING: Christopher B. Burke Engineering, Ltd.

THEATRE CONSULTANT: Schuler Shook



HILDE PERFORMANCE CENTER – Plymouth, Minnesota

An outdoor pavilion supports Plymouth's prestigious concert series featuring professional and community-based music groups. In this city of 67,000, the annual performance by the Minnesota Orchestra draws 10,000 fans. The acoustic and audio design of the stage enclosure and pavilion provide an excellent sound environment. Cost: \$1.2M. Completion: 2002.

ACOUSTICS AND AUDIO: TALASKE

ARCHITECT: Benz/Thompson/Rietow

THEATRE CONSULTANT: Schuler Shook

TUSCALOOSA AMPHITHEATER – Tuscaloosa, Alabama

The City of Tuscaloosa developed the Municipal Outdoor Performing Arts Center near the University of Alabama campus for hosting live music concerts and other community events. The facility accommodates 7,400 patrons in both fixed and lawn seats. TALASKE provided audio infrastructure design services and has consulted on stage acoustic design and site planning to address community noise. Cost: \$17M. Completion: 2010.

ACOUSTICS AND AUDIO: TALASKE

ARCHITECT: Davis Architects



KANSAS CITY POWER & LIGHT DISTRICT – Kansas City, Missouri

TALASKE completed the acoustic design of an outdoor performance plaza and made noise control recommendations associated with nearby condominiums. Cost: n/a. Completion: 2008.

ACOUSTICS: TALASKE

richard talaske

PRESIDENT AND PRINCIPAL CONSULTANT



Rick Talaske relishes great soundscapes. The engineer-turned-scientist-turned-acoustician routinely explores the world's great concert halls and theatres. Surveying a hall's soaring spaces and elegant architectural expressions, his mind translates a room's geometry, the character of its surfaces, its materials, and its spatial dimensions into acoustic possibilities. Analysis, investigation and reverence converge to plumb the space's possibilities—to take away whatever secrets and lessons it might reveal. Talaske is someone who is never satisfied with what he already knows.

Talaske's rigorous technical and scientific education resulted in exacting methodology and specific design standards. He is cheerily unapologetic about what might be experienced as "obsession with sound." People don't hire a world-class acoustician to achieve only fair results. What surprises some people is Talaske's passionate and enthusiastic advocacy for both performers and audience members. As an avid lover of live performance, he strives to create spaces that enhance live events.

Before founding his own acoustical consulting firm, Talaske was a protégé of Larry Kirkegaard for eight years, advancing quickly to senior consultant, where he was assigned major design and project management responsibilities for the Portland Center for Performing Arts, Bayfront Center St. Petersburg, Ordway Music Theatre, and many music education facilities. Twenty-Five years after founding the firm, Talaske is still enjoying finding new challenges and refining techniques to meet the needs of an ever expanding variety of project types.

EDUCATION

- M. S. in Acoustics, Pennsylvania State University, 1980. Honorary membership in PHI KAPPA PHI for scholastic achievement
- B. S. in Engineering, University of Michigan, 1976
- Continuing education in architectural materials, construction contracting, music theory, computer programming, digital signal processing, Spanish and photography

PROFESSIONAL EXPERIENCE

- Opened Chicago office of The Joiner-Rose Group for acoustics consulting in 1987; reorganized as Talaske-Joiner Group Inc. (1988), and The Talaske Group, inc. (1990)
- Acoustics Consultant with senior design and project management responsibilities for Kirkegaard and Associates, Inc. (1980-87)
- Chairman of Technical Committee on Architectural Acoustics, Acoustical Society of America (1990-93).
- Co-editor of three books on concert hall design, theatre design and music facility design (1982-86)
- President and Board Member for Oak Park River Forest Children's Chorus (1993-2004)
- Fellow of Acoustical Society of America. Member of USITT, ASOL, ISPA and NASM. Presenter & session chairman for numerous professional conferences.