

L-Acoustics Syva Helps Peoria's Scottish Rite Theatre Keep Its Classic Look While Adding Contemporary Sound

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White L-Acoustics Syva and Syva Low flank the Scotty's stage, while two X12 serve as near-balcony sidefills and two X8 serve as under-balcony sidefills.

Syva plays everywhere, but definitely plays in Peoria at this beautiful Gothic revival venue where

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L-Acoustics A10, 5XT, X12 and X8 speakers complete a sound system

that adds sonic beauty without interfering with the visual aesthetic

PEORIA, Illinois - July 2021 - The Scottish Rite Theatre—aka the “Scotty”—was built in 1925 as a Masonic cathedral. Recently, the Gothic-styled building underwent a \$5 million-plus renovation and now offers downtown Peoria a state-of-the-art performance and event venue. Listed on the National Register of Historic Places, the Scotty encompasses an 800-seat theater, luminous stained-glass windows, a lower-level ballroom with capacity for 300 people, and more than 10,000 feet of usable space, as well as a full basement kitchen and banquet facility. Everything looks great, but it's the auditorium that now also sounds great, thanks to an L-Acoustics Syva sound system installed there earlier this year by the Chicago office of integrator Creative Technology.

“Syva was the perfect solution for audio reinforcement at the Scotty,” says Greg Moore, Installations Project Manager for Creative Technology. “It had to sound great, which it does, but it also had to disappear. The aesthetics of this project were of paramount importance to the client. We were able to essentially camouflage the Syva, which we ordered in white from L-Acoustics, by installing them in the fluted trim around the sides of the proscenium. We used a combination of the manufacturer's own mounting solutions and a custom Unistrut bracket to hang them. The slim-yet-powerful Syva form factor is a perfect fit with the venue's proscenium architecture.”

The Scotty's new system comprises one Syva enclosure mounted to each side of the stage, a white Syva Low sitting on the stage below each main Syva column, four KS21 subs in the orchestra pit, and six 5XT coaxials spread out across the stage lip as frontfill. In addition, there is a cluster of two A10 Focus and one A10 Wide per side as balcony fills, as well as two short-throw X12 coaxials as near-balcony sidefills, two X8 speakers as under-balcony sidefills, and two more X12 as under-balcony delay speakers. Six LA4X amplified controllers power the entire system.

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Two white X12 are deployed as under-balcony delay speakers.

“The venue’s acoustics were pretty good to start with, and it has some nice natural diffusion, so there was no need for acoustical treatment,” says Moore. “And with the L-Acoustics deployment, we don’t have to push the system to get the kind of impact we need. The Syva themselves are doing only about 40 percent of the work, well supported by the other speakers, and the Syva Low enclosures are a great intermediary between the Syva and the KS21 subs.” The system, he says, covers both the seating area and the frequency spectrum effortlessly.

Jenny Parkhurst, Executive Director of Performing Arts at Scotty parent company The KDB Group, says the Syva system is everything they’d hoped for, crediting L-Acoustics and Creative Technology for succeeding in achieving a sound system that satisfies the requirements of modern audiences and professional performers while also maintaining the original architecture of the building and not distracting from the historic interior design.

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Six 5XT coaxials and four KS21 subs round out the stage system.

“While we are not quite open to the general public yet, we’ve had a few test runs of the sound system and it sounds amazing, far exceeding our expectations!” she attests. “We appreciate the time and effort taken by Creative Technology to carefully analyze the performance space, listen to our needs, and implement a state-of-the-art sound system that will prove to be the best in our community.”

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Peoria's nearly century-old Scottish Rite Theatre, aka the "Scotty".

For more details on the Scottish Rite Theatre, visit www.scottishritepeoria.com. Creative Technology can likewise be found online at www.ctus.com.

About L-Acoustics

Founded in 1984 near Paris, France, L-Acoustics is the market leader in professional sound reinforcement technologies. With over 550 team members worldwide and offices in Paris, London, Singapore, Los Angeles, and New York, L-Acoustics is present in over 80 countries via our network of Certified Providers. Focused on solutions that elevate the audience experience, more than 20% of L-Acoustics' talent is devoted to R&D in the areas of acoustics, applications, mechanics, electronics, signal processing, and software development. In recognition of creating innovative

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professional sound technology, L-Acoustics was named as one of *Fast Company's* Most Innovative Companies of 2020.

Recognized for pioneering the line source array, L-Acoustics continues to shape the future of the professional audio industry with L-ISA Immersive Hyperreal Sound technology, a multidimensional, object-based approach to designing, mixing, and processing sound that results in extremely natural and intelligible audio, and a more vibrant, authentic connection between artists and their fans. Now also available for exceptional private sound spaces with L-Acoustics Creations designs.

L-Acoustics technologies can be heard in places like the Hollywood Bowl, Dickies Arena, Allianz Arena, home of Bayern Munich, or the Philharmonie de Paris, as well as the world's top-grossing festivals, and on tour with world-class artists such as Mark Knopfler, Aerosmith, and P!NK.