Speaking of EV...

Volume 1, Issue 2



"Hang 'em, Cowboy"! Pro-Tek Audio in Kansas City, MO, recently used a full X-Array system to power ten show days during the annual American Royal Rodeo. The X-Array rig was up from Oct. 27 until Nov. 6 and provided great sound for the likes of Toby Keith, Lorrie Morgan and Willie Nelson, to name a few.

As the American Royal Rodeo shows were held in Kemper Arena, along with daily rodeo events, no equipment could be on the ground. The stage was lowered nightly for shows. Joe

Lewis Sound Designs X-Array System for U.S. Cellular Arena

Lewis Sound, Inc., of Milwaukee recently completed the design and installation of an X-Array sound system for the U.S. Cellular Arena located in Milwaukee. Former home of the Milwaukee Bucks and Marquette Warriors, the 18,000-seat arena was being updated to provide extra convention space as well as serve as a multi-purpose entertainment venue. In addition to hosting conventions, the arena will also showcase WWF wrestling matches, monster truck rallies, indoor soccer, women's basketball, concerts and rodeos.

Henry Lewis of Lewis Sound designed the system that was eventually installed. He found going into the job that the arena had very good acoustics for such a large space.

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Thoennes of Pro-Tek Audio had to design the X-Array system so that everything was flown - even the subs. Fortunately, X-Array equipment is designed so that it's easy to get off the ground, reducing labor time. To cover the 18,000 seat arena, stage right and left stacks were flown using five Xf far field loudspeakers per side to reach into the upper arena; four Xn near field speakers per side for the lower seating and the floor; plus six Xb subs per side for low end. These 30 boxes were powered by 16 P3000 amplifiers (four racks of four) and two of the new Klark Teknik DN9848 processors. The DN 9848 processors allowed Pro-Tek to save their system settings for Kemper Arena, thus simplifying next year's setup immensely.

The result of Pro-Tek's X-Array design was exceptional sound quality. "Even flown, the tilt of the Xn speakers provided the people right behind the barricade on the floor, only ten feet from the stage, with great clarity," Joe said. "The vocal clarity on the X-Array is the best we've ever had. X-Array sounds better with live music than any other system I've heard."

December 2000

Next up for Pro-Tek Audio and their X-Array gear? Three nights in November at Johnson County Community College auditorium with Doc Severinson and LaGrange. To cover the 4500seat room, Pro-Tek will use a total of 12 X-Array boxes ground-stacked, plus XW12 monitors onstage. The flexibility of X-Array equipment allows Pro-Tek Audio to accommodate all types of venues in all types of conditions while maintaining consistent, stellar sound quality.

Contact: Joe Thoennes at Pro-Tek Audio; 816-531-0066 ph; joe@protekaudio.com

Due to the multi-purpose nature of the arena, he wanted to be sure the sound system provided good bass levels. He had to accomplish this through flown loudspeakers in a space with practically no boundaries: the speakers would hang more than 70 feet above the floor with the ceiling 38 feet above them. This flown system consisting of six Xi1153/64 and twenty Xi2153/64 loudspeakers basically operated in an acoustic-free space. "The low frequency directivity provided by the Xi2153 when operated in the tripole mode produced well-defined and controlled bass," Henry explains. "The tripole mode gave vertical directionality of low frequency energy."

The U.S. Cellular Arena is the largest space Lewis Sound has tackled so far; however, they were more than up to the challenge by applying X-Array to the job. Everyone involved is pleased with the results.

Australian Entech Awards Rock with X-Array

The 2000 Australian Entech Awards dinner rocked with a full EV speaker system. The front of house system was comprised of X-Array concert Xn and Xds cabinets with Xi 1122s on delay. The foldback system consisted of X-Array XW12 wedges as well as T221M cabinets. The system was completely powered by Electro Voice "P" series amplifiers with control and eq by Klark Teknik.

A Midas XL3 console performed front of house duties, completing the system. The system was donated to the awards courtesy of Colin Baldwin at Showcorp. Front of house engineer for the night, Garry Hall, was very happy with the system and its performance.

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On Stage Audio Uses X-Array/EV Gear for "The Simpsons" Global Fan Fest

Known primarily for its award-winning TV writing, cult phenomena, "The Simpsons", also features innovative audio - from voice to musical accompaniment - which has helped define it as a distinctive piece of Americana. As a way of thanking its many zealous fans, 20th Century Fox hosted the recent Global Fan Fest, at which EV (Electro-Voice®) contributed its own unique audio by providing a variety of X-Array[™] and other EV loudspeaker system components for sound reinforcement.

Held on a 20th Century Fox backlot converted into the show's fictional setting of Springfield, Fan Fest brought together 3,000 contest winners and fans of the long-running animated series. Fans were treated to a game show based on "The Simpsons", a reading with cast members and a performance by the 40-piece orchestra that records all music for the series. An event of this scale would make any sound company scream "D'Oh!" but On Stage Audio (OSA) had the situation well in hand with EV.

The festival included a main stage and eight different sound zones throughout the grounds, with a variety of distributed music and sound effects used in each zone. OSA's Paul Deuschle, audio designer for the event, flew EV's Xf/Xb speakers around the stage for long-throw acoustics, using Xn and Xcn/Xcb speakers on the stage for near-field needs. He completed the main stage area with S-40 boxes for front fill and stage monitoring, while Xb dual 18-inch low frequency boxes provided the low-end. The result was excellent vocal intelligibility and musical clarity.

"We decided to use EV's X-Array[™] speakers because of their versatility and ability to create numerous configurations," said Deuschle. "With so many different sound zones, all requiring a wide range of sounds in many different types of conditions, we were able to match the speaker to the surroundings." Each zone represented a different setting, such as Moe's Bar, Maggie's Play Area, a Krusty Burger restaurant and Homer's Bar-B-Que. In zones where "big" sound was needed, Deuschle used Xi-1152 speakers to fill the space; for smaller areas he used Sx80 and Sx200 speakers. In all, 70 speakers were used throughout the festival, powered by EV P3000 amplifiers.

The sound was great throughout the entire backlot whether it was supporting the 40-piece orchestra or a reading of a 'Simpsons' episode with the show's voice talent. Everyone was very pleased with what we put together."

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Stand and Deliver

Onstage Audio of Chicago recently used Electro-Voice speakers to provide sound for all four Election 2000 debates. Electro-Voice Xi1152 loudspeakers were used as the main speaker system for the events. S40 loudspeakers were used for the foldback to the candidates, while 70-volt S40 boxes were used for distribution in venue holding areas where the candidates, campaign staff and members of the debate commission waited. The S40 speakers were also used for coverage of the entire audience for the Town Hall meeting - they were designed into the seating system. In addition, Electro-Voice S80 loudspeakers were used to provide PA coverage of the pool mix to the television network platforms.

Tom Nicks of Onstage Audio designed the speaker system for the debates and reports that everyone was pleased with the sound quality of the events.

Contact: Tom Nicks at Onstage Audio; 847-690-1210 ph; tnicks@osacorp.com

The Horse Whisperer Tours Australia with Electro Voice

Monty Roberts, the man who inspired the movie "The Horse Whisperer" starring Robert Redford, recently toured Australia using an Electro Voice VI speaker system. Monty is noted for his ability to train horses by talking to them. The tour featured a sell-out performance in the new Superdome at Homebush Park in Sydney as well as other major venues throughout the country.

Production was supplied by Sydney-based Sound on Stage and consisted of Electro Voice's unique VI speaker system. The cabinets chosen were the VI12s which feature a 12" bass woofer coupled with a compression driver on the VI horn flare. This provides a cabinet with rectangular horn coverage. The show was configured with audience seating around the horse ring. This allowed the system to provide even coverage of the venues with minimal cabinets, significantly reducing the rigging and time required for set up.

