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BREAKING NEWS: Trident to unveil new Series 80 console at AE.

News

XLC deployed for CCMA Awards

Rob Hughes Nov 1 2010, 5:51pm



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An [Electro-Voice](#) XLC compact line array system provided sound reinforcement at the recent Canadian Country Music Association awards show.

The CCMA awards show was held for an audience of about 8,000 at the Rexall Place hockey arena in Edmonton, Alberta. The CBC simulcast meant that lighting had a bigger-than-usual impact on the placement and setup of the system.

The PA system, designed and supplied by leading Canadian event and installation company Sound Art, comprised left and right main arrays that were each made up of 12 XLC127DVX three-way, high-output loudspeakers.

"The XLCs give us good sound in a small package – and that was a big help," said Sound Art technical projects manager Iain Graham. "The array was quite forgiving when we flew it high to clear the lights. The XLCs are so consistent and intelligible that you don't lose much by having the array a little farther away. So we were able to get them up out of the way and they still performed very effectively."

Graham designed the system in Electro-Voice's Line Array Prediction Software (LAPS) and directed on-site set up. FOH mixing was handled by Toronto-based freelancer Peter Stoyrich, while the mix on the EV Xw12 stage monitors was handled by Gerald Sawchuk, also of Sound Art Winnipeg, with Chase Tower and Dave Coe from Sound Art Calgary on RF and patch, respectively.



Mike Noga, an independent technician from Edmonton was the fifth member of the Sound Art crew.

For low end, Graham used 20 Xsub dual 18-inch subwoofers. Two per side were used for ground fill, with the remaining 16 flown in a center cluster. For side fill, each XLC array was flanked with a 12-box array of XLD281 loudspeakers. An additional four XLDs were positioned as single boxes across the downstage edge, and two stacked pairs were used for offstage ground fill.

"The XLDs are small and they sound great even as single boxes," Graham said, "so they're perfect for fill in situations where it's impossible

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to use the optimum positioning. The boxes were below the downstage lip, but I was able to get the coverage I needed without overpowering the first row of seating."

The system was controlled and monitored via Electro-Voice's NetMax N8000-1500 digital matrix controller, and powered by a combination of Precision Series and Tour Grade amplifiers. The Precision Series amps, used for the main arrays and subs, included ten standard P3000s and 28 P3000RLs with on-board DSP. The XLD zones were powered by TG-5 amplifiers featuring RCM-26 IRIS-Net compatible DSP and control modules.

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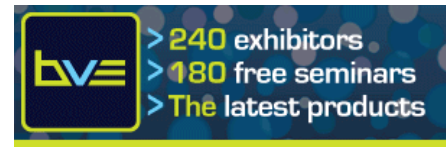
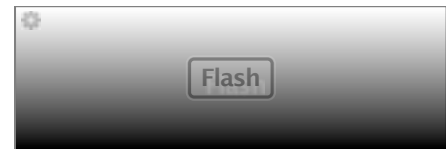
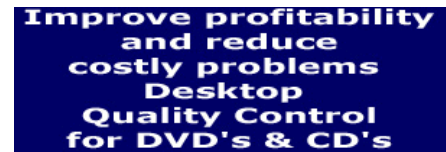
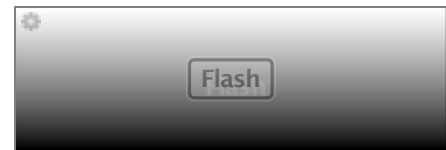
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