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### **IRC AUDIO BRINGS POWERFUL AUDIO TO INDIANA'S SCHEUMANN STADIUM WITH JBL**

NORTHRIDGE, CALIFORNIA, December 14, 2007 — Underscoring the precision and power of JBL Professional's VLA Series loudspeakers, Indianapolis, IN-based IRC Audio recently upgraded the stadium sound reinforcement system at Ball State University in Muncie, IN. The sound system retrofit is part of a \$13 million renovation to Scheumann Stadium, home of the Ball State University Cardinals football team.

The recent renovation at the 25,000-seat capacity Scheumann Stadium includes new lighting for night games, a new enclosure of the north end zone with lawn seating, new concession stands, a facade update, a larger press box and private luxury suites. IRC Audio was selected to provide an upgraded audio system in the north end zone.

"We needed to design a loudspeaker system around the scoreboard at the north end zone, and we considered several different line array product options," said Michael Petrucci, Senior Designer, IRC Audio. "I reviewed a technical whitepaper on the JBL VLA Series, and our design and installation team decided this was the best option for the application."



**IRC Audio installed a JBL VLA line array system as part of the new addition in the north end zone of Scheumann Stadium at Ball State University.**

IRC Audio installed 14 JBL VLA Series line array loudspeakers: two arrays in a left-right configuration comprised of five VLA601 loudspeakers per side, as well as a center array of four VLA601H loudspeakers. The line array system is powered with Crown I-Tech amplifiers. The scoreboard array racks accept Cobranet digital audio signals from BSS Audio's London Blu 80 signal processors, carried over optical cables with copper wiring as backup.

Loudspeaker suspension solutions from Polar Focus were employed. "The rigging was a challenge, and this was ground-up rigging, not just hanging," Petrucci added. "We cut a hole in the roof and built a frame on three points with three clusters on top of them. With unique mechanical solution we got within one degree of exactly where we wanted the loudspeakers to go. The outdoor system was completely functional within a week of starting the job."

Additionally, 62 JBL Control 26C in-ceiling loudspeakers are dispersed throughout the new press box, luxury suites, concourse areas and bathrooms. These systems are also driven with BSS London Blu Series signal processing, and are powered by Crown CTs amplifiers. Each of the 30 luxury suites and press boxes can choose from one of five audio sources. Local levels are controlled with BSS 9012 signal processors.

With the 2007 season coming to a close, the first uses of the new audio system at Scheumann Arena have been judged to be an overwhelming success. "The VLA Series gave us the high-impact, precision performance we needed from a line array, and JBL has designed VLA to be very conducive to permanent installations," Petrucci said. "When the referees come out on the field to test their microphones, they duck or jump when the sound hits them. They have never before heard themselves so loudly or clearly! The audio quality is really quite spectacular."

For more information on IRC Audio, please visit [www.ircaudio.com](http://www.ircaudio.com) or call 317-849-6887.

**About JBL Professional:**

Headquartered in Northridge, California, JBL Professional is the world's leading designer, manufacturer, and marketer of professional loudspeakers for recording and broadcast, musician, cinema, touring sound, commercial sound and contracting applications. JBL Professional is the proud recipient of the 2005 Technical GRAMMY® award. JBL Professional is part of the Harman International network of professional and consumer audio companies. For complete product and company information, go to the JBL Professional website at [www.jblpro.com](http://www.jblpro.com).

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