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NEWS RELEASE

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JBL AND PRO MEDIA COMBINE TALENTS TO DESIGN CUSTOM SOUND SYSTEM FOR MONSTER PARK

SAN FRANCISCO, CALIFORNIA, October 28, 2004 – Demonstrating its unique ability to provide audio technologies that can surmount the most challenging outdoor environments, JBL and leading Bay Area contractor Pro Media have completed a new sound system at Monster Park, home of the San Francisco 49ers, one of the windiest, most unpredictable sounding stadiums in the NFL.

“Working with the talented design teams and installers at Pro Media was an ideal match for us,” said Ted Leamy, Director of Engineered Sound Marketing, JBL Professional. “With our arrayable PD Series being optimized to work with the AE Series, along with the Crown and BSS systems, Pro Media’s professionals were able to design and install the right system in a difficult and challenging environment.”

Under the old name of Candlestick Park, the original JBL sound system was installed in 1988. At the time, it was thought that the sound system would last for five years. Instead it lasted for 16 years in the wind, rain, fog and cold that venue experiences on a daily basis on the edge of the San Francisco Bay. Once the decision was reached to replace the old system, Demetrius Palavos at Pro Media went back to JBL Professional and the Harman Pro Group to come up with a new system that would include custom enclosures using JBL components as well as Crown amps and BSS processing.

The result is a new state-of-the-art system that performs at the highest level of sound quality while also being durable in the most challenging environment. In the main “bowl” of the stadium, Pro Media worked with JBL Professional to build a custom enclosure for JBL’s AE Series speakers with rear/front/down firing components all contained within the same enclosure. These are located around the bowl on both the upper and lower decks.



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A bigger challenge was how to provide proper coverage in the bleacher area, which is open from the top to the bottom of the stadium and required 250 feet of coverage from a single position. The solution was JBL PD 700 Series speakers on the outer brow of stadium shooting down. There are five enclosures at the top rim, and even though they must perform over that distance in a very windy and noisy environment, Palavos says, "the coverage, uniformity and intelligibility is impressive."

In the inner concourse, concession areas and rest room areas, Pro Media installed JBL Control 25T and Control 28T-60 speakers. All speakers are driven with Crown CTs 2000 and 3000 amplifiers with IQ modules in them. A computer runs a custom application designed by Pro Media using IQ software. Processing is accomplished with BSS Soundweb and a Pro Media custom designed program accessing Soundweb™.

"JBL was in the original install, " said Palavos, "and the reliability of their components over that period of time in that harsh environment, was incredible. They make great drivers that lasted so long and sounded so good that we wanted to continue with that engineering culture they have. It made us comfortable using JBL in that environment and their great engineering support allows us to have a successful and reliable install. "

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 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.

About The Harman Pro Group:

Headquartered in Northridge, California, the Harman Pro Group is part of Harman International Industries, Incorporated (www.harman.com), a leading manufacturer of high-quality, high fidelity audio products and infotainment systems for the automotive, home and professional markets. The Company's stock is traded on the New York Stock Exchange under the symbol: HAR. Harman Pro Group companies include AKG Acoustics, BSS Audio, dbx, Crown International, JBL Professional, Lexicon, Soundcraft, and Studer.

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