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# NEWS RELEASE

FOR IMMEDIATE RELEASE

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## JBL PROFESSIONAL INTRODUCES VLA CALCULATOR TO SUPPORT DESIGNING SYSTEMS WITH NEW VLA SERIES LOUDSPEAKERS

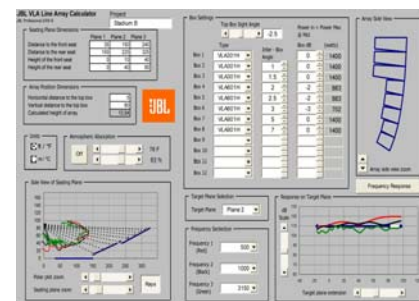
SAN FRANCISCO, CALIFORNIA, October 6, 2006 — Reinforcing JBL Professional’s commitment to providing system designers with a wide variety of support tools, JBL is introducing the VLA Calculator software package for its new Variable Line Array loudspeaker series. The new Calculator allows system designers and consultants to mechanically and acoustically model VLA arrays of various sizes and shapes in order to predict the most effective array configuration to meet the needs of a given venue.

The JBL VLA Calculator is the result of extensive acoustical measurements undertaken to confirm the predictive accuracy of the VLA Calculator and its modeling functions. The proprietary algorithms that calculate array performance and which drive the graphic displays have been correlated with observed real-world performance characteristics of the products. This easy-to-use software application allows the designer to specify and enter measurements for seating sections of the venue, and visualize a desired JBL VLA system consisting of any combination of elements. The direct sound pressure level for each seating plane is then plotted for up to three frequency bands concurrently. The calculator also takes other factors like air temperature and air absorption into account.

“JBL Professional has developed the VLA Calculator with convenience for the system designer in mind,” said Ted Leamy, Vice President of Installed Sound, JBL Professional. “The ability to accurately determine optimal system configurations prior to installation translates to added value in terms of time and labor savings.”

JBL’s new VLA Calculator is available on request. Contact Jon Sager, Product Manager, Engineered Sound at [jsager@harman.com](mailto:jsager@harman.com) for your trial copy.

Additionally, JBL VLA Series arrays may be modeled within EASE 4.1 using an available DLL plug-in. EASE DLL files, as well as individual product architectural files, are available for download from the JBL Professional website ([www.jblpro.com](http://www.jblpro.com)).



**JBL Professional is introducing the VLA Calculator software package for its new VLA Series loudspeakers.**

**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).

**About the Harman Pro Group:**

The Harman Pro Group ([www.harmanpro.com](http://www.harmanpro.com)) is the world's largest provider of professional audio products and system solutions for commercial sound, contracting, tour sound, recording and broadcast, musician, portable PA and cinema applications. The Group is headquartered in Northridge, California and includes industry leaders AKG Acoustics, BSS Audio, Crown International, dbx, DigiTech, JBL Professional, Lexicon, Soundcraft, and Studer. The Group is part of Harman International Industries, Incorporated (NYSE: HAR), a leading supplier of high-quality, high fidelity audio products and infotainment systems for the automotive, home and professional markets.

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