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## NEWS RELEASE

FOR IMMEDIATE RELEASE

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### **SOUTH AFRICA'S MORELETA DUTCH REFORMED CHURCH COMMISSIONS NEW JBL VERTEC® DP SERIES POWERED LINE ARRAY SYSTEM**

NORTHRIDGE, CALIFORNIA, July 11, 2006 — The Moreleta Park Dutch Reformed Church in Pretoria, South Africa recently commissioned a new JBL VERTEC® DP Series powered line array system with JBL DrivePack® technology and HiQnet™ networking for their new 7,200-seat auditorium. The church serves a growing worship community that now includes over 17,000 members. With three balconies and a new presentation stage nearly the size of the congregation's entire previous church building, a sound reinforcement system was required to complement the unique modern design of the venue and to serve a broad variety of applications, including worship services, live broadcasts and contemporary music concerts. Chris Leeson of Claasen Auret Inc. Consulting Engineers and Chris Jonker, Technical Director for the Moreleta Church, collaborated on the design specifications for the networked audio sound system.

A group of 20 JBL VT4888DP-CN midsize powered line array elements, arrayed in two sets of ten enclosures, is supplemented by 12 JBL ASB-6128 subwoofers to ensure complete coverage of the entire auditorium. The system design is focused upon clarity and vocal intelligibility as well as the full frequency response and highest audio fidelity required to accurately reproduce contemporary gospel music.

“A compact, yet powerful line array system able to provide both clarity and overall coverage was essential in this application,” advised Gustav Teitge, engineering project manager for Wild & Marr, whose engineering team put forth the successful proposal for the new Moreleta Church system installation in response to the specifications from Claasen Auret Inc. JBL's Line Array Calculator software and EASE (Enhanced Acoustic Simulator for Engineers), simulation software programs that enable system designers to predict in advance the performance of a sound system in a given venue, were used. “The sound system team was impressed by the accurate correlation of the theoretical performance and the results achieved upon testing and commissioning of the system,” noted Teitge.

The VERTEC DP Series system with JBL DrivePack® technology features integral power amplification designed and engineered in cooperation with Crown International. Featuring Crown's exclusive BCA (Balanced Current Amplification) technology, the DrivePack modules incorporate Class-I circuitry for lower noise and distortion specifications than other high-power switching amplifiers. Onboard precision bandpass limiting, pre-equalization filters and automatic self-test functions ensure optimized performance.



A VERTEC DP Series line array system was recently installed at the Moreleta Park Dutch Reformed Church in Pretoria, South Africa.

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The optional networked DPCN (Cobranet™-compatible) input modules enable the JBL VERTEC DP Series systems to link seamlessly with other audio products with Harman Professional's HiQnet™ system, providing remote access to system functionality and digital speaker presets with HiQnet System Architect™ software. Configurable software panels for remote control and monitoring address not only the JBL DrivePack-equipped loudspeakers, but also other HiQnet-compliant audio products from Harman Professional companies integrated into the sound system. These include Crown I-Tech 6000CN power amplifiers to support ancillary loudspeakers in the sound reinforcement system. Signal processing facilities include BSS Soundweb London BLU-80's, BSS DPR-504 quad gate/expanders and dbx 1066 dual compressor/limiters along with Lexicon effects processors.

Soundcraft MH4-56 and MH3-48 mixing consoles are supplied for respective front-of-house and stage monitor functions. JBL SRX712M floor monitors are powered by Crown I-T6000CN amplifiers. A BSS Active Splitter System is used to route broadcast audio signals.

In addition to the main system, the church has two fully functional breakaway rooms fitted with JBL AE Series loudspeakers, with portable racks which can be used for a variety of purposes such as youth concerts and educational seminars. The church also has inhouse translation booths, a recording studio and a post-production editing suite. The venue serves up to 5 events per day, and has already hosted several international contemporary music concerts.

“Able to serve touring religious concert artists along with the daily needs of a modern house of worship, this powered line array system installation with networked digital audio sets a new reference standard for sound reinforcement in southern Africa,” noted David Scheirman, Vice President, Tour Sound, JBL Professional. “Careful upfront work by the sound system design team, coupled with the meticulous craftsmanship and onsite technical support from Wild and Marr's engineering group, has resulted in the highly successful implementation of leading-edge audio products from JBL and other members of the Harman Pro group.”

**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. Celebrating its 60th Anniversary in 2006, 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:**

Headquartered in Northridge, California, the Harman Pro Group is part of Harman International Industries, Incorporated ([www.harman.com](http://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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