



JBL Professional
8500 Balboa Blvd.
Northridge, CA 91329
Phone: 818-894-8850
Fax: 818-830-1220
www.jblpro.com

NEWS RELEASE

FOR IMMEDIATE RELEASE

For more information contact:

Donna Bey Phone: 818-895-3499 email: dbey@harman.com

For text and photo files go to the JBL Press Room at: <http://www.jblpro.com/pressroom>

JBL VERTEC® AND SIRIUS SHOWEQUIPMENT AG AT OPENING CEREMONY FOR AFRICAN CUP OF NATIONS IN TUNISIA

Stadium crowd of 65,000 experiences multi-media spectacular with Crown-powered JBL sound system

February 9, 2004 – Tunisia, North Africa - The spectacular opening ceremony for Africa's most prestigious sporting event, the African Cup of Nations (ACN 2004) for soccer competition, sponsored by Nokia and organized by the Confederation of African football, was held January 24th at the Stade de Novembre 7 in Rades, Tunis, North Africa. With 1,200 actors, dancers and musicians on the field, an integrated sound and light production including laser effects and fireworks was presented to a massive crowd of 65,000. Sirius Showequipment AG of Germany, rental contractor for sound and lighting equipment, relied on a distributed sound reinforcement system comprising JBL VT4889 line-array elements and JBL VT4880 arrayable subwoofers.

Technical specifications and production planning for the event were managed by Daiyoung Corporation's Acoustic Research Laboratory division, which worked in conjunction with Korea-based special event planners Cheil Communications. "The audience response to this event was just amazing," advised Cheol Yoon of Daiyoung. "A special citation was presented from the Tunisian government commemorating the overall production, which offered the best sound ever heard in that country. This is a real source of pride for us at Daiyoung, and all of the hard-working technicians from Sirius who helped to realize the producer's vision."



Opening Ceremony for ACN 2004 (African Cup of Nations) was staged on January 24th in the Stade de Novembre 7 in Tunisia with 1,200 actors, dancers and musicians. A Crown-powered JBL VERTEC system from Sirius Showequipment AG was deployed.

Sixty-four JBL VT4889 line array elements were positioned in 16 clusters stacked 4 high around the stadium. With each VT4889 enclosure weighing only 72 kg (160 lb.) and offering a frequency response from 40-18 kHz, these powerful, lightweight line array modules enabled the creation of a unique, distributed multi-array system to serve the entertainment needs of the prestigious sporting event. A total of 16 JBL VT4880 subwoofer enclosures provided sub-bass information for the 50-minute choreographed program, which included multi-cultural dance segments, horsemanship displays, and drumming sequences drawn from Africa's rich tribal heritage. The VERTEC system was powered by 80 Crown MA-5002VZ amplifiers, each equipped with PIP2 Modules and controlled with Crown's IQ system. The new WMS 4000 UHF wireless microphone system from AKG was also employed.

Head of technical production for the event was Wolfgang "Schabbach" Neumann of Sirius Showequipment AG. "The system exhibited very smooth dispersion characteristics within the pre-determined coverage patterns of the 16 arrays," he reported. "As observers moved throughout the stadium, one was struck by both the system's dynamic range and musical detail."

Sirius' Stefan Stamm was audio production manager, with the company's Frank Muller in place as F.O.H. sound engineer, Bob Bolender as stage manager, and Martin Ludewig as sound technician. Vadim Rautstein was Lighting Production Manager, with Christoph Hanel (Procon Frankfurt) and Martin Heuser as lighting operators.



The sound reinforcement system for ACN 2004 (African Cup of Nations) included sixteen Crown-powered JBL VERTEC arrays. Each array featured four VT4889 line array elements, stacked for optimum coverage of the 65,000 seat stadium.

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.