



JBL Professional
8500 Balboa Blvd.
Northridge, CA 91329
Phone: 818-894-8850
Fax: 818-830-7802
www.jblpro.com

NEWS RELEASE

FOR IMMEDIATE RELEASE

For more information contact:

Phil Moon Phone: 818-830-8711

email: pmoon@harman.com

Staci Moore Phone: 818-895-3495

email: smoore@harman.com

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

JBL VERTEC HELPS QUEEN ELIZABETH CELEBRATE 50 YEARS OF REIGN

ONTARIO, CANADA – OCTOBER 10, 2002 – In celebration of her Golden Jubilee, Queen Elizabeth visited Hamilton, Ontario in Canada on October 10th, where she addressed a crowd of 17,000 at Copps Coliseum. Because quality, trouble-free audio was essential, Toronto's PA Plus Production used their JBL VERTEC™ system flown in four arrays of four VT4889 cabinets.

With PA Plus Senior Engineer John Lacina at the FOH controls, pre-show entertainment included several live bands, live vocal-to-track artists, and various other acts. The welcome celebration featured a military ceremony, involving pipe and drum corps and marching bands. Even though musical acts performed, the main focus of the sound system was to provide intelligible speech reproduction, according to Mark Radu, Systems Engineer for PA Plus.



The Golden Jubilee event proved a challenge in system design. Inventive thinking was required to achieve articulate speech reproduction for Her Majesty with a line array shooting directly over her head (and the podium mics) to the first row of seats 15 feet behind her. In addition, there would be no soundcheck for the Queen. PA Plus was able to

Queen Elizabeth addresses a crowd of 17,000 at Copps Coliseum in Ontario, Canada

- more -

determine that the Queen's mouth is 52 inches off of the ground, she'd be wearing one-inch heels and had a four-inch brim on her hat. According to Mark Radu, "Off the cuff, it may sound odd, but this information did allow us to set the podium mics at the optimum height, allowing us as much gain before feedback as possible."

The 16 VERTEC VT4889 cabinets performed perfectly. "The array focus allowed us to cover the seating area behind the Queen without having to sacrifice EQ to compensate gain before feedback caused by close proximity of the array," said Radu. "The more we use the VERTEC array, the more it earns our confidence."

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 Pro website at www.jblpro.com.

#