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NEWS RELEASE

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JJGA AND ATK/AUDIOTEK COLLABORATE TO PROVIDE MULTI-PURPOSE OUTDOOR AUDIO SYSTEMS FOR THE CITY OF BREAA

JBL Professional Control 25AV loudspeakers are distributed over eight zones throughout the City's downtown district.

ORLANDO, FLORIDA, June 7, 2006 — Demonstrating the versatility and discreet appearance of JBL Professional Control Contractor Series loudspeakers, the City of Brea, California recently commissioned the design and installation of an outdoor JBL audio system for use in the City's downtown district. The system, designed by Joel J. Gread Associates, Inc. (JJGA) and installed by ATK Services, a division of ATK Audiotek, is comprised of nearly 200 JBL Control 25AV loudspeakers over eight zones.

Looking to enhance the overall experience of its revitalized downtown district, the City of Brea wanted to add a high-quality exterior sound system for ambience music while also having a reinforcement system in play for special events that are frequently staged in the area. JJGA was selected from a number of candidates because of its extensive engineering experience. JJGA has installed indoor and outdoor multi-input, multi-zone music and sound reinforcement systems for numerous theme parks, resorts, casinos and other commercial venues.

Using criteria developed in discussions with the City and Brea's Downtown Owners Association, JJGA designed a system comprised of nearly 200 loudspeakers powered by four 2-channel amplifiers arranged in an eight audio zone configuration. The eight geographical zones allow the sound to be tailored based on the speakers' location. For example, two of the zones are on Brea Boulevard, a busy street requiring higher playback levels to compensate for traffic noise. The zones also provide flexibility for special situations, such as reinforcing a local live performance in nearby zones while the other zones continue to play the standard music feed.



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The primary source for the system is a satellite music feed (currently provided by Muzak). The satellite receiver is programmed to select various music program channels depending on the time of day. For special events, alternate music channels can be programmed.

The installation was not without its challenges as maintaining the aesthetics of the area was a top priority. “Designs had to be developed that would make the introduction of the visible system elements as unobtrusive as possible,” said Joel Gread, founder of JJGA. “As the sound system was an ‘after the fact’ addition, it was necessary to design around an existing, but limited and not completely adequate, underground conduit network.”

JBL Professional Control 25AV loudspeakers were used throughout the project for their smooth frequency response, robust weatherproofing (including a stainless steel grille and protective terminal cover), and InvisiBall mounting method (which allowed for easy aiming and adequate security). Crown CT series amplifiers perfectly complement the Control 25AVs, powering a 70V distribution system and utilizing the loudspeakers’ built-in high-quality transformers.



Since the completion of the install in the summer of 2005, the system has performed to everyone’s full satisfaction. “The downtown businesses are very happy with the added dimension the music provides, and special events including a weekly farmers’ market and an outdoor jazz festival,” Gread noted. “The busy Christmas shopping season last winter was greatly enhanced by this worthwhile investment.”

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.

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.