News Release

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ELECTRO-VOICE® XLC™ COMPACT LINE ARRAY LOUDSPEAKERS HELP MIT GRADUATES CELEBRATE COMMENCEMENT

Boston, MA (July, 2003): Woburn, Massachusetts based Terry Hanley Audio Systems, Inc (terryhanleyaudio.com) have been responsible for providing quality sound at MIT and Harvard Business School commencement ceremonies for the past two decades. Hanley Audio is long established in their home area, having been involved in the large-scale festival & touring business since its early heyday in the late '60s and early '70s, when supergroups like Blind Faith employed their services. Perhaps most notably, Hanley Audio provided sound reinforcement for the legendary Woodstock festival in August 1969. Today the company offers a comprehensive range of sound reinforcement services: concert sound, lighting, simultaneous interpretation, translation, and full production conference services all being professional specialties.

This year the company brought Electro-Voice X^{lc} 127+ compact line array loudspeakers, Electro-Voice P3000 power amplifiers and Klark Teknik DN9848 loudspeaker processors to the June 9th celebrations at the prestigious Massachusetts Institute of Technology. The festivities took place outside in the school's tree-lined Killian Court, directly in front of the Great

Dome and overlooking the Charles River and the Boston skyline. The 2000+ degree recipients and their 10,500+ guests at the 137th MIT commencement ceremony enjoyed performances by the MIT band and choir. The sound was controlled from a mix station in the audience area, additional electronics and amplifiers were located underneath the MIT-designed temporary stage, which featured a huge sail for a roof and nestled amidst 20-foot high rhododendron bushes. Terry Hanley commented on the EV equipment: "We were quite pleased with the X^{lc} system, the rigging is first rate which made the boxes a pleasure to configure at the site. The speakers sounded very good and looked great. We used EV 100S speakers for near field coverage."

Though the lush foliage in the school ground looks impressive, it creates a challenging environment in which to run sound. This is where the versatile X^{lc} steps in. Large trees overhanging the stage area prevented the speakers from being flown, so two ground stacks of six 127+ boxes were positioned on either side of the stage, augmented by the 100S boxes below center stage. The X^{lc}'s performed effectively in this position, without compromising the appearance or acoustic integrity of the event. The clarity and coverage was good at a distance in a deep audience – which means a lot at an outside event like this – and the smaller boxes at center stage controlled near field dispersion nicely. Stacked or flown, indoors our outdoors, the combination of precise planar wave summation and 120-degree dispersion proves itself to be a winning combination, all wrapped up in a compact package that looks as good as it sounds.

The Electro-Voice X^{lc} represents the cutting-edge in compact, full-bandwidth line-array loudspeaker technology. The X^{lc}'s three-way axis asymmetrical design eliminates the problems inherent in horizontal arrays, as its mid and high-range drivers are arrayed vertically to prevent horizontal lobing. EV's plane-wave generator, the Hydra, can be tuned to produce superior high-frequency wave front summing throughout the entire frequency field, eliminating phase distortion and dead spots. "One man rigging" speaks for itself. LAPS (Line Array Prediction Software) allows the X^{lc} to be aimed to create what some engineers have called a "Spray-On PA" that fits a room like a made-to-measure suit. The X^{lc} has all the bases covered provide world-class sound, representing the solution to a plethora of audio challenges, all in one tidy unit.

Electro-Voice® is a professional audio brand of Telex Communications, Inc., a leader in the design, manufacture and marketing of sophisticated audio, wireless, multimedia, aircraft, broadcast and communications equipment for commercial, professional and industrial customers. Telex Communications markets its products in more than 80 countries under the brands EV®, Telex®, RTS™, Dynacord®, Midas®, Klark Teknik®, University® and others.

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