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NEWS RELEASE

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JBL SUPPLIES MILITARY INTELLIGENCE AT SANDHURST

SANDHURST, U.K. – DECEMBER 16, 2002 – Arbiter Pro Audio has supplied Reading-based sound installers, Reflex Limited, with JBL EVO intelligent speakers plus AKG microphones for an impressive installation at the Royal Military Academy, Sandhurst.

Located in the South of England, Sandhurst's vast Churchill Hall auditorium provides lecture facilities for every officer candidate in the British Army in addition to hosting major conferences for high profile UK businesses and organizations.

The 1200-seat auditorium opened in 1970 and has been in constant use ever since. The original audio system saw several upgrades over the years, but after being worked extremely hard and pushed to its limits for years, the Hall's functionality eventually became impaired – with much of the audience unable to hear any sound or speech coming from the speakers.

Margaret Young, Head of Media Support at RMA Sandhurst, approached Matt Horwood of Reflex Limited to improve the audio facilities in the auditorium. With the help of specialist audio distributor Leisuretec, Horwood came up with the specifications for the project. In turn, he approached Arbiter to supply JBL speakers.

The question of clarity was absolutely crucial, so Horwood and Arbiter decided that four of the potent JBL EVOi.324 powered speakers were



Royal Military Academy, Sandhurst, UK

the ideal solution. Supported by an EVOi.net audio control system, the speakers are flown from the ceiling above the stage and to each side of the theatre, enabling the audience to clearly hear vocals from every part of the auditorium.

The JBL EVOi.net system provides highly intelligent speaker control and is fully capable of adjusting to its environment. The frequency will self-adjust to compensate for the effects of the surroundings, and the system will also set its own delays knowing where the speakers are situated. The EVOi.net system can also recognize how hard it is being driven, and can adjust discrete transducer levels accordingly to maintain a consistent sound. Feedback can be isolated from the programme signal and eliminated. EVOi.net will also optimise its performance between different applications such as speech or music.

So that primarily non-technical presenters can give their lectures with ease and user-friendly facilities, two specially manufactured double-width conference lecterns were installed, complete with laptop shelves and radio frequency touch panels. Arbiter supplied a range of AKG lectern, desktop and wireless-lapel microphones for this section of the installation.

To ensure that the audience can also participate, a further combination of handheld microphones and two AKG C568 'shotgun' microphones were provided. These mics have stands and an extremely narrow pick up field with the ability to pinpoint an audience member at a distance of up to 50 metres.

The whole installation was completed in just over a week and has recently won an AV award for Audio Project of the Year 2002.

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.

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