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National Bank of Greece Invests in New Audio



National Bank of Greece with Community ENTASYS Loudspeakers

Athens, Greece - The National Bank of Greece on Stadiou Street is located in the former building of the first Athens Stock Market. Constructed around 1890, the beautiful neoclassical structure has an impressive interior and many renaissance features. In addition to its architecture, its historical importance is also connected with the period of economic regeneration of modern Greece.

Today the building provides the National Bank of Greece with a cultural venue for exhibitions, events, presentations and meetings. To service this multi-purpose usage, the Bank needed audio of the highest quality and vocal intelligibility, and commissioned Athens-based Automation Broadcasting Audio Security (A.B.A.S.) to design and install the system.

Kostas Drosos of A.B.A.S. explained the challenge, "The beautiful interior is highly reverberant due to all its surfaces being very reflective, combined with the height of the room which reaches 16 meters. We needed a loudspeaker which delivered the audio quality required within a narrow vertical and wide horizontal dispersion pattern. To meet these parameters we chose Community ENTASYS ENT220 column line array loudspeakers. With twenty 80mm long excursion mylar LF drivers and four 3-element HF Compact Ribbon Emulators per enclosure, they gave precisely the well-behaved directivity control we needed."

"Complete and even coverage of the room was achieved with just four ENT220's," continued Drosos. "Their slim profile also meant they were very discreet and aesthetically pleasing." Each loudspeaker is driven by a separate amplifier to provide different sound levels required for the front and the mid/back spaces.



Close-up of Community ENT220 Loudspeakers

"We chose Monacor amplifiers from Germany as they had powerful processing built in for loudspeaker equalization," commented Drosos. "With Crestron control, the system can be operated wirelessly from an iPad." As part of the project, A.B.A.S. also installed a high quality 6,500 lumen Panasonic projector system.

"The new audio system provides superb intelligibility and coverage," concludes Drosos. "It sounds very natural and listeners do not hear any change in volume throughout the room, allowing them to completely relax and focus on the event they are attending."

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