



prolight + sound 2010
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Italy's Biella Forum Chooses One Systems



Nashville, Tennessee USA - March 24, 2010 – When the Biella Forum arena in Biella, Italy, home to basketball team Angelico Biella, decided to outfit their arena with a new sound system, they chose products from One Systems, a leading manufacturer of “direct weather” loudspeakers.

The installation, performed by Delta Sound of Val Della Torre (Torino), Italy includes 8 x 112IMs with 105° x 60° degree horns and 14 x 212CIMs, all from One Systems.

The Biella Forum Arena completed construction in February 2009 and is home to basketball team Angelico Biella. Angelico Biella is a major competitor in the Italian major championship “A1”, as well as the Eurocup tournament. In addition to basketball games with loud, boisterous fans, there are numerous live concerts and other events held in the arena throughout the year as well.

In pursuit of the contract to install the new system, Delta Sound worked closely with One Systems’ Italian Distributor, Etabeta Electronics SRL of Bregnano, Italy. The Biella Forum Arena’s management chose One Systems speakers based on the previous experiences of both Etabeta and Delta Sound with the product line.

The arena, which seats 5,000, is a prime example of a high-noise sports and live music venue that requires exceptionally intelligible speakers that perform well for both music and speech applications. One Systems’ patented Equivalent Throat Technology, which creates wider dispersion for ultra-high frequencies, as well as the high output capability of their designs made the choice easy for the project’s designer - engineer Daniele Santini of Etabeta.

“The most attractive part of One Systems is the very high vocal intelligibility of the 112IM and 212CIM speakers, along with their compact size and flexible mounting options,” says Santini. “We knew the challenge would be trying achieve the same sound level at every seat. The U-brackets that we used for mounting really gave us the chance to modify the loudspeaker’s position easily, without removing the loudspeaker from the bolts.”

Working closely with the other system designers, Santini aimed the speakers specifically for the different seating areas. The design utilizes distributed loudspeakers in sections using a combination of 212CIMs and 112IMs.

The seating areas running the length of the court include four 212CIM speakers in the lower section and four 112IM's in the upper section, each installed using their respective U-brackets. The remaining seating areas running the width of the court utilize three 212CIM speakers per section.

Due to the precise coverage and high output sound quality of each speaker, every area is covered and fans are able to clearly understand all the announcements.

"The client couldn't be happier with this installation, and neither could we," says Santini.

This isn't the first basketball arena installation for One Systems, but is the company's first European basketball arena install.

"Our speakers work especially well in these high-noise environments, whether indoors or outdoors, and this installation in Italy shows that we continue to expand our reach in the global community," says One Systems President, Doug MacCallum.

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Headquartered in Nashville, TN, One Systems, Inc. is a high-quality manufacturer of direct-weather loudspeaker systems. Established in 2006, One Systems, Inc. is the developer of Equivalent Throat Technology (patent pending), which creates wider sound dispersion and beamwidth than conventional driver designs, and the Inside/Only Voice coil (patent pending), which, for the first time, provides consistent thermal conductivity regardless of voice coil height. <http://onesystems.com>.