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One Systems Adds Musicality To Jonathan Dayton High School Football Field

Nashville, TN (October 2013) -- Dayton High School in Springfield, New Jersey, recently completed their new football field with sound reinforcement provided by loudspeakers from One Systems.

Scott Hibbard Audio, located in nearby Florham Park, New Jersey, was brought in to design and install the new system.

"Jonathan Dayton High School had been renting a near-by high school football field for home games while their new sports complex was under construction," explains Scott Hibbard, owner of Scott Hibbard Audio. "We had installed One Systems loudspeakers for that field and they absolutely loved it. They heard it and knew they wanted a similar system for their field when it was ready."

Hibbard specified two One Systems 208CIM loudspeakers mounted to the left and right corners of the press box for home bleacher coverage. A single One Systems 212CIM was installed in the center of the press box to cover the field and the visitor bleachers across the field.

"It's true that one of the selling points was the weatherproof nature of the enclosures," Hibbard adds. "But they also were sold on the sheer musicality of the system with music playback. It really adds to the overall environment of the games."

The 208CIM and 212CIM loudspeakers are compact 2 element vertical arrays where the top horn incorporates a coaxially mounted large format compression driver to reproduce upper range information. Vocal fundamentals are reproduced by their 2-element direct radiator design that avoids colorations found with traditional horns.

The 212CIM is optimized for medium to long throw applications making it ideal for field and visitor bleacher coverage at the new field.

All boxes were mounted utilizing standard U brackets provided by One Systems.

The system is powered by two QSC ISA amplifiers, one is dedicated to the 212CIM and the other powers both 208CIM boxes. The amplifiers are rack-mounted in the press box along with a CD player and iPod.

Hibbard also equipped the school with two Shure SLX wireless microphone systems and a wired press box mic.

A dbx Zone Pro allows the stadium to be divided into zones. Working closely with the school, Hibbard programmed the Zone Pro with different audio configurations based upon the variety of uses of the stadium. He then installed wall plates in order for school personnel to easily choose the setting that matched the event and the number of people in the stadium.



Photo: One Systems 208CIM and 212CIM loudspeakers mounted to the press box provide coverage for home and visitor bleachers as well as the field itself.

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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 patented Equivalent Throat Technology, which creates wider sound dispersion and beam width than conventional driver designs, and its proprietary Inside/Only Voice coil design (patent pending), which, for the first time, provides consistent thermal conductivity regardless of voice coil height. <http://onesystems.com>.

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