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FW: Community News - April 2009

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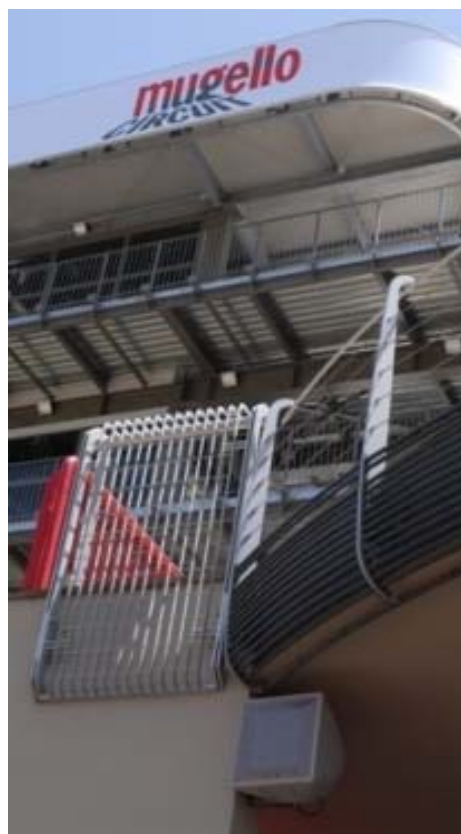


April 2009

Community Performs at The Mugello Speedway



The Mugello Speedway, at the Autodromo Internazionale di Mugello near Firenze in Italy, runs for over five kilometers through forests and countryside. With origins that date back to 1914 as a road circuit, the track boasts a long and distinguished history of events. The current track, designed in the 70's and later greatly remodelled by Ferrari, is one of the most scenic, modern and safe racing facilities in the world today. The speedway has hosted Formula 5000, Formula 3000 and Formula 2 Championships and the Fia-GT. It has also been the only circuit in Italy to host the ITC. The track is the regular test center for Ferrari F1, as well as for other leading MotoGP, World Superbike and several Italian and international car manufacturers.



New audio systems have been installed throughout the spectator and competitor areas in a project that started in May 2008 and is now nearing completion. The systems, based around Community [R-Series](#) loudspeakers, were chosen for their ability to produce very high sound

pressure levels with excellent audio quality and intelligibility; essential with the high noise levels of the speedway and the crowds. The all-year, all-weather capability of the R-Series was also a crucial factor as was their compact dimensions which had minimal impact on visual sightlines. In total, forty [R.25](#), ten [R.5-94](#), four [R.5HP](#) and two [R.5SUB](#) loudspeakers have been installed. The system operators at the speedway are delighted with the new installation, which provides outstanding audio quality and performance, keeping with the overall high standards of the venue.

Product Spotlight: R.5 All-Weather / All-Purpose



The wide range, smooth frequency response and high efficiency of the Community [R.5](#) offers excellent music and speech reproduction in a compact package, ensuring superb projection and clear intelligibility with very low distortion over moderate distances. R.5's are available in three coverage patterns - 60° x 60°, 90° x 40° and 90° x 90°. R.5 loudspeakers are easy to install with an included mounting yoke and are highly-weather resistant due to the strong molded polyethylene enclosure (available in the original gray and optional black finish) and Community's Weather-Stop™ Grille. Optional "transformer" versions with a factory-installed high power 200W autoformer are available for all R.5 models. ***Over 1000 R.5's are installed in the Orange County Convention Center in Orlando, Florida. R.5 loudspeakers provide sound for the Puerto Rico Convention Center in San Juan and the Hartford Convention Center in Connecticut, as well as numerous professional, college and high school sporting venues around the world.***

Solutions for The Music Républicain



The Music Républicain is the new school for music and image located in South Jakarta, Indonesia. The Music Républicain Performance Hall is the schools new multi-purpose facility, which can be used for different settings including small ensemble, orchestra, theatre, opera, Broadway style shows and concerts. Very few performance halls in Indonesia have good acoustics and the main concern when outfitting the hall with a sound system was to have good reverberation and even sound coverage so that the audience could hear everything equally no matter where they sit in the hall. Community [SLS920](#) loudspeakers were chosen as the optimum solution due to their compact dimensions, high power output and ideal pattern dispersion. The results were crystal clear sound and even coverage throughout the audience.

Loud and Clear!



Recently renovated with Community [RSH462](#) High Level Horn Systems, the North Miami Athletic Stadium in Miami, FL is the perfect venue for sizable outdoor events.

ENTASYS for Trinity Sanctuary



For Trinity United Methodist Church in Philipsburg, Pennsylvania, sound has always been

an issue. The sanctuary's soaring peaked roof and exceptionally live acoustics lends a majestic touch to the choir, bell choir and pipe organ, but rendered the sermons nearly unintelligible. Anyone more than 20-feet away could barely understand a word of the sermons so the challenge was to find a way to improve the intelligibility factor without resorting to any acoustic treatment that would impact the room's natural resonance. The solution was Community's new [ENTASYS](#), compact, high-performance column line-array system.

Using a combination of **ENTASYS** full-range and low-frequency columns provided even coverage across the entire area with minimal impact on the church's budget, or the sanctuary's aesthetics. Mounting one full-range and two low-frequency units on either side of the chancel, and one more full-range unit up high and a bit further back to cover the balcony was all that was needed. Using the **ENTASYS** pan-tilt and fly kit brackets, the columns are tilted forward and angled slightly inward, providing tight, focused coverage to the seating areas. With the columns being only about four feet from the lectern, the pattern control is tight enough that there's virtually no problem with feedback and almost no equalization was necessary. While much of the congregation barely saw the new speakers, virtually everyone heard the difference. All of a sudden people could hear the sermon, and they couldn't figure out why until the **ENTASYS** columns were pointed out.

Captain Dave's Tech Tip: Which connectors should I use?

There are several types of connectors on the back of my loudspeaker enclosure... Which connectors should I use?

Depending on the loudspeaker model and it's intended function, there are four different types of common connectors found on Community loudspeaker enclosures.

- 1/4-inch, two conductor (phone plug)
- Speakon compatible (NL-4 style) four conductor, twist-lock
- Barrier strip for spade lugs
- Phoenix connectors

Enclosures that are designed for portable sound reinforcement like Community [S-Series](#), use the 1/4-inch and NL-4 type connectors. Although both will work, we strongly recommend the NL-4 connector, as it gives a better, more reliable "locking" connection, especially in higher power situations. Enclosures intended for installation like Community's [VERIS](#) series use the NL-4 and barrier strip giving the installer a choice of connectors to suit the application, as both connectors are suitable for high power handling. Small ceiling installation loudspeakers, such as the [CLOUD4](#) and [CLOUD6](#) have Phoenix connectors to allow the contractor to "daisy chain" groups of loudspeakers together on a single amplifier and to allow pre-wiring prior to actually installing the loudspeakers. On all Community enclosures, the different types of connectors are internally wired together at the input panel for flexibility in the field. Remember, your signal connection is only as good as the quality and type of connector you use.



Trade Events

prolight+sound

Prolight + Sound, Frankfurt 2009

Community had an excellent showing at the Prolight and Sound show in Frankfurt, Germany earlier this month. Show attendees that visited the Community booth were able to experience the [ENTASYS](#) high-performance column line-array and [VLF subwoofer](#) systems first hand.



The upcoming InfoComm Show takes place June 17 – 19 at the Orange County Convention Center in Orlando, Florida. Register for a **Free Exhibits Pass**, compliments of Community [HERE](#)

Visit Community in Booth #6271
June 17-19, 2009
Wed 9 - 5 | Thurs 9 - 5 | Fri 9 - 4

Experience ENTASYS - Performance, Flexibility and Value - Meeting Room W106

Community will present an overview of [ENTASYS](#) applications, system designs and installations. Look for a complete training schedule in next month's newsletter.

Community Manufacturers' Training Session at InfoComm 2009

Don't miss our Manufacturers' Training Session "Designing Outdoor Sound Systems" at InfoComm on Thursday, June 18 from 8:00 am to 10:00 am. This session will address the unique factors to be considered when designing and installing outdoor sound systems. This class qualifies for **1 Renewal Unit Credit** across all certifications. People interested in attending the class can register online at www.infocommshow.org. Spend \$25.00 on the Manufacturers' Training Session, and get \$25.00 back to spend at the InfoComm Show Store.



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