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ONE SYSTEMS™ BRINGS NEXT-GENERATION TECHNOLOGY ADVANCES TO OUTDOOR SOUND SYSTEM INSTALLATION

The Equivalent Throat (ET)™ driver technology and the Inside/Only
Voice™ coil
represent a quantum leap in sonic performance in outdoor applications

INFOCOMM SHOW, ANAHEIM, CALIFORNIA, JUNE 19, 2007 - **One Systems™ USA**, the North American subsidiary of **One Systems Group**, a new high quality manufacturer of direct-weather loudspeaker systems, will display products utilizing two advanced technologies that bring a new level of sonic quality and performance to outdoor sound systems. Designed by acoustics engineer Mike O'Neill, One Systems' Equivalent Throat (ET)™ driver technology and the Inside/Only Voice™ coil - provide technological advances that complement One Systems line of direct weather speaker systems.

Equivalent Throat (ET) driver/horn designs utilize the compression driver magnetic return back plate to provide an

included angle (or combination of angles) with directional information to the emerging wavefront. The widest dispersion horns have a rear geometry that matches the exit geometry of the equivalent throat driver. The novel and unique aspect of the Equivalent Throat system is that the driver is capable of producing wider dispersion and beamwidth than a conventional driver because the exit radius is coincident with the phase plug summation plane.

The Inside/Only Voice Coil technology offers high thermal conductivity for the entire vertical voice coil height and reliable, consistent cooling regardless of voice coil physical displacement. The voice coil is wound on the inside of the bobbin and the pole piece portions of the low carbon steel magnetic return path may be made as tall as required, insuring good thermal conduction regardless of physical displacement. This geometry does not alter the permanent magnet gap volume or symmetry and offers superior protection from catastrophic rubs and electrical short and open circuit failures.

‘The benefit of this technology is reduced power compression and increased thermal handling,’ explains O’Neill, who adds that combining advanced technologies such as these with the incredibly robust construction of One Systems’ direct-weather

speaker systems provides an excellent value to system designers and installers.

“The Equivalent Throat driver design and the Inside/Only Voice Coil technology underscore the level of engineering that One Systems is bringing to the direct weather/outdoor installed sound market,” states Doug MacCallum, President of One Systems USA, Inc. “The technologies in use today have been largely refined over the last several decades. To provide contractors and consultants with better loudspeaker alternatives for direct weather environments, alternative ideas needed to be applied. That’s what we’ve accomplished with these new designs.’

All of the One Systems products will be on display at booth 9366 at the InfoComm Show.

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Headquartered in Nashville, Tennessee, One Systems USA, Inc. is a subsidiary of One Systems Group, a new manufacturer of direct-weather loudspeaker systems. Established in 2006, One Systems USA is the developer of the Equivalent Throat driver technology (patent applied for), which creates wider sound dispersion and beamwidth than conventional driver designs, and the Inside/Only Voice coil (patent applied for), which provides for consistent thermal conductivity regardless of voice coil height.

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