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CLEAR-COM UNVEILS FREESPEAK II™ DECT-BASED WIRELESS INTERCOM SYSTEM

- Enhanced version of the popular integrated and standalone 1.9GHz roaming digital wireless -

ALAMEDA, USA – June 18, 2014 – Clear-Com® will introduce FreeSpeak II™ wireless intercom system, an enhanced DECT-based offering that operates in multiple license-free DECT bands from 1.897-1.933GHz. FreeSpeak II delivers improved roaming capability for reliable wireless connections, superior digital ‘Clear-Com Sound’ for clear intelligibility and ultimate audio comfort, and innovative intercom features that make it a high performance wireless option. The system is ideal for deployment across large-scale, multi-zone production areas typically required in live events, broadcast and sports production. The FreeSpeak II system will succeed Clear-Com’s CellCom system in North America, which will continue to be offered for servicing and supporting existing CellCom system users.

More Users, Same Flexibility

FreeSpeak II allows large numbers of wireless beltpack users to simultaneously roam across an expansive production area without compromising on performance. Similar to its predecessor, FreeSpeak II can be implemented as a standalone base station wireless system or as an integrated wireless solution within Eclipse HX matrices, known as FreeSpeak II Integra. When using the base station, up to 20 full-duplex wireless beltpacks can be connected; in an integrated matrix setup, up to 50 full-duplex wireless beltpacks can be used at the same time by strategically placing up to 10 distributed remote antennas to create an expansive coverage zone. These beltpack users are then be able to directly communicate with any other remote or local matrix panel or wired beltpack user who is on the Eclipse HX Matrix System network.

New Hardware, Better Experience

The FreeSpeak II system consists of 1RU digital base station, a newly-designed rugged digital wireless beltpack, a new active antenna, an antenna splitter, and new battery accessories. The FreeSpeak II Integra solution is enabled by the E-Que-HX cellular controller card to provide high quality connection.

(more)

FreeSpeak II leverages the existing base station from its predecessor that has been updated to work with the new beltacks and new active antennas. All-new five-channel, full-duplex FS II-BP wireless beltack was uniquely designed for the rigorous demands of large-scale operations and continuous communication use. Ergonomically positioned controls, intuitive operation and rugged housing make the beltack ideal for extended use under harsh conditions. Beltacks are IP-65 rated for water and dust resistance for mobile productions. The Li-Ion battery for the beltack can last over 18 hours on a full charge. Beltack operations including battery health, RF status and Antenna link can be monitored in real-time via the base station or Eclipse HX software.

The newly-designed Active Antenna provides the cellular roaming capability that keeps wireless users connected to the base station or to the Integra Solution. Enhancements to the antenna systems now offer a much improved wireless performance, and thereby delivering a reliable wireless connection for mobile intercom users. Locally-powered Antennas can be positioned up to 3,200ft away, or 800ft away when centrally powered from the base station. Antenna Splitter extends the base station to create an expansive coverage area with multiple antennas.

Crystal-clear Sound, Ultimate Audio Comfort

FreeSpeak II beltack users can continue enjoying the highly-intelligible and digitally-clear “Clear-Com Sound at 7kHz “commentator” audio bandwidth. This level of sound quality offers excellent audio experience and reduces the strain on the user’s ears after extended usage.

Simon Browne, Director of Product Management, Clear-Com, said, “The introduction of the redesigned FreeSpeakII Beltack and Antenna provides rugged and ergonomic operation, together with greatly improved radio and audio clarity that will delight our wireless users”.

The FreeSpeak II family of products, together with a wide range of other Clear-Com solutions, will be available for demonstration on Stand C9140 at InfoComm 2014.

About Clear-Com®

Clear-Com, an HME company, is a global provider in professional voice communications systems since 1968. We develop and market proven intercom technologies such as Analog & Digital Partyline, Digital Matrix, Wireless and Intercom-over-IP systems for critical communication applications in broadcast, performance venues, military, government and enterprise markets. Recognized for our legacy of intercom innovations, production teams

around the world have come to depend on Clear-Com for clear, reliable and scalable communications solutions. For more information, please visit www.clearcom.com.

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