

#### FOR IMMEDIATE RELEASE

# CLEAR-COM TO SHOW TEMPEST<sup>®</sup>2400 SEAMLESS ROAMING AND MASTERBELT TO THE EUROPEAN BROADCAST MARKET FOR THE FIRST TIME AT IBC 2012

AMSTERDAM, SEPTEMBER 7, 2012 — Clear-Com®, a global leader in critical voice communication systems, is showcasing the Tempest®2400 with Seamless Roaming capability and Tempest®2400 MasterBelt digital wireless intercom for the first time in Europe at IBC 2012 (Stand 10.D29a). In addition to the advanced features, reliability and robustness that are the hallmarks of the Tempest intercom family, the Tempest2400 Seamless Roaming and Tempest2400 MasterBelt offer even more coverage options for users. They are ideal for broadcasters working multi-venue sporting events, as well as those requiring ultra-portable communications.

The **Tempest2400 Seamless Roaming** feature affords broadcasters the ability to move freely and wirelessly throughout large venues that are separated by sizeable distances, such as multistudio complexes and sports arenas. This ensures that users can walk from one coverage area to another without interference or dropouts. The Seamless Roaming feature allows BeltStation users to migrate between as many as 16 different Tempest2400 BaseStations (coverage areas or zones), allowing audio professionals to focus on critical production cues rather than on the settings of their wireless BeltStations. Both Seamless Roaming and iSelect Roaming are available to accommodate virtually every application need.

Tempest2400 BaseStations are linked together with the newest ZSync (Zero Synchronization) Technology. The ZSync Technology provides a zero-sync reference that coordinates the hopping patterns of all connected BaseStations every time the system is powered up, irrespective of random time variation in power-up sequences. This provides improved system performance and a seamless wireless experience.

Ideal for mobile productions, the **Tempest2400 MasterBelt** offers most of the advanced features, reliability and robustness of the original Tempest2400 rack-mount BaseStation within a compact, portable package. This enables users to coordinate and communicate hands-free. One MasterBelt can be paired with any standard Tempest2400 CP-222 two-channel BeltStation to create a full-featured two-channel system operating in 80MHz of spectrum in the 2.4-GHz band. The MasterBelt itself also functions as a BeltStation, allowing communications between up to six full-duplex wireless users. The MasterBelt includes a rechargeable lithium-ion polymer battery capable of up to eight hours of operation. It can also be powered by three standard AA alkaline batteries as a backup, providing four hours of operations. As with all Tempest wireless systems, it does not interfere with traditional wireless microphone, IFB or in-ear monitor systems that operate in the UHF band.

All Tempest systems are designed to be comfortable, rugged and robust, and can operate in harsh weather conditions. Each is protected by a durable, weather-resistant ABS co-polymer blend with a high-performance polyurethane over-mold.

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The Frequency Hopping Spread Spectrum (FHSS) technology is embedded within all Tempest systems, which utilizes a narrow signal band that is continually changing frequencies to burn through RF noise and interference. As a result, the Tempest system does not compete with signals from other 2.4 GHz wireless devices, minimizing frequency coordination and enabling flawless performance. Moreover, the wireless system features state-of-the-art 2xTX Transmission Voice Data Redundancy, which sends each packet of audio data twice on different frequencies and through different antennas, ensuring uninterrupted audio communications.

Tempest2400 systems offer three different modes of operations—normal, shared and split. All modes are supported under the Seamless Roaming function. A single Tempest2400 in normal mode can support between one and five full-duplex wireless users who always need to speak on the intercom system. However, in split or shared mode, an unlimited number of users can monitor the conversation and share talk capability. A combination of Tempest systems operating in either normal or shared mode can co-exist in the same environment for the ultimate in flexibility.

## 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 <a href="https://www.clearcom.com">www.clearcom.com</a>.

### **About HM Electronics, Inc. (HME)**

HM Electronics, Inc. is a diverse group of companies providing solutions that enhance productivity and customer service in markets including restaurants, sports and professional audio. Founded in 1971, we sell, service and support products in 89 countries worldwide, via company-owned offices in the U.S., Canada, Europe, and China, and an extensive network of HME-authorized distributors, dealers and service agents. Every day quick service restaurants take over 24 million orders using HME systems. With the recent acquisition of Clear-Com, HME is the world's leading provider of professional intercom systems. To learn more, visit www.hme.com.

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