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## **CLEAR-COM'S ECLIPSE HX NEW RELEASE OFFERS SIGNIFICANT ENHANCEMENTS TO IFB AND V-SERIES PANELS**

***- Software version 8.5 delivers sophisticated tools for communications and digital audio distribution -***

**ALAMEDA, USA – SEPTEMBER 01, 2015** — At IBC 2015, [Clear-Com](#)<sup>®</sup> will demonstrate its vast communication portfolio, including new updates to the Eclipse HX matrix intercom platform. The Eclipse HX v8.5 software, which is now shipping, will deliver a completely revamped interactive and dynamic IFB management capability within Production Maestro and extends V-Series panels connectivity options to their host Eclipse HX system over MAD1.

### **V-Series Panels over MAD1 for Eclipse HX Integration**

As part of the Eclipse HX v8.5 configuration software updates, V-Series panels can now be connected to their host Eclipse HX system over MAD1-based routing. This enables operators to take advantage of third-party audio routers and audio networking devices that support the routing of MAD1 audio streams to AES3 end devices. Using a generic MAD1 infrastructure, operators have a new option for system operator panel interconnection that can support both high quality audio channels and connections to operator panels.

In addition, Clear-Com's ProGrid low latency, high quality infrastructure can be more tightly integrated with Eclipse HX so that MAD1 can carry multiple audio channels and operator panel data via ProGrid. By combining Eclipse HX, V-Series panels and ProGrid, users can connect consoles, routers, and stage boxes over a resilient ProGrid backbone, simplifying cabling while delivering high quality end-to-end digital audio distribution.

"Clear-Com's integration of MAD1 now enables a cost-effective solution for distributed systems," said Peter Stallard, Senior Product Manager for Matrix Systems at Clear-Com. "By simultaneously supporting both high-quality audio and operator panel connectivity, our new MAD1 card [E-MAD1-HX-64] provides users with a dense multi-function interface that simplifies audio and intercom connectivity as well as cabling."

*(more)*

## **New Eclipse HX IFB Management Capabilities**

Clear-Com understands that today's IFB systems must be dynamic, with the ability to re-route feeds during commercial breaks and quickly configure external lines. The new Eclipse HX IFB management facility can support installations from a few IFBs to hundreds of lines from a single central view, making it suitable for small studios, large events and geographically distributed intercom infrastructures. Up to 200 virtual IFBs are supported on a single matrix system and up to 64 matrices can be networked together to form one system. As many as 15 system administrators can work in parallel using Production Maestro Clients to manage a network of Eclipse-HX matrix frames.

A major feature is the unique "See-Hear-Touch" all-in-one experience that offers interactive options and clear management support. Dynamic visual views are provided for monitoring IFB status and troubleshooting, such as a detailed and a summary view; an option for assignable VU meters; dynamic assignment of program sources, intercom panels, destination ports and talent return; multi-level undo and redo of all assignments; and configurable screen layouts tailored and annotated for changing requirements. All operations within the system are transparent and give a seamless view of resources in single and multiple matrix intercom set-ups.

In addition to visual support, the operators can manage the IFBs by touch, with touch-screen and drag-and-drop capabilities enabling intuitive and efficient IFB assignment and user management operations. MCR operators can select to hear the various IFB contributors as they are modified in real time and accurately monitor the final mix to the on-air talent - this is a tremendous benefit to broadcasters that need to make instant adjustments.

All IFB parameters are easy to change dynamically and independently from one or more work surfaces. The user interface represents a significant innovation, as it has been specifically designed to elegantly scale up to large touchscreen monitor size and down to ergonomically fit into iOS tablet devices. At this level of interaction, IFB users gain major operational efficiencies with the convenience of managing IFBs straight from a portable device, from anywhere in the studio.

"The worst thing that can happen on-air is to see an anchor or field reporter with their hand at their ear - that means something is wrong with the IFB system," said Stallard. "At Clear-Com we know how mission critical these systems are, and how easy it is for a news cast to fall apart when the IFB is unreliable. That's why our customers have come to trust Clear-Com. We don't just deliver a robust system; we continuously improve it.."

The complete line of Clear-Com new and enhanced products will be available for demonstration at IBC2015 on Stand 10.D29.

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**About Clear-Com®**

Clear-Com, an HME company, is a trusted global provider of professional real-time communications solutions and services since 1968. We innovate market proven technologies that link people together through wired and wireless systems.

Clear-Com was first to market portable wired and wireless intercom systems for live performances. Since then, our history of technological advancements and innovations has delivered significant improvements to the way people collaborate in professional settings where real-time communication matters. For the markets we serve -- broadcast, live performance, live events, sports, military, aerospace and government-- our communication products have consistently met the demands for high quality audio, reliability, scalability and low latency, while addressing communication requirements of varying size and complexity. Our reputation in the industry is not only based on our product achievements, but also on our consistent level of customer engagement and dedication to delivering the right solutions for specialized applications, with the expertise to make it work. Around the globe and across markets, Clear-Com's innovations and solutions have received numerous awards and recognitions for ingenuity and impact to customers.

For more information, please visit [www.clearcom.com](http://www.clearcom.com).

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