



139th International AES Convention
Jacob Javits Center, NYC
Booth #344
29 Oct – 1 Nov 2015

MNA presents live AES67 demonstration

Media Networking Alliance, Bothell, Washington, USA. The Media Networking Alliance (MNA) – the professional AV industry alliance established to promote awareness and uptake of AES67 – is exhibiting at the forthcoming 139th AES International Convention in New York. A major attraction on the alliance’s booth will be a live demonstration of audio networking interoperability, featuring 22 currently available networked-audio devices, from different manufacturers employing various audio network platforms.

AES67-specific extensions to the different network platforms provide for the common interchange of digital audio between them. In the instance of the demo, digital audio signals will be interoperable between devices employing Dante, Livewire, Q-LAN and RAVENNA. A total of 22 devices, from ALC NetworX, Archwave AG, Axia Audio, Digigram, DirectOut, Focusrite, Genelec, Lawo, Merging Technologies, QSC, Solid State Logic, Telos Systems Inc. and Yamaha, are connected to a simple network with a single Ethernet switch. AES67 supports both unicast (one-to-one) and multicast (one-to-many) audio transmission; this will be primarily a multicast demonstration, along the lines of the PlugFest testing carried out by the AES, in cooperation with the European Broadcast Union (EBU) at the Institut für Rundfunktechnik (IRT) in Munich, Germany, last year¹.

Speaking for the MNA, Technical Working Group Chairman, Kevin Gross said: “Although pairs of manufacturers have independently verified interoperability and large-scale multi-manufacturer testing was done a year ago at the PlugFest in Munich, this will be the first significant public demonstration of AES67 interoperability. It’s powerful to see AES67 fulfilling its promise making network audio connections between devices and protocols that were formerly incompatible.

“In addition to audio transport we will be demonstrating some of the manufacturer-specific discovery, control and monitoring functions that augment AES67 audio interoperability and coexist on the same network.”

AES67 enables high-performance audio-over-IP streaming interoperability between the various currently available IP-based audio networking platforms. AES67 operates over standard layer 3 Ethernet networks and, as such, is routable and fully scalable, like any common modern IT network. As a rule of thumb, any network infrastructure capable of handling VoIP should be able to handle AES67.

¹ AES-R12-2014, "Standards project report - AES67 Interoperability PlugFest - Munich 2014"
Audio Engineering Society, New York, NY., US.

<http://www.aes.org/publications/standards/search.cfm?docID=98>



MNA Technical Workgroup Chairman, Kevin Gross

[Image link](#)

MNA AES 67 logo [image link](#)

All brands and trademarks are recognized.

About the Media Networking Alliance (MNA)

The MNA is a not-for-profit corporation with membership available to all manufacturers, organizations, companies and individuals who are interested in the objectives and purposes of the alliance.

The MNA's objectives are:

- to promote the adoption and standardization of AES67 as an audio interoperability standard through marketing and education.
- to develop future AES67 specifications and other documents that augment, enhance or extend the primary AES67 specification for the purposes of enabling and promoting increased interoperability and reliability.
- to provide developer support for AES67 products, and actively support those members producing AES67 compliant products, including, but not limited to, AES67 System Development Kit and AES67 Test Tools.
- to provide a forum and environment in which members of the alliance can meet to review standards development and compliance programs, and to foster the development of new products based on the AES67 standard.
- to educate the business and end-user communities about the value, benefits and applications for AES67.
- establish and maintain relationships with educational institutions and other technology associations and organizations that help to promote the use and development of AES67 products.

A full list of member companies and other information can be found at medianetworkingalliance.com

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