



PRESS RELEASE

Jünger Audio Level Magic™ Available in Minnetonka Audio's AudioTools Server

Amsterdam, The Netherlands. September 1st 2016: Digital audio specialist Jünger Audio and Minnetonka Audio, a Telos Alliance Company, have announced a technology partnership resulting in Jünger Audio's Level Magic™ loudness management algorithm being supported by Minnetonka Audio Software's AudioTools Server. This marks the first deployment of Level Magic™ in a file-based domain.

Designed to solve and automate even the most sophisticated audio tasks, Minnetonka Audio Software's AudioTools Server is a flexible and customizable enterprise software system for file-based workflows. The server provides a complete solution for managing and processing linear PCM, Dolby E, Dolby Digital, and Dolby Digital Plus content, as well as the audio essence in MXF and QuickTime® clips.

With Level Magic™ available as an optional module for AudioTools Server, broadcasters and program makers will no longer be plagued by 'surprise' level changes when switching from one audio source to another, nor will they have to cope with wildly varying loudness levels and the havoc they can wreak on unattended operation.

"The broadcast industry continues to be moving towards file based processes and platforms. File based processes allow for more options, including purely scaling of program loudness levels. Broadcasters have recently experienced that this may not be enough. Level Magic on AudioTools Server allows broadcasters to use the same type of audio processing, already used in their real time playout, in the file based domain. This basically allows to combine the best of both worlds (real time and file based) on the AudioTools Server enterprise platform," says Markus Hintz, VP of Global Sales & Business Development for Minnetonka Audio.

Peter Poers, CEO of Jünger Audio, says: "Integrating Level Magic with the AudioTools Server is a great way to deliver our dynamic loudness control solution to broadcasters who are using a batch folder, file based system. This innovation ensures that files for distribution and broadcast achieve the same audio performance as the thousands of real-time live streams already being processed by Level Magic. The industry has often requested access to Level Magic for file based systems and we are delighted that our technology partnership with Minnetonka satisfies that demand."



Poers adds that there are certain types of audio content, for example those that were not originally created for broadcast, where the nature of their dynamic structure means that applying a simple level based normalisation can produce unpleasant results. In these cases, the intelligent and adaptive nature of Level Magic™ allows content to be normalised to the appropriate loudness standard whilst preserving the original dynamic range and characteristics.

“Already proven the world over for real-time loudness management in thousands of broadcast installations, these benefits are now available to users working in the file domain thanks to this integration into AudioTools Server,” he says.

Jünger Audio and Minnetonka Audio are both exhibiting at IBC 2016 and can be found at 10.A49 and 7.J40 respectively. For more information, please visit www.jungeraudio.com and www.minnetonkaaudio.com

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About Jünger Audio

Established in Berlin in 1990, Jünger Audio specialises in the design and manufacture of high-quality digital audio dynamics processors. It has developed a unique range of digital processors that are designed to meet the demands of the professional audio market. All of its products are easy to operate and are developed and manufactured in-house, ensuring that the highest standards are maintained throughout. Its customers include many of the world's top radio and TV broadcasters, IPTV providers, music recording studios and audio post production facilities. www.jungeraudio.com

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About The Telos Alliance®

For three decades, the brands of the Telos Alliance have revolutionized radio and television by pioneering disruptive, cutting-edge audio technology with the goal of helping global networks and local stations produce better programming, improve audience engagement, and bolster ratings. The Telos Alliance is made up of six



brands—Telos® Systems, Omnia® Audio, Axia® Audio, Linear Acoustic®, 25-Seven® Systems, and Minnetonka™ Audio—that raise the bar for quality and innovation in the radio and television industries. The Telos Alliance invented Audio over IP for broadcast and contributed time and resources to the effort that led to the AES67 standard. Headquartered in Cleveland, Ohio, USA, with additional offices and dealers around the world, the Telos Alliance offers an industry-leading five-year warranty, and backs users' critical on-air needs with worldwide 24/7 round-the-clock support for all customers.