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PRESS RELEASE
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Level Magic DAW plug-in to be released.

Jünger Audio announces that in a partnership collaboration with Flux::, their renowned loudness management algorithm is to be released as a software tool supporting all major DAW platforms (AU/VST/AAX/AS) for both Real Time and Offline (AudioSuite) processing in 32 & 64 bits under both Windows and Mac OS X.

Berlin, Germany and Orléans, France:

As a result of a joint engineering venture, Jünger Audio and Flux are pleased to announce Level Magic for the first time in a software format. Developed and enhanced over several years, Level Magic is a comprehensive loudness measurement, correction and management algorithm designed to ensure compliance with all current worldwide loudness standards.

Based on the underlying ITU-R BS.1770(-1/2/3) principle, Level Magic provides compatibility with EBU R128, ATSC A/85, ARIB TR-B32, FREE TV OP-59 and Portaria 354.
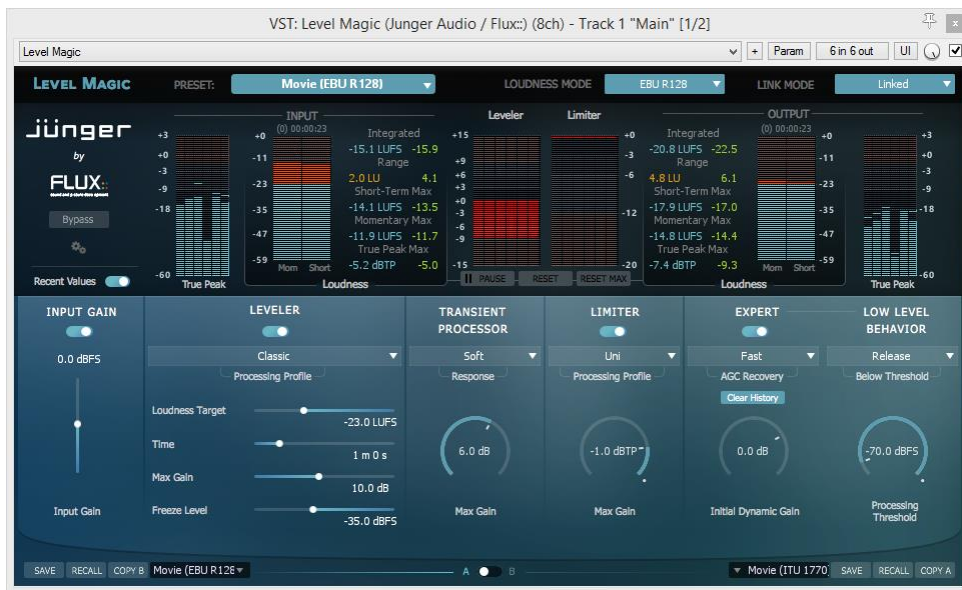
Designed to be audibly transparent, Level Magic utilises a proprietary multi-loop approach comprising of three essential elements in parallel to measure, and if necessary correct, out of specification audio. An AGC section controls slower changing levels over time whilst a fast acting transient processor catches inaudible high frequency overshoots that may otherwise cause detrimental effects in downstream processing or coding.

A brickwall filter provides effective True Peak limiting using a 2ms look-ahead to capture any intersample peaks. The resultant gain changing signal is a combination of all three elements.
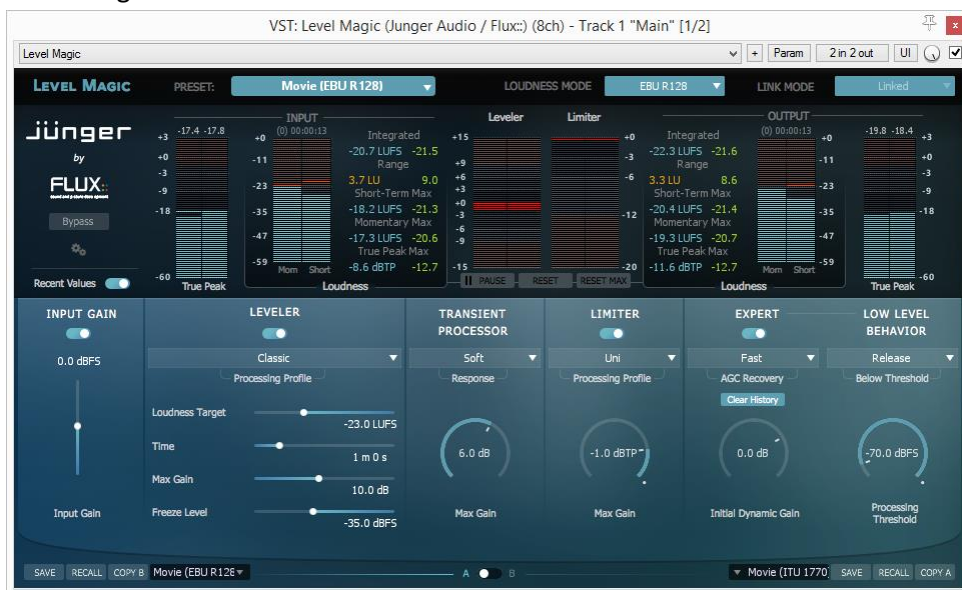
The Level Magic algorithm is highly adaptive to the structure of the incoming audio and requires only a small number of parameters to be set by the user. The result is audio compliant with the selected standard but free of any unwanted artefacts such as pumping, breathing or distortion.

All major DAW platforms are supported (AU/VST/AAX/AS) for both Real Time and Offline (AudioSuite) processing in 32 & 64 bits under both Windows and Mac OS X. Supported audio I/O formats include Mono, Stereo and Multichannel 5.1.

Level Magic in Multichannel 5.1

Level Magic in Stereo

Peter Pörs, Jünger Audio Managing Director said, "We are delighted to have worked with Flux on this exciting new development. As the industry continues to demand and adopt software based solutions, we are proud to now be able to offer all the proven and tested benefits of Level Magic to those working in the Digital Audio Workstation environment". He added, "This software tool is the perfect complement to our line up of hardware based real-time processors and will position us well for further expansion into the audio production workflow market."

Speaking on behalf of Flux, CEO Gael Martinet commented, "With the combined experience of Flux:: and Jünger, we believe this collaboration to be a perfect match between two companies from two different parts of the industry, united by a passion for extraordinary audio products. Level Magic is a great addition to our current product range, meeting the growing demand for comprehensive loudness correction processors on the audio software market. "

For more information about Jünger Audio and Flux, please visit the company websites at jungeraudio.com or fluxhome.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.

jungeraudio.com

About Flux

Flux:: sound and picture development was founded in the 1990's during the early days of digital audio software workstations, collaborating with Merging Technologies in the creation of Merging's now well renowned products. In 2007 Flux:: started releasing their own exquisite audio software product line tailored for demanding sound engineers, and has since then been focused on creating intuitive and technically innovative audio software tools, used by sound engineers and producers in the professional audio, broadcast, post production and mastering industry all over the world.

fluxhome.com