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## Z-Systems to unveil new z-K6 Stereo-to-Surround Audio Processor at AES Convention

*New easy-to-use unit converts stereo signal to full 5.1 channel surround sound outputs*

Gainesville, FL: At the upcoming 111<sup>th</sup> Audio Engineering Society Convention, to be held at the Jacob K. Javits Convention Center, New York, September 21 thru 24, **Z-Systems Audio Engineering** will unveil a remarkable new signal processor that creates a 5.1-channel output from a conventional stereo source. The new **z-K6 K-Surround Processor** has a wide range of applications within DVD-Video production, DVD-Audio mastering, Digital Television broadcast and post production, plus other areas where multichannel outputs need to be created from two-channel inputs.

“We developed the new system specifically for applications when it is necessary to create a realistic 5.1 recording in a more expedient and cost-effective way than going back to the original multitrack elements and re-mixing,” says Z-Systems president **Glenn Zelniker**. “Or, the stereo master might be all that exists, in which case the z-K6 represents the very best solution available.” The z-K6 creates a dedicated center output, a 0.1-channel LFE output, and derives the surrounds based on the natural ambience that already exists in the recording. “Nothing artificial is added and the resulting surround mix envelopes the listener in the material's own ambience,” Zelniker adds. “Furthermore, the 5.1 output folds down to stereo without any compatibility problems.”

Unlike other processors that use room modeling or synthetic reverberation, the z-K6 K-Surround Processor is based on well-understood psycho-acoustic principles relating to ambience and sound field perception. The resultant 5.1 outputs sound extremely natural, with all of the attendant benefits in imaging and clarity, and no sonic drawbacks.

*Note to Editors:* High-resolution images of the new z-K6 K-Surround Processor in TIFF/JPEG formats are available upon request

Founded in 1993, Z-Systems specializes in the development of leading-edge digital audio interface and signal processing products for the recording, mastering, broadcast and post-production markets. [www.z-sys.com](http://www.z-sys.com)