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Z-Systems unveils new z-K6 Stereo-to-Surround Audio Processor

*Easy-to-use unit converts stereo input signal
to full 5.1 channel surround sound outputs.*



Gainesville, FL: Z-Systems Audio Engineering has announced an exciting new signal processor that creates a 5.1-channel surround-sound 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.

According to Z-Systems president **Glenn Zelniker**, "We developed this exciting 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. Or the original stereo master might be all that exists from the project, in which case our new 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