Extron Adds DMP 128 Audio DSP Models with Dante

Written by Bob Snyder
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Extron Electronics introduces three new DMP 128 Digital Matrix Processors with Dante network connectivity from Audinate.

The DMP 128 is a 12x8 audio mixer featuring Extron ProDSP, automixing, I/O expansion capabilities and available AEC -- acoustic echo cancellation. The three new DMP 128 AT models provide efficient scalability for creating larger audio matrixes over a local area network using standard Internet Protocols. A built-in four-port Gigabit switch provides direct interconnection of multiple DMP 128 AT units. DMP 128 processors offer a configuration approach to DSP that simplifies mixing, routing, conferencing and room optimization. Quick configuration using the DSP Configurator Software allows the DMP 128 to be installed in very little time, with adjustments that can be heard in real-time.

DMP 128 AT models provide scalable audio transport over a local area network using standard Internet protocols. Each processor sends out 24 channels of 24-bit/48 kHz digital audio and can receive 56 channels over the network. A built-in four-port Gigabit switch also provides direct interconnection of multiple DMP 128 AT units to create larger, cost-effective audio matrixes. Dante technology distributes a virtually unlimited 512x512 audio channels at 24-bit/48 kHz over a single Gigabit Ethernet link or 48x48 audio channels at 24-bit/48 kHz over a single 100 Mbps Ethernet link, plus integrated control data with extremely low latency. Both Dante and the DMP 128 AT processor's four-port switch are AVB -- Audio Video Bridging ready.

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The DMP 128 features Extron ProDSP, engineered using a powerful 64-bit floating point DSP engine and studio grade 24-bit converters with 48 kHz sampling. ProDSP is managed by the DSP Configurator Software, featuring a GUI that allows for complete audio system visualization within a single window. All DMP 128 models include an automixer with gated and gain sharing modes for managing up to eight groups of microphone signals. Some of the DMP 128 processors also offer Extron AEC with eight independent channels of high performance, fast echo cancellation for optimal intelligibility in conferencing applications.

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