

News Release

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EV (Electro-Voice®) INTRODUCES NEW PRECISION SERIES DSP CONTROLLED AMPLIFIERS AT AES 2002

LAS VEGAS, NV (June 12, 2002): EV (Electro-Voice®) introduces the new Precision Series DSP Controlled Amplifiers at this year's AES, Booth #1747. These new professional amplifiers are designed for the demands of today's installations and high-level, professional touring applications. Offering remote control and supervision of up to 250 amplifiers via one or multiple PCs, EV DSP Controlled Precision Amplifiers combine legendary performance with uncompromised remote control and system supervision capabilities. Utilizing state-of-the-art technologies from Electro-Voice power amplifier and signal processor developments (dynamics > 114 dB) Electro-Voice guarantees superior audio performance.

Central supervision and control of all amplifiers and connected loudspeakers is achieved with state-of-the-art signal processing (filter, delay, level, dynamics). The new Precision Series DSP Controlled Amplifiers also provide display of the acoustical response of EV loudspeakers in real-time (RACE). Integration with life-safety systems and control of external equipment is seamless. For exceptional audio performance and extreme reliability, Precision Series DSP Controlled Amplifiers bring together remote control technology and supervision at the highest level.

Featuring a range of amplifiers for both high and low-impedance applications, the following models are available:

- P3000 RL, the flagship of the series, provides 2 x 1300 watts into 4 and 2 x 1800 watts into 2 ohms. The digital version of the legendary P3000 features all Speakon® NL4 connectors on speaker outs.
- P1200 RL, the universal performer with 2 x 600 watts into 4 and 2 x 850 watts into 2 ohms. Features barrier strip speaker out connections.
- P900 RL, features 2 x 450 watts into 4 and 2 x 650 watts into 2 ohms. Dedicated for HF drive in multi-way systems. Features barrier strip speaker out connections.
- P1200 RT, high impedance output for 100/70V-lines with 2 x 590 watts. The dynamic limiter circuit includes the output transformer and limits THD to 1% maximum. Features barrier strip speaker out connections.
- P900 RT, high impedance output for 100/70-V lines with 2 x 410 watts. Features barrier strip speaker out connections.

(more)

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All Precision Series DSP Controlled Amplifiers include the RCM-24, the digital engine with more than 114 dB dynamic range. It offers remote control on all amplifier parameters, centralized system configuration, and preset and program change for different applications. It also allows control via one or multiple PCs with discretionary access control. The signal processing features 12 filters, 2 delays, compressor and limiter per channel. RACE processed presets for EV loudspeakers are also available. Offering total supervision, all amplifier operation modes are controlled and monitored. Automated action procedures on critical operation modes are programmable. Full-time supervision of loudspeaker lines for short-circuit and interrupt. EV's new DSP Controlled Amplifiers also feature full-frequency bandwidth measurement of loudspeaker.

For more information, call 1-800-667-3968, or visit www.electrovoice.com.

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