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## CERWIN-VEGA! INTRODUCES THE XL-300.1 MOBILE-AUDIO AMPLIFIER

Las Vegas, January 4, 2006 – Part of Cerwin-Vega's new XL line of mobile-audio amplifiers, the single-channel XL-300.1 incorporates the latest circuit-design technologies at an affordable price. The mono-block XL-300.1 is optimized to power one or more subwoofers and is rated to produce 300 watts of power into 2-ohm impedances.

In fact, all of Cerwin-Vega's XL amplifiers use the same technology as their EXL amps in their power supply and output stages. C-V engineers have taken great care when designing these amplifiers to ensure cost effectiveness without sacrificing the high level of performance expected from Cerwin-Vega. All EXL and XL

amplifiers are individually tested before leaving the factory to ensure the highest quality.

Both EXL and XL amplifiers use high-current MOSFET power supplies coupled with bipolar output transistors for superior signal control throughout the amplification process. Transparent thermal and overload protection circuits ensure that the amps are safeguarded to withstand the most demanding applications and conditions. The amps use terminal-style connections and controls are calibrated for easy adjustment.

Features include Vega Bass! boost control, a low-pass filter that keeps upper frequencies out of the subwoofers, and a subsonic filter that protects subwoofers from being overdriven. The cut-off point of the low-pass filter may be set anywhere from 50 to 250 Hz. The low pass filter has a slope of 12 dB per octave. Strapping capability allows two amplifiers to be bridged together (for example, one being used to amplify the positive part of the signal and the other used to amplify the negative part... this creates one large amplifier equal to twice the power of one XL-300.1). Yes, you can run four of these amplifiers to one dual voice coil subwoofer!

The XL-300.1 is rated at 150 watts of power into 4 ohms with less than 0.1% total harmonic distortion and 300 watts with less than 0.1% THD. The amplifier measures 11 x 10<sup>1</sup>/<sub>2</sub> x 2<sup>1</sup>/<sub>4</sub> inches (27.9 x 26.67 x 5.72 centimeters) and weighs 7.26 pounds (3.29 kilograms).

Based in Chatsworth California, Cerwin-Vega, Inc. has been a leader in the design, manufacture and distribution of loudspeakers for the home, mobile and professional audio markets since 1954. Designed in pursuit of dynamic,

accurate sound reproduction, Cerwin-Vega products are distributed throughout the world through a network of distributors and dealers in more than 75 countries. Cerwin-Vega, 9340 De Soto Ave. Chatsworth, CA 91311 818-534-1500 [www.cerwin-vega.com](http://www.cerwin-vega.com)