

# EXL SERIES

M O B I L E   A U D I O

## PRELIMINARY DOCUMENTATION



**I**NTRODUCING THE EXL SERIES, WITH THREE FEATURE-PACKED MOBILE AMPLIFIERS THAT OFFER THE LATEST TECHNOLOGIES IN CIRCUIT DESIGN AS WELL AS THE PERFORMANCE THAT TODAY'S MOBILE AUDIO ENTHUSIAST DEMANDS.

A toroid-coil transformer yields maximum power transfer with minimum heat loss. Careful attention to circuit design keeps RFI at low levels, so you won't hear unwanted noise when the level is cranked up. Protection circuits safeguard the amplifier when overheating and speaker shorts or improper load conditions occur.

All connections and controls of the EXL amplifiers are on the end panels and are easy to understand. We use nickel plated RCA and barrier connectors to ensure the best electrical connection for your system. Included is an internal automotive type fuse that is easy to replace.

### FEATURING:

- > Full Frequency response with low distortion and exceptional signal to noise performance.
- > Advanced circuit design that features bridgeable and mixed mode operation for use with various systems, including those with satellite speakers and / or subwoofers.
- > Independent front and rear variable high-pass / low-pass/ flat electronic crossover with a 12dB per octave slope and full adjustable range (from 55Hz to 5.5kHz) to aid in audio system design.
- > Continuously variable bass boost circuit to reinforce low frequency signals that may be lost due to subwoofer box design.
- > Adjustable input level controls with ground loop isolation accepting a wide range of input signals.
- > Remote turn-on with "soft start" muting to prevent turn on or turn off "Thump"
- > Pulse-width modulated MOSFET power supply with low RFI and protection circuits for overheating and speaker shorts.
- > 2-ohm-load capability to drive a variety of speaker systems
- > .Nickel input / output connectors and an external automotive type fuse
- > Aluminum heat sink for efficient heat dissipation
- > Low profile, compact size for space limited installations.

### THE EXL SERIES INCLUDES THE FOLLOWING FOUR MODELS:

**EXL-350.2** 2x175 watts @ 2 ohms

**EXL-400.4** 4x100 watts @ 2 ohms

**EXL-1200D** 1x1200 watt mono block @ 1 ohm

 **CERWIN-VEGA!**

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