High-Power Subwoofer Amplifiers

Key Features
- Class D Monoblock Subwoofer Amplifier
- High Current Design - 1 Ohm Stable
- 600 Watts @ 1 Ohm (THE EPICENTER® 600 Amplifier)
- 1200 Watts @ 1 Ohm (THE EPICENTER® 1200 Amplifier)
- THE EPICENTER® Digital Bass Restoration
- MILC™ Maximum Input Level Control (Patent Pending)
- 24 dB/Octave Linkwitz-Riley Alignment Crossover
- GTO Signal Sense
- PFM Subsonic Filter
- Line-Level RCA Inputs and Active Speaker-Level Inputs
- Solid One-Piece Aluminum Chassis
- Remote Control for Subwoofer Level and THE EPICENTER® Processor
- Expansion Bus

Simply the most advanced subwoofer amplifier in car audio today! THE EPICENTER® Amplifiers incorporate our Patented Bass Restoration Processor to deliver earth-shaking power to your subwoofer system. Carefully applied signal processing at just the right spot enhances the listening experience and maximizes your bass quality. In a real-world listening environment we invite you to compare this amplifier to any other amplifier in the same power category, at any price, and you will quickly learn that THE EPICENTER® Amplifiers will always have more Bass! It’s time to hear what you have been missing.

AudioControl’s engineering department designed these amplifiers from the ground up. They feature a black brushed aluminum finish, with black powder-coated cast alloy heat sinks and bottom panel in one single piece. A black-brushed aluminum cover is also provided to protect the controls.

**THE EPICENTER® 600 Amplifier**

- Power Output: 200 Watts @ 4 Ohms, 350 Watts @ 2 Ohms, 600 Watts @ 1 Ohm
- S/N Ratio: 104 dB, Ref 600 Watts @ 1 Ohm
- Damping Factor: 670 @ 10 V, 4 Ohms Output, 100 Hz
- Bass Processing: THE EPICENTER®
- Minimum Power / Ground Wire Gauge: 3 Gauge
- Fuse Rating: 2 X 40 Amps
- Crossover: 24 dB/Octave Linkwitz-Riley, Adjustable from 30 - 250 Hz
- PFM Subsonic Filter: 18 dB/Octave, Selectable 16/32 Hz
- Weight: 4.5 lbs
- Dimensions: 9” W X 7.95” D X 2.1” H

**THE EPICENTER® 1200 Amplifier**

- Power Output: 400 Watts @ 4 Ohms, 750 Watts @ 2 Ohms, 1200 Watts @ 1 Ohm
- S/N Ratio: 107 dB, Ref 1200 Watts @ 1 Ohm
- Damping Factor: 770 @ 10 V, 4 Ohms Output, 100 Hz
- Bass Processing: THE EPICENTER®
- Minimum Power / Ground Wire Gauge: 0 Gauge
- Fuse Rating: 3 X 40 Amps
- Crossover: 24 dB/Octave Linkwitz-Riley, Adjustable from 30 - 250 Hz
- PFM Subsonic Filter: 18 dB/Octave, Selectable 16/32 Hz
- Weight: 6.6 lbs
- Dimensions: 12” W X 7.95” D X 2.1” H

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ACR-3 Remote - A single remote that controls the subwoofer level and THE EPICENTER® bass restoration

High-Power Subwoofer Amplifiers

**Key Features of THE EPICENTER®**

- Single Piece Cast Heat Sink - Our engineers designed a single piece cast design for bulletproof reliability and maximum efficiency cooling
- ACR-3 Remote - A single remote that controls the subwoofer level and THE EPICENTER® bass restoration
- Expansion Bus - Allows two or more amplifiers to be controlled by one set of controls
- 1 Ohm Stable - Stable down to a 1 Ohm load for multiple subwoofer applications
- MILCTM - Maximum Input Level Control (Patent Pending). Level setting circuit to prevent clipping and damaging distortion
- Speaker-Level Inputs - High voltage speaker-level inputs for OEM integration
- Line-Level Inputs - L/R RCA line-level inputs
- GTO Signal Sense - Speaker-level inputs have GTO Signal Sense for ease of installation
- THE EPICENTER® - Patented Bass Restoration processing for earth shaking Bass!
- LEDs - Gain maximized and source clip
- Expansion Bus Mode - Sets one amplifier as the Source, and others as Links
- LEDS - Power and Protection
- PFM Subsonic - Frequency Selector
- Crossover - Frequency Adjustment
- Polarity - Phase Selector

**System Diagrams**

**System #1 - Adding Subwoofers to an OEM Radio**

- Factory Radio
- ACR-3
- Subwoofers

**System #2 - Using the Expansion Bus to run multiple Amplifiers, linked to one Master set of Controls**

- Factory Radio
- ACR-3
- Master
- Left Subwoofer
- Right Subwoofer

**System #3 - Using the Expansion Bus to run two Amplifiers to double the power into one Subwoofer**

- Factory Radio
- ACR-3
- Master
- 0° Source
- 180° Link
- Subwoofer

THE EPICENTER® AMPLIFIERS

- Factory Radio
- ACR-3
- Master
- Expansion Bus
  - Mode: Source
  - Mode: Link

Speaker-Level Inputs - High voltage speaker-level inputs for OEM integration

Line-Level Inputs - L/R RCA line-level inputs

GTO Signal Sense - Speaker-level inputs have GTO Signal Sense for ease of installation

THE EPICENTER® - Patented Bass Restoration processing for earth shaking Bass!

LEDS - Gain maximized and source clip

Expansion Bus Mode - Sets one amplifier as the Source, and others as Links