MOBILE ELECTRONICS
PRODUCT SUMMARY

JANUARY 2016

POWER AMPLIFIERS - NEW

DIGITAL SIGNAL PROCESSORS - NEW

EQUALIZERS

LINE DRIVERS

FACTORY SYSTEM UPGRADE - NEW

BASS RESTORATION

CROSSOVERS

TEST & MEASUREMENT - NEW
# SUBWOOFER AMPLIFIERS

<table>
<thead>
<tr>
<th>Model</th>
<th>Features</th>
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</thead>
<tbody>
<tr>
<td><strong>THE EPICENTER® 1200 POWER AMPLIFIER</strong>&lt;br&gt;Hi-Power THE EPICENTER® Subwoofer Power Amplifier&lt;br&gt;Class D Monoblock Subwoofer Amplifier • High Power • 300 watts x 1 @ 4 Ohms • 600 watts x 1 @ 2 Ohms • 1200 watts x 1 @ 1 Ohm • THE EPICENTER® Bass Restoration • MILC™ clip detection circuit (Patent Pending) • Speaker level inputs with GTO™ Signal Sensing • PFM Subsonic Filter • 24 dB / Octave Linkwitz-Riley Selectable Crossover • Dash Mount ACR-3 level control included</td>
<td><strong>THE EPICENTER® 600 POWER AMPLIFIER</strong>&lt;br&gt;Hi-Power THE EPICENTER® Subwoofer Power Amplifier&lt;br&gt;Class D Monoblock Subwoofer Amplifier • High Power • 150 watts x 1 @ 4 Ohms • 300 watts x 1 @ 2 Ohms • 600 watts x 1 @ 1 Ohm • THE EPICENTER® Bass Restoration • MILC™ clip detection circuit (Patent Pending) • Speaker level inputs with GTO™ Signal Sensing • PFM Subsonic Filter • 24 dB / Octave Linkwitz-Riley Selectable Crossover • Dash Mount ACR-3 level control included</td>
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# MULTI-CHANNEL AMPLIFIERS

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<tbody>
<tr>
<td><strong>D-4.800™ MATRIX DSP AMPLIFIER</strong>&lt;br&gt;4/3/2 Channel Matrix DSP Amplifier&lt;br&gt;4/3/2 channel high power amplifier with Matrix DSP • 4 x 200 watts @ 2 ohms • 4 x 125 watts @ 4 ohms • Bridgeable • Line level outputs • AccuBASS® • MILC™ Source Clip Detection • GTO™ Signal Sense • Premium OEM Integration • Signal summing • Configurable 24 dB/octave crossovers • Optional ACR-3 Assignable Remote Level &amp; Preset Control</td>
<td><strong>LC-4.800™ MULTI-CHANNEL AMPLIFIER</strong>&lt;br&gt;4/3/2 Channel High-Power Amplifier&lt;br&gt;4/3/2 channel high power amplifier • 4 x 200 watts @ 2 ohms • 4 x 125 watts @ 4 ohms • Bridgeable • Line level outputs • AccuBASS® • MILC™ Source Clip Detection • GTO™ Signal Sense • Premium OEM Integration • Signal summing • Configurable crossovers • Optional ACR-3 Assignable Remote Level &amp; Preset Control</td>
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FACTORY SYSTEM UPGRADE

**Model** | **Features**  
--- | ---  
**DQ-61™** | 6-Ch EQ, Line Output Converter, Signal Delay & AccuBASS  
Six channels of active speaker level inputs • AccuBASS® to correct for factory bass roll-off • Independent front, rear and sub equalization • Signal Delay to put the speakers in acoustic alignment • Internal channel summing • GTO™ signal sensing turn-on with remote out • Dash Mount ACR-3 Level Control Included  
**LCQ-1™** | 6-Ch EQ, Line Output Converter & AccuBASS  
Six channels of active speaker level inputs • Independent front, rear and subwoofer equalization • AccuBASS® (patent pending) to correct for factory bass roll-off • Internal channel summing • GTO™ Signal Sensing turn-on system with remote out • Optional Dash Mount ACR-2 Level Control (sold separately)  
**LC2i™** | 2-Ch Line Output Converter & AccuBASS  
Two channel active speaker level input • AccuBASS® with variable threshold and gain • Dual Outputs (one fixed, one variable) • 400 watts per channel power handling capability • GTO™ turn-on circuit with remote out • Output level controls • Optional Dash Mount ACR-1 Level Control (sold separately)  
**LC6i™** | 6-Ch Line Output Converter & Summing  
Accepts up to six channels of active speaker level input • 6 output channels • Internal summing jumpers • AutoMode™ inputs allow two or four inputs to output to four or six output channels • GTO™ signal sensing inputs with remote out • Output level controls • Optional Dash Mount ACR-1 Level Control (sold separately)  
**LC7i™** | 6-Ch Line Output Converter & Internal Summing & AccuBASS  
Six channels of active speaker level inputs • AccuBASS® to correct for factory bass roll-off • Compact easy mount chassis • Internal channel summing • AutoMode™ inputs allow 2 or 4 inputs to output to 4 or 6 output channels • GTO signal sensing turn-on system with remote output • Optional Dash Mount ACR-1 Level Control (sold separately)  
**LC8i™** | 8-Ch Line Output Converter, Aux Input & Internal Summing  
Accepts up to eight channels of active speaker level input • Auxiliary stereo input • Dash control provides adjustment for auxiliary & subwoofer level • Internal channel summing • AutoMode™ • GTO™ signal sensing inputs with remote out • Dash Mount ACR-3 Level Control / Source Switch Included

LINE DRIVERS

**Model** | **Features**  
--- | ---  
**MATRIX™ PLUS** | 6-Ch Line Driver with Assignable Inputs/Outputs  
Six input and output channels • 24dB of signal gain • 13 volts peak output • Assignable inputs and outputs allow for signal routing (ie. two input channels drive six output channels) • Signal voltage indicator LEDs • High headroom PWM power supply • Selectable ground isolation • Low impedance outputs for multiple loads • Optional dash mounted ACR-1 remote level control (sold separately)  
**OVERDRIVE™ PLUS** | 2-Ch Line Driver with 24dB of Signal Gain  
Two input and output channels • 24dB of signal gain • 13 volts peak output • High headroom PWM power supply • Selectable ground isolation • Power and Voltage LEDs • Low impedance outputs for multiple loads • Optional dash mounted ACR-1 remote level control (sold separately)
## DIGITAL SIGNAL PROCESSORS

**DM -810™**
**Eight by Ten Channel Matrix DSP Processor**
- Matrix DSP Processing
- Eight channels In
- Ten channels cut
- Active speaker level inputs
- Signal summing
- Line level inputs and outputs
- Digital inputs
- AccuBASS®
- MILC™ source clip detection
- GTO™ signal sense
- Equalization
- Signal Delay
- Real time analyzer
- Configurable 24 dB/Octave Linkwitz-Riley Crossovers
- Optional ACR-3 Assignable Remote Level & Preset Control

**DM-608™**
**Six by Eight Channel Matrix DSP Processor**
- Matrix DSP Processing
- Six Channels In
- Eight Channels Out
- Active speaker level inputs
- Signal summing
- Line level inputs and outputs
- Digital inputs
- AccuBASS®
- MILC™ source clip detection
- GTO™ signal sense
- Equalization
- Signal Delay
- Real time analyzer
- Configurable 24 dB/Octave Linkwitz-Riley Crossovers
- Optional ACR-3 Assignable Remote Level & Preset Control

## BASS RESTORATION PROCESSORS

**THE EPICENTER®**
**Bass Restoration Processor**
- Bass Restoration Processor
- Intelligent logic circuits
- Programmable Frequency Match (PFM) filter
- Balanced inputs
- ParaBASS controls for tuning the bass restoration effect
- Bass maximizing light
- Bass Maximization Circuit
- Adjustable Subsonic Filter
- Available in Espresso Black or Sierra White
- **Dash Mount ACR-1 for bass restoration included**

**THE EPICENTER® PLUS**
**Bass Restoration Processor With Speaker Level Inputs/AUX**
- Bass Restoration Processor with auxiliary input
- Active speaker level inputs
- 400 watt power handling capability
- Pre-Amp Inputs for aftermarket applications
- Stereo auxiliary input
- GTO™ signal sensing
- Adjustable Subsonic Filter
- Bass Maximization Circuit
- 12 volt trigger output
- **Dash Mount ACR-2 for bass restoration and input selection included**

**THE EPICENTER® InDASH**
**In-Dash Bass Restoration 160dB SPL Microphone & Display**
- In-Dash version of The Epicenter® Bass Restoration Processor
- Built-in 160 dB capable microphone & Hi-SPL display
- Selectable display switching monitors vehicle electrical system
- ParaBass equalization circuitry
- Line level & active speaker level inputs accommodates OEM integration
- Balanced differential inputs
- Switchable illumination (blue or red)
- ½ DIN chassis
- includes mounting brackets
### Preamp Equalizers and Processors

<table>
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<tr>
<th>Model</th>
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<tr>
<td><strong>DQDX™</strong></td>
<td>Six channel digital signal processor with signal delay, front, rear and sub-woofer equalizer • Two-way 24 dB/octave Linkwitz-Riley alignment crossover • Discrete input and output level controls with clip indicators • Programmable Frequency Match (PFM) subsonic filter • Remote sub-woofer level control • Balanced differential inputs • Switchable ground isolation • <strong>Dash Mount ACR-3 Level Control Included</strong></td>
</tr>
<tr>
<td><strong>EQS™</strong></td>
<td>Six channel dual bandwidth equalizer • 6 bands ½ octave bass equalization plus 7 bands midrange / high frequency equalization • Programmable Frequency Match (PFM) subsonic filter • Line level and speaker level inputs • Input / output level matching • AutoMode inputs • 13 volt line driver • Balanced differential inputs • Switchable ground isolation</td>
</tr>
<tr>
<td><strong>EQX™</strong></td>
<td>Dual bandwidth equalization with crossover • 6 bands of 1/2 octave bass equalization • 7 band octave equalizer • 24dB/octave Linkwitz-Riley alignment crossover • High pass, low pass and full range outputs plus mono/invert sub output • Programmable Frequency Match (PFM) Filter • Switchable ground isolation • Line level and speaker level inputs • Input / output level matching • Balanced inputs • 13 volt line driver</td>
</tr>
<tr>
<td><strong>EQL™</strong></td>
<td>Dual bandwidth equalization • 6 bands of 1/2 octave bass equalization • 7 band octave equalizer • Switchable ground isolation • Line level / speaker level inputs • input/output level matching • Balanced inputs • Programmable Frequency Match (PFM) Filter • 13 volt line driver</td>
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### Electronic Crossovers

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<tr>
<td><strong>6XS™</strong></td>
<td>2, 4 or 6 channel inputs • Automode inputs • Front highpass, front bandpass, rear highpass, and sub-woofer outputs • 24 dB/octave Linkwitz-Riley alignment • remote mounted subwoofer level control • Programmable Frequency Match (PFM) subsonic filter • Output level controls • 13 volt peak preamp line driver • switchable ground isolation • <strong>Dash Mount ACR-1 Sub-woofer Level Control Included</strong></td>
</tr>
<tr>
<td><strong>2XS™</strong></td>
<td>State variable 18 dB/octave electronic crossover • 2-channel 2-way module programmable • balanced inputs • output level controls • 13 volt peak preamp line driver • switchable isolation PWM power supply • Programmable Frequency Match (PFM) Filter for speaker control and amplifier protection</td>
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### In-Dash Audio Processors

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<tr>
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<tbody>
<tr>
<td><strong>THREE.2™</strong></td>
<td>3+2 band stereo equalizer with ParaBASS • 13 volt peak line driver • two channel preamp input • independent front, rear and sub-woofer out • 2-way 24 dB/octave electronic crossover • Front and rear panel auxiliary inputs • Switchable illumination (blue or red) • Master volume control • Fader • Subwoofer level controls • 1/2 din chassis • Left/right input level controls • PWM switching power supply • Includes mounting brackets</td>
</tr>
<tr>
<td><strong>FOUR.1i™</strong></td>
<td>4+1 band stereo equalizer with ParaBASS • Two channel preamp input • Independent front, rear outputs • Auxiliary input • 13 volt peak line driver • Switchable illumination (blue or red) • Balanced inputs and outputs • Master volume control • Fader • ½ din chassis • PWM switching power supply • Includes mounting brackets</td>
</tr>
<tr>
<td><strong>THE EPICENTER® InDASH</strong></td>
<td>InDash version of The Epicenter® Bass Restoration Processor • Built-in 160 dB capable microphone &amp; display • Selectable display switching monitors vehicle electrical system • ParaBASS equalization circuitry • Line level &amp; active speaker level inputs accommodates OEM integration • Balanced differential inputs • Switchable illumination (blue or red) • ½ DIN chassis • Includes mounting brackets</td>
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**ACCESSORIES**

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<tbody>
<tr>
<td>ACR-1™ Remote</td>
<td>ACR-1 Remote Level Control for: The Epicenter®, LC2i, LC6i, LC7i, Overdrive Plus, Matrix Plus, 6XS • Includes 20ft of Cable • New compact, durable design</td>
</tr>
<tr>
<td>ACR-2™ Remote</td>
<td>ACR-2 Remote Level Control for: LCQ-1, The Epicenter® Plus • Includes 20ft of Cable • New compact, durable design</td>
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<tr>
<td>ACR-3™ Remote</td>
<td>ACR-3 Remote Level Control for: LC8i, DQ-61, DQDX, The Epicenter® 1200 &amp; 600, DM-810, DM-608 • Includes 20ft of Cable • New compact, durable design</td>
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**AUDIO MEASUREMENT TOOLS**

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<tbody>
<tr>
<td>SA-4100i™ İOS</td>
<td>Compatible with iPod® touch, iPhone®, iPad® • factory calibrated • Omnidirectional capsule • 20 Hz to 20 kHz frequency response +/- 3 dB • Built-in Lightning connector • Dual-gain range preamp • Access to AudioControl Mobile Tools app (available on the app store) • AudioControl Mobile Tools app includes: RTA realtime analyzer • FFT fast fourier transform • SPL sound pressure level • Polarity Testing • DQ-61 signal delay</td>
</tr>
<tr>
<td>SA-3052A™ RTA</td>
<td>Special autosound real time analyzer for contests and car stereo tuning • one third octave professional real time spectrum analyzer and SPL meter • 6 non-volatile memories • four speeds • two-color power/charging LED • flip out front feet • soft carrying case • measurement microphone • IASCA, MECA, and USACi contest scoring • parallel printer interface • internal rechargeable battery included • Please specify software when ordering</td>
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**ABOUT AUDIOCONTROL**

Established in Seattle nearly four decades ago, those of us here at AudioControl have always been dedicated to designing, engineering and building world-class audio products from the ground up. In the process, we’ve earned a reputation worldwide for operating at the highest levels of reliability and performance.

A relentless enthusiasm for flawless sound performance lies at the heart of everything we do. Here in the Pacific Northwest, we’ve spent decades building an incomparable team of truly passionate engineers. Day after day, they pour their hearts and souls into innovative AudioControl products that will always be known for making good sound great.

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