These highly versatile digital signal processors contain the power of AudioControl processing through the flexible, accessible and feature-packed DM Smart DSP™ app. Configure channel summing, 30 bands of EQ, signal delay and phase correction, plus AudioControl proprietary features like AccuBASS®, GTO™ Signal Sense, and MILC™. Integrated input and output RTA’s aid in channel summing and equalization.

Connect the optional AC-BT24 for Bluetooth® HD audio streaming and programming.

**OEM INTEGRATION**

Every make, model, and year of vehicle is different, so installation of an upgraded sound system can be tricky. Most factory radios today are so much more than just a radio—they’re generally the command center for the vehicle. Changing them can be very expensive, (if it’s even possible) and you usually don’t get much of an improvement in sound. With industry leading features such as our Load Matching Circuit, intuitive channel summing, patented AccuBASS® compensation, GTO™ Signal Sense, signal delay and EQ, AudioControl active line output converters are the go-to choice for OEM integration.

### DM SMART DSP APP

DM Smart DSP app is available for PC and Mac and features tablet and smartphone support via the AC-BT24 Bluetooth Streamer & Programmer.

### MODEL

<table>
<thead>
<tr>
<th>MODEL</th>
<th>Speaker Level Inputs</th>
<th>Preamp Inputs</th>
<th>Digital Inputs</th>
<th>Preamp Outputs</th>
<th>Channel Summing</th>
<th>GTO™ Signal Sense</th>
<th>THD</th>
<th>Frequency Response</th>
<th>AccuBASS®</th>
<th>Maximum Output Level</th>
<th>Remote Level Control</th>
<th>Option Port</th>
</tr>
</thead>
<tbody>
<tr>
<td>DM-810</td>
<td>8</td>
<td>8</td>
<td>1 x S/PDIF, 1 x Optical</td>
<td>10</td>
<td>Y</td>
<td>Y</td>
<td>0.01%</td>
<td>20 Hz - 24 kHz</td>
<td>Y</td>
<td>10 Vrms</td>
<td>ACR-3 (optional)</td>
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<td>DM-608</td>
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<td>6</td>
<td>1 x S/PDIF, 1 x Optical</td>
<td>8</td>
<td>Y</td>
<td>Y</td>
<td>0.01%</td>
<td>20 Hz - 24 kHz</td>
<td>Y</td>
<td>10 Vrms</td>
<td>ACR-3 (optional)</td>
<td>Y</td>
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### OEM INTEGRATION

<table>
<thead>
<tr>
<th>MODEL</th>
<th>Speaker Level Inputs</th>
<th>Line Level Inputs</th>
<th>Channel Summing</th>
<th>Aux Input</th>
<th>Preamp Outputs</th>
<th>GTO™ Signal Sense</th>
<th>Frequency Response</th>
<th>Signal Delay</th>
<th>EQ</th>
<th>AccuBASS®</th>
<th>Maximum Output Level</th>
<th>Remote Level Control</th>
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<tbody>
<tr>
<td>DQ-61</td>
<td>6</td>
<td>NA</td>
<td>Y</td>
<td>N</td>
<td>6</td>
<td>Y</td>
<td>10 Hz - 22 kHz</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td>7.5 Vrms</td>
<td>ACR-3 (included)</td>
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<tr>
<td>LCQ-1</td>
<td>6</td>
<td>NA</td>
<td>Y</td>
<td>N</td>
<td>6</td>
<td>Y</td>
<td>10 Hz - 22 kHz</td>
<td>N</td>
<td>Y</td>
<td>Y</td>
<td>7.5 Vrms</td>
<td>ACR-2 (optional)</td>
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<tr>
<td>LC1i</td>
<td>2</td>
<td>2</td>
<td>Y</td>
<td>N</td>
<td>N</td>
<td>Y</td>
<td>20 Hz - 50 kHz</td>
<td>N</td>
<td>N</td>
<td>Y</td>
<td>9.5 Vrms</td>
<td>NA</td>
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<tr>
<td>LC2i</td>
<td>2</td>
<td>NA</td>
<td>N</td>
<td>N</td>
<td>4</td>
<td>Y</td>
<td>33 Hz - 100 kHz</td>
<td>N</td>
<td>N</td>
<td>Y</td>
<td>9.5 Vrms</td>
<td>ACR-1 (optional)</td>
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<tr>
<td>LC2i Pro</td>
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<td>NA</td>
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<td>N</td>
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<td>Y</td>
<td>20 Hz - 50 kHz</td>
<td>N</td>
<td>N</td>
<td>Y</td>
<td>9.5 Vrms</td>
<td>ACR-1 (included)</td>
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<tr>
<td>LC6i</td>
<td>6</td>
<td>NA</td>
<td>Y</td>
<td>N</td>
<td>6</td>
<td>Y</td>
<td>10 Hz - 22 kHz</td>
<td>N</td>
<td>N</td>
<td>N</td>
<td>9.5 Vrms</td>
<td>ACR-1 (optional)</td>
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<tr>
<td>LC7i</td>
<td>6</td>
<td>NA</td>
<td>Y</td>
<td>N</td>
<td>6</td>
<td>Y</td>
<td>10 Hz - 22 kHz</td>
<td>N</td>
<td>N</td>
<td>N</td>
<td>8.5 Vrms</td>
<td>ACR-1 (optional)</td>
</tr>
<tr>
<td>LC8i</td>
<td>8</td>
<td>2 (AUX)</td>
<td>Y</td>
<td>Y</td>
<td>8</td>
<td>Y</td>
<td>10 Hz - 22 kHz</td>
<td>N</td>
<td>N</td>
<td>N</td>
<td>8.5 Vrms</td>
<td>ACR-3 (included)</td>
</tr>
</tbody>
</table>
### POWER AMPLIFIERS

AudioControl has paired our award winning amplifier technology with powerful Matrix Digital Signal Processing into the D4.800™, D6.1200™, and D5.1300. AudioControl’s DM Smart DSP app allows complete control over 30 bands of EQ, signal delay, phase correction and well known features like patented AccuBASS®, GTO™ Signal Sense and MILC™, plus an integrated input and output RTA.

### MATRIX DSP AMPLIFIERS

<table>
<thead>
<tr>
<th>Model</th>
<th>Channels</th>
<th>Speaker Level Inputs</th>
<th>Continuous Power (RMS) at 14.4V</th>
<th>S/N Ratio (ref: rated power)</th>
<th>THD+N</th>
<th>Linkwitz-Riley Crossover</th>
<th>Bass Processing</th>
<th>Pass Thru</th>
<th>Option Port</th>
<th>Remote Level Control</th>
</tr>
</thead>
<tbody>
<tr>
<td>D-6.1200</td>
<td>6 8</td>
<td>125W @ 4Ω, 200W @ 2Ω, 400W Bridged (4Ω)</td>
<td>NA</td>
<td>102 dBA</td>
<td>&lt;0.01%</td>
<td>Low Pass; Band Pass; High Pass</td>
<td>20 Hz - 20 kHz</td>
<td>AccuBASS</td>
<td>Y</td>
<td>Y (optional)</td>
</tr>
<tr>
<td>D-5.1300</td>
<td>5 8</td>
<td>125W @ 4Ω, 200W @ 2Ω, 400W Bridged (4Ω)</td>
<td>350W @ 4Ω, 500W @ 2Ω</td>
<td>102 dBA</td>
<td>&lt;0.01%</td>
<td>Low Pass; Band Pass; High Pass</td>
<td>20 Hz - 20 kHz</td>
<td>AccuBASS</td>
<td>Y</td>
<td>Y (optional)</td>
</tr>
<tr>
<td>D-4.800</td>
<td>4 6</td>
<td>125W @ 4Ω, 200W @ 2Ω, 400W Bridged (4Ω)</td>
<td>NA</td>
<td>102 dBA</td>
<td>&lt;0.01%</td>
<td>Low Pass; Band Pass; High Pass</td>
<td>20 Hz - 20 kHz</td>
<td>AccuBASS</td>
<td>Y</td>
<td>Y (optional)</td>
</tr>
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</table>

### MULTI-CHANNEL AMPLIFIERS

<table>
<thead>
<tr>
<th>Model</th>
<th>Channels</th>
<th>Speaker Level Inputs</th>
<th>Continuous Power (RMS) at 14.4V</th>
<th>S/N Ratio (ref: rated power)</th>
<th>THD+N</th>
<th>Linkwitz-Riley Crossover</th>
<th>Bass Processing</th>
<th>Pass Thru</th>
<th>Option Port</th>
<th>Remote Level Control</th>
</tr>
</thead>
<tbody>
<tr>
<td>LC-6.1200</td>
<td>6 8</td>
<td>125W @ 4Ω, 200W @ 2Ω, 400W Bridged (4Ω)</td>
<td>NA</td>
<td>102 dBA</td>
<td>&lt;0.01%</td>
<td>Low Pass; Band Pass; High Pass</td>
<td>30 Hz - 5 kHz</td>
<td>AccuBASS</td>
<td>Y</td>
<td>ACR-1 (optional)</td>
</tr>
<tr>
<td>LC-5.1300</td>
<td>5 8</td>
<td>125W @ 4Ω, 200W @ 2Ω, 400W Bridged (4Ω)</td>
<td>350W @ 4Ω, 500W @ 2Ω</td>
<td>102 dBA</td>
<td>&lt;0.01%</td>
<td>Low Pass; Band Pass; High Pass</td>
<td>30 Hz - 5 kHz</td>
<td>AccuBASS</td>
<td>N</td>
<td>ACR-1 (optional)</td>
</tr>
<tr>
<td>LC-4.800</td>
<td>4 6</td>
<td>125W @ 4Ω, 200W @ 2Ω, 400W Bridged (4Ω)</td>
<td>NA</td>
<td>102 dBA</td>
<td>&lt;0.01%</td>
<td>Low Pass; Band Pass; High Pass</td>
<td>30 Hz - 300 Hz</td>
<td>AccuBASS</td>
<td>Y</td>
<td>ACR-1 (optional)</td>
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</tbody>
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### SUBWOOFER AMPLIFIERS

<table>
<thead>
<tr>
<th>Model</th>
<th>Channels</th>
<th>Speaker Level Inputs</th>
<th>Continuous Power (RMS) at 14.4V</th>
<th>S/N Ratio (ref: rated power)</th>
<th>THD+N</th>
<th>Linkwitz-Riley Crossover</th>
<th>Subsonic Filter</th>
<th>Bass Processing</th>
<th>Remote Level Control</th>
</tr>
</thead>
<tbody>
<tr>
<td>LC-1.1500</td>
<td>1 2</td>
<td>850W @ 4Ω, 1500W @ 2Ω</td>
<td>102 dBA</td>
<td>&lt;0.1%</td>
<td>Low Pass</td>
<td>30 Hz - 230 Hz</td>
<td>24 Hz</td>
<td>AccuBASS®</td>
<td>ACR-1 (optional)</td>
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<tr>
<td>LC-1.800</td>
<td>1 2</td>
<td>500W @ 4Ω, 800W @ 2Ω</td>
<td>102 dBA</td>
<td>&lt;0.1%</td>
<td>Low Pass</td>
<td>30 Hz - 230 Hz</td>
<td>24 Hz</td>
<td>AccuBASS®</td>
<td>ACR-1 (optional)</td>
</tr>
</tbody>
</table>

Featuring OEM integration friendly features such as channel summing and our patented AccuBASS®, AudioControl LC series multi-channel amplifiers have changed the game in OEM integration, offering flexible crossovers, user friendly signal routing and control. Spend less time on the install and more time listening to music as it was meant to be heard.

AudioControl has paired our award winning amplifier technology with powerful Matrix Digital Signal Processing into the D4.800™, D6.1200™, and D5.1300. AudioControl’s DM Smart DSP app allows complete control over 30 bands of EQ, signal delay, phase correction and well known features like the patented AccuBASS® circuit - the only way to properly overcome factory bass roll-off and heavily equalized factory bass settings.

No matter the install, you can be assured power will meet and exceed expectations with the LC-1.1500™ and LC-1.800™.

Enjoy loud, clean and articulate bass, combined with AudioControl’s patented AccuBASS® circuit - the only way to properly overcome factory bass roll-off and heavily equalized factory bass settings.
**ACM MICRO AMPLIFIERS**

ACM series amplifiers by AudioControl are the perfect blend of power and features for car audio systems from mild to wild. Compact size, high power and the ability to help integrate with factory stereo systems are features that assure “Making Good Sound Great” can happen in any installation. Reversible cover plates allow flexible mounting options when paired with AudioControl DM Series Processors or when using multiple ACM series amplifiers in confined spaces.

### ACM-4.300
- **Channels:** 4
- **Speaker Level Inputs:** 4
- **Continuous Power (RMS at 14.4V):** 50W @ 4Ω, 75W @ 2Ω, 150W @ 4Ω Bridged
- **S/N Ratio (ref: rated power):** 102 dBa
- **THD+N:** <0.01%
- **Frequency Response:** 20 Hz to 20 kHz High Pass
- **Linkwitz-Riley X-over:** 80 Hz, 120 Hz Bypass
- **Subsonic Filter:** 32 Hz
- **AccuBASS:** 32 Hz
- **Remote Level Control:** N

### ACM-2.300
- **Channels:** 2
- **Speaker Level Inputs:** 2
- **Continuous Power (RMS at 14.4V):** 75W @ 4Ω, 150W @ 2Ω
- **S/N Ratio (ref: rated power):** 102 dBa
- **THD+N:** <0.01%
- **Frequency Response:** 20 Hz to 20 kHz High Pass
- **Linkwitz-Riley X-over:** 80 Hz, 120 Hz Bypass
- **Subsonic Filter:** 32 Hz
- **AccuBASS:** 32 Hz
- **Remote Level Control:** N

### ACM-1.300
- **Channels:** 1
- **Speaker Level Inputs:** 1
- **Continuous Power (RMS at 14.4V):** 175W @ 4Ω, 300W @ 2Ω
- **S/N Ratio (ref: rated power):** 102 dBa
- **THD+N:** <0.01%
- **Frequency Response:** 20 Hz to 20 kHz Low Pass
- **Linkwitz-Riley X-over:** 80 Hz, 120 Hz Bypass
- **Subsonic Filter:** 24 Hz
- **AccuBASS:** 24 Hz
- **Remote Level Control:** Y

**BASS RESTORATION PROCESSORS**

For more than twenty-five years, AudioControl’s The Epicenter® has been the most sought after bass restoration processor on the planet. The Epicenter contains a bass maximization circuit that accurately recreates and injects low frequency information back into the signal path. This means The Epicenter will give more low frequency bass impact to your favorite music.

### THE EPICENTER
- **Speaker Level Inputs:** NA
- **Preamp Inputs:** 2
- **Aux Input:** N
- **Preamp Outputs:** 2
- **S/N Ratio:** 110 dB
- **THD:** 0.003%
- **Subsonic Filter (programmable):** 33 Hz
- **Maximum Output Level:** 13.5 Vrms
- **Remote Level Control:** ACR-1 (included)

### THE EPICENTER PLUS
- **Speaker Level Inputs:** 2
- **Preamp Inputs:** 2
- **Aux Input:** Y
- **Preamp Outputs:** 2
- **S/N Ratio:** 110 dB
- **THD:** 0.003%
- **Subsonic Filter (programmable):** 33 Hz
- **Maximum Output Level:** 9.5 Vrms
- **Remote Level Control:** ACR-2 (included)

### THE EPICENTER INDASH
- **Speaker Level Inputs:** 2
- **Preamp Inputs:** 2
- **Aux Input:** N
- **Preamp Outputs:** 2
- **S/N Ratio:** 110 dB
- **THD:** 0.003%
- **Subsonic Filter (programmable):** NA
- **Maximum Output Level:** 13.5 Vrms
- **Remote Level Control:** NA
AudioControl’s in-dash equalizers are true audiophile quality products in a half-din chassis. Using an aftermarket head unit, tablet or any other source with analog outputs, compensate for the acoustics of the vehicle, and recapture the excitement and vibrancy of concerts. Auxiliary inputs allow connection of a second source.

AudioControl’s in-dash equalizers are true audiophile quality products in a half-din chassis. Using an aftermarket head unit, tablet or any other source with analog outputs, compensate for the acoustics of the vehicle, and recapture the excitement and vibrancy of concerts. Auxiliary inputs allow connection of a second source.

**MODEL** | **Preamp Inputs** | **Preamp Outputs** | **S/N Ratio** | **THD** | **Frequency Response** | **Subsonic Filter** | **Maximum Output Level** | **Remote Level Control**
--- | --- | --- | --- | --- | --- | --- | --- | ---
**MATRIX PLUS** | 6 | 6 | > 110 dB | 0.005% | 10 Hz - 100 kHz | 33 Hz | 24 dB | NA (optional)
**OVERDRIVE PLUS** | 2 | 2 | > 110 dB | 0.005% | 10 Hz - 100 kHz | NA | 24 dB | ACR-1 (optional)

**DQDX** | NA | 6 | 6 | NA | 0.01% | 20 Hz - 22 kHz | 33 Hz | 7.5 Vrms | ACR-3 (included)
**EQS** | 4 | 6 | 6 | 110 dB | 0.003% | 10 Hz - 100 kHz | NA | 9.5 Vrms | NA
**EQX** | 2 | 2 | 8 | 110 dB | 0.003% | 10 Hz - 20 kHz | 33 Hz | 7.5 Vrms | NA
**EQL** | 2 | 2 | 2 | 110 dB | 0.003% | 10 Hz - 20 kHz | 33 Hz | 7.5 Vrms | NA

**THREE.2** | 2 | Y | 6 | 110 dB | 0.01% | 20 Hz - 20 kHz | Low Pass | 24 dB/oct | 9.5 Vrms

**ELECTRONIC Crossovers**

Clean, crisp, smooth sound without distortion — that is what you get with an AudioControl electronic crossover. Advanced programmable and steep slope filtering trims frequencies to minimize distortion and power waste. The result: complete, clear, and solid sound.

**MODEL** | **Preamp Inputs** | **Preamp Outputs** | **S/N Ratio** | **THD** | **Frequency Response** | **Linkwitz-Riley Crossover** | **Subsonic Filter** | **Maximum Output Level** | **Remote Level Control**
--- | --- | --- | --- | --- | --- | --- | --- | --- | ---
**6XS** | 6 | 8 | > 110 dB | 0.005% | 10 Hz - 100 kHz | Low Pass | 24 dB/oct | 18 dB/oct | 33 Hz | 9.5 Vrms | ACR-1 (optional)
**2XS** | 2 | 4 | > 115 dB | 0.005% | 15 Hz - 20 kHz | Low Pass | 18 dB/oct | 33 Hz | 9.5 Vrms | NA
**Audio Measurements Tools**

<table>
<thead>
<tr>
<th>AUDIO INTERFACES</th>
<th>Inputs</th>
<th>Outputs</th>
</tr>
</thead>
<tbody>
<tr>
<td>DM-RTA</td>
<td>XLR, TRS, RCA, Spkr Lvl</td>
<td>TRS, RCA, Digital</td>
</tr>
<tr>
<td>DM-RTA BASE KIT</td>
<td><strong>Includes</strong>: Hard Case, Test Leads, USB A to A, 12V Power Supply</td>
<td></td>
</tr>
<tr>
<td>DM-RTA PRO KIT</td>
<td><strong>Includes</strong>: Hard Case, DM-RTA, AC-BT24, CM-10, XLR cable, USB A to A Test Leads, 12V Power Supply</td>
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**Measurement Microphones**

<table>
<thead>
<tr>
<th>Type</th>
<th>Polar Pattern</th>
<th>Max SPL</th>
<th>Freq. Response</th>
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<tbody>
<tr>
<td>CM-10</td>
<td>Condenser</td>
<td>Omni</td>
<td>136 dB</td>
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<tr>
<td>CM-20</td>
<td>Condenser</td>
<td>Omni</td>
<td>105 dB</td>
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<tr>
<td>CS500H</td>
<td>Condenser</td>
<td>Omni</td>
<td>135 dB</td>
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**iOS Measurement Microphones**

<table>
<thead>
<tr>
<th>Type</th>
<th>Max SPL</th>
<th>Audio Output</th>
<th>Charging Pass Thru</th>
<th>Connection Type</th>
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<tbody>
<tr>
<td>SA-4100i</td>
<td>120 dB</td>
<td>N</td>
<td>N</td>
<td>Lightning</td>
</tr>
<tr>
<td>SA-4140i</td>
<td>140 dB</td>
<td>Y</td>
<td>Y</td>
<td>Lightning</td>
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**Audio Interfaces**

<table>
<thead>
<tr>
<th>ACM COVER PLATE</th>
<th>ACM-5.600</th>
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**DASH REMOTES** (Remote Level and Programming Controls)

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<tr>
<th>Style</th>
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</thead>
<tbody>
<tr>
<td>ACR-1</td>
<td>270° Potentiometer</td>
</tr>
<tr>
<td>ACR-2</td>
<td>Endless Rotary Encoder</td>
</tr>
<tr>
<td>ACR-3</td>
<td>Endless Rotary Encoder</td>
</tr>
</tbody>
</table>

**Option Port Accessories**

For products with the Option Port

- **AC-BT24**
  - BLUETOOTH® Audio Streamer & Programmer (with aptX™ support).

**Load Resistors**

- AC-LGD
- AC-LGD 20
- AC-LGD 60

**ACCESSORIES**

Combine the ACM-4.300 and ACM-1.300 under the **ACM-5.600** Cover Plate for a powerful 5 five channel micro amplifier.

Unleash the power of your DSP or DSP Amp with the AC-BT24 Bluetooth® HD Audio Streamer & Programmer (with aptX™ support).

AC-LGDs generate load & stabilize the factory amp signal. Choose from three resistive loads to ensure seamless integration with your OEM sound system.

AudioControl offers a range of measurement microphones. These microphones make a perfect addition to the DM-RTA and the DM-RTA app comes preloaded with calibration presets for the CM-10, CM-20 and CS500H.

The SA-4100i and SA-4140i SPL are calibrated, full range, omnidirectional test and measurement microphones for direct connection to iOS devices. The free Mobile Tools app gives you RTA, FFT and more.

**MAKE SOME NOTES!**