



2023

AudioControl®

Making Good Sound Great™



The Pacific Northwest is a music and tech nirvana*. A region known for cool sound and earth-shattering innovation. Maybe it's something in the water. That could explain AudioControl's award-dotted 40 plus year history of designing and building superb audio equipment from scratch.

We're not big, nor are we that small. Just a group of obsessive audio experts—including some of the best engineers on the planet—making audio tools for people who love amazing sound, no matter if that love is new or longstanding. We believe passionately that great sound can elevate your mood, induce happiness and leave you smiling without even knowing why; can make you feel alive and appreciate each and every moment. Give us a listen. It could change your outlook—and your life.

* Note: any puns are completely intentional

Contents

Integration p.4

Factory System Upgrades / p.6
Digital Signal Processors / p.8
DSP Accessories / p.9

Power Amplifiers p.10

D Series Matrix DSP Amps / p.12
LC Series / p.14
ACM Series / p.16

All-Weather Series p.18

ACX Amplifiers / p.20
ACX Processors / p.22
ACX Accessories / p.23

Digital Bass Restoration p.24

The Epicenter / p.26

Other Stuff p.28

Line Drivers / p.28
In-Dash Processors / p.28
Bluetooth® Receivers / p.29
Test & Measure / p.30
Dash Remotes / p.31
Load Generating Devices / p.32

Subwoofers p.34

Spike Series / p.36
Space Series / p.38



INTEGRATION

Maximum Processing, With Minimal Effort

FACTORY SYSTEM UPGRADE

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.

MODEL	Speaker Level Inputs	Line Level Inputs	Channel Summing	AUX Input	Preamp Outputs	GTO™ Signal Sense	Frequency Response	Signal Delay	EQ	Accu-BASS®	Maximum Power Level	Remote Level Control
DQ-61	6	NA	Y	N	6	Y	10 Hz - 22 kHz	Y	Y	Y	7.5 Vrmsl	ACR-3 included
LCQ-1	6	NA	Y	N	6	Y	10 Hz - 22 kHz	N	Y	Y	7.5 Vrmsl	ACR-2 included
LC8i	8	2 (AUX)	Y	Y	8	Y	10 Hz - 22 kHz	N	N	N	8.5 Vrmsl	ACR-3 included
LC7i	6	NA	Y	N	6	Y	10 Hz - 22 kHz	N	N	Y	8.5 Vrmsl	ACR-1 included
LC6i	6	NA	Y	N	6	Y	10 Hz - 22 kHz	N	N	N	9.5 Vrmsl	ACR-1 included
LC2i	2	NA	N	N	4	Y	33 Hz - 100 kHz	N	N	Y	9.5 Vrmsl	ACR-1 included
LC1i	2	2	N	N	2	Y	20 Hz - 50 kHz	N	N	N	9.5 Vrmsl	NA

Our most advanced line of LOCs yet. OEM integration has never been easier with the host of intelligent built-in features like LMC™ (Load Matching Circuit), allowing even the most finicky factory sound systems to no longer be an obstacle to great sound. All PRO series products feature AudioContol’s patented AccuBASS® for restoring low frequency output diminished by factory processing, and an ACR-1 level control.

MODEL	Speaker Level Inputs	Line Level Inputs	Mac Input Handling (20kohm)	Load Selection Settings	Trigger Modes	Preamp Outputs		Max Output Level	Frequency Response	THD	Signal to Noise	Accu-BASS®	Remote Level Control
						Main	Bass						
LC2i PRO	2	NA	40 Volts (400 Watts)	20 ohms 60 ohms 20 kohms	GTO™ Signal Sense Audio Sense Remote 12V Input	2	2	9.5 Vrms	20 Hz - 50 kHz	0.01%	>110dB	Y	ACR-1 included



DQ-61
6 Channel Line Out Converter with Signal Delay Eq and Accubass®



LCQ-1
6 Channel Line Out Converter with Eq and Accubass®



LC8i
8 Channel Line Out Converter with Auxiliary Input



LC7i
6 Channel Line Out Converter with Accubass®



LC6i
6 Channel Line Out Converter



LC2i
2 Channel Line Out Converter with Accubass® and Subwoofer Control



LC2i PRO
2 Channel Line Out Converter with Accubass® and Subwoofer Control



LC1i
2 Channel Line Out Converter and Line Driver

DSP / PROCESSORS

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 RTAs aid in channel summing and equalization. Connect the optional AC-BT24 for Bluetooth® HD audio streaming and programming.



DM-810 Premium 8 input 10 output DSP matrix processor
DM-608 Premium 6 input 8 output DSP matrix processor

- Input and Output RTA for precise and informed tuning
- GTO™ Signal Sensing
- MILC™ Clip Detection
- AccuBASS®
- Signal Summing
- Signal Delay
- 12 and 24 dB/octave crossovers
- 30 band equalizer
- Optional ACR-3 remote for preset recall and level control
- Optional AC-BT24 Bluetooth Streamer/Programmer
- DM-Smart DSP app available for Mac, PC, Android and iOS

MODEL	Speaker Level Inputs	Preamp Inputs	Digital Inputs	Preamp Outputs	Channel Summing	GTO™ Signal Sense	THD	Frequency Response	AccuBASS	Remote Level Control	Option Port
DM-810	8	8	1 x S/PDIF 1 x Optical	10	Y	Y	0.01%	20 Hz - 24 kHz	Y	ACR-3 (optional)	Y
DM-608	6	6	1 x S/PDIF 1 x Optical	8	Y	Y	0.01%	20 Hz - 24 kHz	Y	ACR-3 (optional)	Y



DQDX

Premium 6 input 8 output
DSP matrix processor

- Free iOS Mobile Tools app with DQ-61 Delay module
- User-friendly Signal Delay to control the acoustical alignment between the left and right channels plus the front and subwoofer channels
- Individual equalization controls for the front, rear and subwoofer channels for simple yet precise system tuning
- Fully adjustable 24dB/Octave Linkwitz-Riley electronic crossover
- PFM (Program Frequency Match) Subsonic Filter
- Six channels of RCA line level inputs
- ACR-3 Dash Control Remote allows for control of the subwoofer level plus processing bypass
- Discrete Input and Output level controls with clipping indicators
- Remote turn on output provides a 12-volt trigger to turn on your amplifier
- Built-in Pink Noise for easy Signal Delay and Equalizer tuning and system setup

DSP / Accessories

AudioControl's industry leading experience in signal processing combined with specially designed 24-bit DSP's (digital signal processors) offers music enthusiasts the ultimate audio experience. Features like precise equalization, adjustable crossovers, signal delay, signal summing/distribution and AccuBASS® make AudioControl's Digital Mobile Audio Processors top-of-the-line performers.

AC-BT24- Bluetooth® HD Audio Streamer & Programmer



The AC-BT24 enables high definition Bluetooth® audio streaming (aptX HD support) and programming for AudioControl DSP products featuring the Option Port. Stream hires audio directly to DM Series DSPs, D Series amplifiers, or connect via Bluetooth and the DM Smart DSP app for initial programming and setup. The AC-BT24 also allows for wireless control of the AudioControl DM-RTA via the DM-RTA app for iOS and Android.

- High Definition Low-Latency Audio Streaming
- aptXTM HD Support
- 24 bit / 48 kHz Audio Streaming from Devices with aptX Codec
- Wireless DSP Programming via DM Smart DSP™ app for iOS/Android
- Simultaneous Audio Streaming and DSP Programming
- Compatible with: DM-810, DM-608, D-6.1200, D-4.800, D-5.1300, DM-RTA

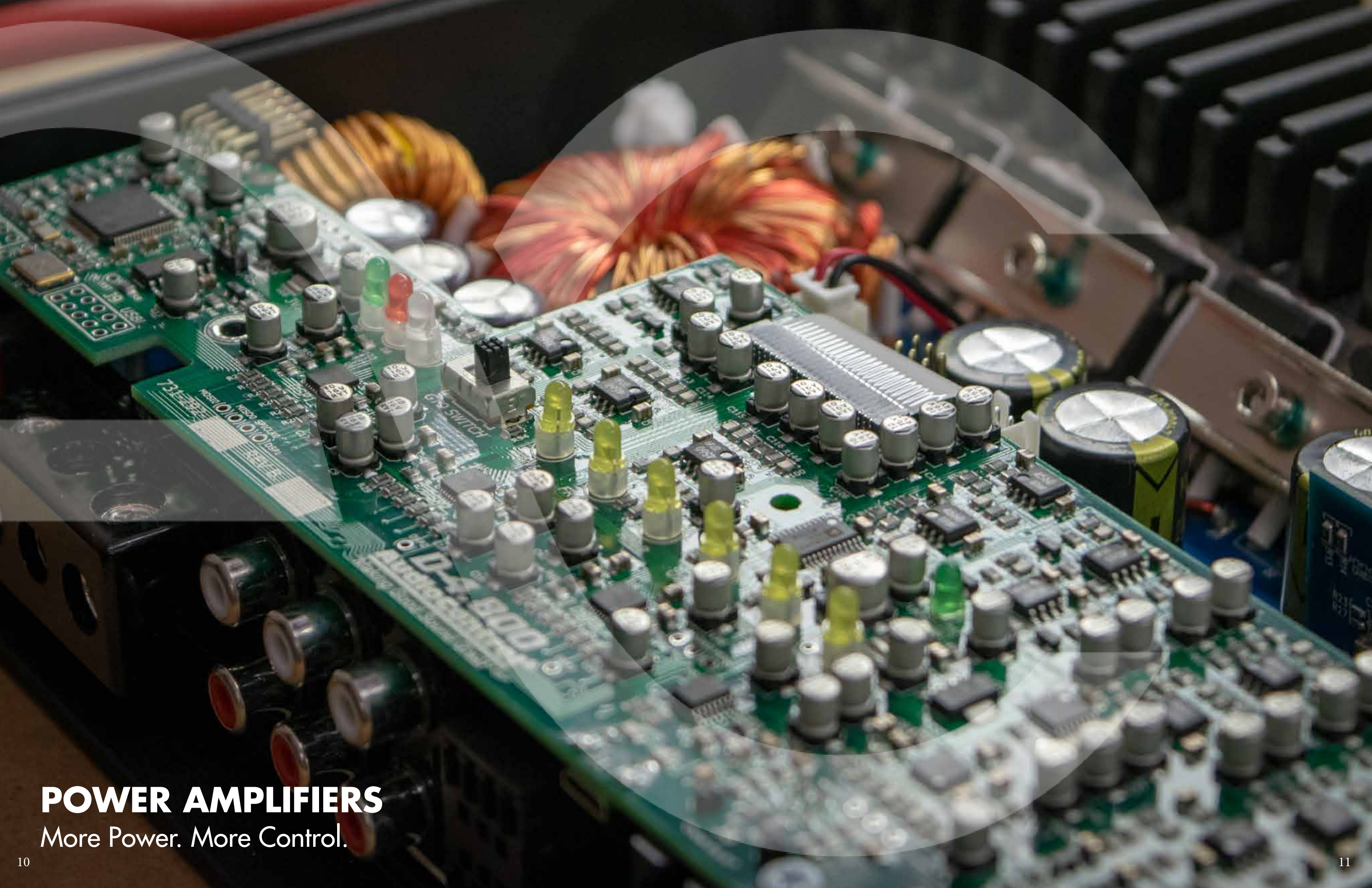
ACR-3- Dash Remote for DM-810, DM-608 & DQDX



Add remote level control for your AudioControl processor or amplifier. This is the replacement remote for the LC8i, DQ-61, DQDX and D series DSP amplifiers. Comes with a 20 foot cable and removable mounting enclosure (for custom dash installations).

COMPATIBLE WITH:

- LC8i
- D-4.800
- D-5.1300
- D-6.1200
- DM-608
- DM-810
- DQ-61
- DQDX



POWER AMPLIFIERS

More Power. More Control.



D SERIES / Matrix DSP Amplifiers

More power. More Control.

AudioControl has paired our award winning amplifier technology with our powerful Matrix DSP into the D-4.800, D-6.1200 and D-5.1300 amplifiers. These single unit solutions provide unprecedented power and tuning flexibility when you require audio perfection from your factory or after market sound system. Using AudioControl's DM Smart DSP app allows complete control over all features including 30 bands of equalization, signal time-alignment, and phase correction, AudioControl proprietary features like AccuBASS®, GTO™ Signal Sense, and MILC™ plus integrated input and output RTA's.

MODEL	Channels	Inputs	Continuous Power (RMS) at 14.4V	S/N Ratio (ref: rated power)	THD+N	Linkwitz-Riley / Butterworth X-over (selectable)			Bass Processing	Pass Thru	Dash Remote
						Mode	Slope	Settings			
D-6.1200	6	8	125W @ 4Ω 200W @ 2Ω 400W @ 4Ω Bridged	102 dBa	<0.01%	Low Pass Band Pass High Pass	24dB/oct 18dB/oct 12dB/oct	20 Hz- 20kHz	AccuBASS	Y	ACR-3 optional
D-5.1300	5	6	350W x1 @4ohms 500W x1 @ 2ohms	102 dBa	<0.01%	Low Pass Band Pass High Pass	24dB/oct 18dB/oct 12dB/oct	20 Hz- 20kHz	AccuBASS	Y	ACR-3 optional
D-4.800	4	4	125W @ 4Ω 200W @ 2Ω 400W @ 4Ω Bridged	102 dBa	<0.01%	Low Pass Band Pass High Pass	24dB/oct 18dB/oct 12dB/oct	20 Hz- 20kHz	AccuBASS	Y	ACR-3 optional

MATRIX DSP / Power Amplifiers



D-6.1200

- Built-in DSP
- Configurable as 6/5/4/3 channel amplifier
- 6 x 200 watts @ 2 ohms
- 6 x 125 watts @ 4 ohms
- 400 watts @ 4 ohms bridged (ch 1-6)
- AccuBASS® Processing
- MILC™ Maximum Input Level Control (Patent Pending)
- GTO™ Signal Sense
- Summable active speaker-level inputs (8 channels) for OEM integration
- 6 preamp inputs
- 2 assignable preamp outputs
- Solid One-Piece Aluminum Chassis
- Input and Output RTA for precise and informed tuning
- Output Delay
- 12 and 24 dB/octave Linkwitz-Riley crossovers
- 18dB/octave Butterworth crossover
- Choice of 10 band parametric, 14 band graphic, or 30 band graphic EQ per output channel
- Optional AC-BT24 Bluetooth Streamer/ Programmer
- DM-Smart DSP app available for Mac, PC, Android and iOS

D-5.1300

- Built-in DSP
- Configurable as 5/4/3 channel amplifier
- 4 x 200 watts + 1 x 500 watts @ 2 ohms
- 4 x 100 watts + 1 x 300 watts @ 4 ohms
- 400 watts @ 4 ohms bridged (ch 1-4)
- AccuBASS® Processing
- MILC™ Maximum Input Level Control (Patent Pending)
- GTO™ Signal Sense
- Summable active speaker-level inputs (8 channels) for OEM integration
- 6 preamp inputs
- 2 assignable preamp outputs
- Solid One-Piece Aluminum Chassis
- Input and Output RTA for precise and informed tuning
- Output Delay
- 12 and 24 dB/octave Linkwitz-Riley crossovers
- 18dB/octave Butterworth crossover
- Choice of 10 band parametric, 14 band graphic, or 30 band graphic EQ per output channel
- Optional AC-BT24 Bluetooth Streamer/ Programmer
- DM-Smart DSP app available for Mac, PC, Android and iOS

D-4.800

- Built-in DSP
- Configurable as 4/3/2 channel amplifier
- 4 x 200 watts @ 2 ohms
- 4 x 125 watts @ 4 ohms
- 400 watts @ 4 ohms bridged (ch 1-4)
- AccuBASS® Processing
- MILC™ Maximum Input Level Control (Patent Pending)
- GTO™ Signal Sense
- Summable active speaker-level inputs (6 channels) for OEM integration
- 4 preamp inputs
- 2 assignable preamp outputs
- Solid One-Piece Aluminum Chassis
- Input and Output RTA for precise and informed tuning
- Output Delay
- 12 and 24 dB/octave Linkwitz-Riley crossovers
- 18dB/octave Butterworth crossover
- 30 band equalizer
- Optional AC-BT24 Bluetooth Streamer/ Programmer
- DM-Smart DSP app available for Mac, PC, Android and iOS
- Choice of 10 band parametric, 14 band graphic, or 30 band graphic EQ per output channel

LC SERIES / Multi-Channel Amplifiers

High-Power, Multi-Channel Amps with AccuBASS®

With OEM integration friendly features such as signal summing and our patented AccuBASS®, AudioControl's multi-channel and subwoofer amplifiers are changing the game in OEM integration, offering flexible and 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.

MODEL	Channels	Inputs	Continuous Power (RMS) at 14.4V	Sub Output	S/N Ratio (ref: rated power)	THD+N	Linkwitz-Riley X-Over		Bass Processing	Pass Thru	Dash Remote
							Mode	Freq			
LC-6.1200	6	8	125W @ 4 ohms 200W @ 2 ohms 400W @ 4 ohms Bridged	NA	102 dBa	<0.01%	Low Pass Band Pass High Pass	30 Hz- 5kHz	AccuBASS	Y	ACR-1 optional
LC-5.1300	5	8	350W x1 @4 ohms 500W x1 @ 2 ohms	300W @ 4 ohms 500W @ 2 ohms	102 dBa	<0.01%	Low Pass Band Pass High Pass	30 Hz- 5kHz	AccuBASS	N	ACR-1 optiona
LC-8.400	4	6	125W @ 4 ohms 200W @ 2 ohms 400W @ 4 ohms Bridged	NA	102 dBa	<0.01%	Low Pass Band Pass High Pass	30 Hz 300kHz	AccuBASS	Y	ACR-1 optional

LC SERIES / Subwoofer Amplifiers

High-Power Mono Subwoofer Amplifiers with AccuBASS®

When you demand the perfect blend of power and performance, AudioControl provides answers and the LC Amplifiers are no exception. No matter the install, you can be assured power will meet and exceed expectations. The mix of high level and low level inputs means that you have the widest input voltage range in the industry. AudioControl's patented AccuBASS® circuit is the only way to properly overcome factory bass roll-off and heavily equalized factory bass settings. Enjoy loud, clean and articulate bass.

MODEL	Speaker Level Input	Line Level Inputs	Continuous Power (RMS) at 14.4V	Maximum Input Voltage	S/N Ratio (ref: rated power)	THD+N	Linkwitz-Riley X-Over	X-over Frequency	Bass Processing	PFM Subsonic Filter Non-Defeatable	Dash Remote
LC-1.1800	2	2	500W @ 4 ohms 800W @ 2 ohms	500 mV - 6 Vrms	102 dBa	<0.01%	Low Pass	30Hz - 230Hz variable	AccuBASS	24 Hz	ACR-1 optional
LC-1.1500	2	2	850W @ 4 ohms 1500W @ 2 ohms	500 mV - 6 Vrms	102 dBa	<0.01%	Low Pass	30Hz - 230Hz variable	AccuBASS	24 Hz	ACR-1 optional



LC-6.1200

- Configurable as 6/5/4/3/2 channel amplifier
- 6 x 200 watts @ 2 ohms
- 6 x 125 watts @ 4 ohms
- 400 watts @ 4 ohms bridged (ch 1-6)
- AccuBASS® Processing
- MILC™ Maximum Input Level Control (Patent Pending)
- GTO™ Signal Sense
- 3-way Independent Linkwitz-Riley Alignment crossovers
- Summable active speaker-level inputs (8 channels) for OEM integration
- 6 preamp inputs
- 2 preamp outputs
- PFM Subsonic Filter
- Solid One-Piece Aluminum Chassis



LC-5.1300

- Configurable as 5 or 3 channel amplifier
- 4 x 200 watts + 1 x 500 watts @ 2 ohms
- 4 x 100 watts + 1 x 300 watts @ 4 ohms
- 400 watts @ 4 ohms bridged (ch 1-4)
- AccuBASS® Processing
- MILC™ Maximum Input Level Control (Patent Pending)
- GTO™ Signal Sense
- 3-way Independent Linkwitz-Riley Alignment crossovers
- Summable active speaker-level inputs (8 channels) for OEM integration
- 6 preamp inputs
- PFM Subsonic Filter
- Solid One-Piece Aluminum Chassis



LC-4.800

- Configurable as 4/3/2 channel amplifier
- 4 x 200 watts @ 2 ohms
- 4 x 125 watts @ 4 ohms
- 400 watts @ 4 ohms bridged (ch 1-4)
- AccuBASS® Processing
- MILC™ Maximum Input Level Control (Patent Pending)
- GTO™ Signal Sense
- Independent Linkwitz-Riley Alignment crossovers
- Summable active speaker-level inputs (6 channels) for OEM integration
- 4 preamp inputs
- 2 preamp outputs
- PFM Subsonic Filter
- Solid One-Piece Aluminum Chassis



LC-1.800

- 800 watts @ 2 ohms
- 500 watts @ 4 ohms
- AccuBASS® Processing
- MILC™ Maximum Input Level Control (Patent Pending)
- GTO™ Signal Sense
- 24 dB/octave Linkwitz-Riley Alignment crossover
- Speaker level and preamp inputs
- Solid One-Piece Aluminum Chassis



LC-1.1500

- 1500 watts @ 2 ohms
- 850 watts @ 4 ohms
- AccuBASS® Processing
- MILC™ Maximum Input Level Control (Patent Pending)
- GTO™ Signal Sense
- 24 dB/octave Linkwitz-Riley Alignment crossover
- Speaker level and preamp inputs
- Solid One-Piece Aluminum Chassis

ACM SERIES / Multi-Channel Amplifiers

Maximum Power, Minimal Space

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. Once again AudioControl comes to the rescue, combining features and benefits needed to assure audio euphoria in an automotive setting, allowing the enthusiast to hear music as it was meant to be heard

MODEL	Chan-nels	Inputs		Continuous Power (RMS) at 14.4V	Maximum Input Voltage	S/N Ratio (ref: rated power)	THD+N	Frequency Response	Linkwitz-Riley X-Over (Selectable)	Accu-BASS®	PFM Sub-sonic Filter
		Speaker Level	Line Level								
ACM-4.300	4	4	4	50W @ 4 ohms 75W @ 2 ohms 150W @ 4 Ω Bridged	500 mV - 6 Vrms	102 dBa	<0.01%	10 Hz - 22 kHz	12 dB/octave 80 Hz /120Hz / Bypass	N	32 Hz
ACM-2.300	2	2	2	75W @ 4 ohms 150W @ 2 ohms 300W @ 4 Ω Bridged	500 mV - 6 Vrms	102 dBa	<0.01%	10 Hz - 22 kHz	12 dB/octave 80 Hz /120Hz / Bypass	N	32 Hz
ACM-1.300	1	1	1	175W @ 4 ohms 300W @ 2 ohms	500 mV - 6 Vrms	102 dBa	<0.01%	10 Hz - 22 kHz	12 dB/octave 80 Hz /120Hz / Bypass	Y	32 Hz



Build your own five channel micro amplifier! Combine the ACM-4.300 and ACM-1.300 under the ACM-5.600 Cover Plate for a powerful and compact five channel micro amplifier with the same flexible mounting options.

ACM-4.300



- 4 x 75 watts @ 2 ohms
- 4 x 50 watts @ 4 ohms
- 150 watts @ 4 ohms bridged
- GTO™ Signal Sense
- Active speaker-level inputs for OEM integration
- RCA Line Inputs
- Linkwitz-Riley Crossover
- Reversible Cover Plate

ACM-2.300

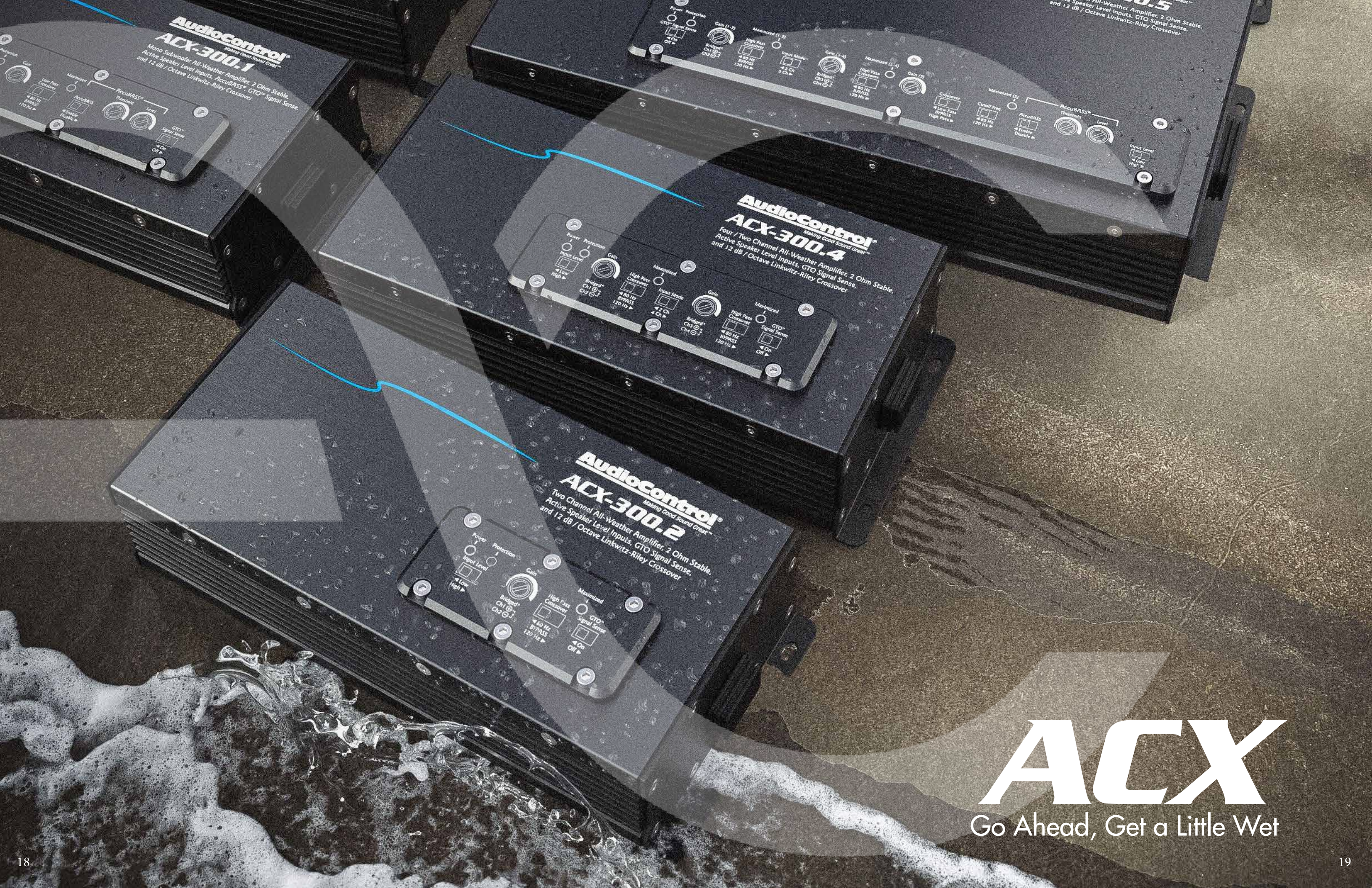


- 2 x 150 watts @ 2 ohms
- 2 x 75 watts @ 4 ohms
- 300 watts @ 4 ohms bridged
- GTO™ Signal Sense
- Active speaker-level inputs for OEM integration
- RCA Line Inputs
- Linkwitz-Riley Crossover
- Reversible Cover Plate

ACM-1.300



- 300 watts @ 2 ohms
- 175 watts @ 4 ohms
- AccuBASS® Processing
- GTO™ Signal Sense
- Active speaker-level inputs for OEM integration
- RCA Line Inputs
- Linkwitz-Riley Crossover
- Optional ACR remote level control
- Reversible Cover Plate



ACX
Go Ahead, Get a Little Wet



ALL-WEATHER / Amplifiers

Here in the Pacific Northwest, if you’re outside, chances are, you’re getting soaked by Rainforest-nourishing rain, drenched in salt spray from the Puget Sound, or muddied in the boggy trails of the Cascade Foothills. And if you’re passionate about audio, your music goes where you go. Don’t let extreme conditions get in the way of rocking to your favorite sound track on your next overland or seagoing adventure. AudioControl’s ACX All-Weather Amplifiers deliver honest power levels to the sound system in your boat, UTV, motorcycle, and more. The variety of multi-channel amplifier options in the ACX line-up gives you the flexibility to build the perfect system and ensure your open-air speakers deliver plenty of punch and clarity, all day long. Installer friendly, heavy gauge quick connect wiring makes installation quick and painless, making ACX amplifiers the perfect solution for your next adventure.

IPX6
RATED



Optional ACR-1 dash remote for subwoofer level control.



Quick connect wiring pigtails and male power connector included with all models.
*Included connectors will vary based on model.

ALL-WEATHER / Amplifiers

AudioControl ACX™ All-Weather Amplifiers are built tough from solid aluminum extrusions, sealed tight against the elements, and ready for your next adventure. Fully sealed quick-connect wiring, and a water-tight chassis add up to an IPX6 rating, ensuring ACX amplifiers deliver the pure, uninterrupted power AudioControl is known for.

- High Power Output from a Compact Chassis
 - IPX6 Rated
 - Bridgeable (Select Models)
 - AccuBASS® Bass Restoration (Select Models)
 - Optional Remote Level Control (Select Models)
- High/Low Input Modes
 - GTO™ Signal Sense
 - Linkwitz-Riley Crossovers
 - Installer Friendly Quick Connect Wiring



MODEL	Channels	Inputs	Continuous Power (RMS) at 14.4V	Maximum Input Voltage	S/N Ratio (ref: rated power)	THD+N	Frequency Response	Linkwitz-Riley X-Over		Accu-BASS	Remote Level Control
								Mode	Settings		
NEW ACX-600.6	6/5/4/3	6	50W @ 4 ohms 100W @ 2 ohms 200W @ 4Ω Bridged	Low: 500 mV - 6 Vrms High: 1 Vrms - 12 Vrms	102 dBa	<0.05%	26 Hz - 22 kHz	High Pass	80 Hz 120 Hz Bypass	N	NA
NEW ACX-650.5	5/4/3	5	50W @ 4 ohms + 200W @ 4 ohms 75W @ 2+ 350 @ 2Ω 150W @ 4Ω Bridged	Low: 500 mV - 6 Vrms High: 1 Vrms - 12 Vrms	102 dBa	<0.05%	26 Hz - 22 kHz	High Pass (ch1-4) Low Pass (ch5)	80 Hz 120 Hz Bypass	Y ch5 only	ACR-1 (optional)
NEW ACX-600.1	1	2	350W @ 4 ohms 600W @ 2 ohms	Low: 500 mV - 6 Vrms High: 1 Vrms - 12 Vrms	102 dBa	<0.05%	26 Hz - 20 kHz	Low Pass	80 Hz 120 Hz Bypass	Y	ACR-1 (optional)
NEW ACX-300.2	2	2	75W @ 4 ohms 150W @ 2 ohms 300W @ 4Ω Bridged	Low: 500 mV - 6 Vrms High: 1 Vrms - 12 Vrms	102 dBa	<0.05%	26 Hz - 22 kHz	High Pass	80 Hz 120 Hz Bypass	N	NA
ACX-300.4	2/4	4	50W @ 4Ω ohms 75W @ 2 ohms 150W @ 4Ω Bridged	Low: 500 mV - 6 Vrms High: 1 Vrms - 12 Vrms	102 dBa	<0.05%	26 Hz - 22 kHz	High Pass	80 Hz 120 Hz Bypass	N	NA
ACX-300.1	1	2	175W @ 4 ohms 300W @ 2 ohms	Low: 500 mV - 6 Vrms High: 1 Vrms - 12 Vrms	102 dBa	<0.05%	26 Hz - 22 kHz	Low Pass	80 Hz 120 Hz Bypass	Y	ACR-1 (optional)

ALL-WEATHER / Processors



IPX6
RATED

NEW

ACX-3.2- All-Weather Equalizer & Crossover With Paging Mic

The ACX-3.2 all-weather sound processor is a high-output pre-amp, for all systems on-road, off-road, or off-shore. The ACX-3.2 can serve as the main control unit in your audio system allowing you to control the output to all of your amplifiers. It features a 4-band graphic equalizer that can be used to tweak your system, depending upon your mood or music selection. The built-in crossover gives you the ability to separate high and low frequencies, and send them to the appropriate amplifier and speakers, maximizing the performance of your system. Adding an ACX-3.2 to your system gives you the assurance that your system can play longer, louder, and cleaner with less distortion.

The low-profile ACX-3.2 takes your experience to another level by combining all of its audio features with a PA microphone! If you are out on your boat ACX-3.2 allows you to play music and communicate with the person wakeboarding or tubing behind you. Own a food truck? This is great for playing music inside for the cooks, outside for the patrons, and allowing you the ability to call out an order number for a waiting customer.

The ACX-3.2 is a game changer, by offering a quality real-world solution for all of those unique installation needs. This multi-functional piece is part of our all-weather line-up making it the perfect solution for any adventure.

ALL-WEATHER / Accessories

ACX-BT1- Bluetooth® Streamer



IPX5
RATED

The AudioControl ACX-BT1 is the ultimate solution for giving your audio system Bluetooth connectivity. The ACX-BT1 features the latest Bluetooth 4.1 and aptX HD support, delivering 24-bit clarity, lower noise, faster initial connection and more reliable streaming from a greater distance. The ACX-BT1 is IPX5 rated for marine and motorsports applications, so it will withstand the rigors of all-weather conditions, including as a standalone (no head unit) solution common to side-by-sides, jet skis and more. Installers will appreciate the unique remote turn-on output circuit that triggers downstream amplifier(s) only when audio is being played over the Bluetooth connection.

- High Definition Low-Latency Audio Streaming
- aptX™ HD Support
- 24 bit / 48 kHz Audio Streaming from Devices with aptX Codec
- IPX5 rated enclosure
- In-line fuse

NEW

ACX-BT3- Bluetooth® Controller/Streamer



IPX6
RATED

The ACX-BT3 is an all-weather Bluetooth® receiver and 3-zone controller designed for the rigors of marine and powersports applications. Beyond an ordinary Bluetooth® receiver, the ACX-BT3 features three stereo RCA outputs and is a zone controller, providing quick access to volume control over 3 separate zones at the touch of a button. With the added flexibility of an auxiliary input, the ACX-BT3 is the perfect solution as a primary or secondary source for any audio system. aptX™ HD support coupled with robust 4 Vrms outputs provides the best possible audio quality.

Integrated mounting holes allow for easy custom installation to a dashboard, or other flat panel in a car, side-by-side, boat, or vehicle of your choice. And the all-weather ACX-BT3 is IPX6 rated against splashes, wind and spray, ensuring your music will play on wherever your next adventure takes you.

- High Definition Low-Latency Audio Streaming
- aptX™ HD Support
- 24 bit / 48 kHz Audio Streaming from Devices with aptX Codec
- IPX6 rated enclosure
- In-line fuse



All Blue
Powered on/in
BT audio mode



Blue w/White Glyph
AUX input mode



Blue w/Pink
Zone 1
volume adjust



Blue w/Green
Zone 2
volume adjust



Blue w/White
Zone 3
volume adjust

The backlighting on the ACX-BT3 offers a simple and clear method of communicating the unit's status. Simply tap the center button with the AC logo on it to switch between the 3 zone volume controls, or use the power/aux button to control on/off and AUX input modes.



DIGITAL BASS RESTORATION
The Only, The Only. The Epicenter.



EPICENTER / Bass Restoration Processors

For over 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, providing more low frequency bass impact to your favorite music.

MODEL	Speaker Level Inputs	Preamp Inputs	Aux Input	Preamp Outputs	SNR	THD	Subsonic Filter (default)	Maximum Output Level	Remote Level Control
EPICENTER	NA	2	N	2	110 dBa	0.03%	33 Hz (programmable)	13.5 Vrms	ACR-1 included
EPICENTER MICRO	2	2	N	2	105 dBa	0.03%	20Hz (defeat-able)	13.5 Vrms	ACR-4 included
EPICENTER IN-DASH	2	2	N	2	110 dBa	0.03%	NA	13.5 Vrms	NA



THE EPICENTER

Increase bass response from your vehicle’s audio system with The Epicenter Concert Series Digital Bass Restoration Processor by AudioControl. The Epicenter contains patented bass maximization circuitry that analyzes the incoming audio signal from your source unit, recreates missing bass tones, and transmits this low-frequency information back into the signal path to increase bass response. This digital bass restoration processor also features parametric bass control and a subsonic filter for fine tuning. Restore the earth-shaking power and heart-pounding bass your subwoofers crave.



THE EPICENTER MICRO

The Epicenter Micro combines AudioControl’s legendary digital bass restoration with world-renowned OEM integration capabilities. Featuring a speaker-level input stage with selectable impedance loads, as well as traditional line-level inputs, The Epicenter Micro brings out the best bass in any system. Trigger modes include traditional +12V remote in, GTO™ Signal Sense, and Audio Sense. The PFM Subsonic Filter can be bypassed for the truly dedicated, and the 10V+ output voltage setting beckons only the bravest among us. Use the included ACR-4 remote to independently adjust bass restoration and output level.



THE EPICENTER InDash

If you want the best bass possible and a way to measure how loud your system is playing, The Epicenter InDash car audio processor is the perfect product for you. The Epicenter InDash is an expert combination of the bass enhancement circuits along with a microphone and a 160-dB SPL (sound pressure level) display. The display will show real time SPL or hold the highest value so you can show your friends. It will also display voltage so you can monitor your vehicle’s electrical systems. With AudioControl’s unique Para-Bass equalization control, you select the frequency and bandwidth for the enhanced bass action. The Epicenter InDash car audio processor gives you great bass and a way to see the result.

PREAMP LINE DRIVERS / Matrix Plus

6 Channel Line Driver with Optional Level Control



Give your system the boost that it needs. The high headroom power supply of our line drivers raises any preamp signal up to 24 dB. This provides better dynamic range and a quiet, noise-free signal. Perfect for driving those long cable runs from the front to the back of the vehicle and achieving maximum sound quality and SPL. Adjust volume output from the comfort of the driver's seat with the optional ACR-1 remote.

- High signal voltage capability: 13 volts peak output
- PFM Subsonic filter
- 24dB of gain
- Six channels of input and output
- Balanced differential inputs
- Low-impedance outputs
- Optional Remote Level Control (ACR-1)
- Output level controls
- Ultra-low distortion, ultra-quiet operation
- Selectable ground isolation
- Optimum voltage indicator LED's
- Conformally Coated PCB for Increased Resistance to the Elements

MODEL	Preamp Inputs	Preamp Outputs	S/N Ratio	THD	Frequency Response	Subsonic Filter (programmable)	Maximum Output Gain	Maximum Output Level	Remote Level Control
MATRIX PLUS	6	6	> 110 dB	0.005%	10 Hz - 100 kHz	33 Hz	24 dB	9.5 Vrms 13v Peak	ACR-1 (optional)

IN-DASH PROCESSORS /THREE.2



AudioControl's Three.2 in-dash equalizer is a true audiophile quality product in a half-din chassis. Using an after-market 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	AUX Input	Preamp Outputs	S/N Ratio	THD	Frequency Response	Linkwitz-Riley Crossover (variable & defeatable, 30Hz-300Hz)		Maximum Output Level
							Outputs	Slope(s)	
THREE.2	2	Y	6	110 dB	0.01%	20 Hz - 22 kHz	Low Pass High Pass	24dB/oct	7.5 Vrms

BLUETOOTH® RECEIVERS

AC-BT24- Bluetooth® Audio Streamer & Programmer

The AC-BT24 enables high definition Bluetooth® audio streaming (aptX HD support) and programming for AudioControl DSP products featuring the Option Port. Stream Hi-Res audio directly to DM Series DSPs, D Series amplifiers, or connect via Bluetooth to the DM Smart DSP app for initial programming and setup. The AC-BT24 also allows for wireless control of the AudioControl DM-RTA via the DM-RTA app for iOS and Android.



- High Definition Low-Latency Audio Streaming
- aptXTM HD Support
- 24 bit / 48 kHz Audio Streaming from Devices with aptX Codec
- Wireless DSP Programming via DM Smart DSP™ app for iOS/Android
- Simultaneous Audio Streaming and DSP Programming
- Compatible with: DM-810, DM-608, D-6.1200, D-4.800, D-5.1300, DM-RTA

ACX-BT1- All-Weather Bluetooth® Streamer

The AudioControl ACX-BT1 is the ultimate solution for giving your audio system Bluetooth connectivity. The ACX-BT1 features the latest Bluetooth 4.1 and aptX HD support, delivering 24-bit clarity, lower noise, faster initial connection and more reliable streaming from a greater distance. The ACX-BT1 is IPX5 rated for marine and motorsports applications, so it will withstand the rigors of all-weather conditions, including as a standalone (no head unit) solution common to side-by-sides, jet skis and more. Installers will appreciate the unique remote turn-on output circuit that triggers downstream amplifier(s) only when audio is being played over the Bluetooth connection.



- High Definition Low-Latency Audio Streaming
- aptXTM HD Support
- 24 bit / 48 kHz Audio Streaming from Devices with aptX Codec
- IPX5 rated enclosure
- In-line fuse

IPX6
RATED

AUDIO MEASUREMENT TOOLS

Audio Interfaces



Paired with the free DM-RTA app, the DM-RTA™ features a Voltage Meter, RTA (1/3, 1/6, and 1/12 octave), SPL Meter, Polarity Checker and a fully functional Oscilloscope. Base and Pro kits now available. The Pro Kit includes everything you'll need or get the Base Kit if you already own the DM-RTA.

AUDIO INTERFACES	Inputs	Outputs
DM-RTA	XLR, TRS, RCA, Spkr Lvl	TRS, RCA, Digital
DM-RTA BASE KIT	Includes: Hard Case, Test Leads, USB A to A, 12V Power Supply	
DM-RTA PRO KIT	Includes: Hard Case, DM-RTA, AC-BT24, CM-20, XLR cable, USB A to A Test Leads, 12V Power Supply	

Measurement Microphones



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-20 and C550H.

MEASUREMENT MICROPHONES	Type	Polar Pattern	Max SPL	Freq Response
CM-20	Condenser	Omni	105 dB	20 Hz - 20 kHz
C550H	Condenser	Omni	135 dB	20 Hz - 20 kHz

iOS Measurement Microphones



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

iOS MEASUREMENT MICROPHONES	Max SPL	Audio Output	Charging Pass Thru	Connection Type
SA-4100i	120 dB	N	N	Lightning
SA-4140i SPL	140 dB	Y	Y	Lightning

DASH REMOTES

ACR dash remotes are available as optional upgrades or replacements for AudioControl LOCs, processors, and amplifiers.

ACR-1

270 Degree Potentiometer



Supported Products:
The Epicenter, LC2i, LC2i Pro, LC6i, LC7i, Overdrive Plus, Matrix Plus, 6XS, LC-4.800, LC-5.1300, LC-6.1200, LC-1.800, LC-1.1500, ACM-1.300, ACX-300.1, ACX-600.1, ACX-650.5

ACR-2

Endless Rotary Encoder/Select Button



Supported Products:
LCQ-1, The Epicenter Plus

ACR-3

Endless Rotary Encoder/Select Button



Supported Products:
LC8i, DQ-61, DQDX, DM-810, DM-608, D-4.800, D-5.1300, D-6.1200

NEW

ACR-4

Dual Concentric 270 degree Potentiometers



Supported Products:
Epicenter Micro

ACR-U

Linear Output 270 Degree Potentiometer



Supported Products:
Universal (RCA input and output)

LGD & SIGNAL STABILIZER

Today's factory systems include more Class D amplifier technology which can mute, distort or emit damaging frequencies to your new aftermarket audio equipment when the factory speakers are removed from the signal path. Using carefully selected resistors and a Zobel Network, the AC-LGD lineup has been designed to generate load and stabilize signal from the factory system to ensure the best possible audio.

The LGDs come in pairs and can be easily connected to your AudioControl Factory System Upgrade product with the pre-wired connectors. The LGD is installed between the factory speaker outputs and your line output converters inputs, or speaker level inputs on your amp or processor. Each LGD pair comes with standard wire colors for front and rear connections.

Load Resistors

AC-LGD



Suggested Applications:
OEM sound systems requiring
an impedance load

AC-LGD 20



Suggested Applications:
Base/non-amplified OEM sound systems
requiring an impedance load

AC-LGD 60



Suggested Applications:
Premium amplified OEM sound systems
requiring an impedance load





SUBWOOFERS
Bring Your Music to Life, in Style



Bring Your Music To Life, In Style!



NEW

SPIKE / High-Performance Subwoofers

Beautifully crafted to provide clear, precise bass for an immersive listening experience. These subwoofers feature a heavy-duty rigid basket for reduced resonance and distortion to produce better sound. Includes internally designed radial cooled motor to enhance the life of the speaker. High-excursion, double-stitched surround combined with a fiber matrix, mica coated paper cone to produce ultra-low bass output. Includes dual dust cap system for enclosure compression control providing stability for better sound. Each Spike subwoofer comes with a protective grille to keep it safe from damage, so you can enjoy your journey with peace of mind. Available in 8", 10", and 12" sizes.

MODEL	Size	Nominal Impedance	Power Range	Frequency Response	Sensitivity 1W/M (SPL)	Linear Excursion Xmax	Mounting Depth	Driver Displacement	Ported Enclosure Range (cu ft)	Sealed Enclosure Range (cu ft)
SPK-852	8"	2Ω	200W - 500W (350W Ideal)	30 - 500 Hz	83.3836	8.5 mm	4.291 in	0.05 cu ft	0.5 - 1.0 (0.9 Ideal)	0.5 - 1.0 (0.9 Ideal)
SPK-854	8"	4Ω	200W - 500W (350W Ideal)	30 - 500 Hz	81.9876	8.5 mm	4.291 in	0.05 cu ft	0.5 - 1.0 (0.9 Ideal)	0.25 - 0.75 (0.5 Ideal)
SPK-1052	10"	2Ω	300W - 700W (500W Ideal)	20 - 200 Hz	82.2488	14 mm	5.32 in	0.0626 cu ft	0.75 - 1.25 (1.0 Ideal)	0.75 - 1.15 (1.11 Ideal)
SPK-1054	10"	4Ω	300W - 700W (500W Ideal)	20 - 200 Hz	83.7199	14 mm	5.32 in	0.0626 cu ft	0.75 - 1.25 (1.0 Ideal)	0.75 - 1.15 (1.11 Ideal)
SPK-1252	12"	2Ω	300W - 700W (500W Ideal)	20 - 200 Hz	84.6196	14 mm	6.14 in	0.0885 cu ft	1.25 - 2.75 (1.75 Ideal)	0.85 - 1.15 (1.0 Ideal)
SPK-1254	12"	4Ω	300W - 700W (500W Ideal)	20 - 200 Hz	85.4588	14 mm	6.14 in	0.0885 cu ft	1.25 - 2.75 (1.75 Ideal)	0.85 - 1.15 (1.0 Ideal)



NEW
SPACE / Low-Profile Subwoofers

Built with a structurally rigid low-profile basket, these woofers are the ultimate solution for deep, rich bass in a sleek, and slim design. Its fiber matrix injection molded polypropylene cone ensures durability for even the most rugged environments. Includes a heavy-duty voice coil with thermal efficient cooling design to prevent overheating even when the music is hot. The Space series provides the complete solution with removable metal subwoofer grille for protecting the precious sound cargo.

- Low-Profile Subwoofer
 - Maximum low frequency output with minimum space required
 - Weather-resistant
 - Removable subwoofer grille (included)
- Structurally rigid designed heavy duty voice coil
 - Optimal thermal efficiency design
 - Fiber matrix injection molded polypropylene cone

Want Big Bass, But Don't Have the Space?



MODEL	Size	Nominal Impedance	Power Range	Frequency Response	Sensitivity 1W/M (SPL)	Linear Excursion Xmax	Mounting Depth	Driver Displacement	Ported Enclosure Range (cu ft)	Sealed Enclosure Range (cu ft)
SPC-10S2	10"	2Ω	200W - 600W (400W Ideal)	20 - 250 Hz	86.0912	9 mm	3.5 in	0.045 cu ft	0.9 - 2.0 (1.4 Ideal)	0.4 - 0.8 (0.6 Ideal)
SPC-10S4	10"	4Ω	200W - 600W (400W Ideal)	20 - 250 Hz	87.2957	9 mm	3.5 in	0.045 cu ft	0.9 - 2.0 (1.4 Ideal)	0.4 - 0.8 (0.6 Ideal)
SPC-12S2	12"	2Ω	200W - 600W (400W Ideal)	20 - 250 Hz	87.3655	9 mm	3.94 in	0.0619 cu ft	0.9 - 2.0 (1.4 Ideal)	0.8 - 1.17 (1.25 Ideal)
SPC-12S4	12"	4Ω	200W - 600W (400W Ideal)	20 - 250 Hz	87.3024	9 mm	3.94 in	0.0619 cu ft	0.9 - 2.0 (1.4 Ideal)	0.8 - 1.17 (1.25 Ideal)



AudioControl®

Making Good Sound Great™

A Power Brand of AAMP Global

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