

## Matrix DSP Amplifiers



### D6.1200

6 x 200 Watts @ 2 Ohms  
6 x 125 Watts @ 4 Ohms

### D4.800

4 x 200 Watts @ 2 Ohms  
4 x 125 Watts @ 4 Ohms

- Built-In DSP, Connect To Laptop Using AudioControl's DM Smart DSP App To Control: Inputs/Outputs, Gain, Delay, Polarity, Crossovers and Tune Via 30 Band EQ
- Configurable As 4/3/2ch Amplifier
- Active Speaker Level Inputs For OEM Integration
- Preamp Inputs
- 2 Assignable Preamp Outputs
- AccuBASS Circuitry For Improved Bass Response
- MILC LED Optimization And Clip Indicators
- GTO Signal Sensing Turn-On
- Smart User Interface Software Included
- Input & Output RTA For Precise Tuning
- Input & Output Delay
- 12 and 24dB/octave Linkwitz-Riley Crossovers
- 30 Band EQ
- Optional ACR-3 Remote For Preset Recall & Level

## LC Series Amplifiers



### LC1.1500

1 x 1500 Watts @ 2 Ohms  
1 x 850 Watts @ 4 Ohms

### LC1.800

1 x 800 Watts @ 2 Ohms  
1 x 500 Watts @ 4 Ohms

### LC4.800

4 x 200 Watts @ 2 Ohms  
4 x 125 Watts @ 4 Ohms

### LC6.1200

6 x 200 Watts @ 2 Ohms  
6 x 125 Watts @ 4 Ohms

- Summable Active Speaker Level Inputs
- Preamp Inputs
- AccuBASS Circuitry For Improved Bass Response
- MILC LED Optimization And Clip Indicators
- GTO Signal Sensing Turn-On
- Linkwitz-Riley Crossovers
- Optional ACR-1 Remote

## ACM Series Amplifiers



### ACM1.300

1 x 300 Watts @ 2 Ohms  
1 x 175 Watts @ 4 Ohms

### ACM2.300

2 x 150 Watts @ 2 Ohms  
2 x 75 Watts @ 4 Ohms

### ACM4.300

4 x 75 Watts @ 2 Ohms  
4 x 50 Watts @ 4 Ohms

### ACM5.600

Covers (2) ACM amplifiers under one cover plate

- Active Speaker Level Inputs For OEM Integration
- Preamp Inputs
- GTO Signal Sensing Turn-On
- Linkwitz-Riley Crossovers

## Digital Signal Processors

### DM810



### DM608



- Incorporates AudioControl's new Smart-User DSP software platform
- Engineered and manufactured in the USA
- 8 Active high level speaker inputs
- 6 Pre-amp inputs
- 2 Digital inputs
- 10 Pre-amp outputs
- 30 Bands of EQ adjustment
- Parametric filters
- Signal time-alignment
- Input delay
- Phase correction
- AudioControl AccuBASS
- GTO Turn-on circuit
- Integrated input & output RTA's
- Program DSP features using Android or iOS devices

- Incorporates AudioControl's new Smart-User DSP software platform
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- 2 Digital inputs
- 8 Pre-amp outputs
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- GTO Turn-on circuit
- Integrated input & output RTA's
- Program DSP features using Android or iOS devices

### ACBT24

Bluetooth Module

### DMLINK

ADS-MRR Adapter

## RTA, Test & Measurement

### DMRTA



### SA4140I



- Connects to Mac or PC via USB
- Test and measure any signal
- Balanced line level inputs & outputs
- Unbalanced line level inputs & outputs
- Speaker level inputs
- Mic input w/48V phantom power
- Microphone presets (for CM-10, CM-20, C550H)
- Digital and USB outputs
- Battery powered for portability
- DM-RTA app available for Voltage Meter, RTA, SPL Meter, Polarity Checker and Oscilloscope

- Calibrated, full range omni-directional test and measurement microphone
- Direct connection to iOS devices
- Use with AudioControl Mobile Tools
- RTA, FFT, SPL, Polarity, DQ61 Delay
- Handles up to 140dB SPL
- Built-in audio output
- Includes AC adapter

#### COMPATIBILITY

iPhone 5, 5C, 5S, 6, 6s Plus, 7 Plus  
iPad Mini 2  
iPad Air  
iPod Touch 5th & 6th generation

### CM10

- Microphone for DM-RTA

## Signal Processors



- Patented Bass Maximizer™ circuit
- Para-Bass™ contours the restored bass to your speaker system. “Sweep” control allows you to select a frequency; while “Width” control allows you to control the width of the frequency range.
- PFM Subsonic Filter
- Dash mount control with LED indicator
- Balanced Inputs
- 12V Trigger Output
- Max pre-amp output level: 9.5Vrms



- Same legendary features of the Epicenter, PLUS...
- Speaker level inputs from factory amplifiers up to 400 watts. Converts speaker level signals to high quality preamp outputs with brilliant sound quality.
  - 3.5mm Auxiliary input for iPod or portable satellite radio.



- Same legendary features of the Epicenter, PLUS...
- In-Dash 1/2 DIN mounting, with a microphone and 160dB SPL display.
  - Speaker level inputs from factory amplifiers up to 400 watts. Converts speaker level signals to high quality preamp outputs with brilliant sound quality.



- Stereo graphic equalization with frequency control at 125Hz, 125kHz and 10kHz.
- Front and Rear, dual auxiliary inputs
- Para-Bass™ contours the restored bass to your speaker system.
- Selectable blue or red backlighting
- 24dB/Octave 2-way Linkwitz-Riley crossover shipped @ 90Hz.
- Subwoofer level control
- Selectable ground isolation.
- 9.5 Volts RMS / 13 Volts peak output.

## Pre-amp Equalizers



- 2 Channel Operation
- 6 Bands of 1/2 octave equalization and 7 bands mid/high frequency equalization.
- PFM Subsonic Filter.
- Speaker level inputs.
- 9.5 Volts RMS / 13 Volts peak output!
- Optimum signal voltage indicator.
- Selectable ground isolation.
- Balanced differential input circuit.



- 6 Channel Digital Signal Processor
- Front, Rear & Subwoofer EQ
- 24dB/Octave 2-way Linkwitz-Riley crossover
- PFM Subsonic Filter.
- Remote subwoofer level control.
- Balanced differential input circuit.
- 13 Volt line driver.
- Switchable ground isolation.
- ACR3 dash control included.



- Stereo graphic equalization with frequency control at 125Hz, 500Hz, 2kHz and 8kHz.
- Main & Auxiliary switchable inputs
- Para-Bass™ contours the restored bass to your speaker system.
- Balanced differential inputs & outputs
- Selectable ground isolation.
- Optimum signal voltage indicator LEDs.
- Switchable backlighting color (amber / green)
- 9.5 Volts RMS / 13 Volts peak output.

## Electronic Crossovers



- 18dB/Octave 2-way crossover shipped with 90Hz module. (Optional crossover modules available)
- PFM Subsonic Filter with factory installed 18dB 33Hz module.
- 9.5 Volts RMS / 13 Volts peak output.
- Optimum signal voltage indicator.
- Selectable ground isolation.
- Balanced differential input circuit.



- 24dB/Octave 2-way Linkwitz-Riley crossover
- Remote mounted sub level control.
- PFM Subsonic Filter with factory installed 18dB 33Hz module.
- AutoMode™ input recognition.
- 9.5 Volts RMS / 13 Volts peak output.
- Optimum signal voltage indicator.
- Selectable ground isolation.

## OEM Integration

### LC2i



OPTIONAL ACR1

- Speaker level inputs from factory amplifiers up to 400 watts.
- Converts speaker level signals to high quality preamp outputs with brilliant sound quality.
- AccuBASS™ Bass Compensation level control adjustment compensates for bass rolloff at higher volume
- 12 Volt trigger or GTO™ Great Turn On signal sensing input.
- 12 Volt trigger output.
- 9.5 Volts RMS / 13 Volts peak output.
- Optional ACR1 Dash Control

### LC6i



OPTIONAL ACR1

- Accepts 2, 4 or 6 channels of speaker level signal from factory amplifiers up to 400 watts.
- Converts speaker level signals to 2, 4 or 6 high quality preamp outputs.
- **Internal Channel Summing** - Sum together 4 or 6 input channels from the factory source into 2 channels.
- AutoMode™ inputs automatically switches between 2, 4 or 6 inputs.
- 12 Volt trigger or GTO™ Great Turn On signal sensing input.
- 12 Volt trigger output.
- Selectable ground isolation.
- 9.5 Volts RMS / 13 Volts peak output.
- Optimum signal voltage indicator.
- Optional ACR1 Dash Control

### LC7i



OPTIONAL ACR1

- Accepts 2, 4 or 6 channels of speaker level signal from factory amplifiers up to 400 watts.
- Converts speaker level signals to 2, 4 or 6 high quality preamp outputs.
- **AccuBASS™ Bass Compensation** level control adjustment compensates for bass rolloff at higher volume.
- Internal Channel Summing - Sum together 4 or 6 input channels from the factory source into 2 channels.
- AutoMode™ inputs automatically switches between 2, 4 or 6 inputs.
- 12 Volt trigger or GTO™ Great Turn On signal sensing input.
- 12 Volt trigger output.
- Selectable ground isolation.
- 9.5 Volts RMS / 13 Volts peak output.
- Optimum signal voltage indicator.
- Optional ACR1 Dash Control

### LC8i



INCLUDES ACR2

- Accepts 2, 4, 6 or 8 channels of speaker level signal from factory amplifiers up to 400 watts.
- Converts speaker level signals to 2, 4, 6 or 8 high quality preamp outputs.
- Internal Channel Summing - Sum together 4 or 6 input channels from the factory source into 2 channels.
- AutoMode™ inputs automatically switches between 2, 4 6 or 8 inputs.
- 12 Volt trigger or GTO™ Great Turn On signal sensing input.
- 12 Volt trigger output.
- Selectable ground isolation.
- 8.5 Volts RMS / \_\_\_ Volts peak output.
- Optimum signal voltage indicator.
- **Auxiliary RCA Input**, selectable via dash mount control.
- ACR2 source selection & remote level dash control **included**.

### LCQ-1



OPTIONAL ACR2

- Accepts 2, 4 or 6 channels of speaker level signal from factory amps up to 400w.
- Converts speaker level signals to 2, 4 or 6 high quality preamp outputs.
- Independent F/R/Sub equalization.
- AccuBASS™ Bass Compensation level control adjustment compensates for bass rolloff at higher volume.
- Internal Channel Summing - Sum together 4 or 6 input channels from the factory source into 2 channels.
- AutoMode™ inputs automatically turns 2 inputs into 3 outputs.
- 12 Volt trigger or GTO™ signal sensing
- 12 Volt trigger output.
- Selectable ground isolation.
- 8.5 Volts RMS / \_\_\_ Volts peak output.
- Optional ACR2 Dash Control

### DQ-61



INCLUDES ACR3

- User friendly Signal Delay enhances alignment between left, right front and subwoofer channels.
- Accepts 2, 4 or 6 channels of speaker level signal from factory amps up to 400w.
- 21 Band independent Front, Rear and Subwoofer equalization.
- AccuBASS™ Bass Compensation level control adjustment compensates for bass rolloff at higher volume.
- Internal Channel Summing - Sum together 4 or 6 input channels from the factory source into 2 channels.
- 12 Volt trigger or GTO™ signal sensing
- 7.5 Volts RMS maximum output.
- ACR3 dash control included.

## Pre-amp Line Drivers

### OVERDRIVE PLUS



OPTIONAL ACR1

- 24dB of signal gain - 9.5 Volts RMS / 13 Volts peak output!
- Optimum signal voltage indicator
- High headroom PWM power supply
- Selectable ground isolation
- Balanced differential input circuit rejects incoming radiated noise
- Low impedance high current outputs for long runs & multiple loads
- Optional ACR1 dash mount remote

### MATRIX PLUS



OPTIONAL ACR1

- 24dB of signal gain - 9.5 Volts RMS / 13 Volts peak output!
- **Six assignable input and output channels - 2 channels of input can drive all 6 outputs!**
- **Programmable Frequency Match (PFM) Subsonic Filter with factory installed 33Hz module helps speaker control and amplifier power management.**
- Optimum signal voltage indicator
- High headroom PWM power supply
- Selectable ground isolation
- Balanced differential input circuit
- Low impedance high current outputs
- Optional ACR1 dash mount remote

## LGD Load Generators



- Generates load and stabilizes signal from factory head units to ensure the best possible audio
- Carefully selected resistors and Zobel network
- Pre-wired connectors
- Install between factory speaker outputs and your line output converter or speaker level inputs on your amp