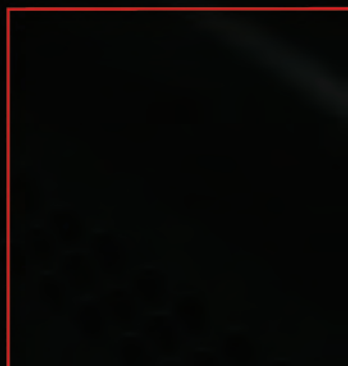
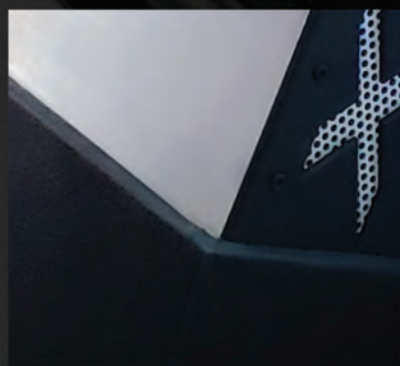




THE BRAND PROFESSIONALS USE



CAR AUDIO
MARINE AUDIO
MOTORCYCLE AUDIO
POWERSPORTS AUDIO



ARC AUDIO

CONNECTING THE WORLD THROUGH MUSIC



Since 1998, ARC Audio has evolved into one of the most respected and family-oriented dealer networks in the mobile audio industry. Our foundation is built on two core commitments: delivering the highest-quality products in the 12-volt world and ensuring unmatched customer satisfaction.

Fueled by a lifelong passion for music and decades of experience dating back to the early 1980s, the ARC Audio team has always taken a no-compromise approach to performance, innovation, and dealer support. Our unwavering focus on customer service—whether supporting an end user or one of our trusted dealers—is at the heart of everything we do.

We pride ourselves on building premium-grade audio products that offer real-world performance and lasting value. With one of the industry's most respected warranty programs, ARC Audio stands behind every product we make, giving our customers peace of mind with every purchase.

Our product lineup features legendary amplifier designs from renowned engineer Robert Zeff. Whether it's the performance-packed X2 Series, designed to deliver premium sound at an accessible price; the best-selling Pro-Series DSP platform—featuring stand-alone and amplified DSP solutions; or the audiophile-grade Copper Series, a reference amplifier line with breathtaking sonic purity and the latest in transparent circuit design—ARC Audio has the perfect solution for every level of listener.

**USA - AUSTRALIA - AUSTRIA - CANADA - CHINA - DENMARK - ESTONIA - FINLAND
FRENCH POLYNESIA - GERMANY - HONG KONG - INDIA - INDONESIA - ISRAEL - JAPAN - MALAYSIA
MEXICO - NEW ZEALAND - NORWAY - POLAND - SINGAPORE - SLOVAKIA - SOUTH AFRICA - SWEDEN
TAIWAN - THAILAND - TRINIDAD - VIETNAM - UK**

COPPER SERIES

AMPLIFIERS

"The best sounding amplifier designs sound like nothing more than a piece of wire with gain. The components in any audio device should never color the sound you hear."

*Robert Zeff, Nikola Engineering
Exclusive lead Engineer for ARC Audio since 1998.*

Designed without compromise by industry veteran Robert Zeff, ARC Audio Copper Series Amplifiers satisfy that mobile audio amplification needs of discerning music enthusiasts all over the globe. Thanks to their high-bias Class AB design, these two- and four-channel amplifiers offer world-class performance that is difficult to beat at any price. Their lack of harmonic distortion delivers stunning midrange clarity, and the near-absence of intermodulation distortion ensures percussion instruments are reproduced with dynamics that will startle listeners. Many amps sound good. Some amplifiers sound great. The Copper Series amplifiers from ARC Audio sound nothing short of exceptional!

Features

- Designed by Robert Zeff
- Microprocessor diagnostics
- Class A/B switching design
- Block type terminal connections
- Audiophile sound quality based design
- HP/LP Crossovers on all channels
- Front-End Signal "Bypass" circuit
- Available in 2-Channel and 4-Channel designs
- Gold plated connection hardware
- Hand selected and matched components
- Sonically transparent channel PCB layout
- Internal chassis force-cooled speed controlled fan
- Optional Competition mod package available



AVAILABLE CONFIGURATIONS

1CH 2CH 3CH 4CH 5CH 6CH



Robert Zeff- Lead Engineer

SPECIFICATIONS

	CU4.2	CU6.2	CU44
4 Channels @ 4 ohms-	N/A	N/A	110 Watts
4 Channels @ 2 ohms-	N/A	N/A	175 Watts
2 Channels @ 4 ohms-	225 Watts	375 Watts	350 Watts
2 Channels @ 2 ohms-	350 Watts	625 Watts	N/A
1 Channel @ 4 ohms-	700 Watts	1250 Watts	N/A
Selectable Input Type-	Yes	Yes	Yes
Frequency Response-	10Hz - 75kHz	7Hz - 50kHz	10Hz - 75kHz
Bypassable Front-End-	Yes	Yes	Yes
Selectable X-Over's-	55Hz - 5.5kHz	55Hz - 5.5kHz	55Hz - 5.5kHz
Dimensions-	11"(L) 8.65"(W) 2.65"(H)	15"(L) 8.0"(W) 2.65"(H)	11"(L) 8.65"(W) 2.65"(H)

ARC SERIES

AMPLIFIERS



The ARC Series amplifiers incorporate the latest industry-reference Class-D controllers with our state-of-the-art power supply design experience. The result reproduces music with impeccable accuracy from an extremely compact chassis. Available in two, four and six-channel configurations, all three amplifiers are available analog input boards and are upgradable with the powerful IPS8.8 digital signal processor. ARC Audio PS8 Pro processors offer the most flexible system configuration, vehicle integration and tuning options available.

Whether you need an amp to power four speakers and a subwoofer or are designing a bespoke three- or four-way audiophile sound system, the new ARC Series amplifiers are a perfect solution.

Features

- Hi-End Class-D design
- Cast chassis design
- Internal forced fan cooling
- Balanced differential inputs
- Optional Hi-end DSP front end
- Digital controlled, user-defined switching frequency
- Plug based signal and speaker connection for easy connectivity
- Ultra efficient power supply design for minimal charging system demand
- All models use the same size chassis for easy symmetrical installation design
- Micro-Processor/user defined Class-D switching frequency eliminates possible Class-D interference in some installations
- RGB User defined main status logo
- User/PC updatable updates and remote settings

AVAILABLE CONFIGURATIONS

1CH | 2CH | 3CH | 4CH | 5CH | 6CH

SPECIFICATIONS

ARC1000.2

ARC 1000.6

6 Channels @ 4 ohms-	N/A	175 Watts
6 Channels @ 2 ohms-	N/A	175 Watts
4 Channels @ 4 ohms-	N/A	N/A
4 Channels @ 2 ohms-	N/A	N/A
3 Channels @ 4 ohms-	N/A	350 Watts
2 Channels @ 4 ohms-	500 Watts	N/A
2 Channels @ 2 ohms-	600 Watts	N/A
1 Channels @ 1/ohms-	1200 Watts	N/A
Frequency Response-	5Hz - 30kHz	5Hz - 30kHz
DSP	Optional	Optional
Analog X-Overs-	HP/LP/AP	None
Bass Boost-	Yes	N/A
Dimensions-	15 3/8"(L) 6 3/8"(W) 2 1/4"(H)	15 3/8"(L) 6 3/8"(W) 2 1/4"(H)



KAR SERIES

FIDELITY

AMPLIFIERS



If ever there was a hybrid amplifier on the market that met the best of both worlds, efficiency and quality the ARC Audio KAR Series V3 amps from check all the boxes. We combined our expertise in designing sonically transparent and detailed Class-AB audio circuitry with a multi-step, multi-voltage power supply to create what is known as a Class-GH amplifier. The low-distortion analog signal path is fed by a power supply that tracks the audio signal to deliver amazing overall efficiency and stunning sound quality.

If listening to great music makes you emotional, ask your ARC Audio dealer about the KAR Series amplifiers and hear just how great your recordings can sound.

Features

- 12dB Crossover Slopes
- Designed By Robert Zeff
- Quiet Internal Fan cooling
- Can drive highly reactive loads
- Code based flashing diagnostics
- Built in Crossovers. HP, LP, AP
- Non digital class G/H switching design
- Advanced microprocessor control system
- Microprocessor based protection circuitry
- Optically isolated Mosfet power supply



AVAILABLE CONFIGURATIONS

1CH 2CH 3CH 4CH 5CH 6CH

SPECIFICATIONS	KS300.2V3	KS600.2V3	KS300.4 V3
4 Channels @ 4 ohms-	N/A	N/A	120 Watts
4 Channels @ 2 ohms-	N/A	N/A	190 Watts
2 Channels @ 4 ohms-	220 Watts	400 Watts	380 Watts
2 Channel @ 2 ohms-	360 Watts	600 Watts	N/A
1 Channel @ 4 ohms-	720 Watts	1200 Watts	N/A
Frequency Response-	5Hz - 50kHz	5Hz - 50kHz	5Hz - 50kHz
Bass Boost-	Yes	Yes	Yes
Remote Included-	No	Yes	No
Dimensions-	11.25" (L) 8.0" (W) 2.375" (H)	15.5" (L) 8.0" (W) 2.375" (H)	11.25" (L) 8.0" (L) 2.375" (H)

"The KS300.4 is a black box that does exactly what an amplifier should do - amplify the signal and allow it to sound absolutely great!"

Dave Mckinnon, Technical Editor
Performance Auto and Sound Magazine

X2 SERIES

AMPLIFIERS



As the workhorses of the ARC Audio amplifier family, X2-Series delivers the features, power and flexibility that our customers demand. From the exceptional value of the compact X2 650.4 four-channel through to the immensely powerful 2500-watt X2 2500.1 monoblock, these amplifiers offer unmatched levels of performance.

X2-Series amplifiers include features like equal power output into two- and four-ohm loads, bandpass crossovers, included remote level controls, speaker level inputs and flexible signal routing options. This technology isn't just rare at these price points; they aren't achievable from off-the-shelf amplifier designs. When your audio system demands an unfair advantage, the ARC Audio X2-Series delivers.



MONO BLOCK

SPECIFICATIONS

	X2 650.1	X2 1100.1	X2 2500.1
1 Channel @ 4 ohms-	185 Watts	350 Watts	900 Watts
1 Channel @ 2 ohms-	350 Watts	600 Watts	1500 Watts
1 Channel @ 1 ohms-	650 Watts	1100 Watts	2500 Watts
Frequency Res-	10Hz - 250Hz	10Hz - 250Hz	10Hz - 250Hz
Remote Included-	Yes	Yes	Yes
Cosmetic Trim-	Level 1	Level 2	Level 2
Dimensions-	9.02" (L) 6.268" (W) 2.086" (H)	13.0" (L) 6.268" (W) 2.162" (H)	21.25" (L) 6.268" (W) 2.162" (H)

Features

- Audiophile Class D output
- Fully Balanced Input Stage
- Signal Sense Turn-On
- Quick Disconnect terminal plugs
- Bridged Mode Auto Detect Equipped
- Microprocessor controlled protection
- Ultra Low ESR, High capacity power supply
- Next generation high speed Class D technology
- Large, High Frequency switching power supplies
- Precision filtering reduces unwanted interference
- RCA Inputs are compatible with speaker level inputs

AVAILABLE CONFIGURATIONS

1CH | 2CH | 3CH | 4CH | 5CH | 6CH

MULTI-CHANNEL

SPECIFICATIONS

	X2 450.4	X2 600.4	X2 850.5	X2 1100.5	X2 1200.6
4 Channels @ 4 ohms-	85 Watts	150 Watts	85 Watts	150 Watts	150 Watts
4 Channels @ 2 ohms-	125 Watts	150 Watts	125 Watts	150 Watts	150 Watts
2 Channels @ 4 ohms-	250 Watts	300 Watts	250 Watts	300 Watts	300 Watts
2 Channels @ 4 ohms-	N/A	N/A	N/A	N/A	150 Watts (5&6)
2 Channels @ 2 ohms-	N/A	N/A	N/A	N/A	300 Watts (5&6)
1 Channel @ 4 ohms-	N/A	N/A	225 W(Sub)	275 W(Sub)	600 Watts (5&6)
1 Channel @ 2 ohms-	N/A	N/A	400 W(Sub)	500 W(Sub)	N/A
1 Channel @ 1 ohms-	N/A	N/A	N/A	N/A	N/A
Frequency Res-	10Hz - 20kHz	10Hz - 20kHz	10Hz - 230Hz	10Hz - 230Hz	20Hz - 20kHz
Frequency Res(sub)-	N/A	N/A	10Hz - 230Hz	10Hz - 230Hz	N/A
Remote Included-	No	Yes	Yes	Yes	Yes
Cosmetic Trim-	Level 1	Level 2	Level 1	Level 2	Level 2
Dimensions-	8.173" (L) 6.268" (W) 2.086" (H)	9.020" (L) 6.268" (W) 2.162" (H)	12.42" (L) 6.268" (W) 2.086" (H)	12.42" (L) 6.268" (W) 2.162" (H)	13.0" (L) 6.268" (W) 2.162" (H)



MOTO SERIES

COMPACT POWER

AMPLIFIERS



MOTO800



"The MOTO Series is a serious contender when it comes to every day use, power and compact size"

*Gary Springgay, Technical Editor
Performance Auto and Sound Magazine*



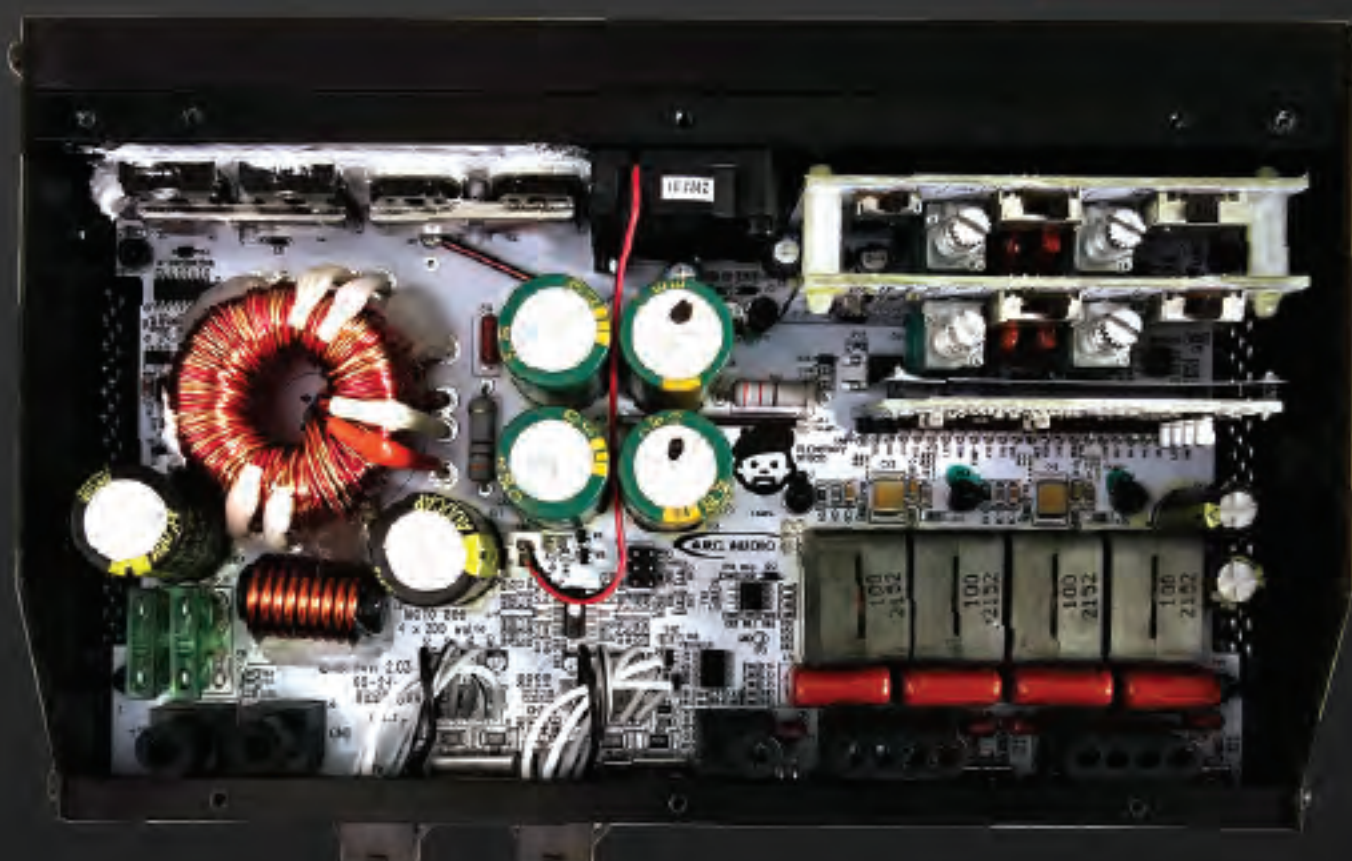
MOTO 800 Features

- RCA & Speaker level inputs.
- LED status/diagnostics
- Fully Balanced Input Stage
- Quick Disconnect terminal plugs
- Bridged Mode Auto Detect Turn-On
- High capacity power supply storage
- Audiophile Class D output networks
- High Frequency switching power supplies
- Coated PCB and electronics for water resistance
- Single sided amplifier design for easy connection
- Precision filtering reduces RF

Often imitated, yet never duplicated, the ARC Audio MOTO and KS Mini series set the bar high for compact powersports and motorcycle amplification solutions. The MOTO 800 delivers up to a jaw-dropping 200 watts from power from each of its four channels. The unique chassis design maximizes the amplifier size for efficient operation in the tight confines of a Harley-Davidson Touring motorcycle fairing. When performance matters and space is at a premium, choose the MOTO800 amplifier from ARC Audio.

AVAILABLE CONFIGURATIONS

1CH 2CH 3CH 4CH 5CH 6CH



SPECIFICATIONS MOTO800

4 Channels @ 4 ohms-	180 Watts
4 Channels @ 2 ohms-	200 Watts
2 Channels @ 4 ohms-	400 Watts
1 Channel @ 4 ohms-	N/A
1 Channel @ 2 ohms-	N/A
1 Channel @ 1 ohms-	N/A
Frequency Response-	10Hz - 20kHz
Bass Boost-	Yes
Remote Included-	Yes
Dimensions-	8.125"(L) 5.0"(W) 1.8"(H)

ALL-IN-ONE DSP AMPLIFIERS

DSP AMPLIFIERS



Designed in the USA exclusively for ARC Audio by legendary engineer Robert Zeff and his team at Nikola Engineering, ARC Audio amplifiers set the standard for quality, sonic perfection and performance. No shortcuts, no cookie-cutter designs — just cutting-edge technology and proven amplifier engineering that delivers transparency and clarity found in products costing far more.

Backed by custom-designed, proven power supply design technology, ARC Audio DSP amps deliver every watt we promise (and more) with advanced efficiency technologies that reduce heat and keep performance cool. Our industry-leading heatsinks allow our amps to run up to 10 times longer at full power compared to competitors. With carefully placed components, premium parts, and optimized output stages, our amps handle real-world speaker loads with breathtaking tonal accuracy. The result? A listening experience that redefines car audio.

Rigorous testing ensures every amplifier exceeds CTA-2006 industry standards. No gimmicks. No compromises. Just world-class sound for those who demand the best.



1-6 CHANNELS AMPLIFIED AVAILABLE CONFIGURATIONS

SPECIFICATIONS

ARC1000.2 DSP

2 Channels @ 4 ohms-	500 Watts
2 Channels @ 2 ohms-	600 Watts
1 Channels @ 4 ohms-	1200 Watts
DSP Channels-	8
RCA Channels Out-	6
RCA Output Voltage-	Up to 4V
Input Channels-	8
Digital Inputs-	Optical / Coaxial (NEED DOC)
Max Sample Rate-	96kHz
Bit Rate-	32 Bit - Fixed Point
ADC/DAC-	AKM AK5558/AK4438
Auto-Sense Turn-on-	Signal & DC (BTL)
Frequency Response-	10Hz - 30kHz
S/N Ratio (Digital In)-	+108dB
Operating Voltage-	8.5V - 17.0V (Start/Stop to 4.5V)
Line Trigger Presets-	Yes - Presets 1-4
IDATA Maestro-	Yes
Controllers-	PSC / LR1 (Sold Separately)
Dimensions-	15 3/8" (L) 6 3/8" (W) 2 1/4" (H)

ARC 1000.6 DSP

6 Channels @ 4 ohms-	175 Watts
6 Channels @ 2 ohms-	175 Watts
3 Channels @ 4 ohms-	350 Watts
DSP Channels-	8
RCA Channels Out-	2
RCA Output Voltage-	Up to 4V
Input Channels-	8
Digital Inputs-	Optical / Coaxial (NEED DOC)
Max Sample Rate-	96kHz
Bit Rate-	32 Bit - Fixed Point
ADC/DAC-	AKM AK5558/AK4438
Auto-Sense Turn-on-	Signal & DC (BTL)
Frequency Response-	10Hz - 30kHz
S/N Ratio (Digital In)-	+108dB
Operating Voltage-	8.5V - 17.0V (Start/Stop to 4.5V)
Line Trigger Presets-	Yes - Presets 1-4
IDATA Maestro-	Yes
Controllers-	PSC / LR1 (Sold Separately)
Dimensions-	15 3/8" (L) 6 3/8" (W) 2 1/4" (H)

COMING SOON

* Channels @ 4 ohms-	TBA
* Channels @ 2 ohms-	TBA
* Channels @ 4 ohms-	TBA
DSP Channels-	TBA
RCA Channels Out-	TBA
RCA Output Voltage-	TBA
Input Channels-	TBA
Digital Inputs-	TBA
Max Sample Rate-	TBA
Bit Rate-	TBA
ADC/DAC-	TBA
Auto-Sense Turn-on-	TBA
Frequency Response-	TBA
S/N Ratio (Digital In)-	TBA
Operating Voltage-	TBA
Line Trigger Presets-	TBA
IDATA Maestro-	TBA
Controllers-	TBA
Dimensions-	TBA

ALL-IN-ONE DSP AMPLIFIERS

ALL-IN-ONE

DSP AMPLIFIERS

DNA
EQUIPPED



Power. Precision. Simplicity.

From the legendary Blackbird to our full lineup of DSP amps, ARC Audio delivers pure performance and flexibility in a compact package.

With options from 2 to 12 channels, plus additional processed outputs for systems of any size, ARC Audio DSP amplifiers maximize sound quality and system performance while cutting install time and complexity.

Built for seamless integration with today's vehicles, all ARC Audio DSP amplifiers digital expansion ports, TOSLINK, balanced inputs and hardwired preset selection points — plus smart tech like Navigation audio ducking, Digital auto-detect, and full iDataLink Maestro integration module support. Fine-tune every detail with the Pro-Series DNA software suite, giving installers unmatched control over one of the largest DSP Tuner utilities available on the market.

Trusted by pros. Built for perfectionists. Designed to blow you away.

8 CHANNELS+ AMPLIFIED

AVAILABLE
CONFIGURATIONS

SPECIFICATIONS

X2 800.80SP

8 Channels @ 4 ohms-	50 Watts
8 Channels @ 2 ohms-	85 Watts
4 Channels @ 4 ohms-	170 Watts
DSP Channels-	12
RCA Channels Out-	4
RCA Output Voltage-	Up to 8V
Input Channels-	(8) 2V - 16V RMS
Digital Inputs-	Optical and Coaxial
Max Sample Rate-	96kHz
Bit Rate-	32-Bit Fixed Point
ADC/DAC-	AKM AK5558/AK4438
Auto-Sense Turn-on-	Signal & DC (BTL)
Frequency Response-	5Hz - 22kHz
S/N Ratio (Digital In)-	+108dB
Operating Voltage-	8.5V - 17.0V(Start/Stop to 4.5V)
Line Trigger Presets-	Yes - Presets 1-4
IDATA Maestro-	Yes
Controllers-	LR1 (Sold Separately)
Dimensions-	10 3/4"(L) 6 1/4"(W) 2 1/8"(H)

BLACKBIRD

8 Channels @ 4 ohms-	75 Watts
8 Channels @ 2 ohms-	125 Watts
4 Channels @ 4 ohms-	250 Watts
DSP Channels-	12
RCA Channels Out-	4
RCA Output Voltage-	Up to 8V
Input Channels-	(8) 2V - 32V RMS
Digital Inputs-	Optical / Coaxial(DOC Required)
Max Sample Rate-	96kHz
Bit Rate-	32 Bit - Fixed Point
ADC/DAC-	AKM AK5558/AK4438
Auto-Sense Turn-on-	Signal & DC (BTL)
Frequency Response-	10Hz - 30kHz
S/N Ratio (Digital In)-	+108dB
Operating Voltage-	8.5V - 17.0V(Start/Stop to 4.5V)
Line Trigger Presets-	Yes - Presets 1-4
IDATA Maestro-	Yes
Controllers-	PSC / LR1 (Sold Separately)
Dimensions-	10 3/8"(L) 5 3/4"(W) 2.0"(H)

FALCON

12 Channels @ 4 ohms-	75 Watts
12 Channels @ 2 ohms-	125 Watts
6 Channels @ 4 ohms-	250 Watts
DSP Channels-	16
RCA Channels Out-	4
RCA Output Voltage-	Up to 8V
Input Channels-	(8) 2V - 32V RMS
Digital Inputs-	Optical / Coaxial(DOC Required)
Max Sample Rate-	192kHz
Bit Rate-	32 Bit - Fixed Point
ADC/DAC-	DUAL AKM AK5558/AK4438
Auto-Sense Turn-on-	Signal & DC (BTL)
Frequency Response-	10Hz - 30kHz
S/N Ratio (Digital In)-	+108dB
Operating Voltage-	8.5V - 17.0V(Start/Stop to 4.5V)
Line Trigger Presets-	Yes - Presets 1-4
IDATA Maestro-	Yes
Controllers-	PSC / LR1 (Sold Separately)
Dimensions-	13 1/4"(L) 5 3/4"(W) 2.0"(H)

DSP SOLUTIONS

Stand-Alone PROCESSORS

DSP / TUNING / INTEGRATION

maestro ar **maestro ar2**
maestro a2B
COMPATIBLE PREMIUM VEHICLE INTEGRATION SOLUTION

No matter the age or complexity of your vehicle's audio system, ARC Audio offers one of the industry's most versatile ranges of DSP solutions—spanning from accessible to ultra high-end. Each processor provides the advanced tools needed to personalize and optimize your system for your unique listening preferences. Designed and engineered entirely in-house in the USA, ARC Audio DSPs are the same units trusted by our internationally award-winning Sound Quality Competition Team.



SPECIFICATIONS HARDWARE

PSM-PRO

PS8-6.8

Solution Type-
DSP Channels-
RCA Channels Out-
RCA Output Voltage-
Input Channels-
Digital Inputs-
Max Sample Rate-
Bit Rate-
ADC/DAC-
Auto-Sense Turn-on-
Frequency Response-
S/N Ratio (Digital In)-
Operating Voltage-
Line Trigger Presets-
IDATA Maestro-
Controllers-
Dimensions-

Stand-Alone (Compact)
8
8
Up to 3.5V
(6) 2V - 16V RMS
Digital Coaxial
96kHz
24 Bit - Fixed Point
AKM 5358B/ Cirrus Logic CS-4344
DC (BTL)
20Hz - 23.5kHz
+104dB
8.5V - 17.0V(Start/Stop to 4.5V)
Yes - Presets 1-4
Yes
LR1(Sold Separately)
3.75"(L)
3.0"(W)
1.35"(H)

Stand-Alone
8
8
Up to 3.5V
(6) 2V - 16V RMS
Optical / Digital Coaxial
96kHz
24 Bit - Fixed Point
AKM 5358B/ Cirrus Logic CS-4344
DC (BTL)
20Hz - 23.5kHz
+104dB
8.5V - 17.0V(Start/Stop to 4.5V)
Yes - Presets 1-4
Yes
LR1(Sold Separately)
3.75"(L)
3.0"(W)
1.35"(H)

DSP FEATURE SPECIFICATIONS

Equalization Type-
Equalization Bands-
Equalization Resolution-
All-Pass Filters / Shelving-
Signal Delay-
Delta Delay (Measurment)-
Phase Control-
Crossovers-
Crossover Slopes-
Crossover Damping-

Input Equalization-
Input Delay-
Signal Mixer-
Navigation Ducking-
Digital Auto-Detect-
External Controller Compatible-
System Auto-update Technolgy-

1/3 Octave ,Parametric (Definable)
296 Bands (37 Per Ch.)
.01dB per step+18dB/-24dB
Yes (AP1, AP2, LS, HS)
30ms per ch. (.01 inc.) Fixed-Point
Yes - User Optional
All Channels +/- 180 Degrees
AP/HP/LP/BP all channels
6dB - 48dB (Based on Damping Type)
Butterworth, Linkwitz-Riley, Bessel,
Variable Q, Chebyshev (All
Channels/Bands)
Yes (12-Bands Parametric w/All-Pass)
Yes - Up to 11.04ms
Yes (Input & Output)
Yes
Yes
Yes - LR1 (Optional Accessory)
Yes

1/3 Octave ,Parametric (Definable)
296 Bands (37 Per Ch.)
.01dB per step+18dB/-24dB
Yes (AP1, AP2, LS, HS)
30ms per ch. (.01 inc.) Fixed-Point
Yes - User Optional
All Channels +/- 180 Degrees
AP/HP/LP/BP all channels
6dB - 48dB (Based on Damping Type)
Butterworth, Linkwitz-Riley, Bessel,
Variable Q, Chebyshev (All
Channels/Bands)
Yes (12-Bands Parametric w/All-Pass)
Yes - Up to 11.04ms
Yes (Input & Output)
Yes
Yes
Yes - LR1 (Optional Accessory)
Yes



"The PSM shows the pedigree typical of ARC Audio components. Audio performance is excellent, with very low THD and an extremely flat response. The units simply works and sounds great as intended..."

Garry Springgay, Technical
Editor
Performance Auto and
Sound Magazine
PSM Review

(MORE) DSP SOLUTIONS

Stand-Alone PROCESSORS

Unlock uncompromised audio clarity and sonic transparency with ARC Audio's Pro-Series DSPs. Powered by ARC's advanced DNA tuning software, these processors deliver precision tools for installers and tuners—prioritizing signal integrity, usability, and performance without unnecessary compromise. Elevate your system's acoustic performance with ARC Audio—where every detail is engineered for listening excellence.

DNA
EQUIPPED



PS8-PRO

PS12-PRO

PS16-PRO

Solution Type-	Stand-Alone	Stand-Alone	Stand-Alone
DSP Channels-	8	12	16
RCA Channels Out-	8	12	16
RCA Output Voltage-	Up to 8V	Up to 8V	Up to 8V
Input Channels-	(8) .5V - 32V RMS	(8) .5V - 32V RMS	(8) .5V - 32V RMS
Digital Inputs-	Optical /Coaxial (DOC Required)	Optical /Coaxial (DOC Required)	Optical /Coaxial (DOC Required)
Max Sample Rate-	96kHz	192/96kHz	192/96kHz
Bit Rate-	32 Bit - Fixed Point	32 Bit - Fixed Point	32 Bit - Fixed Point
ADC/DAC-	AKM AK5558 / AK4438	DUAL AKM AK5558 / AK4438	DUAL AKM AK5558 / AK4438
Auto-Sense Turn-on-	Signal/DC (BTL)	Signal/DC (BTL)	Signal/DC (BTL)
Frequency Response-	2Hz - 23.5kHz	2Hz - 23.5kHz	2Hz - 23.5kHz
S/N Ratio (Digital In)-	+108dB	+108dB	+108dB
Operating Voltage-	6V - 17.0V(Start/Stop to 4.5V)	6V - 17.0V(Start/Stop to 4.5V)	6V - 17.0V(Start/Stop to 4.5V)
Line Trigger Presets-	Yes - Presets 1-4	Yes - Presets 1-4	Yes - Presets 1-4
IDATA Maestro-	Yes	Yes	Yes
Controllers-	LR1(Sold Separately)	LR1(Sold Separately)	LR1(Sold Separately)
Dimensions-	8.5"(L) 5.1"(W) 1.81"(H)	8.5"(L) 5.1"(W) 1.81"(H)	8.5"(L) 5.1"(W) 1.81"(H)

FEATURES AND DESIGN WITHOUT COMPROMISE

"All ARC Audio Pro-Series Digital Sound Processors are engineered with the industry's most installer- and tuner-friendly features. Designed to deliver unmatched signal transparency and advanced tuning flexibility—without the compression or bit-depth reduction common in many competing products—ARC Audio DSPs ensure the highest sound quality, purest signal integrity, and the most precise acoustical tuning capabilities for your custom audiophile-grade system."

Equalization Type-
Equalization Bands-
Equalization Resolution-
All-Pass Filters / Shelving-
Signal Delay-
Delta Delay (Measurement)-
Phase Control-
Crossovers-
Crossover Slopes-
Crossover Damping-

Input Equalization-
Input Delay-
Signal Mixer-
Navigation Ducking-
Digital Auto-Detect-
External Controller Compatible-
System Auto-update Technology-

1/3 Octave, Parametric (Definable)
296 Bands (37 Per Ch.)
.01dB per step +18dB/-24dB
Yes (AP1, AP2, LS, HS)
30ms per ch. (.01 inc.) Fixed-Point
Yes - User Optional
All Channels +/- 180 Degrees
AP/HP/LP/BP all channels
6dB - 48dB (Based on Damping Type)
Butterworth, Linkwitz-Riley, Bessel,
Variable Q, Chebyshev (All
Channels/Bands)
Yes (12-Bands Parametric w/All-Pass)
Yes - Up to 11.04ms
Yes (Input & Output)
Yes
Yes
Yes - LR1/PSC (Optional Accessory)
Yes

AND MUCH MORE...



"This truly is a
black box of digital
magic..."
"...Nothing Short of
Jaw Dropping."

Garry Springgay, Technical
Editor
Performance Auto and
Sound Magazine
PS8 Review

DSP CONTROLLERS

TUNING & CONTROL



PSC

Embracing the power and user functions of a DSP, the PSC goes far beyond the basic digital volume controls commonly offered by other manufacturers.

It delivers a plethora of daily use user friendly features and strategic tuning and system controls—right at your fingertips.

The PSC DSP Controller provides direct, real-time access to a wide range of critical DSP tuning parameters—without the need for a connected PC during daily operation.

Easily adjust key settings and user defined tools directly from the drivers seat. Designed for seamless integration with compatible ARC Audio DSP platforms, the PSC empowers installers and end users alike with precision control on the fly.

Features

Volume Control -
System Mute -
Fader Control -
Balance Control -
Sub Level Control
System Turn on/off -

Signal Delay Control -
Output Phase Control -
Superbass -
Present Selection -
Display Type -
User Defined Display Color -
Button Lighting Type -
Variable Installation Orientation -

Password Protected controls -
Mounting Cradle and Hardware -
Compatible with-

Fully Variable interface on master volume control

Single button quick system mute

Yes - User defined channel assignments in the DSP GUI

Yes - User defined channel assignments in the DSP GUI

Yes - User defined channel assignments in the DSP GUI

Yes - Single touch system on/off for systems not using a standard source unit or vehicle trigger (DAP systems)

Yes - Full user defined control

Yes - Full user defined control

Yes - Full user defined control

Yes - Full access to all four onboard presets

Full Color (262k) OLED RGB

User defined color selections of all graphic colors

Yes - Full user defined color interface

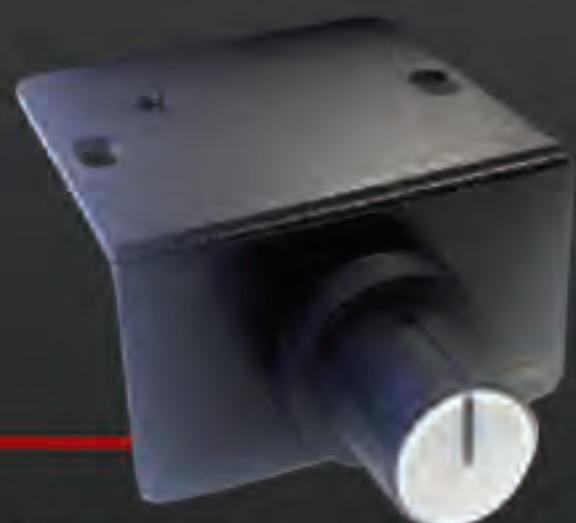
Rotatable 180 degrees (rotation orientation rotates all mechanical and display functions)

Yes - User defined password thru the DSP GUI

Included

All "Pro-Series" Digital Sound Processors equipped with "PSC" Port.

LR1



- User definable level remote control for the PSM, IPS8.8, PS8 Pro and PS8-50
- Programmable for function in the DSP GUI
- Sold separately as an accessory for the PSM, IPS8.8, PS8 Pro and PS8-50
- Includes 20' proprietary connection cable

AXP WiFi



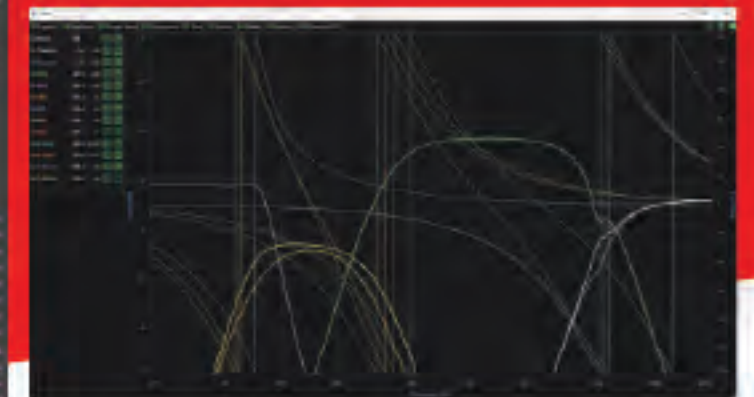
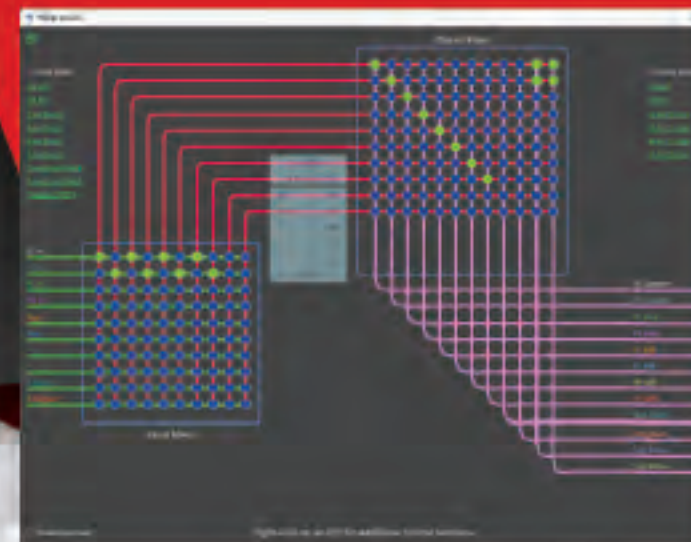
- WiFi accessory module for the IPS8.8, PS8-Pro & PS8-50 DSP's
- Direct wireless connectivity from ANY WiFi enabled device to your ARC Audio digital sound processor
- Allows for complete control of all tuning features on your ARC Audio DSP



DNA

Tuning &
Setup Tools

DSP Software



DNA is the heart of ARC Audio's DSP ecosystem — a cutting-edge software interface packed with the industry's largest library of tuning, integration, and optimization tools. Designed for ultimate flexibility, DNA gives installers precision control over signal routing, input mixing, upmixing, parametric and graphic EQ, all-pass filters, shelving filters, phase correction, advanced crossovers, time alignment, and more — all in an intuitive, custom built interface.

With features like dual-signal mixing (digital + analog), Nav-Ducking, REW file import, A/B tune comparison, tone generators, and four external preset triggers, DNA makes even the most complex OEM or custom audio setups easy to master. Combined with ARC's Auto-Update system, DNA keeps you ahead of the curve — delivering pro-level tuning power to every install.



- Largest tuning feature library in the 12V industry — endless flexibility for OEM and custom installs
- Dual signal mixers — isolate or blend sources, Analog / Hi-res 96/192kHz digital / Dual Source
- Integrated upmixer — generate L/C/R/rear channels with full output tuning for center-channel systems
- Superbass — Enhance low frequency output and sound without the drawbacks of typical bass enhancement devices
- Advanced signal routing — flexible input/output management, summing, and assignment
- Nav-Ducking — seamlessly handle OEM chimes, OEM Bluetooth, and navigation prompts
- 12-band input parametric EQ + 37-band graphic output EQ per channel — fine-tune with extreme precision
- Phase correction, all-pass filters, shelving filters — professional-grade tools for sound optimization
- Crossovers with multiple filter types — Butterworth, Linkwitz-Riley, Bessel, Chebyshev, Variable-Q, slopes up to 48dB/octave (Not mix-or-match limits)
- Fixed-point signal delay up to 30ms/channel — adjustable in ultra-fine 0.01ms steps
- REW file import — integrate acoustic measurements directly into the tuning workflow
- A/B tune comparison — instantly compare and refine setups
- Tone and signal generators — diagnose system issues and chase down resonances
- External preset switching (4 presets) — recall system configs on the fly via analog triggers or via controller
- Auto-Update system — stay current with the latest software enhancements

REFERENCE SERIES

SPEAKERS



Perfection is defined as the condition, state, or quality of being free as possible from all defects. Bring acoustical perfection to your mobile audio system with the precision and detail of the ARC Audio RS Series. ARC Audio has joined forces with some of the world's leading pro audio speaker engineers to develop the ARC RS reference speaker line. Designed specifically for today's active DSP powered audio systems the RS speaker line places focus on transparency, performance and natural reproduction of music the way it was intended to be heard.

Features

- Sold in matched pairs
- Vented rear spider and voice coil assembly
- Ultra Hi-Temp tempered CCAW radial voice coil
- Precision machined glass fiber voice coil former
- Low Shore TLS injected rubber composite surround
- Cellulose fiber, composite reinforced cone
- Optimized N38 Neodymium shallow motor design
- Symmetrical compliance progressive woven Nomex spider
- CNC precision cut, extended copper capped motor assembly
- OFAA airflow management chassis design
- PAAS incorporated phase plug design improves resonance control, smoothness and structural integrity of the cone assembly while improving low frequency accuracy of the driver
- ACTT motor structure cooling design drastically improves thermal offset of the heat generated in the voice coil, improving reliability and overall power handling

AVAILABLE CONFIGURATIONS

RAW | **COAX** | **2-WAY COMP** | **3-WAY COMP** | **OEM REPLACE** | **6X9**

SPECIFICATIONS	RS 1.0	RS 3.0	RS 4.0	RS 6.0
Speaker Type-	Raw	Raw	Raw	Raw
Size-	25mm	3.0"	4.0"	6.5"
Max Power-	120 Watts	65 Watts	150 Watts	200Watts
Mid RMS Power-	60 Watts	35 Watts	75 Watts	80 Watts
Mounting Depth-	1.25"	1.38"	1.94"	2.75"
Sensitivity-	92.5dB	89dB	91dB	91.5dB
Freq Response-	2.2kHz-22kHz	105Hz - 18kHz	90Hz-11.5kHz	50Hz-9.5kHz
Impedance-	4 ohms	4 ohms	4 ohms	4 ohms
Includes Grills-	Integrated	No	No	No





A.S. SERIES

SPEAKERS

PERFORMANCE



Offering an uncompromising balance of performance, innovation, and affordability. Developed as a perfect complement to DSP-based audio systems, the AS Series includes the AS100 27mm tweeter, AS250 2.5" midrange, and AS600 6.5" woofer, with a 6x9 option to follow. Building on ARC Audio's reputation for sonic excellence, the AS Series provides exceptional sound quality, impressive dynamics, and enhanced detail. It's engineered to bring out the subtleties of music, creating a more immersive listening experience for any vehicle, from daily-driven cars to competition setups.

- Advanced ferrite motor structures ensure exceptional efficiency and tonal stability, even at high power levels.
- The AS100 tweeter features a fine-weave soft dome diaphragm for smooth frequency response and incredible high-frequency detail.
- The AS250 midrange and AS600 woofer are designed for both OEM-fit and custom installs, allowing for flexible 2- or 3-way system configurations.
- The AS600 and AS690 can be upgraded with the AS100 tweeter coaxially mounted to create a high-performance coaxial speaker.
- Cones made from a blend of Aramid fibers and coconut pulp ensure stiffness and low mass for precise sound reproduction at high excursion levels.
- Convertable design allows for separate or active coaxial mounted installations.



AVAILABLE CONFIGURATIONS

	RAW	COAX	2-WAY COMP	3-WAY COMP	OEM REPLACE	6X9
SPECIFICATIONS	AS 100	AS250	AS600	AS690		
Speaker Type-	Raw	Raw	Raw	Raw		
MR Size-	N/A	2.5"	6.5"	6" x 9"		
Mid Max Power-	N/A	150 Watts	250 Watts	TBA		
Mid RMS Power-	N/A	75 Watts	100 Watts	TBA		
Mounting Depth-	N/A	1.38"	2.85"	TBA		
Tweeter Size-	27mm	N/A	N/A	TBA		
Tw Max Power-	185 Watts	N/A	N/A	TBA		
Tw Min Power-	70 Watts	N/A	N/A	TBA		
Sensitivity-	92dB	86dB	90dB	TBA		
Convertible-	N/A	Yes- Using AS100	Yes- Using AS100	Yes- Using AS100		
Freq Response-	1.8Hz - 20kHz	230Hz - 14kHz	65Hz - 8.5kHz	TBA		
Impedance-	4 ohms	4 ohms	4 ohms	4 ohms		
Includes Grills-	Integrated	No	No	No		



AS100 Coaxially Mounted on the AS600 midrange

X2 SERIES

SPEAKERS



X26.2

The ARC Audio X2 speaker lineup offers the best value and performance of any speaker line in its class. X2 speakers allow users to make a progressive step up from any factory OEM system speaker at an affordable price without compromise. Even the most demanding of enthusiasts will flock to X2 speakers with its enhanced quality and reliable performance driven output. Offering the best of both worlds the X2 speakerline is simply unbeatable at this pricepoint!

Features

- Vented basket design
- Adjustable tweeter attenuation
- Available in 2-Way Component or coaxial speaker systems
- Hi-Temp Copper Voice Coil
- Designed and engineered in the USA
- Heavy duty stamped steel basket
- Reinforced injected poly cone material
- Hi-End Poly etweeter caps on all coaxials
- Ultra low distortion linear suspension design



X2602



AVAILABLE CONFIGURATIONS

RAW | **COAX** | **2-WAY COMP** | **3-WAY COMP** | **OEM REPLACE** | **6X9**

SPECS	X2 1.0	X2 402	X2 462	X2 502	X2 572	X2 602	X2 692	X2 5.2	X2 6.2
Speaker Type-	Raw	Coaxial	Coaxial	Coaxial	Coaxial	Coaxial	Coaxial	Component	Component
Size-	27mm	4.0"	4" x 6"	5.25"	5" x 7"	6.5"	6" x 9"	5.25"	6.5"
Max Power-	80W	80W	80W	90W	90W	150W	150W	150W	240W
RMS Power-	40W	40W	40W	45W	45W	75W	70W	75W	120W
Mounting Depth-	.73"	1.95"	1.95"	1.95"	2.25"	2.38"	2.9"	1.9"	2.4"
Tweeter Size-	27mm	15mm	15mm	15mm	15mm	15mm	15mm	27mm	27mm
Sensitivity-	93dB	86dB	85dB	87dB	89dB	89dB	89dB	89dB	90dB
Freq Response-	1300Hz- 22.5kHz	110Hz- 20kHz	92Hz- 20kHz	80Hz- 20kHz	70Hz- 20kHz	60Hz- 20kHz	50Hz- 20kHz	75Hz- 20kHz	60Hz- 20kHz
Impedance-	4 ohms	4 ohms	4 ohms	4 ohms	4 ohms	4 ohms	4 ohms	4 ohms	4 ohms
Includes Grills-	Inc	No	No	No	No	No	No	No	No

MOTO SERIES

SPEAKERS



Features

- Horn Loaded Compression Driver
- Titanium dome HLCD
- Hi-performance, Hi-output design
- Treated progressive Nomex spider
- Weather resistant pole tweeter seal
- Dampened heavy-duty ABS basket
- Hi-Temperature precision wound voice coil
- Environmental treatments on all components
- Compatible designs for HD motorcycles 2000-2019+

Designed by ARC
Audio's acoustical engineering division,
Moto Series speakers are designed using

- carefully selected and tested weather-friendly
- materials and components providing riders with
- a performance driven solution that delivers and
- unparalleled musical experience on their motor-
- cycles without compromise of quality. Available
- in three different platforms, Moto Series compo-
- nent, coaxial and horn loaded Compression
- driver driven coaxial speaker designs



Features

- Composite PEI Mylar film tweeter
- Low Shore poly butyl surround
- Hi-performance, Hi-output design
- Two-way integrated coaxial design
- Treated progressive Nomex spider
- Sealed waether resistant cone design
- Heavy duty cast aluminum basket design
- Hi-Temperature precision wound voice coil
- Environmental treatments on all components
- Compatible designs for HD motorcycles 2000-2022+

- provide increased output, power-
- ful midbass and extended
- low-frequency output. Detail,
- efficiency and overall output
- across all frequencies are
- at new levels to ensure
- the best sound possi-
- ble, even at speeds
- at or above 65mph.

AVAILABLE CONFIGURATIONS

RAW

COAX

2-WAY
COMP

3-WAY
COMP

OEM
REPLACE

6X9

SPECIFICATIONS

MOTO CX6

MOTO CX69

MOTO602HD

Speaker Type-
MR Size-
Mid Max Power-
Mid RMS Power-
Mounting Depth-
Tweeter Size-
Sensitivity-
Freq Response-
Impedance-
Includes Grills-

Coaxial
6.5"
260 Watts
110 Watts
2.31"
25mm
92.5dB
55Hz - 20kHz
4 ohms
No

Coaxial
6" x 9"
300 Watts
125 Watts
3.27"
25mm
95 dB
50Hz - 20kHz
4 ohms
No

Coaxial/Horn
6.5"
250 Watts
125 Watts
2.63"
HLCD
94dB
70Hz - 20kHz
4 ohms
No



MS
Component
Driver

SVC
Single
Voice
Coil

NS
Treated
Nomex
Spider

PM
PEI
Mylar

VC
Vented
Coil
Design

VB
Vented
Basket
Design

CB
Cast
Basket

HT
Hi-Temp
Design

WR
Water
Resistant
Design

CD
Coaxial
Driver

A-SERIES SHALLOW

SUBWOOFERS



Shallow subwoofer designs don't always have to result in the typical shallow performance designs. Impressive output, comforting clarity and accuracy and optimized for use in small, sealed enclosures the A-Series Subwoofers deliver the value, sound and reliability you are looking for! A-Series subwoofers feature large lightweight voice coils hi-temperature design voice coils, UV grade cone and surround materials, and designed to handle the most demanding of listeners!

- Shallow C.R.S. basket design
- Inner core open vent motor design
- Internal Core Spider Landing bridge
- 3" Kapton & Spunlace fiber Former Totku HD-Copper Voice Coil
- Open motor vented design for enhanced cooling
- Progressive twisted pile Polycotton Nomex Spider
- UV Grade Polyether surround
- Light weight Poly injected reinforced pulp cone
- Cellulose fiber, composite treated reinforced hydrophobic cone design
- UV rated hydrophobic grade materials for improved resistance to the elements
- Pre-cleaned and laser etched gluing surface for enhanced bond joint reliability
- Tested and designed to pass ARC Audio's step-up power testing requirements for maximum thermal reliability and resistance to heat generated during long listening periods.

AVAILABLE CONFIGURATIONS

8" | **10"** | **12"** | **DUAL VOICE COIL** | **SEALED ENCLOSURE SUB** | **PORTED ENCLOSURE SUB** | **FREE AIR FRIENDLY SUB**

SPECIFICATIONS

	A-10	A-12
Subwoofer Size-	10"	12"
Max Power Handling (Music)-	500 Watts	600Watts
RMS Power Handling-	250 Watts	300 Watts
Xmax-	15.5mm	15.5mm
Sensitivity-	85.4dB	87dB
Mounting Depth-	3.77"	3.77"
Cutout Diameter-	9.06"	10.91"
Sealed Enclosure (Min)-	.65 cuft	.85 cuft
Sealed Enclosure (Opt)-	.85 cuft	1.0 cuft
Sealed Enclosure (Max)-	1.1 cuft	1.25 cuft
Voice Coil Config Available-	Dual 2 or 4 ohm	Dual 2 or 4 ohm

HT
Hi-Temp
Design

CB
Cast
Basket

PN
Polycotton
Nomex

VC
Vented
Coil
Design

PS
Progressive
Rate
Spider

VM
Vented
Motor
Design

DVC
Dual
Voice
Coil

RD
Raw
Driver

ID
Internal
Motor
Design

ARC & X2 SERIES

SUBWOOFERS



ARC Series

X2 Series

ARC Audio Subwoofers are built for music lovers and enthusiasts who crave powerful, dynamic sound without compromise. Whether you're after heart-pounding bass or refined musical detail, ARC has you covered with solutions that fit a wide range of systems and budgets.

The ARC Series delivers exceptional performance in small to moderate enclosures, combining a premium sound with the hard-hitting low-end that brings your music to life. The ARC Series offers a high-end listening experience at an accessible price—so you get the energy, punch, and quality you deserve.

For those who want the best of both worlds—big sound and big value—the X2 Series steps up with high-temp aluminum voice coils, composite fiber cones, and an innovative hi-roll Conex spider system. Engineered for everyday enclosures, the X2 Series unleashes loud, dynamic bass that transforms any system, all without stretching your budget.

With ARC Audio Subwoofers, you get premium sound, relentless performance, and the freedom to turn it up and feel every beat.

"WOW... the ARC Audio 12D4 outperformed all of my expectations by a large measure"

Eric Holdaway,
Technical Editor
Car Audio and Electronics
Magazine



AVAILABLE CONFIGURATIONS

8"

10"

12"

DUAL VOICE
COIL

SEALED
ENCLOSURE
SUB

PORTED
ENCLOSURE
SUB

FREE AIR
FRIENDLY
SUB

SPECIFICATIONS

ARC 8

ARC 10

ARC 12

X2 10

X2 12

Subwoofer Size-	8"	10"	12"	10"	12"
Max Power Handling (Music)-	300 Watts	500 Watts	700Watts	400 Watts	500 Watts
RMS Power Handling-	150 Watts	250 Watts	350 Watts	200 Watts	250 Watts
Xmax-	15mm	15mm	15mm	13.5mm	13.5mm
Sensitivity-	85.6dB	87dB	89dB	85dB	86dB
Mounting Depth-	4.5"	5.5"	6.0"	5.125"	5.625"
Cutout Diameter-	7.125"	9.125"	11.125"	9.125"	11.125"
Sealed Enclosure (Min)-	.35 cuft	.65 cuft	.9 cuft	.65 cuft	1.0 cuft
Sealed Enclosure (Opt)-	.45 cuft	.75 cuft	1.15 cuft	1.0 cuft	1.25 cuft
Sealed Enclosure (Max)-	.55 cuft	.85 cuft	1.25 cuft	1.25 cuft	1.5 cuft
Voice Coil Config Available-	Dual 2 or 4 ohm	Dual 2 or 4 ohm	Dual 2 or 4 ohm	Dual 2 or 4 ohm	Dual 2 or 4 ohm

SOLUTIONS

OEM SOLUTIONS

INSTALLATION

SRI



As today's new vehicles become more complex and filled with state of the art technology, the ability to personalize your audio system becomes more and more difficult. In addition to the advanced integration products like our Pro-Series DSP's, the ARC Audio S.R.I. gives you a cost effective, straight forward solution to integrate aftermarket audio components into your vehicles factory source unit without a compromise to quality.

The ARC Audio SRI integration module offers a unique approach to OEM integration by a simple visual setup process. Using the provided setup CD and the turn by sight LED indicators, DONE! In addition ARC Audio's BTL autosense turn-on circuit detects the OEM radio's BTL (Chip) used in most factory radios and stock vehicle amplifiers.

Features

- 8 volts output on all channels
- Selectable signal ground isolation
- Auxiliary RCA input w/remote level control
- Selectable Summing, pass thru channel assignment
- Signal summing capability into a single pair of RCA outputs
- Hi-Impedance input levels to virtually eliminate noise problems
- Multi color set-up LED's with setup disk for easy input level setting
- High/speaker level input w/removable header plugs for easy service
- Turn on output (while in autosense mode) for aftermarket amplifiers etc
- Merge almost any 2-way or 3-way OEM signal into a usable full range signal
- RJ45 high voltage balanced output connectors (for SE amplifier use only)
- Selectable signal sense or traditional turn-on w/patented bridge mode detection circuit

BXM

The ARC Audio BXM bass frequency extension module uses ARC Audio's BX2 bass enhancement technology, giving you the power to increase low frequencies in most any system, without putting more demand on your speakers.

BX2 is a bass frequency extension technology that provides perceived bass frequency response below the low frequency cut off in an audio system.

BX2 technology allows the system's user to experience dramatically improved levels of system performance, sound quality and improved low frequency response by increasing low frequency output and performance, without causing the speakers to perform outside their physical design limitations.

The BXM module uses 2-channels of RCA signal input to create 1.8V RMS of signal output, sufficient to drive most any amplifier. The BXM can also be driven from any stock source unit with BTL style speaker output and not require use of the power, ground or remote turn on power leads.



NGM Noise Gate Module



- Filters OEM system noise floor found in many of today's factory source units
- High Voltage Speaker level input
 - Optional Full muting gate
- 2KHz filtered output eliminates sudden losses of output
 - Removes background noise noticeable between tracks created by the factory head unit and poor quality electronics
- Perfect fix for hiss noise found in many newer Ford and GM audio systems

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Why?

So you have a place to take note's, draw pictures,
draft up your next love letter to your significant other,
or use the bullet point headers below to create your
ARC Audio shopping list for your next build!

DSP / DSP Amplifier-	_____	QTY	_____
Amplifier(s)-	_____	QTY	_____
	_____	QTY	_____
Front Speakers-	_____	QTY	_____
	_____	QTY	_____
	_____	QTY	_____
Rear Speakers-	_____	QTY	_____
	_____	QTY	_____
Subwoofers-	_____	QTY	_____

Notes"

MOTORCYCLE AUDIO

Audio Kits

RG15



6.5" Adapter Rings



MOTO 602HD



MOTO CX6



MOTO800



Upgrading the audio system on your second- or third-generation HD Bagger has never been easier. The ARC Audio MPAK 14 kit delivers a complete plug-and-play solution for most 2014+ HD Street Glide and Road Glide models.

Choose between two premium speaker options: a high-efficiency, motorcycle-specific coaxial design or a high-output, horn-loaded compression coaxial — so you get the sound that fits your riding style.

Each kit includes the ultra-efficient Moto800 amplifier, perfectly sized to fit inside the stock fairing with no cutting, modification, or warranty concerns. The plug-and-play interface connects seamlessly to the factory harness.

Looking for more? Add the ARC Audio PSM-PRO DSP to correct the factory EQ curve and unlock full customization of your bike's audio tuning — for sound performance tailored to your exact preferences.

AVAILABLE CONFIGURATIONS

<2013 ROADGLIDE	<2013 STREETGLIDE	2014-2023 ROADGLIDE	2014-2023 STREETGLIDE	2024+ ROADGLIDE	2024+ STREETGLIDE
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SPECIFICATIONS	MPAK13CX	MPAK13HD	MPAK14CX	MPAK14HD	MPAK24CX	MPAK24HD
MOTO800 AMPLIFIER-	INCLUDED	INCLUDED	INCLUDED	INCLUDED	INCLUDED	INCLUDED
HD-FH2013 HARNESS KIT-	INCLUDED	INCLUDED	N/A	N/A	N/A	N/A
HD-FH2014 HARNESS KIT-	N/A	N/A	INCLUDED	INCLUDED	N/A	N/A
HD-FH2024 HARNESS KIT-	N/A	N/A	N/A	N/A	INCLUDED	INCLUDED
RG15-	N/A	N/A	INCLUDED	INCLUDED	N/A	N/A
6.5" ADAPTER RINGS-	INCLUDED	INCLUDED	N/A	N/A	N/A	N/A
MOTO CX6 6.5 SPEAKERS-	INCLUDED	N/A	INCLUDED	N/A	INCLUDED	N/A
MOTO602 HD SPEAKERS-	N/A	INCLUDED	N/A	INCLUDED	N/A	INCLUDED
MOUNTING HARDWARE-	INCLUDED	INCLUDED	INCLUDED	INCLUDED	INCLUDED	INCLUDED
PSM-PRO (SOUND PROCESSOR)-	(OPTIONAL)	(OPTIONAL)	(OPTIONAL)	(OPTIONAL)	INCLUDED	INCLUDED
HD24-DSPBRACKET	(OPTIONAL)	(OPTIONAL)	(OPTIONAL)	(OPTIONAL)	INCLUDED	INCLUDED
AMPLIFIER POWER @4-OHMS-	4 X 180 WATTS	4 X 180 WATTS	4 X 180 WATTS	4 X 180 WATTS	4 X 180 WATTS	4 X 180 WATTS
AMPLIFIER POWER @2-OHMS-	4 X 200 WATTS	4 X 200 WATTS	4 X 200 WATTS	4 X 200 WATTS	4 X 200 WATTS	4 X 200 WATTS
AMP FREQ RESPONSE-	10hZ - 20KhZ	10hZ - 20KhZ	10hZ - 20KhZ	10hZ - 20KhZ	10hZ - 20KhZ	10hZ - 20KhZ
FANCOOLED-	YES (INTERNAL)	YES (INTERNAL)	YES (INTERNAL)	YES (INTERNAL)	YES (INTERNAL)	YES (INTERNAL)

MOTORCYCLE AUDIO

INSTALLATION &
INTEGRATION

PROCESSING & Integration

The PSM-PRO is the smallest, most powerful DSP in motorcycle audio — the ultimate signal correction solution to unleash the full sound potential of 2024+ HD bikes, with no mods or fairing cuts needed.



PSM-PRO

Say goodbye to the limitations of your factory HD audio system. The ARC Audio PSM-Pro digital sound processor gives you the tools to smooth out factory tuning, correct signal issues, and tame artificial bass enhancement — all while working alongside the factory amplifier. It's the first step toward transforming your ride's audio performance.

For riders seeking the full experience — a clean, uncompromised 20Hz–20kHz signal — take it to the next level with the iDataLink Maestro AR (for 2014–2023 HD Street Glide & Road Glide) or the Nav-TV NTV-KIT1021 (for 2024+ HD Road Glide & Street Glide). These integration modules allow you to remove the factory amplifier completely, clearing the path for maximum power, pristine sound quality, and a concert-level experience on two wheels.



IDATA Maestro AR
2014-2023 Compatible Bikes



NAV-TV NTV-KIT1021
2024+ Compatible Bikes

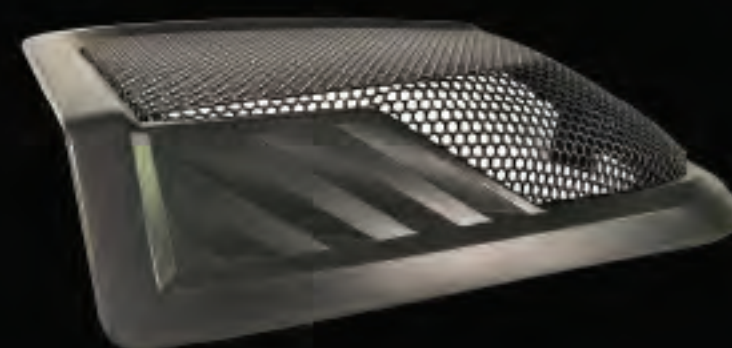
Whether you're refining your factory system or going all-in on an aftermarket upgrade, the PSM-Pro puts you in control of your perfect sound.

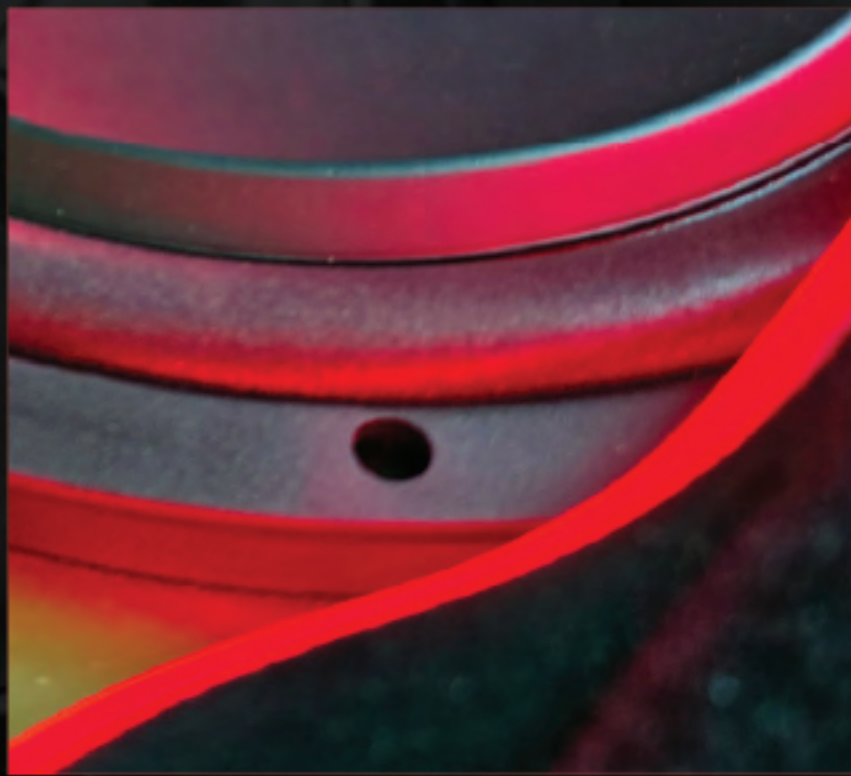
HD 6X9 BAG LID CUTOUT KITS



(BAG LID NOT INCLUDED)

ARC Audio's new HD-CutKit 14-23 takes bag lid speaker upgrades for 2014–2023 HD Baggers to the next level. Built from installer feedback, this kit features precision ABS cut templates, reinforced speaker adapters, and a wide mounting surface to handle even the largest 6x9 speakers — no more limits on your speaker choice. With threaded metal inserts, a perfect contoured fit, and a heavy-duty OFC wire harness, it's built for flawless sound and durability, even under extreme conditions. Ready to ship worldwide.





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