



**Audiobahn®**

2011 COLLECTION



# Audiobahn®

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**Audiobahn®**

**The Brand. The Lifestyle. The Legend.**

The road to building a successful car audio company like Audiobahn is never easy. When you combine an unyielding dream, the aspiration to succeed and the vision to manufacture car audio equipment that could literally blow the top off a car, you've got a brand that's in for an unpredictable ride.

Stepping into a world of uncertainty is exactly what took place back in 1997 when Audiobahn was first introduced to the mobile entertainment industry. We simply wanted to produce cutting-edge car audio equipment that we would be proud of. Little did we know that our simple end goal would later become the industry leader in innovative car audio technology and award-winning design. Our vision not only turned us into the world's most respected name in the industry, Audiobahn also became a lifestyle phenomenon in the car audio entertainment category.

It all began with a few simple subwoofers and amplifiers that a modest number of car audio dealers and shops believed in. Produced with durability and exceptional sound quality in mind, our Audiobahn designers began to increase the product line year after year. And with each passing season more and more customers became part of that vision.

And now in 2011, Audiobahn can be found in many of the best retailers all over the world. Customers, fans, car and music enthusiasts, celebrities, athletes, and cross-marketing partners have all endorsed Audiobahn over the years making us the most popular brand in car audio history. It is our commitment to remain just as progressive today as we were the first day of business. We will continue to dominate and redefine mobile electronics the only way we know how-- with style.



# A18001DJ

# A12001DJ

# CLASS D SERIES

## features

**POWER EFFICIENCY:** Our series of mono block Class D amplifiers by Audiobahn are designed to provide raw power to drive subwoofers. These amplifiers utilize digital switching, an effective method for increasing power from your vehicle's electrical system. This technology gives Audiobahn's Class D amplifiers the stability to operate impedances as low as 1 ohm and still remain cool enough to utilize smaller heat sinks and outer chassis.

**DUAL COOLING FANS:** Audiobahn Class D amplifiers feature dual cooling fans which aid in the increase of airflow to critical components on the circuit board's surface area. This helps maintain the amplifier's optimum operating temperature which preserves its longevity and power output. In addition, our Class D amplifiers are designed with chassis exhaust venting and side-rail fins to help eliminate harmful heat from sensitive inner components.

**CLIPPING INDICATOR:** When an amplifier is operating outside of its output threshold it can produce square waves or DC current, which can be harmful to subwoofers. This is known as clipping. As a result, all Class D amplifiers from Audiobahn are made with a digital clipping indicator to ensure maximum performance out of your amplifier without sending any damaging signals to your subwoofers.

- MULTI-STRANDED POWER SUPPLY TOROIDS
- DOUBLE-SIDED GLASS EPOXY CIRCUIT BOARD
- THD: 0.05% • S/N RATIO: >100DB (+/- 1DB) • FREQUENCY RESPONSE: 10HZ-200HZ • REMOTE BASS CONTROL WITH BLUE BACKLIT KNOB
- INPUT SENSITIVITY: 200MV ~ 8V • VARIABLE 18DB LOW-PASS CROSSOVER: 50HZ - 250HZ
- SUBSONIC FILTER: 20HZ - 50HZ • VARIABLE BASS BOOST: 0 - 18DB
- VARIABLE BASS BOOST FREQUENCY: 40HZ - 100HZ • VARIABLE PHASE CONTROL: 0° - 180°
- LARGE DISPLAY VOLT METER WITH BLUE ILLUMINATION
- THROUGHPUT RCA CONNECTIONS
- 4-WAY PROTECTION CIRCUITRY: THERMAL, SHORT CIRCUIT, OVERLOAD AND DC OFFSET
- DUAL COOLING FANS • COBALT BLUE ILLUMINATION
- LINKABLE AMPLIFIERS
- CHROME FLAME FAN GRILLES
- HIGH GLOSS CHROME-PLATED FINISH
- NICKEL-PLATED BLOCK TERMINALS

## Class D Mono Block Amplifiers

	A18001DJ	A12001DJ
4 Ohm Mono	700 x 1	450 x 1
2 Ohm Mono	1300 x 1	800 x 1
1 Ohm Mono	2500 x 1	1500 x 1
Height	2 1/2"	2 1/2"
Width	11 15/16"	11 15/16"
Length	16 7/8"	14 3/4"

**Audiobahn®**

04/05

globe™



A18001DJ



A12001DJ



**ABR100J Remote Mount Bass Boost Control with Clipping Indicator**

Audiobahn's remote bass boost knob gives you the power to quickly adjust the bass without changing the control functions of your head unit. Included with all Class D amps.



**Patented Flame Grille Design**

Two fan grilles included with each set.

Patent# D423,503  
Patent# D473,213 S  
Trademark# 2,860,760  
Trademark# 2,840,892

**JASON ELLIS**  
Sirius XM Radio Host / Professional Skateboarder / Mixed Martial Artist  
ellismania.com

# HIGH

# CURRENT SERIES

HIGH CURRENT CIRCUITRY • PWM MOSFET POWER SUPPLY • DOUBLE-SIDED GLASS EPOXY CIRCUIT BOARD  
 • S/N RATIO: >100DB (+/- 1DB) • FREQUENCY RESPONSE: 10HZ - 20KHZ • INPUT SENSITIVITY: 200MV ~ 8V •  
 VARIABLE 24DB HIGH-PASS CROSSOVER: 50HZ - 750HZ • VARIABLE 24DB LOW-PASS CROSSOVER: 30HZ -  
 120HZ • VARIABLE SUBSONIC FILTER: 20HZ - 45HZ • VARIABLE BASS BOOST: 0 - 18DB • VARIABLE BASS BOOST  
 FREQUENCY: 40HZ - 100HZ • RCA THROUGHPUT CONNECTIONS • 4-WAY PROTECTION CIRCUITRY: THERMAL,  
 SHORT CIRCUIT, OVERLOAD, AND DC OFFSET • DUAL COOLING FANS • DIGITAL VOLTMETER • COBALT BLUE  
 ILLUMINATION • HIGH GLOSS CHROME-PLATED FINISH • NICKEL-PLATED BLOCK TERMINALS



**ABR100J**  
 Remote Mount Bass  
 Boost Control with  
 Clipping Indicator  
 Included with all  
 High Current amps.



A2300HCJ

A2200HCJ

A1500HCJ



Digital Meter

## High Current Multi-Channel & Mono Block Amplifiers

	A2300HCJ	A2200HCJ	A1500HCJ
4 Ohm Stereo	450 x 2	300 x 2	N/A
2 Ohm Stereo	700 x 2	600 x 2	N/A
1 Ohm Stereo	1000 x 2	850 x 2	N/A
4 Ohm Mono	600 x 1	500 x 1	600 x 1
2 Ohm Mono	1200 x 1	1000 x 1	1100 x 1
1 Ohm Mono	2400 x 1	2000 x 1	2200 x 1
Height	2 1/2"	2 1/2"	2 1/2"
Width	11 15/16"	11 15/16"	11 15/16"
Length	25 5/8"	23"	18 1/2"

06/07



**STABILITY:** Audiobahn High Current amplifiers utilize an advance power supply to increase the stability of their traditional AB MOSFET circuitry. This means High Current amplifiers can operate at much lower impedances and output more power than traditional AB MOSFET amplifiers. These competition amplifiers are stable to impedances as low as 1 ohm mono which allows them to drive maximum power to any component in a vehicle's sound system. Audiobahn also employs unregulated power supplies which implies the higher the voltage of your electrical system, the more power the amplifier will produce. This makes these power-hunger amplifiers ideal for competition.

**DIGITAL METER:** Digital voltmeters are featured on all Audiobahn High Current amplifiers. Adding an element of control, the visual indicator allows you to see the voltage of your vehicle and how much voltage the amplifier is receiving. The digital volt meter's cobalt blue LED illumination is visible in the dark.

**4-WAY PROTECTION CIRCUITRY:** All Audiobahn amplifiers feature 4-way protection circuitry which is designed to defend the amplifiers from thermal overload, internally-contained short circuits, voltage overload and DC offset. 4-Way protection ensures that these amplifiers will continue to operate despite the "real world" mishaps that can occur in the mobile audio environment.

Patent# D423,503  
 Patent# D473,213 S  
 Trademark# 2,860,760  
 Trademark# 2,950,610  
 Trademark# 2,840,892

**LEXANI WHEELS**  
 26-inch LSS-10  
 lexani.com

A4000J  
A6000J  
A8000J  
A16000J



A16000J



A6004J



A8000J



A4004J

**ADM100J  
Remote Mount  
Digital Volt Meter**

Displays the vehicle's charging system's operating voltage while offering a unique custom look. Optional.

**ABR100J  
Remote Mount Bass  
Boost Control**

Optional.

**DIGITAL DC INPUT VOLTAGE:** Audiobahn Intake Amplifiers feature an on-board cobalt blue digital volt meter which allows a quick assessment of your vehicle's charging voltage to the amplifier. During normal operation, the display should read between 11.5V and 14.4V. A LO or HI readout indicates a problem that requires attention.

**AIR INTAKE FAN:** Audiobahn's Intake Series of amplifiers were made to be ultra-durable and allow for installation versatility. Since heat weakens the inner workings of any electrical component, attention was put into the placement of the air-induction groove and air intake fan. These design components help force cooler outside air into the chassis of the amplifier and help to maintain its optimum operating temperature.

**NICKEL-PLATED BLOCK TERMINALS:** Audiobahn uses nickel-plated block terminals to ensure increased productivity and maintaining proper connection. Because nickel is an ideal electrical conductor, the flow of power is essential in maintaining proper current flow through power connections. The nickel-plated block terminals provide a more efficient power transfer from output terminals to speakers and subwoofers and make a more solid and secure connection for all wires. Each terminal block is also encased in black ABS plastic to prevent short circuits and accidental wire entanglement.

**Audiobahn®**

**INTAKE SERIES**  
features

CLASS A/B MOSFET CIRCUITRY • PWM MOSFET POWER SUPPLY • DOUBLE-SIDED GLASS EPOXY CIRCUIT BOARD • THD: 0.02% • S/N RATIO: >100DB (+/- 1DB) • FREQUENCY RESPONSE: 10HZ - 40KHZ • INPUT SENSITIVITY: 200MV ~ 8V • VARIABLE 18DB HI-PASS CROSSOVER: 50HZ - 750HZ • VARIABLE 18DB LOW-PASS CROSSOVER: 50HZ - 120HZ • BASS BOOST ON / OFF • SUBSONIC FILTER: 20HZ - 50HZ • RCA THROUGHPUT CONNECTIONS • 3-WAY PROTECTION CIRCUITRY: THERMAL, SHORT CIRCUIT AND OVERLOAD COOLING FAN • COBALT BLUE ILLUMINATION • HIGH GLOSS CHROME-PLATED FINISH • RCA AND HIGH LEVEL INPUTS

**Intake Multi-Channel  
A/B & Mono Block  
Amplifiers**

	A16000J	A8000J	A6004J	A4004J
<b>4 Ohm Stereo</b>	N/A	N/A	100 x 4	50 x 4
<b>2 Ohm Stereo</b>	N/A	N/A	200 x 4	100 x 4
<b>4 Ohm Mono</b>	900 x 1	500 x 1	400 x 2	200 x 2
<b>2 Ohm Mono</b>	1800 x 1	1000 x 1	N/A	N/A
<b>Height</b>	2 1/8"	2 1/8"	2 1/8"	2 1/8"
<b>Width</b>	11 1/16"	11 1/16"	11 1/16"	11 1/16"
<b>Length</b>	15 5/8"	11 7/8"	9 7/8"	9 1/8"

GLASSES MALONE  
Rapper  
whoisgmalone.com

A2002J  
A5005J  
A4002J  
A8002J



# INTAKE SERIES

CLASS A/B MOSFET CIRCUITRY • PWM MOSFET POWER SUPPLY • DOUBLE-SIDED GLASS EPOXY CIRCUIT BOARD • THD: 0.02% • S/N RATIO: >100DB (+/- 1DB) • FREQUENCY RESPONSE: 10HZ - 40KHZ • INPUT SENSITIVITY: 200MV ~ 8V • VARIABLE 18DB HI-PASS CROSSOVER: 50HZ - 750HZ • VARIABLE 18DB LOW-PASS CROSSOVER: 50HZ - 120HZ • BASS BOOST ON / OFF • SUBSONIC FILTER: 20HZ - 50HZ • RCA THROUGHPUT CONNECTIONS • 3-WAY PROTECTION CIRCUITRY: THERMAL, SHORT CIRCUIT AND OVERLOAD COOLING FAN • COBALT BLUE ILLUMINATION • HIGH GLOSS CHROME-PLATED FINISH • RCA AND HIGH LEVEL INPUTS



A8002J



A4002J



A2002J

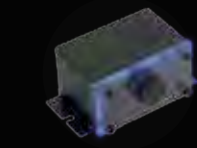
### ADM100J Remote Mount Digital Volt Meter

Displays the vehicle's charging system's operating voltage while offering a unique custom look. Optional.



### ABR100J Remote Mount Bass Boost Control

Optional.



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## Intake Multi-Channel A/B & Mono Block Amplifiers

4 Ohm Stereo  
2 Ohm Stereo  
4 Ohm Mono  
2 Ohm Mono  
Height  
Width  
Length

	A8002J	A4002J	A5005J	A2002J
4 Ohm Stereo	250 x 2	125 x 2	50 x 4 + 250 x 1	75 x 2
2 Ohm Stereo	500 x 2	250 x 2	100 x 4 + 500 x 1	100 x 2
4 Ohm Mono	1000 x 1	500 x 1	200 x 2 + 500 x 1	300 x 1
2 Ohm Mono	N/A	N/A	N/A	N/A
Height	2 1/8"	2 1/8"	2 1/8"	2 1/8"
Width	11 1/16"	11 1/16"	11 1/16"	11 1/16"
Length	11 7/8"	8 3/8"	17 5/8"	6 13/16"

A5005J

# ACAP7J ABD40J AEQ6J

**Audiobahn**

## CAPACITOR

ACAP7J

**2 Farad Digital Capacitor Bank w/ Distribution Blocks**



**CAPACITORS:** Though amplifiers already have internal capacitors, their size and capacity is limited to keep the amplifier more compact. External capacitors help to deliver power when the audio system places severe demands on the electrical system of the automobile. They are designed to store power to be made available to the amplifier under extreme current draw. Aluminum capacitors have very fast charge/discharge times. Carbon cell capacitors have a higher capacity in a smaller design. Audiobahn offers a traditional aluminum 2-farad capacitor with a choice of standard connection terminals or distribution blocks.

- 2 FARAD CAPACITY
- 24 VOLT RATED - 30 VOLT SURGE
- AUTO ON / OFF BLUE FOUR-DIGIT READOUT
- BLUE LED INDICATOR LIGHT
- ELECTRONIC POLARITY PROTECTION CIRCUIT
- OVERVOLTAGE PROTECTION CIRCUIT
- SOFT ON / OFF CIRCUIT
- MOUNTING BRACKETS & HARDWARE

ABD40J

**High Performance Trunk Mount Bass Driver**

## BASS DRIVER



- FREQUENCY RESPONSE: 10HZ - 100KHZ
- S/N: >130DB • THD: 0.003% •
- MAXIMUM INPUT: 15 VOLTS RMS •
- BALANCED INPUTS • PWM POWER SUPPLY •
- REMOTE MOUNT LEVEL CONTROL •
- BLUE LED INDICATOR LIGHT
- DIMENSIONS: 1 15/16" (H) X 5 5/8" (W) X 6 3/4" (L)

12/13

AEQ6J

**In-Dash Equalizer and Pre-Amp**

## PROCESSOR



- FIVE-BAND STEREO EQUALIZER (45HZ, 100HZ, 700HZ, 2KHZ AND 15KHZ)
- SUBWOOFER FREQUENCIES ADJUSTABLE 35HZ/250HZ
- DIMENSIONS: 1" (H) X 6 7/8" (W) X 3 13/16" (D)
- ACTIVE GAIN PRE-AMPLIFIERS WITH ADJUSTABLE INPUT SENSITIVITY
- UNIVERSAL HALF-DIN CHASSIS FOR EASE OF INSTALLATION
- INDIVIDUAL LEFT AND RIGHT INPUT SENSITIVITY CONTROLS FOR DVD INPUT • ADJUSTABLE GAIN WITH UP TO 8V OUTPUT • LOW NOISE BI-FET OP-AMP DESIGN YIELDS MINIMUM DISTORTION • ON-BOARD 30V BI-POLAR SWITCHING POWER SUPPLY • SUBWOOFER OUTPUT AND LEVEL CONTROLS • GOLD-PLATED RCA INPUT CONNECTORS • 20DB HEADROOM ELIMINATES SIGNAL OVERLOAD • MAIN / DVD INPUT SELECTOR

RUE MELO SOUL / R&B GROUP  
Photographer: Carrie Camacho  
Soulsol Creations  
myspace.com/soulsolcreations

# AWIS15J AWIS12J

## Immortal Subwoofers

	AWIS15J	AWIS12J
Size	15"	12"
Magnet Weight	200 oz.	200 oz.
Power Handling	2250 RMS	2000 RMS
Freq. Response	20Hz - 700Hz	23Hz - 700Hz
Efficiency	97dB	95dB
Voice Coil	3" Quad 2 Ohm	3" Quad 2 Ohm
Operation	0.5, 2 or 8 Ohm	0.5, 2 or 8 Ohm
Mouting Depth	9 5/8"	8 5/8"
Hole Cutout	13 3/4"	10 7/8"
Outer Diameter	15 1/4"	12 1/4"

**Audiobahn®**

# IMMORTAL SERIES

Features

PROPRIETARY TALL EXCURSION FOAM SURROUND: ALLOWS FOR MAXIMUM EXCURSION AND MAXIMUM CONE SURFACE AREA • ULTRA LIGHT 2-LAYER CARBON FIBER, KEVLAR® CONE WITH ALUMINUM DUSTCAP • TRIPLE STACK MAGNET • CHROME PLATED 3-DIMENSIONAL CAST ALUMINIUM BASKET • 25MM TOP PLATE FOR INCREASED EFFICIENCY • 2 OHM VOICE COIL WOUND ON BLACK ANODIZED ALUMINUM FORMER

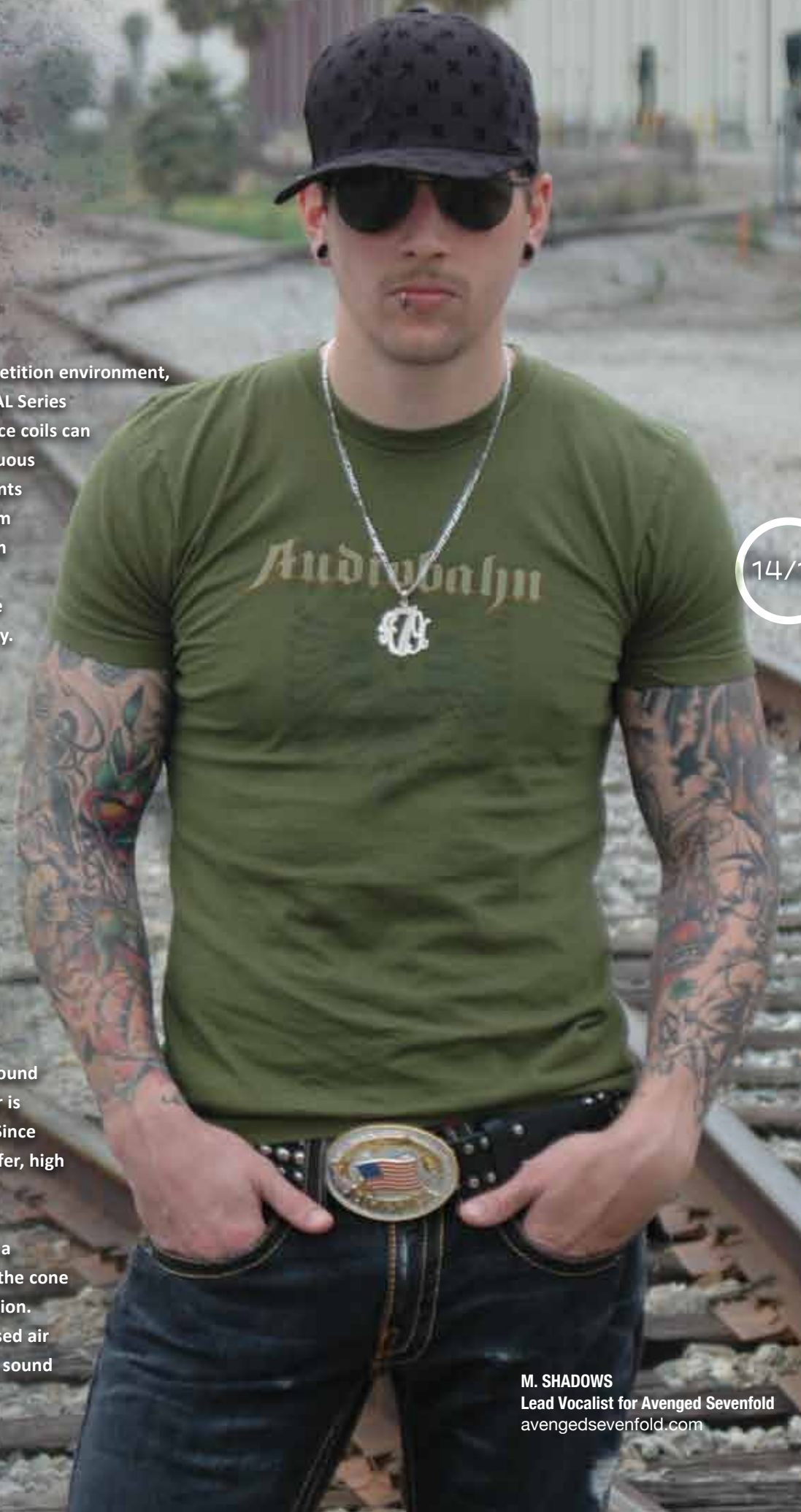


AWIS12J

Designed specifically for the competition environment, Audiobahn presents the IMMORTAL Series subwoofers. Their quad 2 ohm voice coils can handle up to 2250 watts of continuous power. They feature design elements like 200oz. triple-stacked Strontium magnets, proprietary tall excursion foam surrounds, and 25mm top plates, all ensuring maximum cone excursion and subwoofer efficiency. The Audiobahn IMMORTAL series subwoofers packages these advanced qualities into an ultra-durable, cosmetically-appealing, chromed 3-dimensional die cast aluminum basket.

**CONE:** The ultra-light 2-layer laminated carbon fiber Kevlar cone features an aluminum dustcap, making the cone rigid as well as lightweight. This design allows the cone to travel more easily with the same amount of power. More pressure and more sound can be created because less power is wasted controlling a heavy cone. Since this is an SPL competition subwoofer, high efficiency is crucial.

**BACK-PLATE:** This woofer features a bumped back-plate, which allows the cone to travel further, increasing excursion. Increased excursion means increased air displacement leading to increased sound pressure levels.





# ALUM12J ALUM10J

## Sound Q Subwoofers

	ALUM12J	ALUM10J
Size	12"	10"
Magnet Weight	120 oz.	120 oz.
Power Handling	1000 RMS	800 RMS
Freq. Response	18Hz - 500Hz	20Hz - 500Hz
Efficiency	96.4dB	95.6dB
Voice Coil	3" Dual 6 Ohm	3" Dual 6 Ohm
Operation	3 or 12 Ohm	3 or 12 Ohm
Mounting Depth	5 5/8"	5"
Hole Cutout	11"	9 3/4"
Outer Diameter	12 3/4"	10 7/8"



ALUM10J



**DUAL 6-OHM CONFIGURATION:** Accommodating the rising trend of triple-subwoofer applications, Audiobahn's Sound Q subwoofers come in dual 6-ohm configurations. This allows three Sound Q subwoofers to be wired in a 1- or 4-ohm operation. You now have the option to use a wider range of amplifiers to fit the needs of your specific application.



16/17

**SURROUND:** To lengthen the life of the woofer and to ensure continued enjoyment, this series' surround is made from EPDM rubber, a denser yet flexible material that is designed to hold its shape over time. It is made to withstand weather conditions such as high and low temperatures.

**MULTI-CONNECT LUG LOCK TERMINALS:** Audiobahn's patented Multi-Connect Lug Lock Terminals offer increased versatility in wiring multiple subwoofers to an amplifier or to another voice coil. Multi-connect terminals allow you to use single wire connections in each terminal rather than combining multiple wires into one terminal. This feature allows you to use a full 8-gauge wire in each terminal.

## SOUND Q SERIES features

- PHAT 1.75" EPDM RUBBER SURROUND • SPUN ALUMINUM CONE
- DUAL 6 OHM VOICE COIL • MULTI-CONNECT LUG LOCK TERMINALS



Nissan GTR  
Model: Melissa Riso

AW1500  
AW1200  
AW1000

**Audiobahn®**



**VERSATILITY:** Audiobahn's High Excursion subwoofer is regarded as the most widely applicable performance subwoofer. Whether it's installed in a sealed, ported or band pass enclosure or even in novice SPL applications, this subwoofer will adapt to your ever-changing car audio needs and various musical tastes.

**SURROUND:** The taller, narrower surround increases cone surface area which means more air displacement, which gives way to greater efficiency. Also, since the surround is taller, it creates a longer excursion with the same linear control.

**CONE:** This series of subwoofers features a high-gloss cone made from high-strength carbon composite with laminated pulp reinforcement. The cone is much sturdier than paper cones, allowing for more aggressive operation.

MODEL: LEONELA WALTRICK  
leonelawaltrick.com  
Photographer: Cherry Gardner

# HIGH EXCURSION

features

- TALL NARROW FOAM SURROUND • DUAL 4 OHM VOICE COIL
- MULTI-CONNECT LUG LOCK TERMINALS

PATENTED  
MULTI-CONNECT  
LUG LOCK  
TERMINALS  
Patent# 6,656,000 B2



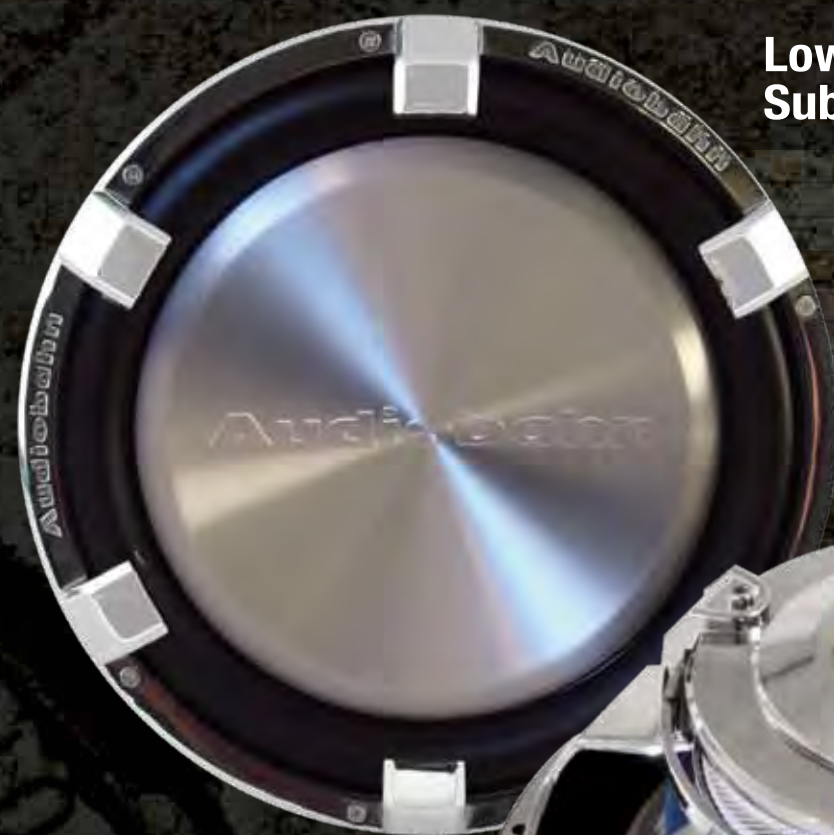
## High Excursion Subwoofers

	AW1500J	AW1200J	AW1000J
Size	15"	12"	10"
Magnet Weight	130 oz.	120 oz.	120 oz.
Power Handling	800 RMS	700 RMS	600 RMS
Freq. Response	18Hz - 500Hz	20Hz - 500Hz	23Hz - 500Hz
Efficiency	97.44dB	94.65dB	94.1dB
Voice Coil	3" Dual 4 Ohm	2.5" Dual 4 Ohm	2.5" Dual 4 Ohm
Operation	2 or 8 Ohm	2 or 8 Ohm	2 or 8 Ohm
Mounting Depth	7 1/8"	5 5/8"	5"
Hole Cutout	14 1/4"	11 1/2"	9 3/4"
Outer Diameter	15 1/2"	12 3/4"	10 7/8"

18/19



AW1000J



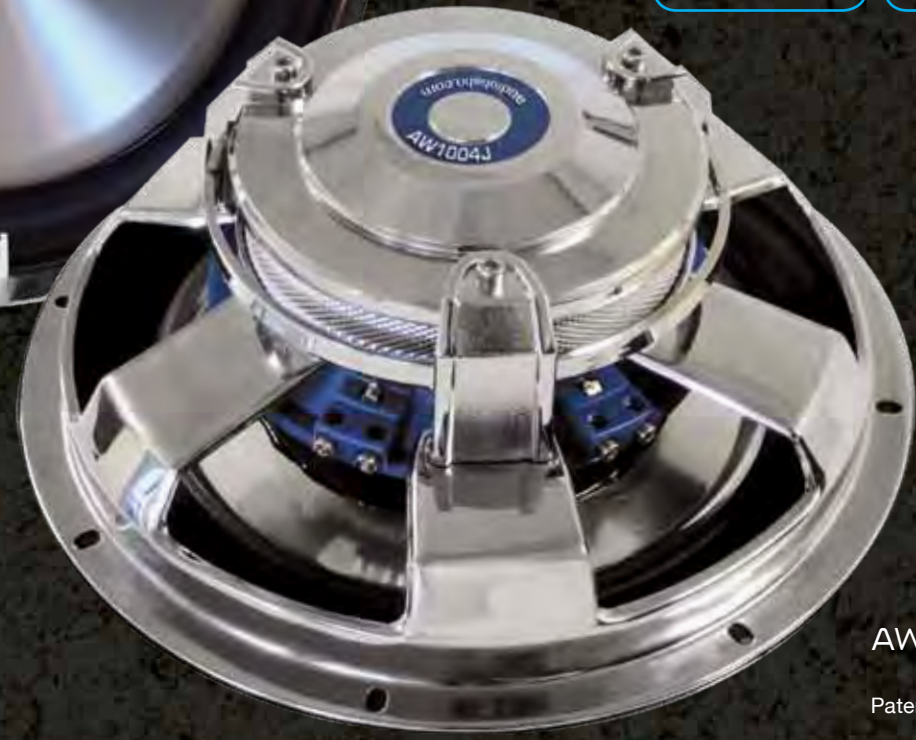
## Low Profile Subwoofers

	AW1204J	AW1004J
Size	12"	10"
Magnet Weight	50 oz.	50 oz.
Power Handling	500 Watts RMS	400 Watts RMS
Freq. Response	24Hz - 500Hz	28Hz - 500Hz
Efficiency	93.8dB	92dB
Operation	2 or 8 Ohm	2 or 8 Ohm
Mounting Depth	4 3/4"	4 5/8"
Hole Cutout	11 1/4"	9 3/16"
Outer Diameter	12 3/8"	10 3/8"

# LOW PROFILE features

- PHAT 1.75" EPDM RUBBER SURROUND
- SPUN ALUMINUM CONE
- DUAL 4 OHM VOICE COIL
- MULTI-CONNECT LUG LOCK TERMINALS

Audiobahn's Low Profile Subwoofers performs superbly with extreme bass with minimal space. The low profile design was specifically made to fit in the smaller areas of a vehicle while offering superior performance. With a spun aluminum cone, high strength glass fiber enhanced surround, and 8-gauge lug-lock terminals, these low profile woofers are proven performers for our true car audio enthusiasts.



AW1004J

Patent# 6,656,000 B2



AW1571J  
 AW1251J  
 AW1051J



AW1051J

Patent# 6,656,000 B2  
 Trademark# 2,860,760

# NATURAL SOUND

- MULTI-CONNECT LUG LOCK TERMINALS •
- DUAL 4 OHM VOICE COIL • 2 OR 8 OHM OPERATION

CD310 • CD312 • CD315

## LED Illuminated Universal Grilles

Audiobahn Grilles are designed with high excursion subwoofers in mind. Available in stamped steel and cast aluminum versions with chrome or polished finishes, you can choose from the vibrant array of styles and sizes to fit the needs of your unique install.



## Natural Sound Subwoofers

	AW1571J	AW1251J	AW1051J
<b>Size</b>	15"	12"	10"
<b>Magnet Weight</b>	60 oz.	45 oz.	45 oz.
<b>Power Handling</b>	500 RMS	400 RMS	300 RMS
<b>Freq. Response</b>	21Hz - 1kHz	24Hz - 1kHz	28Hz - 1kHz
<b>Efficiency</b>	93.4dB	92.1dB	91dB
<b>Voice Coil</b>	2" Dual 4 Ohm	2" Dual 4 Ohm	2" Dual 4 Ohm
<b>Operation</b>	2 or 8 Ohm	2 or 8 Ohm	2 or 8 Ohm
<b>Mounting Depth</b>	6 7/8"	5 1/4"	4 5/8"
<b>Hole Cutout</b>	13 7/8"	10 7/8"	9"
<b>Outer Diameter</b>	15 3/8"	12 1/2"	10 1/4"

**STAMPED STEEL BASKET, MULTI-CONNECT LUG LOCK TERMINALS:** These Audiobahn subwoofers feature Stamped Steel Baskets. The thickness and curvature of the 3-dimensional flames have been computer-modeled to better prevent resonance and vibration during operation. In addition, the multi-connect terminals allow for single wire connections in each terminal rather than combining multiple wires into one terminal.

**CONE & SURROUND:** This woofer features a KM3 coated, non-pressed paper cone, which is lightweight and efficient for a true-to-life sound, hence the name "Natural Sound." The J-type narrow foam surround gives the woofer more cone surface area, more efficiency and the ability to reproduce a wider range of audio frequencies.



**TROOFBETOLD**  
 Rapper, Songwriter, Producer  
 troofbetold.com

**BLOODBATH STREETWEAR AND APPAREL**  
 bloodbathproject.com

Patent# D473,213 S  
 Trademark# 2,860,760  
 Trademark# 2,840,892



ABC525J  
 ABC600J  
 AT60J  
 AT61J



ABC600J



**CONE:** The 3-layer silk honeycomb cone is lightweight and maintains its rigidity. Audiobahn's use of this material adds to the speaker's structural integrity and helps produce a cleaner, more natural sound for lower-power applications.

**CROSSOVER:** Audiobahn has included a tweeter attenuation switch which allows for increased control of your component system. This switch lets you manually adjust the brightness of your tweeters by 3dB. Additionally the two internal crossover coils are strategically mounted at 90 degree angles to eliminate signal cross-talk.

**BINDING POSTS** Each stamped basket component system features gold-plated binding posts. Since gold is an excellent conductor of electricity, it allows low resistance transfer from the signal cable to the speaker and simultaneously resists corrosion.

# ABC COMPONENT SERIES

features

- MULTI-LAYER HONEYCOMB CONE • BUTYL RUBBER SURROUND • 2 LAYER HIGH-TEMP ASV VOICE COIL • 1" NEODYMIUM SILK DOME SWIVEL TWEETER • SURFACE OR FLUSH MOUNT • COMPONENT MATCHED 12DB PER OCTAVE • CROSSOVER NETWORK • 4 OHM IMPEDANCE



ABC525J

## ABC Series Component Speakers

	ABC600J	ABC525J
<b>Size</b>	6.5"	5.25"
<b>Magnet Weight</b>	15 oz.	15 oz.
<b>Power Handling</b>	140 RMS	120 RMS
<b>Freq. Response</b>	30Hz - 25kHz	35Hz - 25kHz
<b>Sensitivity</b>	91dB	90dB
<b>Impedance</b>	4 Ohm	4 Ohm
<b>Mouting Depth</b>	2 5/8"	2 1/8"

### AT60J 16mm Silk Dome Tweeter

Ferro fluid Cooled and Hi-Flux neodymium magnet Flush, surface and flex mount hardware 12dB crossover with audiophile grade capacitors and polyswitch protection.  
 Impedance: 4 Ohm  
 Frequency Response: 2kHz - 22kHz  
 Power Handling: 100 Watts RMS Pair  
 Sensitivity: 90dB 1W / 1M



### AT61J 19mm Titanium Dome Tweeter

Ferro fluid Cooled and Hi-Flux neodymium magnet Flush, angle and surface mount hardware with 360° swivel function 12dB crossover with audiophile grade capacitors and polyswitch protection.  
 Impedance: 4 Ohm  
 Frequency Response: 2.5kHz - 25kHz  
 Power Handling: 100 Watts RMS Pair  
 Sensitivity: 90dB 1W / 1M



AS69J  
AS65J  
AS46J



AS69J



AS65J

### AS Full Range Speakers

	AS69J	AS65J	AS46J
Size	6X9"	6.5"	4X6"
Magnet Weight	40 oz.	18 oz.	15 oz.
Power Handling	200 RMS	100 RMS	80 RMS
Freq. Response	50Hz - 20kHz	50Hz - 20kHz	60Hz - 20kHz
Sensitivity	95dB	94dB	93dB
Impedance	4 Ohm	4 Ohm	4 Ohm
Mounting Depth	3 1/2"	2 1/4"	1 3/4"



AS46J



#### Each Speaker Kit Includes:

- 1 SET SATIN CHROME-PLATED, 6-SPOKE GRILLES
- 1 SET CONVENTIONAL MESH GRILLES
- 1 SET REMOVABLE MYLAR TWEETERS WITH MOUNTING HARDWARE
- 1 SET REMOVABLE TWEETER CAPS

**REMOVABLE TWEETER:** Audiobahn's AS Series Speaker system features a removable tweeter with included mounting hardware. This allows you to position the tweeter in factory locations (if available) or to install them in a location that is more appropriate for enhanced audio imaging.

**OPTIONAL CROSSOVER:** To improve upon this unique design, you can add the ASX02J 12dB 2-way passive crossover. This separates the frequencies between the tweeter and midrange speaker, improving overall sound.

**OPTIONAL SILK DOME TWEETERS:** Audiobahn makes available optional 20mm silk dome tweeters to further increase your system's overall sound quality.

# AS CONVERSION COMPONENT SERIES

features

- REMOVABLE TWEETER FOR REMOTE MOUNTING
- BLACK ICE BASKET
- POLY CARBON CONE
- BUTYL RUBBER SURROUND
- 2-LAYER HIGH-TEMP ASV VOICE COIL
- POLYSWITCH TWEETER PROTECTION CIRCUIT
- COMPLETE WITH MOUNTING HARDWARE



**DYLAN MEIKLE**  
Retaks Skateboard Team/Co-Founder  
retaks.com

AS96J  
 AS68J  
 AS62J  
 AS50J  
 AS41J  
 AS40J  
 AS31J



AS96J



AS68J



AS62J

AS Full Range Speakers

	AS96J	AS68J	AS62J	AS50J
Size	6X9"	6X8"/5X7"	6.5"	5.25"
Magnet Weight	40 oz.	18 oz.	18 oz.	15 oz.
Power Handling	180 RMS	100 RMS	90 RMS	80 RMS
Freq. Response	50Hz - 20kHz	50Hz - 20kHz	50Hz - 20kHz	60Hz - 20kHz
Sensitivity	95dB	93dB	94dB	93dB
Impedance	4 Ohm	4 Ohm	4 Ohm	4 Ohm
Mounting Depth	3 1/2"	2 1/2"	2 1/4"	1 3/4"



AS50J



AS31J

AS41J

	AS41J	AS40J	AS31J
Size	4X10"	4"	3"
Magnet Weight	18 oz.	15 oz.	10 oz.
Power Handling	100 RMS	80 RMS	60 RMS
Freq. Response	50Hz - 20kHz	90Hz - 20kHz	150Hz - 20kHz
Sensitivity	93dB	93dB	91dB
Impedance	4 Ohm	4 Ohm	4 Ohm
Mounting Depth	2 1/4"	1 3/4"	1 1/2"



AS40J

AS CONVERSION COMPONENT SERIES features

- REMOVABLE TWEETER FOR REMOTE MOUNTING • BLACK ICE BASKET
- POLY CARBON CONE • BUTYL RUBBER SURROUND • 2-LAYER HIGH-TEMP ASV VOICE COIL • POLYSWITCH TWEETER PROTECTION CIRCUIT
- COMPLETE WITH MOUNTING HARDWARE



AST20J  
 20mm Silk Dome  
 Tweeters  
 Optional Upgrade  
 Components



ASX02J  
 12 dB 2-Way  
 Passive Crossover  
 Optional Upgrade  
 Components



DYLAN MEIKLE  
 Retaks Skateboard Team/Co-Founder  
 retaks.com

AB  
AB  
AB  
AB



ABB121J

### Slot Ported Loaded Enclosures

	ABB121J	ABB101J
<b>Size</b>	Single 12"	Single 10"
<b>Magnet Weight</b>	45 oz.	45 oz.
<b>Power Handling</b>	400 Watts RMS	300 Watts RMS
<b>Freq. Response</b>	25Hz - 1kHz	29Hz - 1kHz
<b>Sensitivity</b>	94.5dB	93dB
<b>Impedance</b>	4 Ohm Mono	4 Ohm Mono

	ABB122J	ABB102J
<b>Size</b>	Dual 12"	Dual 10"
<b>Magnet Weight</b>	45 oz.	45 oz.
<b>Power Handling</b>	800 Watts RMS	600 Watts RMS
<b>Freq. Response</b>	22Hz - 1kHz	25Hz - 1kHz
<b>Sensitivity</b>	99dB	97dB
<b>Impedance</b>	4 Ohm Stereo	4 Ohm Stereo

**FLARED SLOT PORTING:** The slot port design gives way to a larger surface area for the port, which is important to help decrease port velocity. This also allows for a lower tuning frequency not typically seen in pre-made enclosures. To enhance upon this design, the port is internally flared to help even-out the transition of air from the box through the port.

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**CONE & SURROUND:** The subwoofers used in this enclosure feature a high-gloss cone made from high-strength carbon composite with laminated pulp reinforcement. This cone is much sturdier than paper cones, allowing for more aggressive operation.

**STANDING WAVE REDUCTION:** To reduce the cancellation of sound caused by standing waves, Audiobahn has used geometric simulation design software to model the box with strategic angles. These angles reflect the sound within the box to provide optimal performance.



ABB122J



## SLOT PORTED features

- HIGH QUALITY MDF CONSTRUCTION • BLACK CARPETED COVERING
- EXTENDED LOW FREQUENCY • SLOTTED PORTS • AUDIOBAHN EMBROIDERY
- CARBON COMPOSITE CONE WITH EPDM • RUBBER SURROUND • 45 OZ. STRONTIUM MAGNET • 2" 4 LAYER VOICE COIL • BUMPED BACK PLATE
- EXTENDED & VENTED POLE PIECE • GOLD BINDING POST TERMINALS

PJ BUTTA  
DJ and Radio  
Personality  
pjbutta.com





## Slot Tuned Bandpass Loaded Enclosures

	ABP122J	ABP102J
Size	Dual 12"	Dual 10"
Magnet Weight	50 oz.	50 oz.
Power Handling	800 Watts RMS	600 Watts RMS
Freq. Response	28Hz - 150Hz	32Hz - 150Hz
Sensitivity	103dB	102dB
Impedance	4 Ohm Stereo	4 Ohm Stereo



# SLOT TUNED BANDPASS features

HIGH QUALITY MDF CONSTRUCTION • BLACK CARPETED COVERING • 3/8" PLEXIGLASS WINDOW  
 • BLUE INTERIOR L.E.D. LIGHTING • AUDIOBAHN EMBROIDERY • IMPP CONE WITH EPDM RUBBER SURROUND • 50 OZ. STRONTIUM MAGNET • 2" 4-LAYER VOICE COIL • BUMPED BACK PLATE • EXTENDED & VENTED POLE PIECE • GOLD BINDING POST TERMINALS

**HEAVY-DUTY CONSTRUCTION:** The durable 5/8-inch wood construction is designed to reduce vibration, which can affect the performance of the subwoofers. Additionally, a special bonding sealer is used to create an air-tight seal to increase joint strength. The 3/8-inch Plexiglas window is strategically angled for added support, giving full view of the reverse-mounted Flame Basket subwoofers. The black carpeted covering, internal LED illumination and Audiobahn logo embroidery give the enclosure an aggressive, custom look.

## Flat-Bottom Cylinder Loaded Enclosures

	ATB12AJ	ATB10AJ
Size	12"	10"
Power Output	120 Watts RMS	100 Watts RMS
Impedance	2 Ohm	2 Ohm



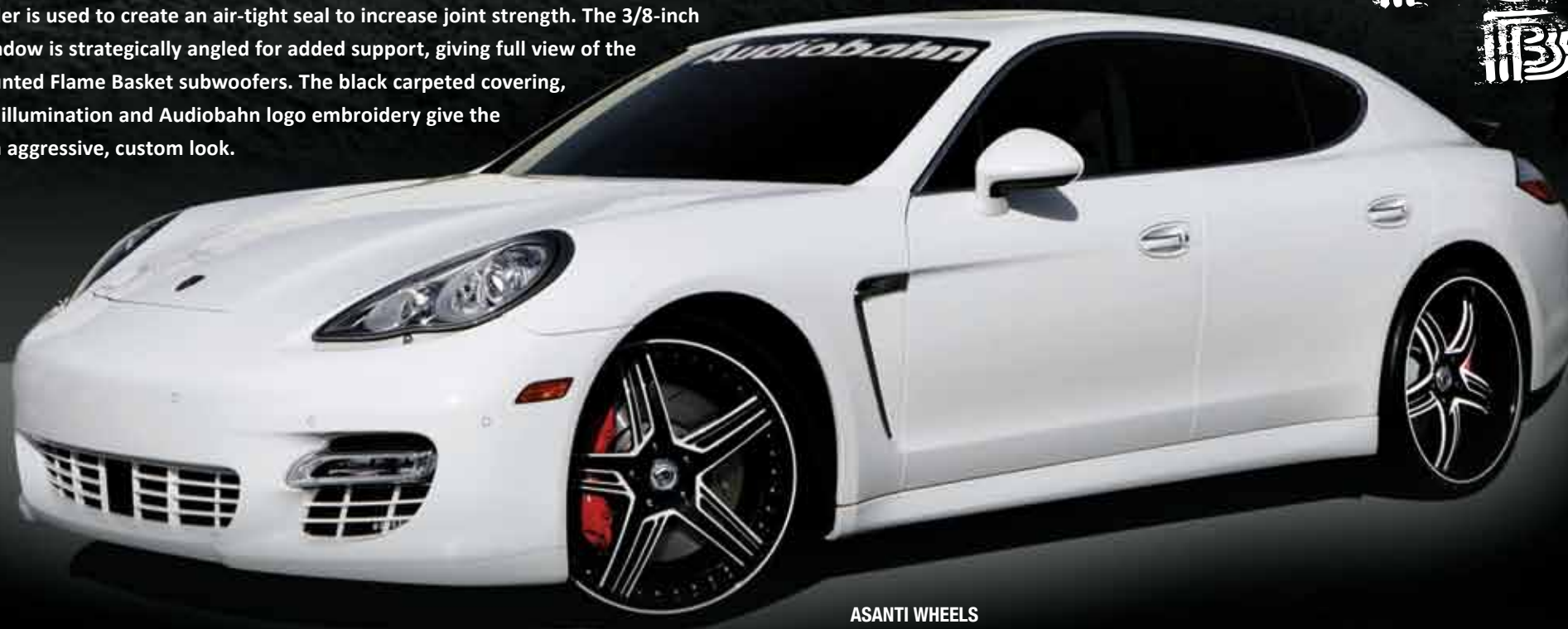
# FLAT BOTTOM CYLINDERS features

MOSFET AMPLIFIER • REMOTE BASS CONTROL KNOB • RCA & SPEAKER LEVEL INPUTS • ADJUSTABLE LOW PASS FILTER: 40HZ - 250HZ • ADJUSTABLE BASS BOOST 0-18DB • HIGH QUALITY CONSTRUCTION • REAR FACING TUNED PORT • BLACK SUPPLEATHER COVERING • CHROME PLATED FLAME GRILLE • BUMPED BACK PLATE • EXTENDED & VENTED POLE PIECE • INCLUDES COMPLETE INSTALLATION KIT

**ABR100J Remote Mount Bass Boost Control with Clipping Indicator**  
 Included with all amplified bass cylinders



**Installation Kit**  
 Included with all amplified bass cylinders



ASANTI WHEELS  
 22-inch AF162 Custom 2-Tone  
 asantiwheels.com



ADJP15J  
PRO/DJ LOUD  
SPEAKER



ADJA15J  
AMPLIFIED PRO/DJ  
LOUD SPEAKER

ADJSTAND  
STAND FOR  
ADJA15J & ADJP15J

# Audiobahn®

## GET IN THE MIX WITH AUDIOBAHN'S PRO SERIES SPEAKERS

Experience the perfect balance between size and performance with Audiobahn's all-new portable PA Pro Series speakers. Our self-powered speakers provide the next step in amplified power, durability and versatility for everyone who needs superior sound on-the-go including DJs, musicians, entertainers, audio-visual professionals, rental companies and office/home entertainment.

The ADJP15 (passive) links to the ADJA15J (amplified) making both systems performance-graded, self-powered, and versatile with the capability of delivering immense sound. Our Pro Series speakers perform exceptionally in challenging audio environments and elevated surroundings where loud noise is the norm. Like the entire Audiobahn collection, our new Pro Series are built with quality and style in mind. From New York to L.A. and all over the world, turn up the sound with Audiobahn's Pro Series speakers.

### ADJA15J (AMPLIFIED)

USB/SD Card w/ slave and cobalt blue Digital Display / 2 MIC Input XLR and/or 1/4" connector jacks / RCA/XLR Input  
**Freq. Response** 40Hz - 18kHz  
**Power Capacity:** 500 Watts (RMS) / 1000 Peak

**Impedance** 8 Ohm  
**Tweeter** 44mm Titanium Compression Driver

**Woofer** 15"  
**Voice Coil** 3"  
**Sensitivity** 98dB +/-2dB  
**Dimensions (HxWxD)** 27" x 18" x 16"

### ADJP15J (PASSIVE)

**Freq. Response** 40Hz - 18kHz  
**Power Capacity:** 500 Watts (RMS) / 1000 Peak

**Impedance** 8 Ohm  
**Tweeter** 44mm Titanium Compression Drive

**Woofer** 15"  
**Voice Coil** 3"  
**Sensitivity** 98dB +/-2dB  
**Dimensions (HxWxD)** 27" x 18" x 16"

### AHP350J DJ TYPE HEADPHONES

**Driver Diameter** 40mm  
**Freq. Response** 20Hz - 20kHz  
**Impedance** 32Ω  
**Sensitivity** 112dB  
**Input Plug Diameter** 3.5mm/6.5mm  
**Cord Length** 10.5ft. ±5%



### BLAZE

### AEP190J EARPHONES (white/purple)

**Driver Diameter** 10mm  
**Freq. Response** 20Hz - 20kHz  
**Impedance** 32Ω  
**Sensitivity** 102dB±3dB  
**Input Plug Diameter** 3.5mm  
**Cord Length** 4ft. ±5%

### BLOW



### AEP220J EARPHONES (yellow/black)

**Driver Diameter** 10mm  
**Freq. Response** 20Hz - 20kHz  
**Impedance** 32Ω ±15%  
**Sensitivity** 92dB±3dB  
**Input Plug Diameter** 3.5mm  
**Cord Length** 4ft. ±5%

### CHRON



### AEP240J EARPHONES (purple/chrome)

**Driver Diameter** 13mm  
**Freq. Response** 20Hz - 20kHz  
**Impedance** 32Ω  
**Sensitivity** 98dB±3dB  
**Input Plug Diameter** 3.5mm  
**Cord Length** 4ft. ±5%

### KILLA



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### AKIT4J

**4 GAUGE AMPLIFIER KIT**  
 20Ft. Transparent Blue 4AWG. Power Wire  
 20Ft. Transparent 16AWG. Speaker Wire  
 20Ft. Transparent Twisted Signal Cable  
 20Ft. Blue 18AWG. Remote Turn-on Wire  
 4Ft. Transparent Silver 4AWG. Ground Wire  
 6Ft. Black Split Loom  
 AGU Fuse Holder with 100amp AGU Fuse  
 (Included in Kit)  
 Terminals, Screws, Connectors and Cable Ties



### AKIT8J

**8 GAUGE AMPLIFIER KIT**  
 20Ft. Transparent Blue 8AWG. Power Wire  
 17Ft. Transparent 16AWG. Speaker Wire  
 20Ft. Transparent Twisted Signal Cable  
 20Ft. Blue 18AWG. Remote Turn-on Wire  
 4Ft. Transparent Silver 8AWG. Ground Wire  
 6Ft. Black Split Loom  
 AGU Fuse Holder with 80amp AGU Fuse  
 (Included in Kit)  
 Terminals, Screws, Connectors and Cable Ties



### AKIT10J

**10 GAUGE AMPLIFIER KIT**  
 20Ft. Transparent Blue 10AWG. Power Wire  
 12Ft. Transparent 16AWG. Speaker Wire  
 18Ft. Transparent Twisted Signal Cable  
 16Ft. Blue 18AWG. Remote Turn-on Wire  
 3Ft. Transparent Silver 10AWG. Ground Wire  
 6Ft. Black Split Loom  
 AGU Fuse Holder with 60amp AGU Fuse  
 (Included in Kit)  
 Terminals, Screws, Connectors and Cable Ties

TROOFBETOLD  
 Rapper, Songwriter, Producer  
 troofbetold.com

CAST SHADOW  
 cast-shadow.com

# Audiobahn®



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