

LIGHTNING AUDIO®

EXCESSIVE SOUND
EXCESSIVE LIFESTYLE



WE GOT YOU COVERED

SOURCE UNITS | AMPLIFIERS | SUBWOOFERS | SPEAKERS | ACCESSORIES

HEAD UNITS

Designed to deliver the features users demand but at a value everyone can afford. Lightning Audio source units offer multi-media functionality so that you can watch your favorite videos, control your iPhone or iPod,* and listen to music from a variety of sources. The single DIN source units range from a quick and easy to install digital media receiver to a complete AM/FM CD player. Every model features a remote control, USB and AUX input, and all have been rigorously tested in vehicles to ensure a high quality listening experience.



Multi-media Receiver



Digital Media/Media Receiver

*Refer to user manual for included models

Model	Description	Speaker Power Out	Pre-amp outputs	DIN Size	Detachable Face	Compatibility Icons
LA-1000	Single DIN Digital Media Receiver	200 Watts MAX (50 Watts x 4)	1 Pair + 1 Subwoofer RCA Preamp	Single DIN	Yes	<div>MP3 WMA SD</div> <div>R-D-S</div>
LA-1500BT	Single DIN Digital Media Bluetooth Receiver	200 Watts MAX (50 Watts x 4)	2 Pair + 1 Subwoofer RCA Preamp	Single DIN	Yes	<div>MP3 WMA SD</div> <div>R-D-S</div> <div>Bluetooth</div>
LA-2300BT	Single DIN Digital Media CD Receiver	200 Watts MAX (50 Watts x 4)	2 Pair + 1 Subwoofer RCA Preamp	Single DIN	Yes	<div>MP3 WMA SD</div> <div>R-D-S</div> <div>Bluetooth</div> <div>disc</div>

iPod,*

BLUETOOTH®

BENEFIT: Hands-free phone (HFP), audio streaming (A2DP, AVRCP), & audio playback from smart phone devices.

MADE FOR IPOD™/IPHONE™

BENEFIT: Included cable connects iPod™/iPhone™ via USB to access media content with full control via the LA-7000 & LA-6200.

STATION PRESETS

BENEFIT: Switchable U.S./European frequencies with 18 FM & 12 AM programmable stations. (36 Presets: LA-6200/LA-7000)
(30 Presets: LA-1000/LA-1500BT/LA-2300BT)

BUILT-IN EQUALIZER

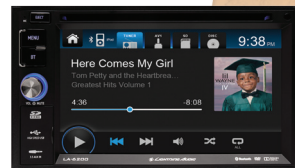
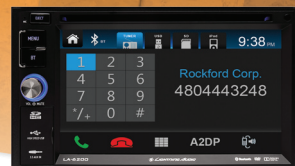
BENEFIT: 3 band EQ with 4 preset curves & 1 programmable user profile. Subwoofer control with selectable low pass filter adjustments.

DETACHABLE FACE

BENEFIT: For added security simply remove the faceplate when exiting the vehicle.

WIRELESS REMOTE CONTROL

BENEFIT: The included handheld full-function remote allows you to wirelessly control the source unit.



Model	Description	Speaker Power Out	Pre-amp outputs	DIN Size	Detachable Face	Compatibility Icons
LA-7000	7" Touch Screen Flip-out Single DIN Multimedia Bluetooth Receiver	200 Watts MAX (50 Watts x 4)	Front/Rear RCA Preamp	Single DIN	No	<div>Made for </div>
LA-6200	6.2" Touch Screen Double DIN Multimedia Bluetooth Receiver	200 Watts MAX (50 Watts x 4)	Front/Rear/Sub RCA Preamp	Double DIN	No	<div>Made for </div>

AMPLIFIERS

Whether you're looking for a high power subwoofer amplifier or an ultra compact 4 channel, Lightning Audio has a model to meet your needs. Because each amplifier is purpose built for its application they feature a variety of customizable options like subsonic filters, adjustable crossovers, adjustable gain, phase inversion, and remote level control. You also have three different chassis styles to choose from in order to compliment your system design.



Mini Chassis



Small Chassis



Standard Chassis



Model	RMS Power x Channels	Frequency Response	THD @ Rated Power	S/N Ratio	Input Sensitivity	High Level Input (Y/N)	Dimensions
LA-2100	50 x 2 @ 4Ω 90 x 2 @ 2Ω 180 x 1 @ 4Ω	20Hz to 20kHz	<1.0%	>95dB	200mV to 12V	Yes	L9.5" x W9.4" x H2.3" 24.13cm x 23.876cm x 5.8cm
LA-4100	50 x 4 @ 4Ω 75 x 4 @ 2Ω 150 x 2 @ 4Ω	20Hz to 20kHz	<1.0%	>85dB	200mV to 12V	Yes	L11.8" x W9.4" x H2.3" 29.97cm x 23.876cm x 5.8cm
LA-4200	100 x 4 @ 4Ω 150 x 4 @ 2Ω 300 x 2 @ 4Ω	20Hz to 20kHz	<1.0%	>85dB	200mV to 4V	No	L16.5" x W9.4" x H2.3" 41.9cm x 23.876cm x 5.8cm
LA-5100	62.5 x 4 @ 4Ω / 200 x 1 @ 2Ω 100 x 4 @ 2Ω / 250 x 1 @ 1Ω	20Hz to 20kHz & 20Hz to 500Hz	<1.0%	>95dB	200mV to 5V	No	L20.3" x W9.4" x H2.3" 51.56cm x 23.876cm x 5.8cm
LA-400M	150 x 1 @ 4Ω 200 x 1 @ 2Ω	20Hz to 250Hz	<1.0%	>95dB	200mV to 6V	No	L9.9" x W9.4" x H2.3" 25.14cm x 23.87cm x 5.84cm

PREMIUM BUILD QUALITY

BENEFIT: Surface mount components deliver higher quality with better performance and allow for complex low-profile circuit designs in a minimum space. MOSFET Outputs can handle higher voltage, current and supply higher output voltages.

REMOTE BASS CONTROL

BENEFIT: The included wired remote allows the listener to fine tune the bass response for a wide variety of music and listening taste. (LA-1600MD)

ULTRA COMPACT & UNIQUE DESIGN

BENEFIT: Cast heat sink for better thermal management with concealed mounting and top mount controls. (LA-8004 / LA-1600MD)
50% smaller than their comparable standard chassis models. (LA-1000MD / LA-4100MINI)

MASTER/SLAVE OPERATION

BENEFIT: Lets you daisychain two amplifiers together so the master amp controls crossover, gain & bass boost for the slave amp.

MULTI INPUTS/OUTPUTS

BENEFIT: High level (speaker) inputs (LA-2100, LA-4100). RCA pass-thrus transfer an identical signal as the input. (LA-2100, LA-4100, LA-4200, LA-400M)

VARIABLE PHASE SHIFT & CROSSOVERS

BENEFIT: Manipulates the signal in the amplifier to better align the output with the other speakers in the vehicle. (LA-1000MD, LA-2000MD, LA-3000MD). Filters unwanted frequency, for percision tuning. Variable 12dB/Oct slope.



Model	RMS Power x Channels	Frequency Response	THD @ Rated Power	S/N Ratio	Input Sensitivity	High Level Input (Y/N)	Dimensions
LA-1000MD	250 x 1 @ 4Ω 375 x 1 @ 2Ω 500 x 1 @ 1Ω	20Hz to 250Hz	<1.0%	>80dB	200mV to 6V	No	L11" x W9.4" x H2.3" 27.9cm x 23.876cm x 5.8cm
LA-2000MD	400 x 1 @ 4Ω 700 x 1 @ 2Ω 1000 x 1 @ 1Ω	20Hz to 250Hz	<1.0%	>80dB	200mV to 6V	No	L13.8" x W9.4" x H2.3" 35cm x 23.876cm x 5.8cm
LA-3000MD	600 x 1 @ 4Ω 1000 x 1 @ 2Ω 1400 x 1 @ 1Ω	20Hz to 150Hz	<1.0%	>95dB	200mV to 6V	No	L15" x W9.4" x H2.3" 38.1cm x 23.876cm x 5.8cm
LA-8004	80 x 4 @ 4Ω 110 x 4 @ 2Ω 220 x 2 @ 4Ω	20Hz to 20kHz	<1.0%	>95dB	200mV to 6V	No	L9.875" x W7.5" x H2.625" 63.7cm x 19.05cm x 6.66cm
LA-1600MD	300 x 1 @ 4Ω 500 x 1 @ 2Ω 700 x 1 @ 1Ω	20Hz to 150Hz	<1.0%	>95dB	200mV to 6V _w	No	L9.875" x W7.5" x H2.625" 63.7cm x 19.05cm x 6.66cm
LA-1000MD-MINI	250 x 1 @ 4Ω 500 x 1 @ 2Ω	20Hz to 250Hz	<1.0%	>95dB	150mv to 4V	No	L9.0" x W6.1" x H2.3" 22.86cm x 15.49cm x 5.8cm
LA-4100MINI	50 x 4 @ 4Ω 75 x 4 @ 2Ω 150 x 2 @ 4Ω	20Hz to 20kHz	<1.0%	>95dB	150mv to 4V	No	L12.4" x W6.1 x H2.3" 31.49cm x 15.49cm x 5.8cm

SUBWOOFERS

With three levels of Lightning Audio subwoofers, you can choose the amount and type of bass that you want for your system. L3 subs compliment Lightning higher power amplifiers and deliver deep, heart pounding bass. L2 subs give a more musical bass response while still hitting hard. L1 subs are made to use less amplifier power and are a good way to add bass to your system. Every Lightning Audio subwoofer features multipoint stitched tinsel leads, easy to use spring-loaded terminals, and custom trim rings.



L3 Subwoofer



L2 Subwoofer

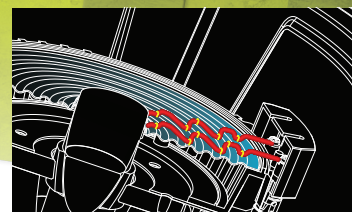


L1 Subwoofer

Model	RMS Power Handling	Peak Power Handling	Nominal Impedance	Sensitivity	Sealed Enclosure	Ported Enclosure	Mounting Depth
L1-S410	300 WATTS	600 WATTS	4Ω	85dB	0.6 ft3	1.4 ft3 (Port(1)-3" x 8")	4.84"
L1-S412	300 WATTS	600 WATTS	4Ω	86dB	1.0 ft3	1.8 ft3 (Port(1)-3" x 6")	5.51"
L2-D210	500 WATTS	1000 WATTS	DUAL 2Ω	84dB	0.6 ft3	1.4 ft3 (Port(1)-4" x 14")	5.16"
L2-D410	500 WATTS	1000 WATTS	DUAL 4Ω	84dB	0.6 ft3	1.4 ft3 (Port(1)-4" x 14")	5.16"
L2-D212	500 WATTS	1000 WATTS	DUAL 2Ω	85dB	1.0 ft3	1.8 ft3 (Port(1)-4" x 10")	5.83"

MULTIPOINT STITCHED LEADS

BENEFIT: Multipoint "periodic" stitched lead wire reduces mass, stress and strain over a greater area.



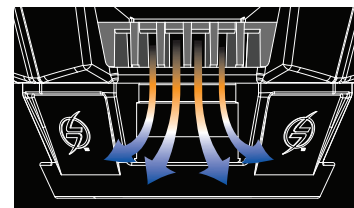
STAMPED BASKET/VENTING

BENEFIT: Stamped steel basket with spider venting helps reduce voice coil former temperature and increase power handling.
(L1-Series, L2-Series)



DIE-CAST BASKET/VENTING

BENEFIT: Die-cast aluminum basket with spider venting helps reduce voice coil former temperature and increase power handling.
(L3-Series)



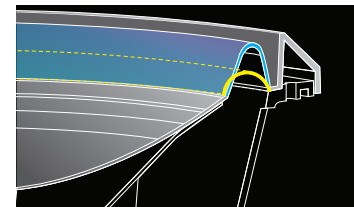
HALF-ROLL SURROUND

BENEFIT: High density poly-foam surround provides proper stiffness and thickness for optimum performance.
(L1-Series, L2-Series)



TALL PROFILE SURROUND

BENEFIT: High excursion poly-etherester surround allows linear travel characteristics on high excursion drivers without reducing piston size. (L3-Series)



SPRING LOADED TERMINALS

BENEFIT: Nickel plated terminals for easy installation and enhanced conductivity.



Model	RMS Power Handling	Peak Power Handling	Nominal Impedance	Sensitivity	Sealed Enclosure	Ported Enclosure	Mounting Depth
L2-D412	500 WATTS	1000 WATTS	DUAL 4Ω	86dB	1.0 ft3	1.8 ft3 (Port(1)-4" x 10")	5.83"
L3-D210	800 WATTS	1600 WATTS	DUAL 2Ω	82dB	0.6 ft3	1.4 ft3 (Port(1)-4" x 14")	5.73"
L3-D410	800 WATTS	1600 WATTS	DUAL 4Ω	82dB	0.6 ft3	1.4 ft3 (Port(1)-4" x 14")	5.73"
L3-D212	1000 WATTS	2000 WATTS	DUAL 2Ω	85dB	1.0 ft3	1.8 ft3 (Port(1)-4" x 10")	6.16"
L3-D412	1000 WATTS	2000 WATTS	DUAL 4Ω	85dB	1.0 ft3	1.8 ft3 (Port(1)-4" x 10")	6.16"

SPEAKERS

Efficiency and ease of installation were key design elements for Lightning Audio speakers. Every speaker has a crossover integrated inside the basket along with a built in mounting gasket, and industry standard spade connectors. All these features help make the speaker easy to install. Add to that, the low profile tweeter bezel on each coaxial model, and you have speakers that not only drop in to the factory position in most vehicles but that can also be covered by the factory trim panel.



Coax Speakers



Component Speakers

Model	Speaker Size	Tweeter Size	RMS Power Handling	Peak Power Handling	Frequency Response	Nominal Impedance	Sensitivity	Mounting Depth
L4	4" two way speaker	1/2"	25 WATTS	50 WATTS	93Hz-20kHz	4Ω	87dB	1.63"
L46	4" x 6" two way speaker	1/2"	25 WATTS	50 WATTS	72Hz-20kHz	4Ω	87dB	1.85"
L5	5.25" two way speaker	1/2"	35 WATTS	70 WATTS	76Hz-20kHz	4Ω	88dB	1.89"
L57	5" x 7" three way speaker	1/2"	35 WATTS	70 WATTS	48Hz-20kHz	4Ω	90dB	1.85"

INTEGRATED Crossover

BENEFIT: The high-pass crossover components are integrated into the speaker to simplify the installation.

STANDARD SPADE CONNECTOR

BENEFIT: Connection is made simple using standard spade connections for the POS/NEG speaker terminal.

INSTALLATION ACCESSORIES INCLUDED

BENEFIT: Full protective grilles, speaker wire and mounting hardware are all included.

EFFICIENCY

BENEFIT: Can be used with the factory stereo or powered by a Lightning Audio amplifier.

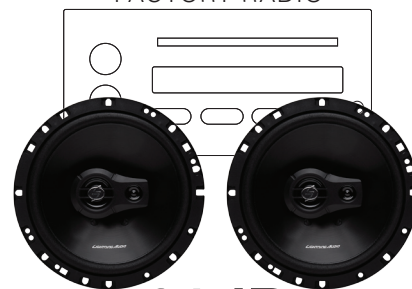
SHALLOW TWEETER HOUSING

BENEFIT: Low profile speaker fits easily behind factory door panels.

Model	Speaker Size	Tweeter Size	RMS Power Handling	Peak Power Handling	Frequency Response	Nominal Impedance	Sensitivity	Mounting Depth
L65	6.5" three way speaker	1/2"	40 WATTS	80 WATTS	53Hz-20kHz	4Ω	91dB	2.15"
L675	6.75" three way speaker	1/2"	40 WATTS	80 WATTS	54Hz-20kHz	4Ω	90dB	2.0"
L68	6" x 8" two way speaker	1/2"	50 WATTS	100 WATTS	53Hz-20kHz	4Ω	89dB	2.28"
L69	6" x 9" three way speaker	1/2"	60 WATTS	120 WATTS	40Hz-20kHz	4Ω	91dB	2.83"
L5-S	5.25" two way speaker	1/2"	40 WATTS	80 WATTS	69Hz-20kHz	4Ω	87dB	1.89"
L65-S	6.5" two way speaker	1/2"	40 WATTS	80 WATTS	52Hz-20kHz	4Ω	90dB	2.15"
LT	1/2"	1/2"	40 WATTS	80 WATTS	1988-20kHz	4Ω	88dB	0.77"



FACTORY RADIO



91dB



ACCESSORIES

Having the right connections is key when installing a stereo system in your vehicle. Lightning Audio offers a complete line of wire, cable, distribution and fuse blocks to fit your needs.



AMP KITS

Pre-assembled amplifier installation kits designed to ensure that you have everything required to get your amp properly installed. Lightning Audio offers amp kits with two levels of RCA cables in both a single amp and dual amp configuration.



RCA's

Ranging in length from 3' to 20', Lightning Audio RCA interconnects are available as a twisted pair cable to deliver quality audio signal and to help eliminate induced noise or as a Premium dual twisted pair for optimum audio transmission with the most noise cancellation. The Lightning Audio premium HT cables also feature cast metal tips with angle cut barrel and split center pin, and an internal strain relief.



DISTRIBUTION & FUSING

From single in-line fuse holders to multi wire distribution blocks, Lightning Audio offers the right hardware for your installation needs. Models are satin nickel plated with charcoal smoked covers and they feature Allen head compression screws to keep cables secure as well as clip style compression fittings for fuses.



SPEAKER WIRE

Available in 12 gauge or 16 gauge, Lightning Audio speaker wire is ideal for upgrading wire from door speakers to an amplifier or source unit as well as wiring a subwoofer to an amplifier.



CAPACITOR

Better voltage means better performance from your amplifier. Lightning Audio's 1.5 farad digital capacitor is designed to take the stress off of your vehicle's electrical system so that your amp can deliver the power you desire.

WE GOT YOU COVERED

As one of Rockford Corporation's leading brands, Lightning Audio features products that are carefully designed to meet the needs of today's consumers. The product team in Arizona evaluates the benefits of each product feature and plans for a straightforward, simple installation of Lightning Audio gear. Our design philosophy takes in to account both function and flash because delivering a product that not only performs, but also looks good is the goal.



PERFORMANCE AND RELIABILITY

Every Lightning Audio amplifier, subwoofer, speaker, and source unit is bench tested for electrical and mechanical performance. Then it's put in to real world testing by being installed in cars, trucks, and SUV's. This validates that the product delivers the audio experience that it was designed to and ensures that all installation aspects have been considered.

SERVICE AND SUPPORT

The Lightning Audio experience continues with class leading Customer Service and Technical Support. You may get product recommendations, assistance with subwoofer enclosure designs, technical support for installations and much more via phone, fax, and e-mail to our technical support team. After hours you may also receive answers to your questions through the web knowledgebase located at www.lightningaudio.com. For those who need to be mobile.... download Lightning Audio's iPhone App detailed on the next page.





LIGHTNING AUDIO®

LATECH IPHONE APP

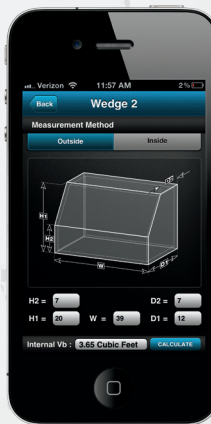
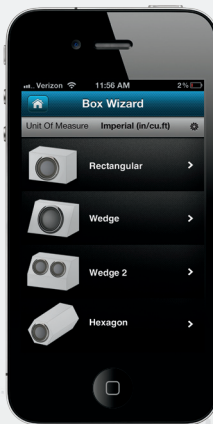
Our Lightning Audio iPhone App puts the power of subwoofer enclosure calculation and wiring right in your installer's hands. There's also a convenient Dealer Locator to find a local store and a SPL Meter to compare the loudness of your system to your friend's. Download it FREE from Apple's AppStore.



WIRING WIZARD

Learn how to properly wire woofers to your amplifier. The Wiring Wizard supports up to four woofers and up to four voice coil types:

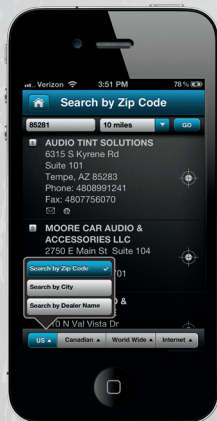
- 4Ω Single Voice Coil
- 8Ω Single Voice Coil
- 2Ω Dual Voice Coil
- 4Ω Dual Voice Coil



BOXWIZARD

Calculate available air space inside woofer enclosures. Four different box configurations are available:

- Rectangular
- Wedge
- Wedge 2
- Hexagon



FIND DEALERS

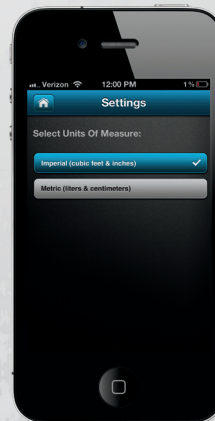
Locate authorized Lightning Audio store(s).

Search in USA, Canada, & World Wide.



SPL METER

Compare the Sound Pressure Level of smaller systems. You can also save your favorites.



SETTINGS

Easily switch between units of measure:

- Metric (Liters/mm)
- Imperial (cu.ft./inches)