

AXS609

AXS612

AXS514



AXS SERIES

INSTALLATION/OWNER'S MANUAL
Car Audio

axxeraTM

PREPARATION

Safety Guidelines

Thank you for purchasing the AXS Series car speakers. Although Axxera has attempted to make sure all of the information contained within this manual is accurate, please be aware that any part of it is subject to change without notice.



CAUTION

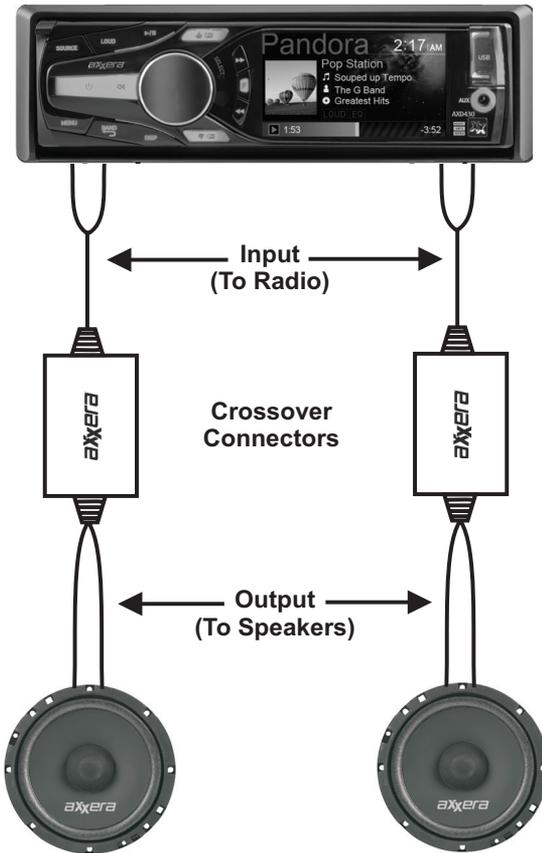
The following instructions should be used as a general guideline only. If you are unsure about performing any of the procedures listed below, please consult a professional car audio installation center.

Before installation, please follow these guidelines:

1. Be sure to carefully read and understand the instructions before attempting to install this product.
2. For safety, disconnect the negative terminal from the battery prior to beginning the installation.
3. Use the highest quality connectors for a reliable installation and to minimize signal or power loss.
4. Use caution before you drill or cut! Be careful not to cut or drill into gas tanks, fuel lines, brake or hydraulic lines, vacuum lines or electrical wiring when working on any vehicle.
5. Never run speaker wires underneath your vehicle. Running speaker wires inside the vehicle provides the best protection from exhaust heat and environmental elements.
6. Avoid running wires over, near, or through sharp edged surfaces. Use rubber grommets to protect any wires routed through metal.
7. When running the speaker cable from the amplifier, avoid running it near sources of high current (i.e. wiring harnesses, battery cables).

INSTALLATION

Wiring

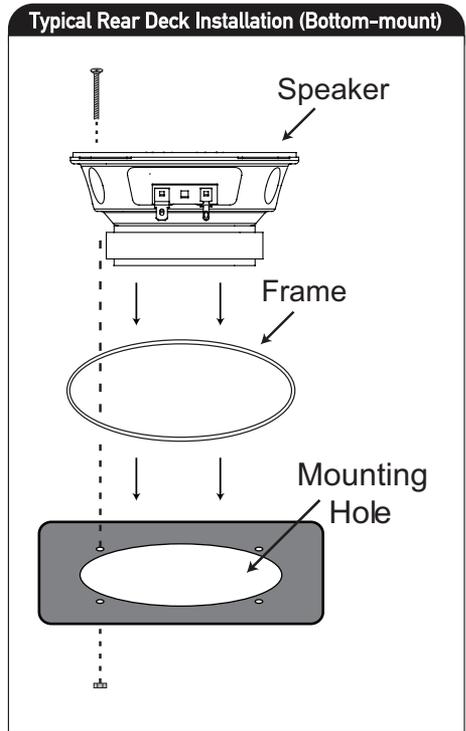


- Connect the speaker wires to the input connection on each crossover connector, making sure to maintain proper polarity (positive & negative).
- Connect the two red/black spades on the output side of each crossover connector to the red and black tweeter wires.
- Connect the two uncolored spades on the output side of each crossover connector to the woofer.

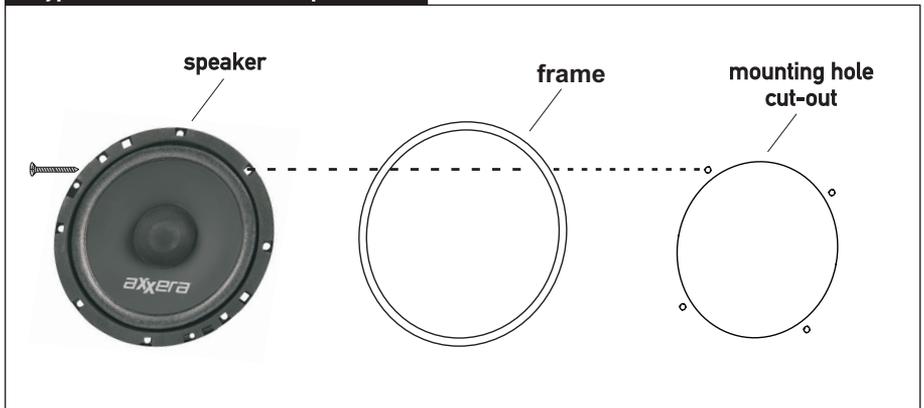
INSTALLATION

Mounting

1. Determine where the speakers will be mounted. Make sure the area is large enough for the speaker to mount evenly. Also ensure the mounting location is deep enough for the speaker to fit.
2. Refer to the specification chart to determine the proper diameter hole to cut for your speaker model.
3. If needed, use the grille frame as a template to mark the locations for the mounting screws. Drill the holes with a $3/32$ " bit.
4. Fit the speaker to the hole cut-out. Mount the frame and speaker using the supplied screws. Once the frame and speaker are secured, insert the mesh cover into the frame.



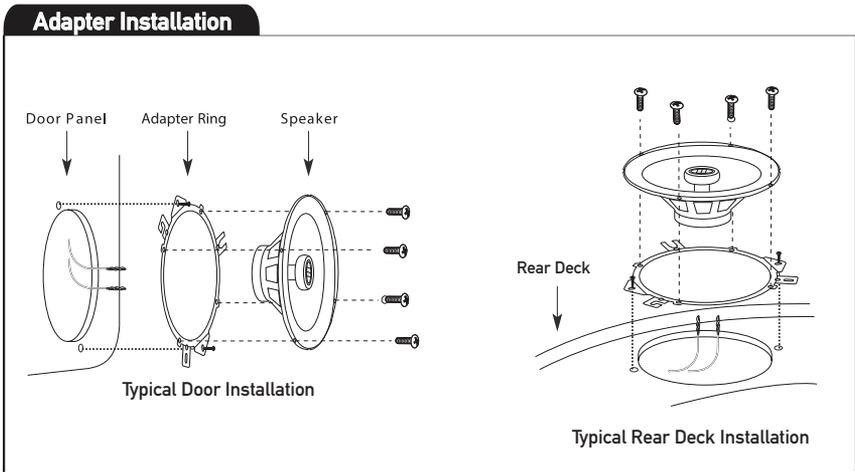
Typical Door Installation (Top-mount)



OPERATION

AXS612 speakers come with two adapter rings to facilitate a seamless fit into a variety of different openings.

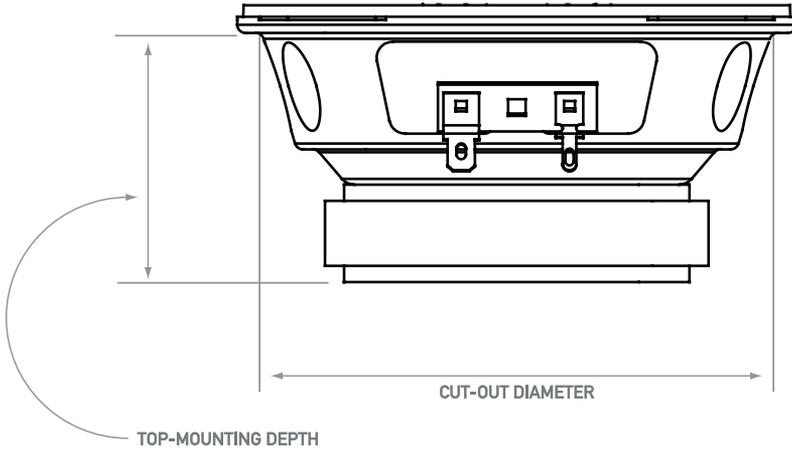
1. The main adapter ring allows the AXS612 to be mounted in an oversized 6 3/4" hole as shown in the diagram below. To use this adapter ring, secure the adapter ring to the vehicle using sheet metal screws, then attach the speaker to the ring with the machine screws provided.



2. The second adapter ring is a simple spacer that enables AXS612 to be mounted into the smaller 6" hole that is commonly found in some import cars. It is held in place when the speaker is mounted and cannot be mounted by itself. New mounting holes may need to be drilled in order to use this spacer.

OPERATION

Specifications



The above diagram is to be used with the specifications matrix guide below. Design and specifications subject to change without notice.

Model	Size	Type	Power Rating (RMS/Peak)	Sensitivity	Frequency Response	Cutout Diameter	Top Mounting Depth
AXS609	6x9"	2-Way	100W/650W	97dB	45Hz-18kHz	8.74"x6.06" (222mm x 154mm)	3.54" (90mm)
AXS612	6.5"	2-Way	60W/400W	94dB	60Hz-18kHz	5.63" (143mm)	2.17" (55mm)
AXS514	5.25"	2-Way	45W/300W	92dB	65Hz-18kHz	4.57" (116mm)	2.32" (59mm)

OPERATION

Limited One-Year Warranty

This warranty gives you specific legal rights. You may also have other rights which vary from state to state. Dual Electronics Corp. warrants this product to the original purchaser to be free from defects in material and workmanship for a period of one year from the date of the original purchase.

Dual Electronics Corp. agrees, at our option, during the warranty period, to repair any defect in material or workmanship or to furnish an equal new, renewed or comparable product (whichever is deemed necessary) in exchange without charges, subject to verification of the defect or malfunction and proof of the date of purchase. Subsequent replacement products are warranted for the balance of the original warranty period.

Who is covered?

This warranty is extended to the original retail purchaser for products purchased from an authorized Dual dealer and used in the U.S.A.

What is covered?

This warranty covers all defects in material and workmanship in this product. The following are not covered: software, installation/removal costs, damage resulting from accident, misuse, abuse, neglect, product modification, improper installation, incorrect line voltage, unauthorized repair or failure to follow instructions supplied with the product, or damage occurring during return shipment of the product. Specific license conditions and copyright notices for the software can be found via www.dualav.com.

What to do?

1. Before you call for service, check the troubleshooting guide in your owner's manual. A slight adjustment of any custom controls may save you a service call.

2. If you require service during the warranty period, you must carefully pack the product (preferably in the original package) and ship it by prepaid transportation with a copy of the original receipt from the retailer to an authorized service center:

3. Please describe your problem in writing and include your name, a return UPS shipping address (P.O. Box not acceptable), and a daytime phone number with your shipment.

4. For more information and for the location of the nearest authorized service center please contact us by one of the following methods:

- Call us toll-free at 1-866-382-5476
- E-mail us at cs@dualav.com

Exclusion of Certain Damages: This warranty is exclusive and in lieu of any and all other warranties, expressed or implied, including without limitation the implied warranties of merchantability and fitness for a particular purpose and any obligation, liability, right, claim or remedy in contract or tort, whether or not arising from the company's negligence, actual or imputed. No person or representative is authorized to assume for the company any other liability in connection with the sale of this product. In no event shall the company be liable for indirect, incidental or consequential damages.

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Monday-Friday, 9AM-5PM EST

www.axxeraaudio.com
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