



DS165

INSTALLATION/OWNER'S MANUAL

6.5" Car Audio Speakers





Preparation/Installation

Before You Start

- Disconnect negative battery terminal. Refer to a vehicle service manual or consult a qualified technician if you are unsure.

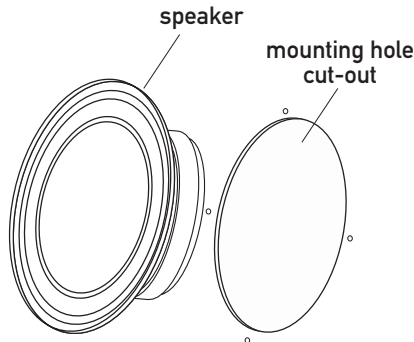
Getting Started

- Be sure to carefully read and understand these instructions before attempting to install the product.
- If additional wiring is required, we recommend that you run all wires prior to mounting your speaker in place.
- Use the highest quality connectors for a reliable installation and to minimize signal or power loss.
- 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.
- Never run speaker wires underneath your vehicle. Running speaker wires inside the vehicle provides protection from exhaust heat and environmental elements.
- Avoid running wires over, near, or through sharp edged surfaces. We suggest you also use rubber grommets to protect any wires routed through metal.

Mounting

1. Determine where the speakers will be mounted. Ensure an area large enough for the speaker to mount evenly. Be sure that the mounting location is deep enough for the speaker to fit.
2. Using an appropriate tool, cut a 4.9" diameter mounting hole.
3. Use the grille frame as a template to mark the locations for the mounting screws. Drill the holes with a 3/32" bit.
4. Be sure to observe proper polarity when connecting the wires. The speaker's positive terminal is indicated with a "+".
5. Fit the grille frame and speaker to the cutout. Mount the speaker using the screws.
6. Fit the grille inside the grille frame and press gently, but firmly, into place.

TYPICAL MOUNTING METHOD





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 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: 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.

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 or connections discussed in your instruction booklet 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.



DS165 SPECIFICATIONS

Specifications

Size	6.5"
Type	Dual cone speaker
RMS Power	25W
Peak Power	100W
Woofers Size	6.5"
Woofers Material	Paper
Midrange Size	25mm
Midrange Material	Terylene
Voice Coil Size	25mm
Sensitivity	85db/W/M
Frequency Response	65-15KHZ
Nominal Impedance	4ohms
Magnet Type	Ferrite
Magnet Weight	6.3oz

Design and specifications subject to change without notice.

Dual Electronics Corp.
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Monday-Friday, 9AM-5PM EST

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