

Cat. No. 12-1738

6- x 9-Inch 2 Way Flush-Mount Speaker System

CHOOSING A LOCATION

For the best performance, install these speakers on a solid, firm surface that does not vibrate at high volume levels. We recommend you mount the speakers in the door panels or the rear deck.

Note: Cardboard or fiber panels are not good mounting surfaces.

(illus showing suggested mounting area.)

As you are deciding on a location, carefully inspect the area behind the proposed mounting surface.

- There must be a clear unobstructed area of at least 3 inches (76.2 mm) behind the panel.
- If it is a door location, check to be sure the window, window mechanism, and window handle will clear the speaker.

Note: Make sure the window opens and closes properly.

INSTALLING THE SPEAKERS

1. Use the supplied template to mark the speaker opening and the mounting-screw hole locations.
2. Cut out the marked speaker opening in the mounting surface.

Note: Steel door panels and the rear deck (behind the upholstery) might already have large cut-out areas for recessing the speaker.

3. Drill the four mounting-screw holes.

Caution: Be careful not to drill into anything behind the mounting surface.

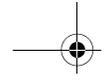
4. If necessary, route new speaker wire from the autosound system to the mounting area.

Cautions:

- Avoid routing speaker wires near moving parts, sharp edges, or where they will be pinched or stepped on. You can usually route them along the channel beneath the vehicle's door facings.

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- If you selected door locations, you might need to punch a small hole in the door edge (near the door hinges) to route the wires into the door. Leave enough slack wire to open the door all the way.

5. Securely connect the positive (+) and negative (-) stripped speaker wire ends to the corresponding speaker terminals.

(illus - show the speaker wires properly wrapped around the speaker's terminals.)

If you have a two-speaker system:

(illus showing wiring diagram for connection to two speakers with proper polarity)

If you have a four-speaker system (front and rear):

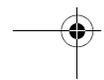
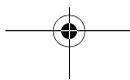
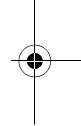
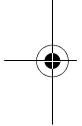
(illus showing wiring diagram for connection to four speakers with proper polarity)

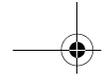
Cautions:

- Improper phasing can cause poor bass response. To ensure proper phasing, you need to match your autosound system's positive (+) and negative (-) speaker wires to the corresponding positive (+) and negative (-) speaker terminals.
- Do not connect any of your speaker terminals to chassis ground. Use all four autosound wires to connect your speakers to your vehicle's autosound system.

6. Remove the grille from each speaker's mounting bracket to expose the mounting holes.
7. Place the mounting bracket on the speaker.

(illus - show how the bracket fits on the speaker.)





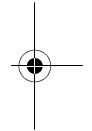
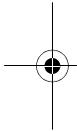
8. Align each speaker's mounting holes and mounting bracket's holes with the drilled holes on the mounting surface and thread a supplied screw through each hole.
9. Place one small and one large washer and screw a nut onto the mounting screw, then tighten all screws until they are secure.

10. Firmly press the grille onto each speaker's mounting bracket.

Note: You can use the supplied adhesive putty tape to further secure the grille to the mounting bracket. Cut off and press a small piece of putty into each of the four slots around the mounting bracket's surface.

(illus - show the mounting screw, aligned with the speaker's mounting holes, the mounting bracket's holes, and the fastening nuts)

(illus showing how to use the putty)



SPECIFICATIONS

Speaker Size:

Woofer	6 × 9 Inches (152 × 229 mm)
Tweeter	2½ Inches (64 mm)
Woofer, Cone	Paper Coating
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Grille	Hi ABS Material
S.P.L.	90 dB
Woofer Barium Magnet Weight	13.2 oz (375 g)
Tweeter Barium Magnet Weight	1.5 oz (43 g)
Power Handling	50 Watts RMS/Channel
Maximum Power	150 Watts/Channel
Impedance	4 ohms
Frequency Response	75 Hz–20 kHz
Weight (one speaker with grille)	2 lb, 13 oz (1.3 kg)
Dimensions (HWD)	9 ⁹ / ₁₆ × 6 ⁷ / ₈ × 3 ⁷ / ₈ Inches (243 × 174 × 99 mm)

Specifications are typical; individual units might vary. Specifications are subject to change and improvement without notice.

Limited Ninety-Day Warranty

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This warranty does not cover: (a) damage or failure caused by or attributable to acts of God, abuse, accident, misuse, improper or abnormal usage, failure to follow instructions, improper installation or maintenance, alteration, lightning or other incidence of excess voltage or current; (b) any repairs other than those provided by a RadioShack Authorized Service Facility; (c) consumables such as fuses or batteries; (d) cosmetic damage; (e) transportation, shipping or insurance costs; or (f) costs of product removal, installation, set-up service adjustment or reinstallation.

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