

Thank you for purchasing a BOSS Audio Systems product. Please read through these instructions carefully so you will know how to install this product properly.

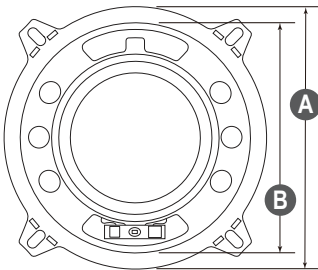
### Package Contents

- 2x Speakers with grills
- 2x Speaker wires with polarity connectors
- 8x Mounting screws and clip nuts
- Installation Instructions/ Cutout Template/ Warranty

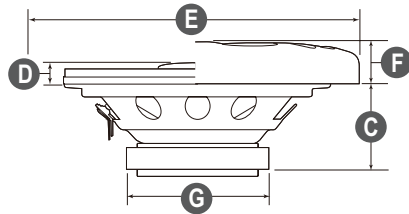
### Specifications

- **3-way full range speakers**
  - Woofers:** 5.25" (133 mm), polypropylene cone, rubber surround
  - Tweeter:** 1" (25 mm) & 0.5" (13 mm), dome
- **Max output power:** 225 W
- **Nominal impedance:** 4  $\Omega$
- **Frequency response:** 100 Hz – 18 kHz
- **System sensitivity:** 90 dB (1 watt/1 meter)
- **Indoor use. Avoid contact with moisture.**

### Speaker dimensions



- A.** Overall diameter: 5.08" (129 mm)
- B.** Mounting hole diameter: 4.49" (114 mm)



- C.** Mounting depth: 1.69" (43 mm)
- D.** Tweeter protrusion: 0.43" (11 mm)
- E.** Overall speaker with grill: 6.30" (160 mm)
- F.** Grill protrusion: 0.59" (15 mm)
- G.** Outer motor diameter: 2.75" (70 mm)

**Customer service:** 805-751-4853

**Tech support:** [www.bosssaudio.com/support](http://www.bosssaudio.com/support)

## Installation

You can fit the speakers in the factory speaker openings in a vehicle, or create a cutout in a vehicle for speaker installation.



Consult an expert when in doubt about installation. Professional installation is always recommended.

Prior to installation, disconnect the negative terminal of the vehicle battery.

If you must modify the vehicle for the speaker installation, make sure you do not impair the safety and structural integrity of the vehicle.

Before you drill or cut any holes, investigate your vehicle's layout very carefully. Take special care when you work near the fuel tank, fuel lines, hydraulic lines and electrical wiring.

### Option 1: Mounting in the factory speaker location

1. Make sure the factory speaker opening (e.g. in the door or kick panel) fits the speaker in size.
2. Remove the panel which hides the factory speaker locations, and then remove the old speaker.
3. Connect the speaker to the factory speaker wiring with correct polarity. If factory speaker wiring is corroded, use supplied speaker wires.
4. Fasten the speaker into the factory opening with the supplied screws. Some vehicles may require a speaker mounting adapter.

Make sure the speaker sits flush across the entire mounting surface.

Make sure the newly installed speaker does not interfere with any operations (e.g. windows rolling all the way down if in a door, or trunk mechanism if in the rear deck, etc.)

5. Perform a quick test, then reinstall the panel. Be sure to properly break in speakers and not reach max volume until after two 20 minute cycles at regular volume.

### Option 2: Mounting in a new location

1. Remove the interior vehicle panel (e.g. from the door or rear deck) where the speakers are to be mounted.
2. Cut a mounting hole and screw holes on the mounting surface as follows:
  - Verify the supplied template matches the speaker and mounting cut-out.
  - Cut out the template along the cut line. Use the cut-out template to mark the mounting hole and screw holes on the mounting surface. Then cut the holes for the speaker to be mounted.
3. Slide the speaker from the top into the hole, and correctly place the supplied speaker grill over the top.
4. Fasten the speaker with four supplied screws and clip nuts.

Make sure the speaker sits flush across the entire mounting surface.

Make sure the newly installed speaker does not interfere with any operations (e.g. windows rolling all the way down if in a door, or trunk mechanism if in the rear deck, etc.)

5. Using the supplied speaker wires, connect the speaker to your 12VDC source unit (to audio outputs on the amplifier or speaker wires of the head unit).
6. Perform a quick test, then reinstall the panel. Be sure to properly break in speakers and not reach max volume until after two 20 minute cycles at regular volume.

### Wiring

- Make sure the speakers are wired correctly at 4 ohms. Observe speaker polarity when making connections.
- Avoid routing wires near any sharp or moving parts. Run wires away from other wires that may cause unwanted noise. Insulate bare wires properly.
- Connect the supplied speaker wires to the speakers as follows:  
Connect the plug ends of the speaker wires to the speaker terminals, the red wire to the positive terminal and the black wire to the negative terminal. Make sure the wires are firmly attached to the terminals.