

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.

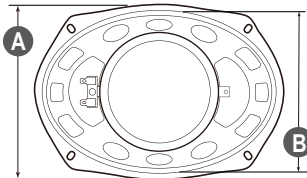
Package Contents

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

Specifications

- 3-way full range system
Woofer: 6" x 9" (153 x 229 mm)
polypropylene cone, rubber surround
Midrange: 2.5" (63.5 mm), dome
Tweeter: 1" (25mm)
- Output power: max 500 W
- Nominal impedance: 4 Ω
- Frequency response: 65 Hz – 20 kHz
- Sensitivity: 88 dB (1 watt/1 meter)
- LED Power supply: 12 V/DC
- LED current consumption: 20 mA

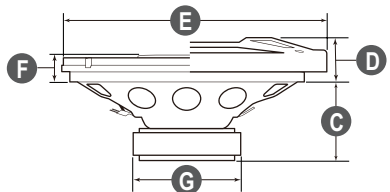
Speaker dimensions



A. Overall diameter: 9.25" x 6.42" / 235 x 163 mm

B. Mounting hole diameter:
8.66" x 5.87" (220 x 149 mm)

C. Mounting depth: 3" (76 mm)



D. Grille protrusion: 1.06" (27 mm)

E. Overall speaker with grille:
10.2" x 7.4" (260 x 187 mm)

F. Tweeter protrusion: 1" (25 mm)

G. Outer motor diameter: 3.93" (100 mm)

Installation Precautions

- Consult an expert when in doubt about installation. Professional installation is always recommended.
- Prior to installation, disconnect the negative terminal of the vehicle battery.
- Connect the LED lighting to 12V power supply only. Do not connect to 24V power supply.
- When installing the speakers, take into consideration the risks that can arise from devices being torn away in the case of an accident. Therefore, make sure the speakers are firmly secured and the mounting area is sufficiently stable.
- Avoid routing wires near any sharp or moving parts. Run wires away from other wires that may cause unwanted noise. Insulate bare wires properly.
- 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.

Mounting

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

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.

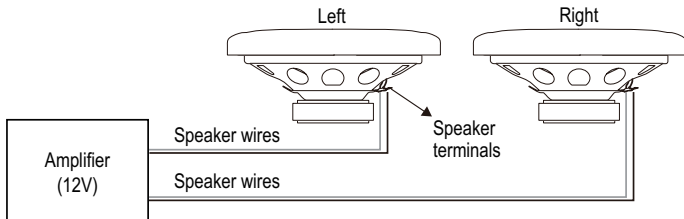
Option 2: Mounting in a new location

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 the source 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

Audio signal wiring

- Using the supplied speaker wires, connect the speakers to the audio outputs on your 12 V/DC source unit (e.g. an amplifier), 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.



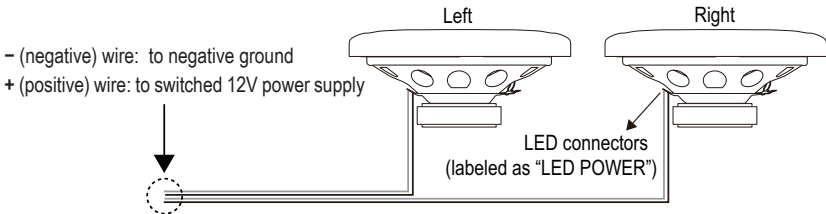
- Make sure the speakers are wired correctly at 4 ohms. Observe speaker polarity when making connections.

Speaker LED wiring

Blue LED light is equipped in the front of each speaker. Wire the LED lights to generate illumination.

- Find the LED connectors labeled as “LED POWER” on the rear part of the speaker. Then using a minimum of 16 gauge wires (not included), connect “-” (negative) connector on the speaker to your vehicle’s metal frame or to the negative battery terminal; connect “+” (positive) connector on the speaker to your vehicle’s electrical circuit with on/off switch.

If connected to the positive battery terminal, install a dedicated toggle/rocker type switch for power control.



- For short-circuit protection, install a fuse of proper rating (not included) to be in-line with the positive wire.
- Negative/Ground wire should be as short as possible.

BOSS Audio Systems
3451 Lunar Court • Oxnard, CA 93030
www.bossaudio.com
805-751-4853 Customer Service
Tech Support: www.bossaudio.com/support