

BOSS Audio Systems BRS410

BOSS Audio Systems BRS410 4x10 Inch Car Speaker Instruction Manual

Model: BRS410

INTRODUCTION

This manual provides essential information for the installation, operation, and maintenance of your BOSS Audio Systems BRS410 4x10 inch full-range replacement car speaker. Please read this document thoroughly before attempting any installation or operation to ensure proper and safe functionality.

KEY FEATURES

The BRS410 speaker is designed for optimal audio performance and durability. Key features include:

- Full Range 4" x 10" Single Speaker
- 120 Watts Max Power Handling
- 4 Ohms Impedance
- Frequency Response: 70 Hz to 20 KHz
- Sensitivity: 84 dB @ 1 watt/1 meter
- Polypropylene Cone for enhanced durability and sound quality
- Foam Surround for improved speaker excursion and longevity
- Stamped Basket construction
- 1 Inch Voice Coil

3 Year Platinum Online Dealer Warranty*

We provide a powerful 3 Year Platinum Online Dealer Warranty so long as the purchase is made through Amazon.com. We strongly encourage professional installation of this product to ensure proper and safe functionality.



- Full Range
4" x 10" Single Speaker
- 120 Watts MAX
60 Watts RMS Power Handling
- 70 Hz to 20 kHz Frequency Response & 84dB Sensitivity
- Polypropylene Woofer Cone & Foam Surround
- Stamped Steel Basket
- Sold Individually

* Register online after purchase

Image: BOSS Audio Systems BRS410 speaker highlighting its features and 3-year warranty.

BEFORE INSTALLATION

To ensure compatibility and proper installation, consider the following steps:

1. **Determine Speaker Size:** Research your vehicle's fit guide or measure the speaker's diameter and depth.
2. **Determine Speaker Type:** Coaxial speakers are all-in-one units. Component speakers include separate woofers, tweeters, and/or crossovers. The BRS410 is a full-range coaxial speaker.
3. **Power Matching:** Match speaker wattage and impedance with your car radio and amplifier to prevent damage and ensure optimal performance.
4. **Possible Accessories:** You might need a speaker adapter, wiring harness, or connectors for installation.

BEFORE YOU BUY – SPEAKER

Follow these steps to ensure this product is right for you.



STEP 1:

Determine speaker size

- Research an online vehicle fit guide or
- Measure the speaker's diameter & depth



STEP 2:

Determine speaker type

- Coaxial are all-in-one.
- Component speakers include a separate woofer, tweeter and/or crossover.



STEP 3:

Power matching

- match speaker wattage and impedance with your radio and amplifier



STEP 4:

Possible accessories you might also need:

- Speaker adaptor
- Wiring harness
- Connectors

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Image: Guide for determining speaker compatibility before purchase.

INSTALLATION GUIDELINES

Professional installation of this product is strongly encouraged to ensure proper and safe functionality. Incorrect installation can lead to damage to the speaker, vehicle, or personal injury.

General Steps:

1. **Disconnect Power:** Before starting, disconnect the vehicle's battery to prevent electrical shorts.
2. **Remove Old Speaker:** Carefully remove the existing speaker from its mounting location.
3. **Check Fitment:** Verify that the BRS410 speaker fits the mounting location. Refer to the dimensions below.
4. **Wiring:** Connect the speaker wires to your car's audio system. Ensure correct polarity (positive to positive, negative to negative).
5. **Mount Speaker:** Secure the BRS410 speaker using appropriate screws and mounting hardware.
6. **Test System:** Reconnect the battery and test the audio system before fully reassembling the vehicle interior.

Full Range Power

Replacement Speaker

Image: Detailed dimensions of the BRS410 speaker for installation planning.



Image: BRS410 speaker shown installed in a vehicle's interior.

Included in the Box



Image: The BRS410 speaker as it appears when included in the box.

Installation Video:

Your browser does not support the video tag.

Video: An official video demonstrating the BOSS Audio Systems BRS410 Car Speakers, including aspects of installation and sound.

OPERATION

Once properly installed, the BRS410 speaker operates as part of your vehicle's audio system. Ensure your car stereo or amplifier is powered on and connected correctly. Adjust volume and audio settings (bass, treble, balance, fader) on your head unit or amplifier to achieve your desired sound experience. Avoid excessively high volume levels for prolonged periods to prevent speaker damage and hearing loss.

MAINTENANCE

To maintain the performance and longevity of your BRS410 speaker:

- **Cleaning:** Use a soft, dry cloth to gently wipe the speaker cone and surround. Avoid using harsh chemicals or abrasive materials.
- **Avoid Moisture:** Keep the speaker dry. Exposure to excessive moisture can damage internal components.
- **Regular Inspection:** Periodically check the speaker for any signs of wear, loose connections, or damage.

- **Environmental Factors:** Protect the speaker from extreme temperatures and direct sunlight, which can degrade materials over time.

TROUBLESHOOTING

If you encounter issues with your BRS410 speaker, consider the following common troubleshooting steps:

- **No Sound:**
 - Check all wiring connections to ensure they are secure and correctly polarized.
 - Verify that the car stereo or amplifier is powered on and functioning.
 - Ensure the volume is turned up and not muted.
- **Distorted Sound:**
 - Reduce the volume level. Distortion often occurs when the amplifier or speaker is overdriven.
 - Check for loose speaker cones or damaged surrounds.
 - Ensure proper impedance matching between the speaker and amplifier.
- **Intermittent Sound:**
 - Inspect wiring for loose connections or frayed wires that may be shorting out.
 - Check for any physical obstructions or damage to the speaker.

If these steps do not resolve the issue, it is recommended to consult a professional car audio technician.

TECHNICAL SPECIFICATIONS

Specification	Value
Model Name	BRS410
Speaker Type	Car Speaker (Coaxial)
Speaker Size	4" x 10"
Maximum Output Power	120 Watts
Impedance	4 Ohms
Frequency Response	70 Hz to 20 KHz
Sensitivity	84 dB @ 1 watt/1 meter
Mounting Depth	2.3 inches (58 mm)
Product Dimensions	4"D x 10"W x 2.36"H
Item Weight	14.4 ounces
Material	Polyurethane
Included Components	Speaker

WARRANTY AND SUPPORT

BOSS Audio Systems provides a powerful **3-year platinum online dealer warranty** for this product, provided the purchase is made through Amazon.com. Please retain your proof of purchase for warranty claims.

For technical support, warranty inquiries, or further assistance, please visit the official BOSS Audio Systems website or contact their customer service directly. Contact information can typically be found on the product packaging or the brand's official website.

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