

## JBL STAGE602

# JBL Stage 602 6-1/2" 2-Way Speakers

## INSTRUCTION MANUAL

### Introduction

This manual provides essential information for the proper installation, operation, and maintenance of your JBL Stage 602 6-1/2" 2-Way Coaxial Car Speakers. Please read this manual thoroughly before attempting installation or use to ensure optimal performance and safety. The JBL Stage 602 speakers are designed to deliver clear and dynamic audio in your vehicle, featuring polypropylene woofers for robust bass and midrange, and PEI balanced dome tweeters for crisp high frequencies.

### Important Safety Information

Always observe the following safety precautions during installation and operation:

- Disconnect the vehicle's negative battery terminal before beginning any electrical work to prevent short circuits.
- Ensure all wiring is properly insulated and secured to prevent damage from vibration or sharp edges.
- Do not install speakers in locations that obstruct vehicle operation or safety features.
- Avoid exposing speakers to excessive moisture or extreme temperatures.
- If you are unsure about any part of the installation process, consult a qualified professional car audio installer.
- Operate audio equipment at safe listening levels to prevent hearing damage.

### What's in the Box

Your JBL Stage 602 speaker package includes the following components:

- 1 pair of JBL Stage 602 coaxial speakers
- Speaker grilles
- Mounting screws



Image: Rear view of a single JBL Stage 602 speaker, highlighting the magnet structure, wiring terminals, and the speaker frame with mounting points. This image illustrates the primary speaker unit included in the package.

## Setup and Installation

Proper installation is crucial for the performance and longevity of your speakers. Follow these general guidelines:

1. **Preparation:** Before starting, ensure you have all necessary tools (screwdrivers, wire strippers, drill, etc.) and verify the speakers fit your vehicle's designated speaker locations.
2. **Remove Existing Speakers:** Carefully remove the factory speakers from their mounting locations. Disconnect their wiring.
3. **Mounting:** Place the new JBL Stage 602 speakers into the openings. Use the provided mounting screws to secure them firmly. Ensure there is no interference with window mechanisms or other vehicle components.
4. **Wiring:** Connect the speaker wires to your vehicle's audio system. Pay close attention to polarity: connect the positive (+) terminal of the speaker to the positive (+) output of your amplifier or head unit, and the negative (-) terminal to the negative (-) output. Incorrect polarity can lead to poor sound quality.
5. **Test:** Before reassembling interior panels, temporarily connect the battery and test the speakers to ensure they are functioning correctly.
6. **Reassemble:** Once confirmed, reassemble all interior panels and grilles.



Image: A pair of JBL Stage 602 speakers. One speaker is shown with its protective grille installed, while the other is without, revealing the central tweeter and the polypropylene woofer cone. This image provides a clear view of the speaker's front design.



Image: Side profile of a JBL Stage 602 speaker, illustrating the depth of the speaker cone and the magnet assembly. This view is helpful for understanding the speaker's physical dimensions and how it might fit into a mounting location.

## Operation

Once installed, your JBL Stage 602 speakers are ready for use. Follow these steps for optimal audio experience:

- **Head Unit Connection:** Ensure your speakers are properly connected to a compatible car stereo head unit or amplifier.
- **Audio Settings:** Adjust the bass, treble, balance, and fader settings on your head unit to achieve your preferred sound profile.
- **Break-in Period:** Allow a brief break-in period (typically a few hours of normal listening) for the speaker components to settle and deliver their full acoustic potential.

- **Volume Control:** Operate the speakers within their rated power handling (45 Watts RMS, 135 Watts Peak) to prevent distortion and damage.

## Maintenance

To ensure the longevity and continued performance of your JBL Stage 602 speakers, follow these simple maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to gently wipe down the speaker grilles and surrounds. Avoid using harsh chemicals, solvents, or abrasive cleaners, as these can damage the speaker materials.
- **Inspection:** Periodically check the speaker connections to ensure they are secure and free from corrosion.
- **Environmental Protection:** While designed for automotive use, protect the speakers from excessive direct sunlight, extreme temperatures, and prolonged exposure to moisture.

## Troubleshooting

If you encounter issues with your JBL Stage 602 speakers, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No sound from speakers	Loose or incorrect wiring; Head unit or amplifier not powered on; Blown fuse in head unit/amplifier.	Check all speaker connections for proper polarity and secure fit. Ensure head unit/amplifier is powered and functioning. Check and replace any blown fuses.
Distorted or unclear sound	Input signal too high (clipping); Incorrect amplifier gain settings; Damaged speaker; Loose mounting.	Reduce volume or input level. Adjust amplifier gain settings. Inspect speakers for physical damage. Ensure speakers are securely mounted.
Weak or absent bass	Incorrect wiring polarity; Head unit bass settings too low; Speaker not properly sealed in mounting location.	Verify speaker wire polarity. Adjust bass settings on your head unit. Ensure the speaker is sealed well in its mounting location to prevent bass cancellation.
Intermittent sound	Loose wiring connection; Faulty speaker wire; Overheating amplifier.	Check and secure all wiring connections. Inspect speaker wires for damage. Allow amplifier to cool down if overheating is suspected.

## Specifications

Detailed technical specifications for the JBL Stage 602 speakers:

Feature	Detail
Model Name	JBL Stage 602
Speaker Type	2-Way Coaxial Woofer





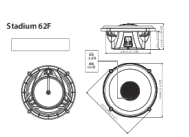

Feature	Detail
Speaker Size	6.5 Inches
Peak Power Handling	135 Watts
RMS Power Handling	45 Watts
Impedance	4 Ohms
Woofer Material	Polypropylene
Included Components	1 pair of coaxial speakers, grilles, and mounting screws
Product Dimensions (approx.)	2"D x 2"W x 2"H
Item Weight	3.87 pounds
Connectivity Technology	Coaxial
Audio Output Mode	Stereo
Manufacturer	JBL

### Warranty Information

JBL Stage 602 speakers come with a Limited Warranty. For specific details regarding warranty coverage, terms, and conditions, please refer to the warranty card included with your product or visit the official JBL website. Keep your proof of purchase for warranty claims.

### Customer Support

For further assistance, technical support, or inquiries regarding your JBL Stage 602 speakers, please visit the official JBL website or contact their customer service department. You can find contact information and additional resources at [www.jbl.com](http://www.jbl.com).

	<p><a href="#">JBL Stage 2 Architectural Loudspeakers Installation Guide</a></p> <p>Installation guide for JBL Stage 2 Series Architectural Loudspeakers, covering in-wall and in-ceiling models, safety precautions, installation steps, specifications, and accessories.</p>
	<p><a href="#">JBL Stage 2 Architectural Loudspeakers Installation Guide</a></p> <p>Comprehensive installation guide for JBL Stage 2 Series architectural loudspeakers, covering in-wall and in-ceiling models, safety precautions, installation steps, and detailed specifications.</p>
	<p><a href="#">Connecting JBL Speakers Together: A Comprehensive Guide</a></p> <p>Learn how to connect multiple JBL speakers wirelessly via Bluetooth for an enhanced audio experience. This guide covers connecting JBL speakers using the JBL Connect and Connect+ features, as well as troubleshooting common connection issues.</p>
	<p><a href="#">JBL Stage XD Indoor/Outdoor Speakers Quick Start Guide &amp; Installation</a></p> <p>Get started with your JBL Stage XD Indoor/Outdoor Speakers. This guide provides essential information, installation steps, safety warnings, and specifications for the Stage XD-5 and Stage XD-6 models.</p>
	<p><a href="#">JBL Stadium Series Car Speakers: Features, Specifications, and Installation Guide</a></p> <p>Explore the JBL Stadium Series car audio speakers, featuring high-resolution tweeters, Plus One™ woofers, and detailed specifications for various models. Find out what's included in the box and technical data for enhanced car audio.</p>
	<p><a href="#">JBL Stage 1200S Subwoofer Owner's Manual and Installation Guide</a></p> <p>This document provides the owner's manual, installation instructions, technical specifications, and warranty information for the JBL Stage 1200S sealed slim enclosure subwoofer. It guides users on proper installation, care, and safe listening practices.</p>