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JBL Stage 3627

JBL Stage 3627 6.5-inch Two-Way Car Audio Speaker Instruction Manual

1. INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your JBL Stage 3627 6.5-inch two-way car audio speakers. Please read this manual thoroughly before attempting installation or use to ensure optimal performance and safety.

2. SAFETY INFORMATION

Always observe the following safety precautions:

- Disconnect the vehicle's battery before beginning any electrical installation to prevent short circuits.
- Ensure all wiring is properly insulated and secured to prevent damage or interference.
- Consult a professional installer if you are unsure about any aspect of the installation process.
- Avoid installing speakers in locations that obstruct vehicle operation or safety features.
- Do not expose speakers to excessive moisture or extreme temperatures.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- 2 x JBL Stage 3627 6.5-inch Speakers
- 2 x Speaker Grilles
- 8 x Mounting Screws
- 8 x Speed Clips



Figure 3.1: JBL Stage 3627 Speakers and included components.

4. FEATURES

The JBL Stage 3627 speakers incorporate several design elements for enhanced audio performance:

- **Plus One Woofers Cones:** Designed to provide a larger surface area, which increases overall efficiency by up to 2dB. This contributes to superior output and performance, especially when upgrading from a factory system.
- **Edge-driven Dome Tweeter:** Delivers a broader and smoother high-frequency response for clear and detailed sound.
- **Engineered to Fit:** Designed for compatibility with a wide range of vehicle applications.
- **Vented Basket Frame Design:** Helps to cool the voice coils, contributing to speaker reliability and longevity.

5. SETUP AND INSTALLATION

Proper installation is crucial for optimal speaker performance. Follow these general steps:

5.1. Preparation

1. Disconnect the negative terminal of your vehicle's battery.
2. Remove existing speakers or access the speaker mounting locations in your vehicle.
3. Ensure the mounting location has sufficient depth and clearance for the JBL Stage 3627 speakers. Refer to the specifications section for dimensions.

5.2. Wiring

1. Identify the positive (+) and negative (-) speaker wires from your vehicle's audio system.

2. Connect the positive terminal of the JBL speaker to the positive wire from the audio system.
3. Connect the negative terminal of the JBL speaker to the negative wire from the audio system.
4. Ensure all connections are secure and properly insulated to prevent short circuits.



Figure 5.1: Rear view of the speaker with wiring terminals.

5.3. Mounting

1. Place the speaker into the mounting opening.
2. Align the speaker's mounting holes with the vehicle's mounting points.
3. Secure the speaker using the provided mounting screws and speed clips. Do not overtighten.
4. If desired, attach the speaker grilles over the installed speakers.



Figure 5.2: Front view of the speaker without grille.



Figure 5.3: Front view of the speaker with grille.

5.4. Final Steps

1. Reconnect the negative terminal of the vehicle's battery.
2. Test the speakers to ensure they are functioning correctly.

6. OPERATING

Once installed, the JBL Stage 3627 speakers operate as part of your vehicle's audio system. Adjust audio settings (bass, treble, balance, fader) on your head unit or amplifier to achieve your preferred sound quality. Avoid setting volume levels excessively high for prolonged periods to prevent speaker damage and hearing loss.

7. MAINTENANCE

The JBL Stage 3627 speakers require minimal maintenance:

- **Cleaning:** Use a soft, dry cloth to gently wipe the speaker grilles and cones. Do not use harsh chemicals

or abrasive cleaners.

- **Inspection:** Periodically check wiring connections for looseness or corrosion.
- **Environment:** Ensure the speakers are not exposed to direct sunlight for extended periods or extreme temperature fluctuations, which can degrade materials over time.

8. TROUBLESHOOTING

If you encounter issues with your JBL Stage 3627 speakers, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No sound from speakers	Loose or incorrect wiring connections Head unit or amplifier not powered on Blown fuse in audio system	Check and secure all speaker wires Ensure audio system is on and functioning Inspect and replace any blown fuses
Distorted or poor sound quality	Incorrect audio settings Over-driving speakers (volume too high) Damaged speaker cone or voice coil Improper impedance match	Adjust bass/treble, balance, and fader settings Reduce volume to a moderate level Inspect speakers for physical damage Ensure speakers are compatible with amplifier impedance
Intermittent sound	Loose wiring connection Faulty audio source or amplifier	Check and secure all wiring connections Test with a different audio source or consult an audio technician

If the problem persists after attempting these solutions, contact JBL customer support or a qualified car audio technician.

9. SPECIFICATIONS

Detailed technical specifications for the JBL Stage 3627 6.5-inch Two-Way Car Audio Speakers:

Specification	Value
Model Name	Stage 3627
Item Model Number	Stage3627AM
Speaker Type	Woofer (Coaxial)
Speaker Size	6.5 Inches
Speaker Maximum Output Power	225 Watts
Surround Sound Channel Configuration	2.0

Specification	Value
Connectivity Technology	Wired
Recommended Uses For Product	Vehicle
Compatible Devices	Vehicle
Color	Black
Product Dimensions	17"D x 15.25"W x 9.75"H
Item Weight	2.9 Pounds
Is Waterproof	FALSE
UPC	050036353908
Manufacturer	JBL
Date First Available	February 8, 2019



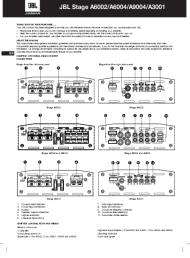
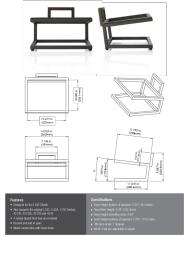


Figure 9.1: Side view of the speaker, illustrating its depth.

10. WARRANTY AND SUPPORT

The JBL Stage 3627 speakers come with a Limited Warranty. Please refer to the warranty card included with your product or visit the official JBL website for detailed warranty terms and conditions.

For technical support, troubleshooting assistance, or warranty claims, please contact JBL customer service through their official website or the contact information provided in your product documentation.

 	<p>JBL Stage 2 Architectural Loudspeakers Installation Guide</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>JBL Stage 2 Architectural Loudspeakers Installation Guide</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>Connecting JBL Speakers Together: A Comprehensive Guide</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>JBL Stage A6002/A6004/A9004/A3001 Amplifier User Manual and Installation Guide</p> <p>Comprehensive user manual and installation guide for JBL Stage A6002, A6004, A9004, and A3001 car audio amplifiers. Covers installation precautions, wiring diagrams, connection instructions, operation settings, troubleshooting, and technical specifications.</p>
	<p>JBL JS-120 Loudspeaker Stand - Features, Specifications, and Assembly</p> <p>Detailed information on the JBL JS-120 Loudspeaker Stand, including its features, technical specifications, compatible loudspeaker models, and assembly instructions. Designed for enhanced audio performance and stability.</p>
	<p>JBL On Stage IIIP User Guide: Setup, Features, and Troubleshooting</p> <p>Comprehensive user guide for the JBL On Stage IIIP portable loudspeaker dock for iPhone and iPod. Includes setup instructions, safety information, remote control guide, and troubleshooting tips.</p>