

JBL Stage 3607CF

JBL Stage 3607CF 6.5-inch Car Audio Component System User Manual

INTRODUCTION

The JBL Stage 3607CF is a 6.5-inch two-way car audio component system designed to deliver premium sound quality in your vehicle. This system includes woofers, tweeters, and external crossovers, engineered to provide an enhanced audio experience with improved efficiency. The Plus One Woofer Cones offer a larger surface area for increased efficiency, while edge-driven dome tweeters ensure a broader and smoother high-frequency response.

This manual provides essential information for the proper installation, operation, and maintenance of your JBL Stage 3607CF component system.

WHAT'S IN THE BOX

Upon unpacking your JBL Stage 3607CF system, verify that all components are present:

- 2 x 6.5-inch Speakers (Woofers)
- 2 x Crossovers
- 2 x Tweeters
- 2 x Flush-mount cups for tweeters
- 2 x Surface-mount cups for tweeters
- 4 x Long screws
- 4 x Short screws



Image: All components included in the JBL Stage 3607CF system.

SETUP AND INSTALLATION

Proper installation is crucial for optimal performance. If you are unfamiliar with car audio system installation, it is recommended to seek professional assistance.

General Installation Guidelines:

- **Safety First:** Disconnect the vehicle's battery before beginning any electrical work.
- **Mounting Location:** Select appropriate mounting locations for the woofers, tweeters, and crossovers. Ensure sufficient clearance and secure mounting.
- **Wiring:** Route all wiring carefully, avoiding sharp edges, moving parts, and heat sources. Use appropriate gauge speaker wire.

Component Connections:

The JBL Stage 3607CF system utilizes external crossovers to separate audio frequencies for the woofers and tweeters. Connect your amplifier or head unit's speaker outputs to the input terminals of the crossovers. Then, connect the woofer output terminals from the crossover to the woofers, and the tweeter output terminals to the tweeters.

Important Note: The system includes wires for connecting the tweeters to the crossovers. However, additional speaker wire may be required to connect the woofers to the crossovers, as these are not always included in the standard package. Ensure you have adequate speaker wire for all connections.



Image: Crossovers and tweeters with connection points.

Tweeter Mounting:

The tweeters can be mounted using either the flush-mount cups for a recessed installation or the surface-mount cups for a more exposed placement. Choose the option that best suits your vehicle's interior and desired sound dispersion.



Image: Side profile of the woofer, tweeter, and crossover.

OPERATING YOUR SYSTEM

Once installed, the JBL Stage 3607CF component system operates in conjunction with your car's head unit and amplifier (if applicable). The crossovers manage the frequency distribution to ensure each speaker receives the appropriate audio signal.

- **Audio Source:** Select your desired audio source from your head unit.
- **Volume Control:** Adjust the volume to a comfortable listening level. Avoid excessively high volumes that can cause distortion and potential damage to the speakers.
- **Tone Controls:** Use your head unit's or amplifier's tone controls (bass, treble, balance, fader) to fine-tune the sound to your preference.

MAINTENANCE

To ensure the longevity and optimal performance of your JBL Stage 3607CF component system, follow these maintenance guidelines:

- **Cleaning:** Gently wipe the speaker cones and grilles (if applicable) with a soft, dry cloth. Avoid using harsh chemicals or abrasive cleaners.
- **Environmental Protection:** Protect the speakers from excessive moisture, direct sunlight, and extreme temperatures.
- **Connection Checks:** Periodically inspect all wiring connections to ensure they are secure and free from corrosion. Loose connections can lead to poor sound quality or intermittent operation.

TROUBLESHOOTING

If you encounter issues with your JBL Stage 3607CF system, refer to the following common troubleshooting steps:

- **No Sound:**
 - Check all wiring connections from the head unit to the amplifier (if used), to the crossovers, and to the speakers.
 - Ensure the head unit is powered on and set to the correct source.
 - Verify that the amplifier (if used) is powered on and not in protection mode.
- **Distorted Sound:**
 - Reduce the volume level. Distortion often occurs when the system is overdriven.
 - Check the gain settings on your amplifier. Incorrect gain settings can cause distortion.
 - Inspect speaker wires for fraying or short circuits.
- **One Speaker Not Working:**
 - Check the specific speaker's wiring connections at both the speaker and the crossover.
 - Swap the non-working speaker with a known good one (if possible) to determine if the issue is with the speaker or the wiring/crossover.
- **Intermittent Sound:**
 - Check for loose connections at any point in the audio chain.
 - Ensure proper grounding for the amplifier and head unit.

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

SPECIFICATIONS

Brand	JBL
Model Name	Stage 3607CF
Speaker Size	6.5 Inches
Speaker Maximum Output Power	225 Watts
Audio Output Mode	Surround

Mounting Type	Car Audio
Speaker Type	Woofer
Woofer Diameter	6.5 Inches
Tweeter Diameter	6.07 Centimeters
Connectivity Technology	Coaxial (Component System with external crossover)
Power Source	Corded Electric (via vehicle's electrical system)
UPC	050036353977

WARRANTY INFORMATION

The JBL Stage 3607CF component system comes with a **1-year manufacturer's warranty**. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for any warranty claims.

The warranty does not cover damage resulting from improper installation, accident, misuse, abuse, neglect, unauthorized repair or modification, or normal wear and tear. For detailed warranty terms and conditions, please refer to the documentation provided with your product or visit the official JBL website.

SUPPORT

For further assistance, technical support, or to inquire about service, please contact JBL customer support or visit their official website.

- **JBL Official Website:** [Visit the JBL Store on Amazon](#)
- Refer to the contact information provided in your product packaging.