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Sony XS-GTF1639

Sony XS-GTF1639 6.5-inch 3-Way Car Audio Speakers Instruction Manual

Model: XS-GTF1639

INTRODUCTION

This manual provides essential information for the safe and effective installation, operation, and maintenance of your Sony XS-GTF1639 6.5-inch 3-Way Car Audio Speakers. Please read this manual thoroughly before using the product and retain it for future reference.



Image: Front view of the Sony XS-GTF1639 speakers, showing one with its protective grille and another without, revealing the cone and tweeter assembly.

IMPORTANT SAFETY INFORMATION

Observe the following safety precautions to prevent accidents, injuries, or damage to the product and vehicle:

- **Professional Installation Recommended:** Car audio installation can be complex and may require specialized tools

and knowledge. If you are unsure about any step, consult a qualified professional installer.

- **Disconnect Battery:** Always disconnect the vehicle's negative battery terminal before beginning any electrical work to prevent short circuits and electrical hazards.
- **Wiring:** Ensure all wiring is correctly connected according to the vehicle's wiring diagram and the speaker's specifications. Incorrect wiring can cause damage to the speakers or the vehicle's electrical system.
- **Mounting:** Securely mount the speakers to prevent them from becoming loose during vehicle operation, which could cause injury or damage.
- **Volume Levels:** Avoid prolonged listening at excessively high volume levels, as this can cause hearing damage.
- **Environmental Conditions:** These speakers are not waterproof. Avoid exposure to water or excessive moisture.
- **California Proposition 65 Warning:** This product may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

PACKAGE CONTENTS

Verify that all items are present in the package:

- One pair of Sony XS-GTF1639 6.5-inch 3-Way Car Audio Speakers
- Mounting hardware (screws, clips, etc.)
- Speaker grilles (if applicable and not pre-installed)

Note: The exact contents may vary slightly. Refer to the product packaging for a definitive list.

SETUP AND INSTALLATION

The Sony XS-GTF1639 speakers are designed for flush mounting in compatible vehicle locations. Follow these general steps for installation:

1. Preparation:

- Ensure the vehicle's battery is disconnected.
- Remove existing speakers or access the speaker mounting locations in your vehicle (e.g., door panels, rear deck).
- Confirm the mounting depth and diameter are suitable for 6.5-inch speakers.

2. Mounting the Speakers:



Image: Close-up view of the Sony XS-GTF1639 speaker without its grille, showing the cone, tweeter, and mounting holes.

- Position the speaker in the desired mounting location. The speakers are designed for flush mounting.
- Align the speaker's mounting holes with the vehicle's speaker openings or adapter brackets.
- Secure the speaker using the provided mounting screws. Do not overtighten.

3. Wiring Connections:



Image: Rear view of the Sony XS-GTF1639 speaker, displaying the magnet structure and the positive and negative wiring terminals.

- Connect the positive (+) speaker wire from your car's audio system to the positive terminal on the speaker.
- Connect the negative (-) speaker wire from your car's audio system to the negative terminal on the speaker.
- Ensure all connections are secure and insulated to prevent short circuits.

4. Reassembly and Testing:

- Once speakers are wired and mounted, reassemble any removed vehicle panels.
- Reconnect the vehicle's battery.
- Turn on your car's audio system and test the speakers at a low volume to ensure proper functionality.

For detailed vehicle-specific installation instructions, consult your vehicle's service manual or a professional installer.

OPERATING INSTRUCTIONS

The Sony XS-GTF1639 speakers are passive components of your car's audio system. Their operation is controlled by your car's head unit or amplifier.

- **Power On/Off:** The speakers will power on and off with your car's audio system.
- **Volume Control:** Adjust the volume using your car's head unit. Start at a low volume and gradually increase it to a comfortable listening level.

- **Audio Settings:** Utilize your car's head unit equalizer and balance/fader controls to optimize the sound output. These speakers support stereo and surround sound audio modes, depending on your head unit's capabilities.
- **Source Selection:** Select your desired audio source (radio, CD, Bluetooth, etc.) through your car's head unit.

Note: The "Control Method: Touch" specification refers to the control interface of the connected audio source (e.g., car stereo head unit), not the speakers themselves.

MAINTENANCE AND CARE

Proper care will help extend the life and performance of your speakers:

- **Cleaning:** Gently wipe the speaker grilles and surrounds with a soft, dry cloth. Do not use abrasive cleaners, solvents, or excessive moisture.
- **Moisture Protection:** These speakers are not waterproof. Protect them from direct exposure to water, rain, or excessive humidity.
- **Temperature:** Avoid exposing the speakers to extreme temperatures, which can affect material integrity.
- **Physical Damage:** Prevent objects from puncturing or damaging the speaker cones or tweeters.

TROUBLESHOOTING

If you experience issues with your Sony XS-GTF1639 speakers, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No sound from speakers	<ul style="list-style-type: none"> Incorrect wiring connections Speaker wires disconnected Car audio system off or muted Blown fuse in car audio system 	<ul style="list-style-type: none"> Check all positive and negative wiring connections. Ensure speaker wires are securely attached. Verify car audio system is on and not muted. Inspect and replace any blown fuses.
Distorted or poor sound quality	<ul style="list-style-type: none"> Loose wiring connections Speaker cone damage Improper audio settings (equalizer, bass boost) Overpowering the speakers 	<ul style="list-style-type: none"> Check and secure all wiring. Inspect speaker cones for visible damage. Adjust audio settings on your head unit. Reduce volume to prevent distortion.
Low volume output	<ul style="list-style-type: none"> Low volume setting on head unit Improper fader/balance settings Weak audio source signal 	<ul style="list-style-type: none"> Increase volume on your car's head unit. Adjust fader and balance settings to ensure sound is directed to all speakers. Ensure your audio source (e.g., smartphone) has sufficient output volume.

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

SPECIFICATIONS

Model Number	XS-GTF1639
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Model Name (Internal)	IC SBX1639-41
Brand	Sony
Speaker Type	Coaxial, 3-Way
Speaker Size	6.5 Inches (16.5 cm)
Peak Power Output	270 Watts
Connectivity Technology	Wired
Mounting Type	Flush Mount
Audio Output Mode	Stereo, Surround Sound
Product Dimensions (Approx.)	6.22"D x 6.22"W x 19.84"H
Item Weight (Approx.)	3.3 Pounds (1.5 kg)
Waterproof	No
UPC	027242911529

Note: Specifications are subject to change without notice. Product dimensions and weight may refer to the packaged product.

WARRANTY AND SUPPORT

Warranty Information:

This product comes with a Full Warranty from Sony. For specific terms, conditions, and duration of your warranty, please refer to the warranty card included with your product or visit the official Sony website.

Customer Support:

For technical assistance, troubleshooting beyond this manual, or warranty claims, please contact Sony customer support:

- **Sony Support Website:** www.sony.com/electronics/support
- Refer to your product packaging or the Sony website for regional contact information (phone numbers, service centers).