

Audio System XFIT BMW Uni EVO 2

Audio System XFIT BMW Uni EVO 2-Way 3-Way Partially Active Front Speaker System User Manual

Model: XFIT BMW Uni EVO 2 | Brand: Audio System

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Audio System XFIT BMW Uni EVO 2-Way 3-Way Partially Active Front Speaker System. Designed for compatibility with various BMW E/F/G Series and Mini models, this speaker set enhances your vehicle's audio experience with its 3-way partially active design. Please read this manual thoroughly before installation and use to ensure optimal performance and longevity of your product.

PACKAGE CONTENTS

Verify that all components are present in your package:

- 2 x HS 25 EVO 2 Tweeters
- 2 x FWK TW EVO + FWK MID Crossovers
- 2 x EX 80 SQ EVO 2 Mid-range Speakers
- 2 x LSR 80 BMW I + 2 x LSR 80 BMW II Speaker Adapters
- 2 x AX 08 BMW PLUS EVO Woofers
- 1 x HLAC BMW Connector (pair)
- 2 x Original BMW Connectors
- Mounting accessories
- Installation instructions



Figure 1: Overview of the Audio System XFIT BMW Uni EVO 2 speaker system components. This image displays the main components of the speaker kit, including the large woofers, smaller mid-range speakers, dome tweeters, passive crossovers, and various wiring harnesses and adapters required for installation.

SETUP AND INSTALLATION

Professional installation is recommended for this speaker system. Incorrect installation can damage the product or your vehicle's electrical system. Always disconnect the vehicle's battery before beginning any electrical work.

General Installation Steps:

1. **Preparation:** Ensure the vehicle's ignition is off and the battery is disconnected. Gather all necessary tools.
2. **Access Existing Speakers:** Carefully remove door panels, seat bases, or other trim pieces to access the factory speaker locations. Refer to your vehicle's service manual for specific trim removal procedures.
3. **Woofer Installation:** The AX 08 BMW PLUS EVO woofers are designed to fit under-seat locations in compatible BMW models. Use the provided LSR 80 BMW I and LSR 80 BMW II adapters as needed to ensure a secure fit. Connect the woofers using the original BMW connectors or the HLAC BMW connector pair.
4. **Mid-range Speaker Installation:** Install the EX 80 SQ EVO 2 mid-range speakers into the designated door or dashboard locations.
5. **Tweeter Installation:** Mount the HS 25 EVO 2 tweeters in the factory tweeter locations, typically in the door sails or A-pillars.
6. **Crossover Connection:** Connect the FWK TW EVO + FWK MID crossovers between the amplifier output and the respective speakers (tweeters and mid-range). Ensure correct polarity. These crossovers manage the frequency distribution to each speaker for optimal sound.
7. **Wiring:** Route all speaker wires securely, avoiding sharp edges and moving parts. Ensure all connections are tight and insulated.

8. **Testing:** Before reassembling the interior, reconnect the vehicle battery and test the speaker system with various audio sources to confirm proper functionality and sound quality.
9. **Reassembly:** Once confirmed, carefully reassemble all removed trim pieces.

OPERATING INSTRUCTIONS

The Audio System XFIT BMW Uni EVO 2 speaker system is a passive component designed to work with your vehicle's existing or aftermarket amplifier. Once correctly installed, its operation is integrated with your car's audio head unit and amplifier.

- **Audio Source:** Play audio through your car's head unit (radio, CD, Bluetooth, etc.).
- **Volume Control:** Adjust the volume using your car's standard controls.
- **Audio Settings:** Utilize your head unit's equalizer, balance, and fader controls to fine-tune the sound to your preference.
- **Amplifier Settings:** If using an aftermarket amplifier, refer to its manual for optimal gain, crossover, and other settings.

MAINTENANCE

The Audio System XFIT BMW Uni EVO 2 speaker system requires minimal maintenance. Follow these guidelines to ensure long-term performance:

- **Cleaning:** Keep speaker grilles free from dust and debris. Use a soft, dry cloth to gently wipe surfaces. Avoid using harsh chemicals or abrasive cleaners.
- **Environmental Conditions:** Ensure the speakers are not exposed to excessive moisture or extreme temperatures, which can affect performance and lifespan.
- **Professional Inspection:** If you notice any degradation in sound quality or suspect damage, consult a professional car audio technician for inspection.

TROUBLESHOOTING

If you encounter issues with your speaker system, refer to the following common problems and solutions:

- **No Sound from Speakers:**
 - Check all wiring connections for looseness or disconnections.
 - Verify that the amplifier is powered on and functioning correctly.
 - Ensure the head unit is outputting audio and volume is not muted or set too low.
 - Inspect fuses in the amplifier or vehicle's fuse box.
- **Distorted Sound:**
 - Reduce the volume level; distortion often occurs at excessively high volumes.
 - Check amplifier gain settings; if set too high, it can cause distortion.
 - Inspect speaker cones for physical damage.
 - Ensure speaker wires are not shorting or touching other metal surfaces.
- **One Speaker Not Working:**
 - Check the specific speaker's wiring connections and 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/amplifier channel.
- Adjust balance and fader settings on your head unit.
- **Intermittent Sound:**
 - Loose wiring connections are a common cause. Re-secure all terminals.
 - Check for damaged speaker wires that might be intermittently losing contact.

If these steps do not resolve the issue, contact customer support or a qualified technician.

SPECIFICATIONS

Feature	Detail
Model Name	XFIT BMW Uni EVO 2
Brand	Audio System
Speaker Type	3-Way Partially Active Front Speaker System (Woofer, Mid-range, Tweeter)
Woofer Size	200 mm (AX 08 BMW PLUS EVO)
Mid-range Speaker Type	EX 80 SQ EVO 2
Tweeter Type	HS 25 EVO 2
Impedance	2 ohms (Woofer)
Power Handling (Mid-range/Tweeters)	2 x 135/90 W (Max/RMS)
Power Handling (Woofers)	2 x 250/175 W (Max/RMS)
Connectivity Technology	Auxiliary (Wired)
Compatible Vehicles	BMW E/F/G Series (E81, E82, E87, E88, F20, F21, F22, F23, E90, E91, E92, E93, F30, F31, F32, F34, F36, E60, E61, F07, F10, F11, F06, F12, F13, E65, E66, F01, F02, E84, E83, F25, F26, E70, F15, E71, F16, G30, G31, G32, etc.), Mini G30/31/32/11/12/01/02/05

WARRANTY AND SUPPORT

For warranty information, please refer to the documentation provided with your purchase or contact your retailer. Audio System products are designed for durability and performance, and specific warranty terms may vary by region and retailer.


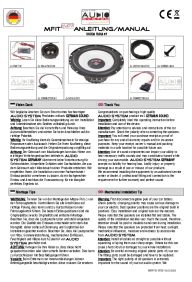
For technical support, installation assistance, or further inquiries, please visit the official Audio System website or contact their authorized service centers. You can often find contact details on the product packaging or the manufacturer's website.

Manufacturer: AUDIO SYSTEM



Related Documents - XFIT BMW Uni EVO 2

	<p>AUDIO SYSTEM XFIT EVO2 Car Speaker Installation Manual</p> <p>Comprehensive installation guide for AUDIO SYSTEM XFIT EVO2 car speakers, covering compatibility with Chevrolet and Opel models, mounting tips, wiring, and crossover settings.</p>
	<p>AUDIO SYSTEM XFIT EVO2 Installation Manual for Skoda Octavia 5E / Superb 3V</p> <p>This manual provides installation instructions for the AUDIO SYSTEM XFIT EVO2 speaker system in Skoda Octavia 5E and Skoda Superb 3V vehicles. It details component identification, mounting tips, tweeter and midrange speaker installation, crossover settings, and optional accessories.</p>
	<p>AUDIO SYSTEM XFIT Installation Manual for Skoda Octavia 5E / Superb 3V</p> <p>Comprehensive installation manual for AUDIO SYSTEM XFIT car speakers, detailing component setup, wiring, and mounting tips for Skoda Octavia 5E and Superb 3V models. Includes technical specifications and optional accessories.</p>
	<p>AUDIO SYSTEM XFIT Ford Focus MK3 EVO2 Speaker System Installation Manual</p> <p>Official installation and user manual for the AUDIO SYSTEM XFIT Ford Focus MK3 EVO2 speaker system. Includes component lists, installation tips, and technical specifications for car audio enthusiasts.</p>

	<p>Audio System SUBFRAME RIO FLAT EVO 2 Series User Manual and Technical Specifications</p> <p>Comprehensive user manual and technical specifications for the Audio System SUBFRAME RIO FLAT EVO 2 series car audio subwoofer enclosures, including installation tips and safety guidelines.</p>
	<p>AUDIO SYSTEM MFIT EVO2 Speaker System Manual for Skoda Fabia 6Y</p> <p>Comprehensive installation and user manual for the AUDIO SYSTEM MFIT EVO2 speaker system, designed for the Skoda Fabia 6Y. Includes technical specifications, installation tips, and crossover settings.</p>