

Focal ISVW155

Focal Inside ISVW155 6.1" Component Speaker System User Manual

For Select Volkswagen Vehicles

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Focal Inside ISVW155 6.1" Component Speaker System. Designed specifically for select Volkswagen vehicles, this system delivers enhanced audio performance. Please read this manual thoroughly before installation and use to ensure proper function and longevity of your speakers.



Figure 1: Overview of the Focal Inside ISVW155 Component Speaker System.

2. COMPONENTS INCLUDED

The Focal Inside ISVW155 system typically includes the following components:

- Two 6.1" (155mm) woofers with integrated chassis spacers
- Two aluminum inverted dome tweeters
- Two vehicle-dedicated connectors (wiring harnesses)
- Foam kit (tweeter mounting foams and anti-vibration foams)
- Mounting hardware



Figure 2: Detailed view of speaker components and included accessories.

3. SETUP AND INSTALLATION

Proper installation is crucial for optimal sound quality and system longevity. It is recommended that installation be performed by a qualified professional.

3.1 Pre-Installation Checks

- Ensure the vehicle's ignition is off and the battery is disconnected.
- Verify all included components are present and undamaged.
- Familiarize yourself with the vehicle's speaker locations and wiring.

3.2 Woofer Installation

1. Carefully remove the existing door panel and factory speaker from the vehicle.
2. Connect the provided vehicle-dedicated wiring harness to the Focal ISVW155 woofer.
3. Mount the Focal ISVW155 woofer into the factory speaker location. The integrated chassis spacer ensures a perfect fit. Secure with appropriate mounting hardware.
4. Connect the other end of the wiring harness to the vehicle's factory speaker connector.



Figure 3: Rear view of the woofer, showing the magnet and wiring terminals.



Figure 4: Included wiring harnesses for direct vehicle integration.

3.3 Tweeter Installation

1. Locate the factory tweeter position, typically in the dashboard or A-pillar.
2. Remove the factory tweeter.
3. Install the Focal aluminum inverted dome tweeter using the provided tweeter mounting foams and anti-vibration foams for a secure and acoustically optimized fit.
4. Connect the tweeter to the appropriate wiring, ensuring correct polarity.



Figure 5: Focal tweeters with their wiring connections.

3.4 Optional: Speaker Baffle Installation

For enhanced sound quality and protection against moisture, consider installing speaker baffles. The following video demonstrates the benefits and installation of silicone rubber speaker baffles, which can be adapted for your Focal ISVW155 system.

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Video 1: Demonstration of NVX XBAF65 Silicone Rubber Speaker Baffle Kit for 6.5" Speakers. This video illustrates how speaker baffles can improve sound directionality and protect speakers from environmental elements within the car door.

3.5 Final Steps

1. Before reassembling the door panels, test the speaker system to ensure all speakers are functioning correctly and sound is clear.
2. Carefully reattach the door panels, ensuring no wires are pinched.
3. Reconnect the vehicle battery.

4. OPERATING INSTRUCTIONS

Once installed, your Focal Inside ISVW155 speakers will operate in conjunction with your vehicle's existing audio head unit or aftermarket amplifier.

- **Power On/Off:** The speakers will power on and off with your vehicle's audio system.
- **Volume Control:** Adjust the volume using your head unit's controls. Avoid excessively high volumes that cause distortion, as this can damage the speakers.
- **Audio Settings:** Utilize your head unit's equalizer and balance/fader controls to fine-tune the sound to your preference. Start with flat settings and make small adjustments.

5. MAINTENANCE AND CARE

To ensure the longevity and optimal performance of your Focal Inside ISVW155 speakers, follow these maintenance guidelines:

- **Cleaning:** Gently wipe the speaker grilles and surrounds with a soft, dry cloth. Avoid using harsh chemicals or abrasive

cleaners.

- **Avoid Moisture:** While the speakers are designed for automotive environments, excessive moisture exposure should be avoided. Ensure door panels are properly sealed after installation.
- **Temperature Extremes:** Protect the speakers from extreme temperatures, both hot and cold, as prolonged exposure can affect material integrity.
- **Sound Levels:** Do not operate the speakers at distorted volume levels. If you hear buzzing, crackling, or harsh sounds, reduce the volume immediately.

6. TROUBLESHOOTING

If you experience issues with your Focal Inside ISVW155 speaker system, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No sound from one or more speakers	Loose or disconnected wiring; Blown fuse; Faulty speaker.	Check all wiring connections; Inspect vehicle's audio fuse; Test speaker with another audio source or replace if faulty.
Distorted or unclear sound	Volume too high; Incorrect audio settings; Damaged speaker cone/surround; Poor wiring connection.	Reduce volume; Adjust equalizer settings; Inspect speakers for physical damage; Re-check wiring.
Intermittent sound	Loose wiring connection; Faulty head unit or amplifier.	Secure all wiring connections; Test with a different audio source or component.

7. SPECIFICATIONS

Key technical specifications for the Focal Inside ISVW155 Component Speaker System:

Feature	Detail
Model Name	ISVW155
Speaker Type	Component System
Speaker Size	6.1" (155 mm) Woofer
Woofer Material	Polyglass cone with Butyl surround
Tweeter Type	Aluminum Inverted Dome
Nominal Power (RMS)	50 Watts
Maximum Power	100 Watts
Impedance	2 Ohms
Sensitivity (2.83V/1m)	92 dB
Frequency Response	70Hz - 20kHz
Mounting Type	Flush Mount (with integrated chassis spacer)
Material	Aluminum, Polyglass
Item Weight	1.41 pounds
Waterproof	No


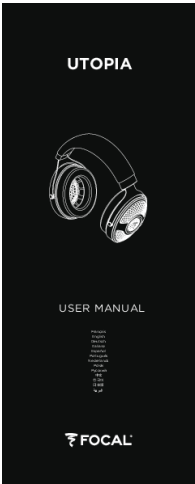

8. WARRANTY AND SUPPORT

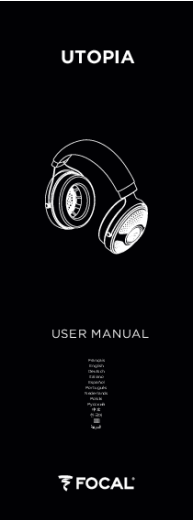
The Focal Inside ISVW155 Component Speaker System comes with a **Limited Warranty**. For specific details regarding warranty coverage, duration, and terms, please refer to the warranty card included with your product or visit the official Focal website. For technical support, troubleshooting assistance beyond this manual, or service inquiries, please contact Focal customer support.

Manufacturer: Focal

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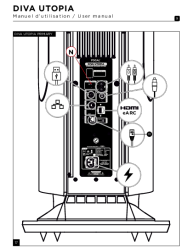
Related Documents - ISVW155

	<p>Focal Inside Vehicle and Motorbike Compatibility Guide</p> <p>Comprehensive guide detailing Focal Inside speaker and audio system compatibility for a wide range of car and motorbike models from various manufacturers. Includes product codes, vehicle fitment, years, and installation notes.</p>
	<p>Focal Utopia Headphones: User Manual and Product Information</p> <p>Comprehensive user manual and product details for the Focal Utopia high-fidelity, open-back headphones, including safety instructions, specifications, and care guidelines.</p>
	<p>Focal K2 Power Car Audio Speakers & Subwoofers: User Manual and Specifications</p> <p>Comprehensive guide for Focal K2 Power car audio components, including ES 100 KE, ES 165 KE, ES 165 KX2E, ES 165 KX3E, ES 165 K2S, and subwoofers. Features installation, technical specs, and safety information.</p>



[Manuel d'utilisation et guide de sécurité des écouteurs Focal Utopia](#)

Ce manuel d'utilisation et guide de sécurité complet présente les écouteurs Focal Utopia. Il détaille les instructions d'usage, les spécifications techniques, les consignes de sécurité importantes, notamment celles relatives au Béryllium utilisé dans les transducteurs, ainsi que les procédures d'entretien et d'élimination.



[Focal DIVA UTOPIA Wireless Speaker System User Manual](#)

Comprehensive user manual for the Focal DIVA UTOPIA wireless speaker system, covering installation, setup, features, connections, remote control, app integration, safety instructions, and maintenance.



[Focal Mu-so Hekla Quick Start Guide](#)

Get started quickly with your Focal Mu-so Hekla wireless music system. This guide provides essential setup, placement, connectivity, and safety information in an accessible HTML format.