

Focal R-570C

Focal R-570C 5x7 2-Way Auditor Series Coaxial Speakers User Manual

1. INTRODUCTION

Thank you for choosing Focal R-570C 5x7 2-Way Auditor Series Coaxial Speakers. These speakers are designed to deliver high-quality audio performance in your vehicle. This manual provides essential information for proper installation, operation, and maintenance to ensure optimal performance and longevity of your speakers.

2. SAFETY INFORMATION

- Always disconnect the vehicle's battery negative terminal before beginning any electrical installation to prevent short circuits.
- Ensure all wiring is properly insulated and secured to prevent damage from vibration or sharp edges.
- Do not install speakers in locations that obstruct vehicle operation or safety features.
- Consult a professional installer if you are unsure about any part of the installation process.
- Avoid prolonged exposure to high volume levels, which can cause hearing damage.

3. PACKAGE CONTENTS

Your package should contain the following items:

- Four (4) Focal R-570C 5x7 2-Way Coaxial Speakers
- Mounting hardware (screws, clips)
- Speaker grilles (if included with your specific model)
- Instruction Manual



Image: Four Focal R-570C speakers, illustrating the typical contents of a 2-set package.

4. SETUP AND INSTALLATION

4.1 Pre-Installation Checks

- Verify that the speaker size (5x7 inches) and mounting depth (2-3/8 inches) are compatible with your vehicle's speaker locations.
- Ensure you have all necessary tools: screwdrivers, wire strippers, crimpers, drill (if needed), and safety glasses.
- Plan your wiring path to avoid interference and ensure proper length.

4.2 Mounting the Speakers

1. Carefully remove the existing speakers or trim panels from the desired installation location.
2. Position the Focal R-570C speaker in the opening. The speaker is designed to fit 5x7 inch openings and can also be adapted for some 6x8 inch applications.
3. Align the mounting holes and secure the speaker using the provided screws. Do not overtighten.



Image: Front and angled views of the Focal R-570C speaker, showing its design for mounting.

4.3 Wiring Connections

The R-570C speakers have an impedance of 4 ohms. Ensure your amplifier or head unit is compatible with this impedance. Connect the speaker wires as follows:

- Connect the positive (+) terminal of the speaker to the positive (+) output of your amplifier/head unit.
- Connect the negative (-) terminal of the speaker to the negative (-) output of your amplifier/head unit.
- Maintain correct polarity for all speakers to ensure proper sound staging and bass response. Incorrect wiring can lead to poor audio quality.



Image: Rear view of Focal R-570C speakers, illustrating the wiring terminals for connection.

5. OPERATING INSTRUCTIONS

Once installed and wired correctly, your Focal R-570C speakers will operate as part of your vehicle's audio system. Follow these general guidelines:

- **Power On:** Turn on your vehicle's head unit or amplifier.
- **Volume Adjustment:** Start with the volume at a low level and gradually increase it to a comfortable listening level.
- **Audio Settings:** Adjust bass, treble, balance, and fader settings on your head unit or amplifier to optimize sound quality to your preference. Avoid excessive bass or treble boost, which can distort sound or damage speakers.
- **Break-in Period:** Allow a short break-in period (approximately 10-20 hours of normal listening) for the speaker components to loosen and achieve their optimal performance.

6. MAINTENANCE

The Focal R-570C speakers require minimal maintenance:

- **Cleaning:** Use a soft, dry cloth to gently wipe dust from the speaker grilles and cones. Do not use harsh chemicals or abrasive cleaners.
- **Inspection:** Periodically check speaker connections for tightness and ensure no wires are frayed or exposed.
- **Environmental Factors:** While designed for automotive use, these speakers are not waterproof. Avoid direct exposure to water or excessive moisture.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
No sound from speakers	Incorrect wiring, loose connections, amplifier/head unit off or faulty.	Check all wiring connections for correct polarity and tightness. Ensure amplifier/head unit is powered on and functioning.

Problem	Possible Cause	Solution
Distorted sound	Volume too high, incorrect audio settings, damaged speaker, insufficient amplifier power.	Reduce volume. Adjust bass/treble settings. Check speaker for visible damage. Ensure amplifier provides adequate power.
Weak or no bass	Incorrect wiring polarity, phase issues, bass settings too low.	Verify correct wiring polarity for all speakers. Adjust bass settings on head unit/amplifier.

8. SPECIFICATIONS


- **Speaker Type:** 2-Way Coaxial Car Speakers
- **Woofer Size:** 5x7 inches (Polypropylene cone with butyl rubber surround)
- **Tweeter:** Mylar dome
- **RMS Power Handling:** 2-60 watts per speaker
- **Peak Power Handling:** 120 watts per speaker
- **Frequency Response:** 60 Hz - 20,000 Hz
- **Sensitivity:** 91.6 dB
- **Impedance:** 4 ohms
- **Mounting Depth:** 2-3/8 inches
- **Basket:** Rigid steel
- **Recommended Use:** Car Audio
- **Connectivity:** Wired
- **Weight (per set):** Approximately 12 pounds

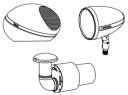




9. WARRANTY AND SUPPORT

Focal products are designed and manufactured to high standards. For specific warranty information, please refer to the warranty card included with your product or visit the official Focal website. For technical support or service inquiries, please contact Focal customer service or your authorized Focal dealer.

Focal Official Website: www.focal.com

Related Documents - R-570C

	<p>Focal PC 165 SF PS 165 SF User Manual and Specifications</p> <p>User manual and technical specifications for Focal PC 165 SF and PS 165 SF car speakers, featuring Slatefiber cones and high-efficiency design.</p>
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<div><div>LITTORA 200</div><div>OD STONE 8 • OD SAT 5 • OD SUB 12</div><div></div><div>FOCAL</div></div>	<div>Focal Littora 200 Outdoor Speakers: User Manual & Specifications</div> <div>Discover the Focal Littora 200 series of outdoor speakers (OD Stone 8, OD Sat 5, OD Sub 12). This user manual provides essential guidance on installation, connections, specifications, and safety for high-fidelity outdoor audio experiences, featuring IP55 durability.</div>
<div><div>T3Y</div><div>IW T3Y 200 • ICC T3Y 100 • IS T3Y 100 • IC T3Y 100</div><div></div><div>FOCAL</div></div>	<div>Focal T3Y Series Car Speakers: User Manual, Specifications, and Installation Guide</div> <div>Comprehensive user manual, technical specifications, and installation guide for the Focal T3Y series car speakers, including IW T3Y 200, ICC T3Y 100, IS T3Y 100, and IC T3Y 100. Features safety instructions, product details, and compatibility information.</div>
<div><div>FLAX EVO™</div><div>PS 165 FE • PS 165 FSE • PS 165 FDE • PS 165 FDE</div><div></div><div>FOCAL</div></div>	<div>Focal FLAX EVO™ Car Speaker Systems: User Manual & Specifications</div> <div>Explore the Focal FLAX EVO™ series car audio speakers with this comprehensive guide. It includes user manuals, installation instructions, safety guidelines, and detailed technical specifications for models like PS 165 FE, PS 165 FSE, and more. Learn about Focal's 'Listen Beyond' philosophy and product features.</div>
<div><div>KANTA™</div><div></div><div>FOCAL</div></div>	<div>Focal Kanta Series Loudspeakers User Manual</div> <div>User manual for Focal Kanta series loudspeakers, providing essential information on safety, connections, positioning, usage, maintenance, and warranty for optimal high-fidelity audio performance.</div>
<div><div>PLUG&PLAY</div><div>FOCAL MUSIC PREMIUM</div><div>IFR A165-4.1</div><div></div><div>FOCAL</div></div>	<div>Focal Music Premium IFR A165-4.1 Plug&Play Integration User and Installation Manual</div> <div>Comprehensive user and installation manual for the Focal Music Premium IFR A165-4.1 Plug&Play car audio speaker system. Includes product overview, safety warnings, installation recommendations, running-in period, warranty conditions, detailed component lists, installation diagrams, vehicle compatibility charts for Renault and Nissan models, and disposal instructions.</div>