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## HERTZ MP-165P3

# HERTZ MP-165P3 Millie Pro 6.5" Mid-Bass Component Woofers Instruction Manual

Model: MP-165P3

## INTRODUCTION

Thank you for choosing HERTZ MP-165P3 Millie Pro 6.5" Mid-Bass Component Woofers. These high-performance car audio woofers are engineered to deliver exceptional sound quality with outstanding dispersion features and a wide low-frequency response. This manual provides essential information for proper installation, operation, and maintenance to ensure optimal performance and longevity of your speakers.

## SETUP AND INSTALLATION

Proper installation is crucial for the performance and durability of your HERTZ MP-165P3 woofers. It is recommended that installation be performed by a qualified professional. Always disconnect the vehicle's battery before beginning any electrical work.

### 1. Unpacking and Inspection

Carefully remove the woofers from their packaging. Inspect all components for any signs of damage. Ensure all listed items are present.



Image: A pair of HERTZ MP-165P3 Millie Pro 6.5" Mid-Bass Component Woofers.



Image: A single HERTZ MP-165P3 woofer shown with included pry tools and a cozy, indicating a bundle.

## 2. Mounting Location

Select a suitable mounting location in your vehicle, typically door panels or rear deck, that can accommodate the 6.5-inch diameter and mounting depth. Ensure there is sufficient clearance behind the speaker for proper air movement and to avoid interference with vehicle components.

- **Mounting Depth:** Refer to specifications for exact depth.
- **Clearance:** Verify no obstructions behind the mounting surface.

## 3. Wiring Connections

Connect the speaker wires from your amplifier to the woofer terminals. Pay close attention to polarity (+ and -) to ensure correct phase and optimal sound reproduction. Incorrect wiring can lead to poor audio quality and potential damage.

- **Positive Terminal:** Connect to the positive output of the amplifier.
- **Negative Terminal:** Connect to the negative output of the amplifier.

- **Impedance:** These woofers have a 3-Ohm impedance. Ensure your amplifier is stable at this load.



Image: Side view of the HERTZ MP-165P3 woofer, highlighting the magnet structure and wiring terminals.

## OPERATING INSTRUCTIONS

Once installed, follow these guidelines for operating your HERTZ MP-165P3 woofers:

- **Initial Power-Up:** Start with the amplifier gain set to minimum. Gradually increase the volume and adjust amplifier settings to prevent distortion.
- **Crossover Settings:** Utilize your amplifier's or head unit's crossover settings to filter out frequencies outside the woofer's optimal range (40 Hz to 5 kHz). This protects the speakers and improves sound clarity.
- **Volume Control:** Avoid excessive volume levels that cause audible distortion, as this can damage the speakers.

## MAINTENANCE

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Regular maintenance helps preserve the performance and appearance of your woofers:

- **Cleaning:** Use a soft, dry cloth to clean the speaker cones and surrounds. Avoid harsh chemicals or abrasive materials.
- **Inspection:** Periodically check speaker connections for tightness and inspect the cone and surround for any signs of damage or wear.
- **Environmental Factors:** While designed for car environments, extreme temperatures and direct sunlight can affect speaker longevity.

## TROUBLESHOOTING

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If you encounter issues with your HERTZ MP-165P3 woofers, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No Sound	Loose wiring, amplifier off, incorrect source selection.	Check all wiring connections, ensure amplifier is powered on, verify audio source.
Distorted Sound	Amplifier gain too high, incorrect crossover settings, damaged speaker.	Reduce amplifier gain, adjust crossover frequencies, inspect speaker for physical damage.
Weak Bass	Incorrect wiring polarity, insufficient power, improper enclosure.	Verify wiring polarity, ensure adequate power from amplifier, check speaker enclosure for proper sealing.

## SPECIFICATIONS

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Detailed technical specifications for the HERTZ MP-165P3 Millie Pro 6.5" Mid-Bass Component Woofers:

- **Size:** 165 mm (6.5 inches)
- **Power Handling - Peak:** 180 W
- **Power Handling - Continuous:** 90 W
- **Impedance:** 3 Ohm
- **Frequency Response:** 40 Hz – 5 kHz
- **Sensitivity:** 93 dB SPL
- **Voice Coil Diameter:** 25 mm (1 inch)
- **Magnet Material:** Ferrite
- **Cone Material:** Pressed-Pulp Cone with Cotton Fibers
- **Surround:** "Boundary Free" Rubber Surround
- **Basket:** Low mounting depth, acoustically transparent aluminium alloy
- **Item Weight:** 5.3 Pounds
- **Product Dimensions:** 19"D x 9"W x 15"H (Note: These dimensions seem to be for the package, not individual speakers. Refer to mounting depth for actual speaker fitment.)



Image: Front view of the HERTZ MP-165P3 woofer, showcasing the cone and surround.



Image: Top-down view of the HERTZ MP-165P3 woofer, showing the full cone surface.

## WARRANTY INFORMATION

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This product comes with a Limited Warranty. For specific terms and conditions, please refer to the warranty card included with your product or contact HERTZ customer support.

## CUSTOMER SUPPORT

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For further assistance, technical support, or service inquiries, please visit the official HERTZ website or contact their customer service department. You can find more information on the [HERTZ Store on Amazon](#).

## PRODUCT VIDEOS

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### HERTZ Dieci Series DCX-1653 Product Overview

Your browser does not support the video tag.

Video: This video provides a general overview of the HERTZ Dieci Series DCX-1653 speakers, highlighting features like the water-repellent cone, neodymium tweeter, and ferrite woofer magnet. It demonstrates the speaker's construction and mentions its 120W max output and optimized frequency response.

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## Related Documents - MP-165P3

	<p><a href="#"><u>Hertz Mille Pro Series: Owner's Manual and Technical Specifications</u></a> Comprehensive owner's manual and technical specifications for the Hertz Mille Pro series car audio speaker systems, including installation guides, safety information, and product details.</p>
	<p><a href="#"><u>Hertz Mille Pro Series Car Audio Speaker Owner's Manual and Installation Guide</u></a> Comprehensive owner's manual and installation guide for the Hertz Mille Pro series car audio speakers, covering safety instructions, technical specifications, wiring diagrams, installation options, and warranty information.</p>
	<p><a href="#"><u>Hertz Mille PRO Owner's Manual - Car Audio Speaker Installation and Specifications</u></a> Comprehensive owner's manual for Hertz Mille PRO car audio speakers. Includes installation guidelines, safety instructions, technical specifications, wiring diagrams, and warranty information.</p>
	<p><a href="#"><u>Hertz Mille PRO Series Car Audio Speakers Owner's Manual</u></a> Owner's manual for Hertz Mille PRO series car audio speakers, detailing installation, safety guidelines, technical specifications, wiring diagrams, and warranty information. Includes models like MPX 165.3, MP 25.3, and more.</p>
	<p><a href="#"><u>Hertz Mille PRO Subwoofer Owner's Manual</u></a> Comprehensive owner's manual for the Hertz Mille PRO series subwoofers, detailing installation, usage, enclosure design, technical specifications, and safety guidelines for car audio systems.</p>



### [Hertz Mille PRO Owner's Manual - Car Audio Installation and Specifications](#)

Official owner's manual for the Hertz Mille PRO series car audio speakers. Provides detailed installation instructions, safety guidelines, technical specifications, wiring diagrams, and warranty information for various models.