

## HERTZ K-165

# HERTZ UNO Series K-165 6.5" Two-Way Component Speaker System User Manual

Comprehensive guide for installation, operation, and maintenance.

## 1. PRODUCT OVERVIEW

The HERTZ UNO Series K-165 is a 6.5-inch two-way component speaker system designed to deliver high-quality audio performance in automotive environments. This system includes woofers, tweeters, and passive crossovers, providing a balanced sound experience.



Figure 1: HERTZ UNO Series K-165 6.5" Two-Way Component Speaker System components.

## 2. FEATURES AND SPECIFICATIONS

### Key Features:

- **Component:** 2-Way System for distinct high and low-frequency reproduction.
- **Woofer Magnet:** Ferrite for robust bass response.
- **Tweeter Magnet:** Neodymium for clear and detailed high frequencies.
- **Woofer Cone:** Water-Repellent Pressed Paper for durability and consistent performance.
- **Tweeter Dome:** PEI (Polyetherimide) for smooth and extended high-frequency response.

### Technical Specifications:

Specification	Value
Model Name	K-165
Speaker Type	Component
Woofer Diameter	6.5 Inches

Tweeter Diameter	24 Millimeters
Impedance	4 Ohms
Speaker Maximum Output Power	150 Watts (Peak)
Frequency Response (Upper Limit)	23000 Hz
Connectivity Technology	Speaker Wires
Audio Output Mode	Stereo
Material	Plastic
Item Weight	1.6 Pounds
Water Resistance Level	Water Resistant (Note: Not fully waterproof)

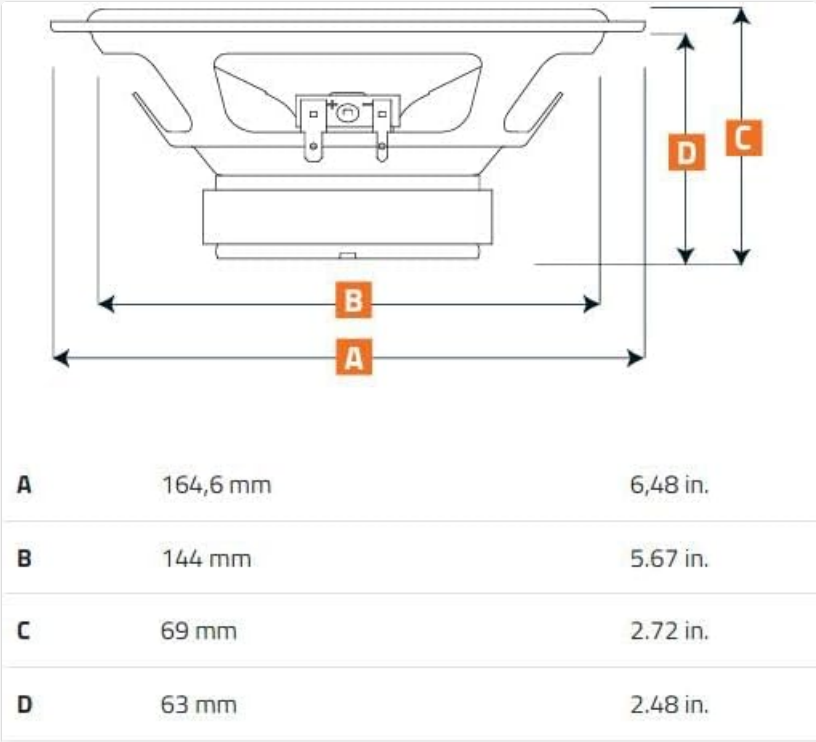


Figure 2: Detailed dimensions for the HERTZ K-165 woofer. A: 164.6 mm (6.48 in.), B: 144 mm (5.67 in.), C: 69 mm (2.72 in.), D: 63 mm (2.48 in.).

### 3. INSTALLATION

Proper installation is crucial for optimal performance and longevity of your HERTZ UNO Series K-165 speakers. It is highly recommended that installation be performed by a qualified professional to ensure correct wiring, mounting, and system integration.

**Components Included:**

- Two 6.5-inch Woofers
- Two 24mm Tweeters
- Two Passive Crossovers
- Mounting Hardware (as supplied)



Figure 3: Front view of the HERTZ K-165 woofer, showcasing the water-repellent pressed paper cone.





Figure 4: Side view of the HERTZ K-165 woofer, illustrating its mounting profile.





Figure 5: Rear view of the HERTZ K-165 woofer, showing the ferrite magnet and connection terminals. The label indicates "UNO V 165, 300W peak, 4Ω HERTZ".



Figure 6: HERTZ K-165 tweeters with neodymium magnets and passive crossovers for frequency separation.

### General Installation Guidelines:

1. **Disconnect Power:** Before beginning any installation, disconnect the vehicle's battery to prevent electrical shorts or damage.

2. **Mounting Location:** Select appropriate mounting locations for the woofers and tweeters. Woofers are typically installed in door panels or factory speaker locations. Tweeters can be flush-mounted or surface-mounted in locations that provide optimal sound imaging, such as A-pillars or dashboard corners.
3. **Wiring:** Connect the speakers to the passive crossovers, and then connect the crossovers to your amplifier or head unit using appropriate gauge speaker wire. Ensure correct polarity (+/-) for all connections.
4. **Secure Mounting:** Use the provided mounting hardware to securely fasten the speakers. Ensure there are no vibrations or loose connections.
5. **Testing:** Reconnect the battery and test the system at a low volume. Gradually increase the volume to check for proper operation and sound quality.

**Caution: Incorrect wiring or improper power handling can damage the speakers and/or your vehicle's audio system. Consult a professional if you are unsure about any step.**

## 4. OPERATING INSTRUCTIONS

Once installed, your HERTZ UNO Series K-165 speakers are ready for use. The operation primarily involves controlling your vehicle's head unit or amplifier.

- **Volume Control:** Adjust the volume to a comfortable listening level. Avoid excessively high volumes for prolonged periods to prevent speaker damage.
- **Audio Settings:** Utilize your head unit's equalizer and sound settings to fine-tune the audio to your preference. The 2-way component design allows for excellent sound staging and clarity.
- **Break-in Period:** Allow a short break-in period (typically 10-20 hours of normal listening) for the speaker components to fully settle and achieve their optimal sound characteristics.

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Video 1: Product Overview of a HERTZ speaker system, demonstrating key features and components. This video provides a general visual guide to HERTZ speaker characteristics.

## 5. MAINTENANCE

To ensure the longevity and continued performance of your HERTZ K-165 speakers, follow these simple maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to gently wipe the speaker cones and grilles. Avoid using harsh chemicals or abrasive materials.
- **Environmental Protection:** While the woofers feature water-repellent cones, avoid direct exposure to excessive moisture or extreme temperatures.
- **Regular Inspection:** Periodically check all connections and mounting points to ensure they remain secure.

## 6. TROUBLESHOOTING

If you experience issues with your HERTZ K-165 speaker system, consider the following common troubleshooting steps:

- **No Sound:**
  - Check all wiring connections from the head unit to the amplifier (if applicable), crossovers, and speakers. Ensure they are secure and correctly polarized.
  - Verify the amplifier is powered on and not in protection mode.

- Check the head unit's settings and ensure the audio output is enabled.

- **Distorted Sound:**

- Reduce the volume. Distortion often occurs when the amplifier or speakers are overdriven.
- Check for loose speaker cones or damaged surrounds.
- Ensure the amplifier gain settings are properly matched to the head unit's output.

- **Weak or Uneven Sound:**

- Check speaker balance and fader settings on your head unit.
- Inspect individual speaker wires for damage or poor connections.
- Ensure all speakers are functioning correctly.

If problems persist after attempting these steps, contact a professional car audio technician or HERTZ customer support for further assistance.

## 7. WARRANTY AND SUPPORT

### Warranty Information:


The HERTZ UNO Series K-165 speakers come with a Limited Warranty. Please refer to the warranty card included with your product for specific terms, conditions, and duration. Keep your proof of purchase for warranty claims.

### Customer Support:

For technical assistance, product inquiries, or warranty service, please visit the official HERTZ website or contact their customer support. You can also find more information and products from HERTZ at their Amazon store: [HERTZ Store on Amazon](#).

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### Related Documents - K-165

	<p><a href="#">Hertz UNO Series Coaxial Speaker System Owner's Manual</a></p> <p>Owner's manual and technical specifications for the Hertz UNO Series Coaxial speaker systems, providing installation instructions, safety guidelines, and detailed product information. Includes specifications for models X 130, X 165, X 170, X 690, K 130, K 165, and K 170.</p>
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	<p><a href="#">Hertz UNO Series Coaxial Car Speaker System Owner's Manual and Specifications</a></p> <p>Comprehensive owner's manual and technical specifications for Hertz UNO Series coaxial car speakers, including installation guidelines, package contents, connection diagrams, and detailed product data for models like K 130, K 165, K 170, X 130, X 165, X 170, and X 690.</p>
	<p><a href="#">Hertz UNO Series Car Speakers Owner's Manual</a></p> <p>This owner's manual provides installation and usage instructions for Hertz UNO series car speakers, including models X 130, X 165, X 170, X 690, K 130, K 165, and K 170. It details technical specifications and safety guidelines.</p>
	<p><a href="#">Hertz UNO System - Coax Owner's Manual</a></p> <p>Owner's manual for the Hertz UNO System - Coax car audio speakers, providing installation and usage instructions, technical specifications, and package contents. Includes safety guidelines and product details.</p>
	<p><a href="#">Hertz UNO K 170 System - Coax Owner's Manual and Technical Specifications</a></p> <p>Comprehensive owner's manual and technical specifications for the Hertz UNO K 170 two-way car audio system. Includes installation instructions, safety guidelines, component details, and performance data.</p>
	<p><a href="#">Hertz Mille LEGEND Owner's Manual: Car Audio Installation &amp; Specifications</a></p> <p>Comprehensive owner's manual for Hertz Mille LEGEND car audio components, detailing installation, usage, technical specifications, and enclosure design for subwoofers and speakers.</p>