Hertz Hertz 6.5 inch

Hertz 6.5-inch Coaxial Marine Speakers User Manual

Model: Hertz 6.5 inch

1. INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your Hertz 6.5-inch Coaxial Marine Speakers. Please read this manual thoroughly before using the product to ensure optimal performance and longevity. These speakers are designed for marine environments, featuring UV resistance and robust construction.

2. SAFETY INFORMATION

- Always disconnect the vehicle's battery before beginning any electrical installation to prevent short circuits.

- Ensure all wiring is properly insulated and secured to prevent damage from vibration or moisture.

- Do not expose speakers to extreme temperatures or direct sunlight for prolonged periods beyond their rated specifications.

- Avoid operating speakers at excessively high volumes for extended durations, as this can cause hearing damage and speaker damage.

- Consult a professional installer if you are unsure about any part of the installation process.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- 4 x Hertz 6.5-inch Coaxial Marine Speakers

- Mounting Hardware (screws, clips)

- Speaker Wire (if included)

- User Manual (this document)

Image 3.1: Four Hertz 6.5-inch coaxial marine speakers, as typically included in a 2-pair package.

4. SETUP AND INSTALLATION

4.1. Mounting

These speakers are designed for door mount installation. Ensure the mounting surface is flat and rigid enough to support the speaker's weight and withstand vibrations.

1. **Choose Location:** Select a suitable mounting location that allows for proper speaker depth and clearance.

2. **Cut Opening:** Using a template (often provided with the speakers or available from the manufacturer), carefully cut the mounting hole. Ensure the hole size matches the speaker's dimensions (approximately 6.5 inches in diameter).

3. **Drill Pilot Holes:** Drill pilot holes for the mounting screws around the perimeter of the opening.

4. **Secure Speaker:** Place the speaker into the opening and secure it with the provided screws. Do not overtighten to avoid damaging the speaker frame.

Image 4.1: A single Hertz 6.5-inch coaxial marine speaker, showing its front profile and mounting points.

4.2. Wiring

The Hertz 6.5-inch coaxial speakers operate at 4 Ohms impedance and are rated for 100 Watts maximum output. Proper wiring is crucial for optimal sound quality and to prevent damage to the speakers or your audio amplifier.

1. **Identify Terminals:** Locate the positive (+) and negative (-) terminals on the back of each speaker. These are typically marked.

2. **Connect Speaker Wires:** Connect the positive wire from your amplifier to the speaker's positive terminal and the negative wire from your amplifier to the speaker's negative terminal. Ensure correct polarity for all speakers.

3. **Secure Connections:** Use appropriate connectors (e.g., spade terminals, crimp connectors) to ensure secure and corrosion-resistant connections, especially in a marine environment.

4. **Test System:** Before fully reassembling, perform a low-volume test to ensure all speakers are functioning correctly and the sound is balanced.

Image 4.2: Two Hertz 6.5-inch coaxial marine speakers, illustrating the pair configuration.

5. OPERATING INSTRUCTIONS

Once installed and wired, your Hertz marine speakers are ready for operation. The sound quality and volume control will be managed by your connected audio source (e.g., marine stereo head unit, amplifier).

- **Power On:** Turn on your marine audio system.

- **Adjust Volume:** Start with the volume at a low level and gradually increase it to your desired listening level.

- **Audio Settings:** Use your audio source's equalizer and balance/fader controls to fine-tune the sound to your preference.
- **Avoid Distortion:** If you hear any distortion, reduce the volume immediately to prevent speaker damage.

6. MAINTENANCE

Regular maintenance will help preserve the performance and appearance of your marine speakers.

- **Cleaning:** Gently wipe the speaker grilles and cones with a soft, damp cloth to remove salt spray, dust, and dirt. Avoid using harsh chemicals or abrasive cleaners.
- **UV Resistance:** These speakers feature UV-resistant materials, which helps protect them from sun damage. However, prolonged exposure to direct sunlight can still affect their lifespan.
- **Thermal Stability:** The speakers are designed with outstanding thermal stability, allowing them to perform reliably under varying temperature conditions.
- **Inspection:** Periodically inspect wiring connections for corrosion or looseness, especially in a marine environment.

7. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
No sound from speakers	Loose or incorrect wiring; Amplifier off or faulty; Audio source issue	Check all wiring connections for proper polarity and tightness. Ensure amplifier is powered on and functioning. Verify audio source is playing.
Distorted sound	Volume too high; Incorrect amplifier gain settings; Damaged speaker	Reduce volume. Adjust amplifier gain settings. Inspect speaker cone for physical damage.
Intermittent sound	Loose wiring connection; Corrosion on terminals	Inspect and secure all wiring connections. Clean any corrosion from terminals.
One speaker not working	Faulty speaker wire; Damaged speaker; Amplifier channel issue	Swap speaker wires with a working speaker to isolate the problem. If the issue moves, replace the wire. If the speaker is still silent, it may be damaged. Check amplifier channel output.

8. SPECIFICATIONS

Detailed technical specifications for the Hertz 6.5-inch Coaxial Marine Speakers:

- **Speaker Type:** Coaxial, 2-Way
- **Speaker Size:** 6.5 inches
- **Tweeter Size:** 24 mm
- **Maximum Output Power:** 100 Watts
- **Impedance:** 4 Ohm

- **Protection Grade:** IP65 (Dust tight and protected against water jets)
- **Special Features:** UV Resistant, Outstanding Thermal Stability
- **Mounting Type:** Door Mount
- **Product Dimensions:** 3.25"D x 6.77"W x 3.25"H
- **Included Components:** Speakers
- **Manufacturer:** Hertz
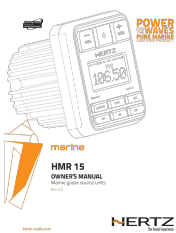- **Model Name:** Hertz 6.5 inch Speakers
- **UPC:** 753359665597
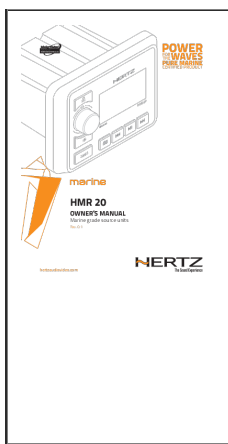
9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation provided at the time of purchase or contact your authorized Hertz dealer. Keep your proof of purchase for warranty claims.

Related Documents - Hertz 6.5 inch

[Hertz HTX 8H S-FL Marine Wakeboard Tower Speakers Owner's Manual](#)
Owner's manual for Hertz HTX 8H S-FL marine wakeboard tower speakers, providing detailed instructions for installation, wiring, and technical specifications. Includes information on safety, packaging, and product features.

[Hertz Mille PRO MPX 690.3 Car Audio Speaker Owner's Manual and Technical Specifications](#)
Comprehensive owner's manual and technical specifications for the Hertz Mille PRO MPX 690.3 coaxial car audio speakers, including installation guidelines, wiring diagrams, and product details.

[Hertz HMR 15 Marine Digital Media Receiver Owner's Manual](#)
Owner's manual for the Hertz HMR 15 marine digital media receiver, detailing its features, installation, operation, controls, troubleshooting, and technical specifications for marine environments.

	[Hertz HMR 20 Marine Audio Receiver Owner's Manual](#) Comprehensive owner's manual for the Hertz HMR 20 marine grade source unit, detailing installation, operation, controls, troubleshooting, and technical specifications for boat audio systems.
	[Hertz UNO System - Coax Owner's Manual](#) 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.
	[Hertz HMR 20 Marine Source Unit Owner's Manual](#) This manual provides comprehensive instructions for the Hertz HMR 20 Marine Grade Source Unit, covering installation, operation, controls, and troubleshooting. Learn how to connect, operate, and maintain your marine audio system for optimal performance.