

HERTZ HMX-7.7-S-LD-G

HERTZ HMX 7.7 S-LD-G Marine Coaxial Speakers User Manual

Detailed instructions for installation, operation, and maintenance of your HERTZ HMX 7.7 S-LD-G 7.7" Hi-End LED Marine Coaxial Speakers.

1. PRODUCT OVERVIEW

The HERTZ HMX 7.7 S-LD-G is a premium 7.7-inch LED marine coaxial speaker designed for high-quality audio performance and exceptional durability in demanding marine environments. These speakers are part of Hertz's Pure Marine Certified range, ensuring they meet stringent protection standards against water, UV, and salt fog exposure.



Figure 1: HERTZ HMX 7.7 S-LD-G Marine Coaxial Speaker with integrated LED lighting.

Key features include:

- **Marine-Grade Build:** IP65-rated and certified to ASTM-D4329 UV and ASTM-B117 salt fog standards for lasting performance in harsh marine environments.
- **Dynamic, Clear Sound:** 7.7" polypropylene woofer with Santoprene surround and 1.4" neodymium tweeter delivers rich lows and crisp highs.
- **Optimized for Open Water:** Acoustic lens and sport grille design provide excellent off-axis dispersion and efficient high-frequency transfer.
- **Durable Components:** Aramid fiber spider, silicone-insulated leads, sealed crossover, and gold-plated corrosion-resistant terminals.
- **Visual Impact:** Built-in LED lighting and paintable sport grille for a custom look on sport and leisure boats.

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Video 1: Overview of the Hertz 7.7" LED Marine Speakers, detailing their features and design for marine use.

2. WHAT'S IN THE BOX

Upon unpacking, ensure all components are present and undamaged. The package for the HERTZ HMX 7.7 S-LD-G speakers typically includes:

- One pair of 7.7" Marine RGB LED Speakers

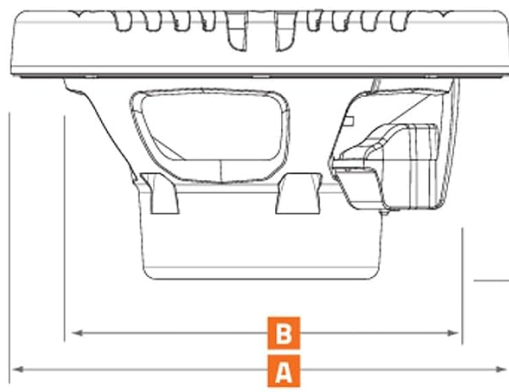


Figure 2: Front view of the HERTZ HMX 7.7 S-LD-G speaker, showcasing the sport grille design.

3. SPECIFICATIONS

Feature	Specification
Brand	HERTZ
Model Name	HMX-7.7-S-LD-G

Feature	Specification
Speaker Type	Coaxial
Speaker Size	7.7 Inches
Speaker Maximum Output Power	200 Watts Peak / 100 Watts RMS
Frequency Response	45Hz–25kHz
Sensitivity	91 dB SPL
Impedance	4Ω
Mounting Type	Flush Mount
Mounting Depth	4.4" (113 mm)
Item Dimensions (D x W x H)	17.87"D x 5.79"W x 8.98"H
Item Weight (per speaker)	3.66 lbs (1.66 kg)
Environmental Rating	IP65-rated, UV and salt fog certified (ASTM-D4329, ASTM-B117)
Built-In Media	RGB LED Lighting
Compatible Vehicle Type	Motorcycle, Select Boats, Side-By-Sides, UTV



A	196 mm	7.7 in.
B	158 mm	6.2 in.
C	113 mm	4.4 in.
D	79 mm	3.1 in.
F	34 mm	1.3 in.

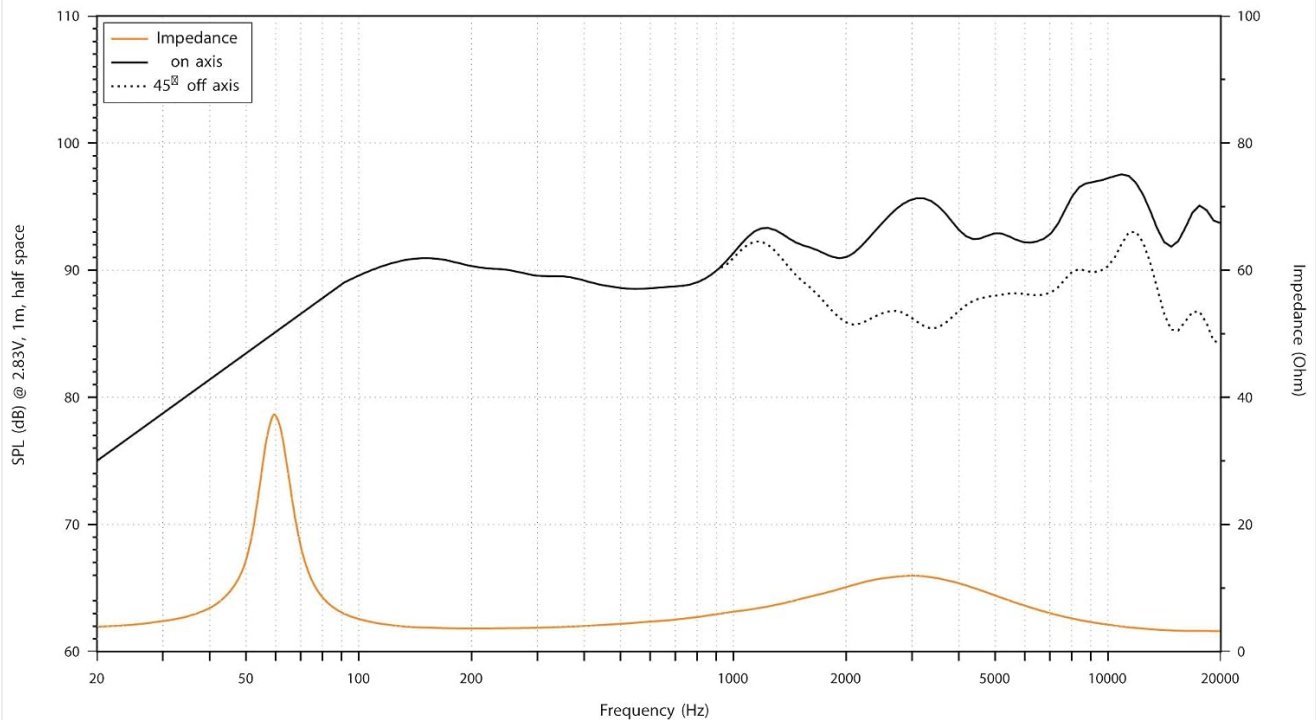


Figure 3: Detailed dimensions for the HERTZ HMX 7.7 S-LD-G speaker, including mounting depth.

4. SETUP AND INSTALLATION

Proper installation is crucial for optimal performance and longevity of your HERTZ marine speakers. It is recommended to have these speakers installed by a qualified marine audio technician.

4.1 Mounting Considerations

Ensure the mounting location provides sufficient clearance for the speaker's depth (4.4 inches / 113 mm) and allows for proper wiring. The speakers are designed for flush mounting. Use the provided template for accurate cutout dimensions.

4.2 Wiring

The speaker wiring features silicone insulation for resistance against moisture and to maintain flexibility over time. Connect the speaker wires to your marine amplifier, ensuring correct polarity. The integrated RGB LED lighting requires a separate connection to an RGB controller (not included) for color customization.



Figure 4: Exploded view showing the internal components and grille of the HERTZ HMX 7.7 S-LD-G speaker.

5. OPERATION

Once installed, operate your HERTZ HMX 7.7 S-LD-G speakers through your marine audio system. These speakers are designed to deliver clear and powerful sound across open water, minimizing distortion even at high volumes.

5.1 Audio Playback

Adjust your amplifier settings according to the speaker's specifications (100W RMS, 200W Peak, 4Ω impedance) to prevent damage and achieve optimal sound quality. The 7.7-inch cone area provides enhanced mid-bass punch, and the 1.4-inch dome tweeter ensures wide and even sound dispersion.

5.2 LED Lighting Control

The integrated RGB LED lighting can be controlled via an external RGB controller (sold separately). Refer to your RGB controller's manual for specific instructions on changing colors, patterns, and brightness to match your vessel's

aesthetic.

6. MAINTENANCE

To ensure the longevity and continued performance of your HERTZ HMX 7.7 S-LD-G marine speakers, follow these maintenance guidelines:

- **Regular Cleaning:** Periodically clean the speaker grilles and surrounds with a soft cloth and mild, non-abrasive cleaner. Avoid harsh chemicals that could damage the ASA plastic grille or Santoprene surround.
- **Inspect for Damage:** Regularly check the speaker cones, surrounds, and grilles for any signs of wear, tear, or corrosion. Address any issues promptly to prevent further damage.
- **Wiring Inspection:** Ensure all wiring connections remain secure and free from corrosion. The gold-plated terminals are designed to resist corrosion, but periodic inspection is still recommended.
- **UV and Salt Fog Protection:** While the speakers are certified for UV and salt fog resistance, prolonged exposure to extreme conditions can still impact their lifespan. Consider using protective covers when the boat is not in use for extended periods.

7. TROUBLESHOOTING

If you encounter issues with your HERTZ HMX 7.7 S-LD-G speakers, refer to the following common troubleshooting steps:

- **No Sound:** Check all wiring connections from the amplifier to the speakers. Ensure the amplifier is powered on and functioning correctly. Verify the audio source is active and properly connected.
- **Distorted Sound:** Reduce the volume level on your audio source and amplifier. Check for any loose wiring or damaged speaker components. Ensure the amplifier's gain settings are not excessively high.
- **Intermittent Sound:** Inspect all connections for looseness or corrosion. Check for any kinks or damage in the speaker wires.
- **LEDs Not Working:** Verify the RGB controller is powered on and correctly connected to the speaker's LED wiring. Check the controller's settings and ensure no fuses are blown.

If these steps do not resolve the issue, contact HERTZ customer support or a certified service center.

8. WARRANTY AND SUPPORT

8.1 Warranty Information

The HERTZ HMX 7.7 S-LD-G Marine Coaxial Speakers come with a **1-Year Manufacturer Warranty**. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.

The warranty does not cover damage resulting from improper installation, accident, misuse, abuse, negligence, unauthorized modification, or normal wear and tear.

8.2 Customer Support

For technical assistance, warranty claims, or further information, please visit the official HERTZ website or contact your authorized HERTZ dealer. You can also refer to the [HERTZ Store on Amazon](#) for additional resources.