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Pyle PLMR63

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Model: PLMR63

1. INTRODUCTION

Thank you for purchasing the Pyle PLMR63 6.5-inch 2-Way 200 Watt Marine Speakers. These speakers are designed for marine or car use, featuring a water-resistant construction and shielded components for reliable performance in various environments. This manual provides essential information for proper installation, operation, and maintenance of your speakers.

2. SAFETY INFORMATION

- Always disconnect the power source before installation or maintenance to prevent electrical shock.
- Ensure proper wiring polarity to avoid damage to the speakers or audio system.
- Do not expose speakers to extreme temperatures or direct sunlight for prolonged periods.
- Avoid over-driving the speakers with excessive power, which can lead to distortion and damage.
- Consult a professional installer if you are unsure about any part of the installation process.

3. PRODUCT OVERVIEW

The Pyle PLMR63 speakers are a pair of 6.5-inch, 2-way marine-grade speakers designed for high-quality audio output in challenging environments. They feature a poly mica woofer cone with butyl rubber surround and a polymer dome tweeter.



Image: A pair of Pyle PLMR63 6.5-inch marine speakers. Each speaker is white with a circular grille covering the woofer and tweeter. The Pyle logo is prominently displayed on the grille.

Key Features:

- 6.5-inch Shielded Two-Way Speakers
- Water Resistant Construction Design
- Poly Mica Woofer Cone with Butyl Rubber Surround
- 30oz Shielded Magnet Structure
- 1.0-inch Polymer Dome Tweeter
- Built-in Molded Grill
- Gold Plated Plug Terminals
- Built-In Spring Loaded Rear Mounting Hook
- Molded White ABS Plastic Basket

4. SETUP AND INSTALLATION

Proper installation is crucial for optimal performance and longevity of your speakers. Follow these steps carefully:

1. **Choose Mounting Location:** Select a flat, stable surface that can support the weight of the speakers and is free from obstructions. Ensure adequate clearance behind the mounting surface for wiring and the speaker's depth.
2. **Mark and Cut Opening:** Use the provided template (if available) or the speaker's dimensions to mark the cutting area. Carefully cut the opening using appropriate tools.
3. **Wiring:** Connect the speaker wires to the gold-plated plug terminals. Ensure correct polarity: positive (+) to positive and negative (-) to negative. Incorrect polarity can result in poor sound quality. The speakers come complete with wires.

4. **Mounting:** Insert the speakers into the cut openings. Secure them using the built-in spring-loaded rear mounting hooks or screws, ensuring a snug fit.
5. **Test:** Once installed, connect the speakers to your audio system and test their functionality at a low volume before increasing.

5. OPERATING INSTRUCTIONS

The Pyle PLMR63 speakers are passive speakers and require an external amplifier or head unit for operation. Once properly installed and connected to an audio source:

- **Power On:** Turn on your audio system's head unit or amplifier.
- **Volume Control:** Start with the volume at a low level and gradually increase it to your desired listening level. Avoid setting the volume too high, which can cause distortion and potential speaker damage.
- **Audio Source:** Select your preferred audio source (e.g., radio, auxiliary input, Bluetooth).
- **Sound Adjustment:** Use the equalizer or tone controls on your audio system to adjust bass, treble, and balance for optimal sound quality.

6. MAINTENANCE

To ensure the longevity and performance of your Pyle PLMR63 speakers, follow these maintenance guidelines:

- **Cleaning:** Regularly wipe the speaker grilles and surfaces with a soft, damp cloth. Avoid using harsh chemicals or abrasive cleaners.
- **Water Exposure:** While water-resistant, avoid submerging the speakers. If exposed to saltwater, rinse with fresh water and allow to dry thoroughly.
- **Connection Check:** Periodically inspect wiring connections to ensure they are secure and free from corrosion.
- **Storage:** If storing the speakers for an extended period, ensure they are clean and dry, and store them in a cool, dry place.

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/head unit off or faulty; Audio source issue	Check all wiring connections for proper polarity and secure fit. Ensure amplifier/head unit is powered on and functioning. Verify audio source is playing.
Distorted sound	Volume too high; Amplifier clipping; Damaged speaker cone	Reduce volume. Check amplifier gain settings. Inspect speaker cone for visible damage.
Intermittent sound	Loose connection; Corroded terminals	Secure all connections. Clean any corroded terminals.
One speaker not working	Faulty wiring to that speaker; Speaker damage	Check wiring to the non-working speaker. Swap speakers to determine if the issue is with the speaker or the wiring/source.

8. SPECIFICATIONS

Feature	Specification
Speaker Type	2-Way Shielded Marine Speakers
Speaker Size	6.5 inches
Rated Peak Power	200 Watts
Frequency Response	70Hz - 20kHz
Impedance	4 Ohms
Woofer Cone Material	Poly Mica with Butyl Rubber Surround
Tweeter Size	1.0 inch Polymer Dome
Magnet Structure	30oz Shielded
Construction Material	Molded White ABS Plastic Basket
Water Resistance Level	Waterproof
Dimensions (W x H x L)	7.35" x 7.35" x 5.35"

9. WARRANTY AND SUPPORT

Pyle provides a 1-Year Warranty for the PLMR63 speakers from the date of purchase. This warranty covers manufacturing defects in materials and workmanship under normal use. It does not cover damage caused by improper installation, accident, misuse, abuse, negligence, or unauthorized modification.

For warranty service or technical support, please contact Pyle customer service. You may need to provide proof of purchase and the product's model number.

For the most up-to-date support information, please visit the official Pyle website or refer to the contact details provided with your product packaging.

