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> Pyle PLMRB85 8-Inch Dual Marine Speakers Instruction Manual

Pyle PLMRB85

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Instruction Manual

Model: PLMRB85 | Brand: Pyle

INTRODUCTION

The Pyle PLMRB85 8-inch dual marine speakers are designed for high-quality outdoor audio in marine and other demanding environments. These speakers feature a water-resistant construction, making them suitable for use on boats, ATVs, UTVs, and other vehicles where exposure to elements is common. This manual provides essential information for the proper installation, operation, and maintenance of your speakers to ensure optimal performance and longevity.

PACKAGE CONTENTS

- (2) Pyle PLMRB85 8-Inch Marine Speakers
- Mounting Brackets and Hardware
- Instruction Manual (this document)

KEY FEATURES

- IP44 Marine Grade:** Water-resistant design capable of withstanding heavy water splashes, suitable for outdoor and marine use.
- 2-Way Audio System:** Features an 8-inch poly mica woofer cone for robust low-end sound and a 1-inch polymer dome tweeter for clear high frequencies.
- Durable Construction:** Built with a butyl rubber surround and heavy-duty molded ABS plastic basket and grill, designed to resist corrosion, stains, and sun damage.
- Power Handling:** Rated for 150 Watts RMS power output and 300 Watts peak power, ensuring full-range audio reproduction.
- Easy Installation:** Includes mounting clamps designed for universal use, fitting bars up to 2.0 inches in diameter. Supports tubing, frame, and roll-cage mounting.
- Optimized Sound:** Features a 30 oz. magnet structure, 1.5-inch voice coil, and built-in crossover network for enhanced sound quality.

WEATHER PROOF

**THESE SPEAKERS
CAN HANDLE IT ALL!**



Waterproof



Durable



UV Resistant



Image: The Pyle PLMRB85 speakers are designed to be waterproof, durable, and UV resistant for harsh outdoor conditions.

POWERFUL CLEAR & IMMERSIVE AUDIO



1" Dome Tweeter

1.5" Voice Coil

30 oz. Magnet

Image: Internal components of the Pyle PLMRB85 speaker, highlighting the tweeter, voice coil, and magnet for clear and immersive audio.

SETUP

Mounting

1. **Choose Location:** Select a suitable mounting location on your boat, ATV, UTV, or other vehicle. Ensure the surface or bar is sturdy enough to support the speakers and allows for optimal sound projection.
2. **Bar Compatibility:** The included mounting clamps are designed to fit bars up to 2.0 inches in diameter. Verify your chosen bar's diameter before installation.
3. **Secure Mounting:** Use the provided mounting brackets and hardware to securely attach the speakers. Ensure all screws are tightened to prevent movement during operation.
4. **Adjust Orientation:** The speaker's logo on the front grille can be rotated by removing the four screws, adjusting the grille to your desired orientation (90 or 180 degrees), and re-securing the screws.

EASY INSTALLATION ON BARS AND RAILS



FITS BARS UP TO 2.0" DIAMETER

Image: Step-by-step illustration of how to easily install the Pyle PLMRB85 speakers onto bars and rails using the provided hardware.

Wiring

1. **Amplifier Requirement:** These speakers require an external amplifier for optimal performance. Connecting them directly to a head unit may result in insufficient power and reduced sound quality.
2. **Recommended Amplifier Power:** For a pair of speakers, an amplifier providing 100-200 watts RMS per channel is recommended to achieve full volume and clarity.
3. **Connect Speaker Wires:** Connect the speaker wires to the gold-plated plug terminals on the back of each speaker. Ensure correct polarity (positive to positive, negative to negative) for proper sound reproduction.
4. **Route Wires Safely:** Route all speaker wires securely, away from moving parts, heat sources, and potential pinch points. Use marine-grade wiring for durability in outdoor environments.

OPERATING

Once properly installed and wired to an appropriate amplifier, your Pyle PLMRB85 marine speakers are ready for use.

- **Power On:** Turn on your audio source and amplifier.
- **Volume Adjustment:** Start with the volume at a low level and gradually increase it to your desired listening level. Avoid excessively high volumes that may cause distortion or damage to the speakers.
- **Sound Quality:** The 8-inch woofer and 1-inch tweeter are designed to provide a balanced sound profile. Adjust equalizer settings on your audio source or amplifier to fine-tune the sound to your preference.
- **Outdoor Performance:** These speakers are engineered to project sound effectively in open outdoor environments, making them ideal for recreational activities.



Image: The Pyle PLMRB85 speakers are perfect for outdoor adventures, including use on ATVs, boats, UTVs, and Jeeps.

MAINTENANCE

To ensure the longevity and continued performance of your marine speakers, follow these maintenance guidelines:

- **Regular Cleaning:** Wipe down the speaker enclosures and grilles with a soft, damp cloth to remove dirt, salt, and debris. Avoid abrasive cleaners or solvents.
- **Inspect Connections:** Periodically check all wiring connections for corrosion or looseness. Clean and re-tighten as necessary to maintain optimal electrical contact.
- **Protect from Extreme Conditions:** While weather-resistant, prolonged exposure to extreme temperatures or direct sunlight can affect material integrity. Store speakers in a protected area when not in use for extended periods.
- **Avoid Submersion:** The speakers are water-resistant (IP44), not fully submersible. Avoid submerging them in water.

MARINE GRADE

BUILT FOR WATER & ADVENTURE



**IP-44
WATERPROOF**



Image: The Pyle PLMRB85 speakers feature an IP44 marine grade rating, built to withstand water and adventure.

TROUBLESHOOTING

If you experience issues with your Pyle PLMRB85 speakers, refer to the following common troubleshooting steps:

- **No Sound:**

- Check all power connections to the amplifier and audio source.
- Verify speaker wire connections at both the amplifier and the speakers for correct polarity and secure contact.
- Ensure the amplifier is powered on and functioning correctly.
- Confirm the audio source is playing and its volume is not muted or too low.

- **Distorted Sound:**

- Reduce the volume level on your audio source and amplifier.
- Check for loose speaker wires or damaged cones.
- Ensure the amplifier's gain settings are not set too high, causing clipping.

- **Low Volume:**

- Increase the volume on your audio source and amplifier.
- Verify that the speakers are connected to an adequately powered amplifier.
- Check for correct wiring polarity. Incorrect polarity can cause phase issues and reduced volume.

SPECIFICATIONS

TECHINICAL SPECIFICATIONS

Dimensions (L X W): 9.9" x 9.6"



Power Output
300 Watts

Frequency Response
60Hz - 20kHz

Impedance
4 Ohm

Image: Overview of the Pyle PLMRB85's technical specifications.

Feature	Detail
Brand	Pyle
Model Number	PLMRB85
Speaker Type	Outdoor, Marine
Speaker Size	8 Inches
Max Power Output	300 Watts
RMS Power Output	150 Watts
Impedance	4 Ohm
Frequency Response	60Hz - 20kHz

Feature	Detail
Marine Grade IP Rating	IP-44 (Water Resistant)
Woofer Cone Material	Poly Mica
Surround Material	Butyl Rubber
Tweeter Type	Polymer Dome (1-inch)
Voice Coil	1.5 Inches
Magnet Structure	30 oz.
Dimensions (L x W)	9.9" x 9.6"
Weight (Each)	9.92 lbs.
Mounting Type	Mounting Clamps (fits bars up to 2.0" diameter)
Enclosure Material	Heavy Duty Engineered ABS Construction

WARRANTY & SUPPORT

Pyle products are designed for durability and performance. This product comes with a **365-day warranty** from the date of purchase, covering manufacturing defects.

For technical support, warranty claims, or further assistance, please contact Pyle customer service. Refer to the official Pyle website or your purchase documentation for the most current contact information.

Important: Keep your purchase receipt as proof of purchase for warranty validation.

ASK A QUESTION ABOUT THIS MANUAL

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Question

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Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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