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> Jensen MS6007WR 6.5-inch Coaxial Marine Speakers Instruction Manual

Jensen MS6007WR

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1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Jensen MS6007WR 6.5-inch Coaxial Marine Speakers. Please read this manual thoroughly before installation and use to ensure proper function and longevity of your speakers. Adherence to these guidelines will help you achieve optimal audio performance in your marine environment.





Image 1.1: Jensen MS6007WR 6.5-inch Coaxial Marine Speaker (Pair)

2. PRODUCT FEATURES

The Jensen MS6007WR marine speakers are engineered for reliable audio performance in demanding marine conditions. Key features include:

- **6.5-inch Coaxial Design:** Integrated tweeter and woofer for full-range sound reproduction.
- **60 Watts Maximum Output Power:** Delivers clear and robust audio.
- **Waterproof Construction:** Designed to withstand exposure to marine elements.
- **One-Piece Molded Chassis:** Enhances durability and structural integrity.
- **Universal Fit Type:** Compatible with a wide range of marine vessels.

3. PACKAGE CONTENTS

Upon opening your package, please verify that all components are present and undamaged:

- One pair of Jensen MS6007WR 6.5-inch Coaxial Marine Speakers (White)

Note: Mounting hardware (screws) may not be included and should be sourced separately based on your installation requirements.

4. SAFETY INFORMATION

Before proceeding with installation or operation, observe the following safety precautions:

- **Electrical Safety:** Disconnect power to the audio system before making any electrical connections. Incorrect wiring can cause damage to the speakers, amplifier, or vehicle's electrical system.
- **Mounting:** Ensure the mounting surface is structurally sound and free from obstructions. Use appropriate tools and personal protective equipment during installation.
- **Hearing Protection:** Prolonged exposure to high volume levels can cause hearing damage. Operate the audio system at safe listening levels.
- **Proposition 65 Warning:** This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

5. SETUP AND INSTALLATION

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

5.1 Tools Required

- Drill with appropriate drill bits
- Hole saw (5-inch diameter)
- Screwdriver
- Wire strippers/crimpers
- Marine-grade speaker wire
- Sealant (marine-grade, if necessary for waterproofing)

5.2 Mounting Dimensions



Image 5.1: Jensen MS6007WR Speaker with approximate dimensions for installation.

- **Overall Diameter:** Approximately 7.9 inches (20 cm)
- **Mounting Hole Diameter:** 5 inches

- **Mounting Depth:** 2.4 inches

5.3 Installation Steps

1. **Choose Location:** Select a flat, stable surface on your vessel that can accommodate the speaker's dimensions and mounting depth. Ensure there is clear space behind the mounting surface for wiring.
2. **Cut Mounting Hole:** Using a 5-inch hole saw, carefully cut the mounting hole. Ensure the cut is clean and smooth.
3. **Drill Screw Holes:** Position the speaker in the mounting hole and mark the locations for the mounting screws. Remove the speaker and drill pilot holes for the screws.
4. **Connect Wiring:** Connect the speaker wires from your marine stereo or amplifier to the speaker terminals. Ensure correct polarity: positive (+) to positive and negative (-) to negative. Use marine-grade connectors and heat shrink tubing for secure, corrosion-resistant connections.
5. **Secure Speakers:** Place the speaker into the mounting hole and secure it with appropriate marine-grade screws. Do not overtighten, as this can damage the speaker frame.

6. OPERATING INSTRUCTIONS

Once installed, connect your Jensen MS6007WR speakers to a compatible marine stereo or amplifier. Ensure the audio source is powered on and set to a low volume level before playing audio. Gradually increase the volume to your desired listening level. Always ensure correct wiring polarity for optimal sound quality and to prevent damage to your audio system.

7. MAINTENANCE

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

- **Cleaning:** Clean the speaker grilles and cones periodically with a soft cloth dampened with mild soap and fresh water. Avoid using harsh chemicals, abrasive cleaners, or high-pressure sprays, as these can damage the speaker materials.
- **Inspection:** Periodically inspect the speaker mounts and wiring connections for any signs of corrosion, looseness, or damage. Address any issues promptly to prevent further problems.
- **Environmental Protection:** While waterproof, prolonged exposure to direct sunlight and extreme weather conditions can affect the speaker's lifespan. Consider using speaker covers when the vessel is not in use.

8. TROUBLESHOOTING

If you encounter issues with your speakers, refer to the following troubleshooting guide:

- **No Sound:**
 - Check all wiring connections at both the speaker and the audio source (stereo/amplifier) for secure contact and correct polarity.
 - Ensure the audio source is powered on and functioning correctly.
 - Verify that the volume is not muted or set to a very low level.
- **Distorted Sound:**
 - Reduce the volume level on your audio source. Overdriving the speakers can cause distortion.
 - Check the amplifier gain settings; ensure they are not set too high.
 - Inspect speaker wires for damage or fraying that could cause signal interference.

- **Intermittent Sound:**

- Examine all wiring for loose connections or corrosion.
- Ensure the audio source is not experiencing power fluctuations.

If these steps do not resolve the issue, contact customer support for further assistance.

9. SPECIFICATIONS

Attribute	Specification
Brand	Jensen
Model Number	MS6007WR
Speaker Type	Coaxial Marine
Speaker Size	6.5 Inches
Maximum Output Power	60 Watts
Frequency Response	20 KHz
Mounting Hole Diameter	5 Inches
Mounting Depth	2.4 Inches
Enclosure Material	Plastic
Water Resistance Level	Waterproof
Connectivity Technology	Coaxial
UPC	681787015557

10. WARRANTY AND SUPPORT

Warranty Information: Please contact us if you experience any issues within 30 days of receipt. Specific warranty terms and conditions may apply and are subject to the manufacturer's policy.

Customer Support: For technical assistance, troubleshooting beyond this manual, or warranty claims, please contact Jensen customer service. Refer to your product packaging or the official Jensen website for the most current contact information.