

## Jensen MSX65R

# Jensen MSX65R Marine Coaxial Speakers Instruction Manual

Model: MSX65R

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## 1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Jensen MSX65R Marine Coaxial Speakers. These 6.5-inch speakers are designed for high-performance audio in marine environments, featuring waterproof construction and robust design. Please read this manual thoroughly before installation and use to ensure optimal performance and longevity of your speakers.

## 2. PACKAGE CONTENTS

Verify that all items are present in the package before proceeding with installation:

- 2 x Jensen MSX65R Marine Coaxial Speakers
- Silver White Grilles (included with speakers)
- Mounting Hardware (screws, clips, etc. - *specific hardware may vary, refer to packaging*)
- Instruction Manual (this document)

## 3. SPECIFICATIONS

The following table outlines the key technical specifications for the Jensen MSX65R speakers:

Feature	Specification
Model Number	JEN-MSX65R
Speaker Type	6.5" Marine Coaxial
Maximum Output Power	75 Watts

Feature	Specification
Frequency Response	65Hz - 20kHz
Impedance	4 Ohms
Woofer Material	Polypropylene
Voice Coil Size	1 inch
Mounting Type	Flush Mount (Coaxial, Ceiling Mount, Boat Mount)
Mounting Hole Diameter	6.5 inches
Mounting Depth	2.375 inches (2 3/8")
Water Resistance Level	Waterproof (UV Exposure Standard Compliant)

## 4. SETUP & INSTALLATION

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Proper installation is crucial for optimal performance and safety. If you are unsure about any step, consult a qualified marine audio technician.

### 4.1 Choosing a Mounting Location

Select a location that allows for the required mounting depth (2 3/8 inches) and diameter (6.5 inches). Ensure the location is free from obstructions and provides adequate clearance behind the speaker. Consider sound dispersion and protection from physical damage.

### 4.2 Cutting the Mounting Hole

1. Carefully mark the center of your desired speaker location.
2. Using a compass or template, draw a 6.5-inch diameter circle.
3. Using an appropriate cutting tool (e.g., jigsaw), carefully cut out the marked hole. Ensure the edges are smooth.
4. Test fit the speaker to ensure it sits flush.

### 4.3 Wiring the Speakers

Connect the speaker wires to your marine audio amplifier or head unit. Pay close attention to polarity (+ and -) to ensure correct phase and optimal sound quality. The MSX65R speakers have a 4 Ohm impedance. Ensure your amplifier is stable at this impedance.

- Connect the positive (+) terminal of the speaker to the positive (+) output of the amplifier.
- Connect the negative (-) terminal of the speaker to the negative (-) output of the amplifier.
- Use marine-grade wiring to prevent corrosion and ensure reliable connections in the marine environment.

### 4.4 Mounting the Speakers

1. Once wired, carefully place the speaker into the mounting hole.
2. Secure the speaker using the provided mounting screws. Do not overtighten, as this can damage the speaker frame or mounting surface.
3. Attach the silver-white grilles by aligning them with the speaker and pressing firmly until they click into place or securing with screws if applicable.



*Figure 4.1: Jensen MSX65R Marine Coaxial Speaker. This image shows the speaker with its silver-white grille, ready for flush mounting.*

## 5. OPERATION

Once properly installed and connected to an audio source (e.g., marine stereo, amplifier), the Jensen MSX65R speakers will reproduce audio. Ensure your audio source is powered on and configured correctly.

- **Volume Control:** Adjust the volume level from your connected audio source. Avoid excessively high volumes that can cause distortion or damage to the speakers.
- **Balance/Fader:** Use the balance and fader controls on your audio source to optimize sound distribution within your vessel.
- **Tone Controls:** Adjust bass, treble, and other tone controls on your audio source to suit your listening preferences.

These speakers are designed for marine environments and are waterproof. However, avoid submerging them or exposing them to high-pressure water jets.

## 6. MAINTENANCE

Regular maintenance will help prolong the life and performance of your Jensen MSX65R speakers.

- **Cleaning:** Periodically wipe down the speaker grilles and surrounds with a soft, damp cloth to remove salt, dirt, and grime. Do not use harsh chemicals or abrasive cleaners.
- **Inspection:** Regularly inspect the speaker grilles and mounting hardware for any signs of damage or loosening. Tighten screws if necessary.
- **UV Protection:** While the speakers are UV exposure standard compliant, prolonged direct exposure to intense sunlight can still affect their appearance over time. Consider using covers when the vessel is not in use for extended periods.
- **Wiring:** Check wiring connections periodically for corrosion or loose contacts, especially in saltwater environments.

## 7. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
No sound from speakers	<ul style="list-style-type: none"><li>◦ Audio source off or muted</li><li>◦ Loose or incorrect wiring</li><li>◦ Amplifier off or in protection mode</li><li>◦ Speaker damaged</li></ul>	<ul style="list-style-type: none"><li>◦ Check audio source power and volume</li><li>◦ Verify all wiring connections and polarity</li><li>◦ Check amplifier power and status indicators</li><li>◦ Test with another known working speaker if possible</li></ul>
Distorted or poor sound quality	<ul style="list-style-type: none"><li>◦ Volume too high</li><li>◦ Incorrect tone settings</li><li>◦ Loose wiring or short circuit</li><li>◦ Damaged speaker cone/surround</li></ul>	<ul style="list-style-type: none"><li>◦ Reduce volume</li><li>◦ Adjust bass/treble settings on audio source</li><li>◦ Inspect wiring for damage or loose connections</li><li>◦ Visually inspect speaker for physical damage</li></ul>
One speaker not working	<ul style="list-style-type: none"><li>◦ Loose connection to that specific speaker</li><li>◦ Balance control set incorrectly</li><li>◦ Faulty speaker or amplifier channel</li></ul>	<ul style="list-style-type: none"><li>◦ Check wiring for the non-working speaker</li><li>◦ Adjust balance control on audio source</li><li>◦ Swap speakers or amplifier channels to isolate the fault</li></ul>

If these steps do not resolve the issue, please contact Jensen customer support.

## 8. WARRANTY & SUPPORT

For detailed warranty information, please refer to the warranty card included with your product or visit the official Jensen website. Warranty terms and conditions may vary.

For technical support, replacement parts, or further assistance, please contact Jensen customer service through their official website or the contact information provided in your product packaging.

**Jensen Official Website:** [www.jensen.com](http://www.jensen.com) (Note: This is a placeholder URL. Please refer to your product packaging for the most accurate support contact information.)



