

Magnadyne LS3CMW

Magnadyne LS3CMW 3-inch Ceiling Mount Satellite Speakers User Manual

Model: LS3CMW

1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Magnadyne LS3CMW 3-inch Ceiling Mount Satellite Speakers. These speakers are designed to deliver quality audio in various environments, including recreational vehicles (RVs) and home theater setups. Please read this manual thoroughly before installation and use to ensure proper function and longevity of your product.



Image 1.1: A pair of Magnadyne LS3CMW 3-inch white ceiling mount satellite speakers, showcasing their compact design.

2. IMPORTANT SAFETY INFORMATION

Observe the following safety precautions to prevent damage to the speakers or injury to yourself.

- **Electrical Safety:** Ensure all power to the audio system is disconnected before performing any wiring or installation. Incorrect wiring can cause electrical shock or damage to equipment.
- **Mounting:** Always secure speakers firmly to a stable surface (ceiling or wall) using appropriate hardware. Ensure the mounting location can support the weight of the speakers.
- **Ventilation:** Do not obstruct the speaker grilles. Adequate airflow is necessary for optimal performance and to prevent overheating.
- **Environment:** Avoid exposing speakers to extreme temperatures, humidity, or direct water contact. These speakers are not waterproof.
- **Professional Installation:** If you are unsure about any part of the installation process, consult a qualified professional.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- Magnadyne LS3CMW 3-inch Satellite Speakers (2 units)
- Speaker wire with 2-pin Molex plug (pre-attached to each speaker)

4. INSTALLATION INSTRUCTIONS

4.1. Planning Your Installation

Before beginning installation, determine the optimal placement for your speakers. Consider the acoustics of the room or vehicle, ensuring clear sound projection and even distribution. These speakers are designed for flush mounting in ceilings or walls.

4.2. Mounting the Speakers

Follow these steps for secure ceiling or wall mounting:

1. **Prepare the Mounting Surface:** Identify a suitable location in your ceiling or wall. Ensure there are no electrical wires, plumbing, or structural elements that could be damaged during cutting.
2. **Cut the Mounting Hole:** The minimum required mounting hole diameter is 5 5/16 inches. Carefully mark and cut the opening using an appropriate tool.
3. **Connect Wiring:** Before inserting the speaker, feed the speaker wire through the mounting hole. Refer to Section 4.3 for wiring instructions.
4. **Insert and Secure Speaker:** Gently insert the speaker into the prepared opening. The speaker features a flush mount housing. Secure the speaker using the integrated mounting tabs or screws provided (if applicable). Ensure the speaker is flush with the surface and firmly held in place.



Image 4.1: Top-down view of a single speaker, illustrating the circular mounting flange and speaker grille.



Image 4.2: Side view of the speaker, showing the profile of the mounting flange and the speaker body.

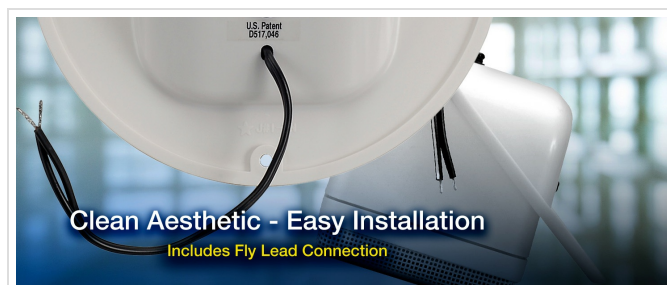


Image 4.3: Dimensional drawing of the LS3CMW speaker, indicating an outside diameter of 6 5/16 inches (165mm), a mounting depth of 1 3/4 inches, and a 35-degree angle for the speaker cone.

4.3. Wiring Connections

The LS3CMW speakers come with pre-attached flying speaker wire with a 2-pin Molex plug. Connect these wires to your audio amplifier or receiver's speaker outputs. Ensure correct polarity (positive to positive, negative to negative) for optimal sound performance.

- Identify the positive (+) and negative (-) terminals on your amplifier/receiver.

- Connect the corresponding wires from the speaker to these terminals. The speaker wire typically has markings (e.g., a stripe or ridge) to distinguish positive from negative.
- Secure all connections to prevent shorts or loose contacts.



Image 4.4: Rear view of the speaker, illustrating the attached speaker wire ready for connection.

5. OPERATING YOUR SPEAKERS

Once properly installed and connected to an audio source (e.g., amplifier, receiver), your Magnadyne LS3CMW speakers are ready for use. Simply power on your audio system and select your desired input. Adjust the volume on your amplifier or source device to your preferred listening level.

- Ensure your amplifier's impedance rating is compatible with the speakers' 6-ohm impedance.
- Avoid playing audio at excessively high volumes for prolonged periods, as this can damage the speakers.

6. CARE AND MAINTENANCE

To maintain the appearance and performance of your speakers, follow these simple care guidelines:

- **Cleaning:** Use a soft, dry cloth to wipe the speaker grilles and housing. Do not use abrasive cleaners, solvents, or excessive moisture, as these can damage the finish or internal components.
- **Dust Removal:** A soft brush or a vacuum cleaner with a brush attachment can be used to gently remove dust from the speaker grilles.
- **Inspection:** Periodically check the wiring connections to ensure they remain secure.

7. TROUBLESHOOTING GUIDE

If you encounter issues with your speakers, refer to the table below for common problems and solutions:

Problem	Possible Cause	Solution
No sound from speakers	Loose or incorrect wiring connections. Amplifier/receiver not powered on or incorrect input selected.	Check all speaker wire connections for correct polarity and secure contact. Ensure amplifier is on and correct source is selected.
Distorted sound	Volume too high. Amplifier clipping. Damaged speaker wire.	Reduce volume. Check amplifier for signs of clipping. Inspect speaker wires for damage and replace if necessary.
Sound only from one speaker	Wiring issue for the silent speaker. Balance settings on amplifier.	Check wiring for the non-working speaker. Verify amplifier balance settings.

8. TECHNICAL SPECIFICATIONS

Feature	Specification
Model	LS3CMW
Speaker Type	Satellite
Driver Size	3 Inches
Power Handling	90 Watts (Maximum Output Power)
Impedance	6 Ohm
Material	Plastic
Color	White

Feature	Specification
Mounting Type	Ceiling Mount
Recommended Use	Recreational Vehicles (RV), Home Theater
Connectivity	Wired (Flying speaker wire with 2-pin Molex plug)
Product Dimensions (per speaker)	7 x 7 x 4 inches
Item Weight (pair)	3.32 Pounds
Number of Speakers	2 (Pair)

9. WARRANTY INFORMATION AND SUPPORT

Your Magnadyne LS3CMW speakers come with a Limited Warranty. Please refer to the warranty documentation included with your purchase for specific terms, conditions, and duration. For technical support or warranty claims, please contact Magnadyne customer service.


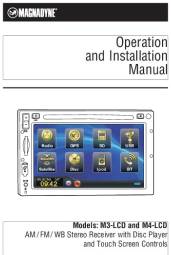
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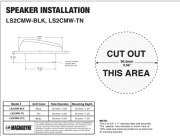
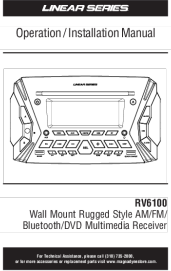
Date First Available: December 12, 2018

For further assistance, please visit the official Magnadyne website or contact their customer support.

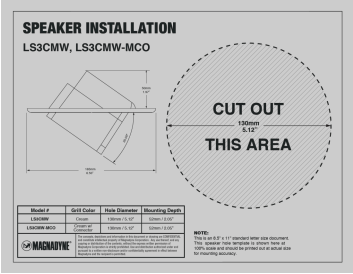
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Related Documents - LS3CMW

 <p>M9 10.2" BLUETOOTH MULTI-MEDIA RECEIVER</p>	<p>Magnadyne M9 10.2" Bluetooth Multi-Media Receiver User Manual</p> <p>Comprehensive user manual for the Magnadyne M9 10.2-inch Bluetooth Multi-Media Receiver, covering installation, operation, features like radio, USB/SD playback, Bluetooth, iPod/iPhone, SiriusXM, system settings, troubleshooting, and specifications.</p>
 <p>Operation and Installation Manual Models: M3-LCD and M4-LCD AM/FM/WB Stereo Receiver with Disc Player and Touch Screen Controls</p>	<p>Magnadyne M3-LCD & M4-LCD Operation and Installation Manual</p> <p>Comprehensive operation and installation manual for the Magnadyne M3-LCD and M4-LCD AM/FM/WB Stereo Receiver with Disc Player and Touch Screen Controls. Learn about features, setup, and troubleshooting.</p>

	<p>Magnadyne RV2458 Router Quickstart Guide</p> <p>A quickstart guide for the Magnadyne RV2458 Router, covering setup, Wi-Fi connection, and LTE data plan activation.</p>
	<p>Magnadyne M10 DVD Multimedia Internet Receiver User Manual</p> <p>Comprehensive user manual for the Magnadyne M10 DVD Multimedia Internet Receiver, detailing its features, operations, settings, and troubleshooting.</p>
	<p>Magnadyne LS2CMW Series Speaker Installation Guide and Cutout Template</p> <p>Installation instructions and cutout template for Magnadyne LS2CMW series speakers, including models LS2CMW-BLK, LS2CMW-TN, and LS2CMW-JCO. Features dimensions and specifications for mounting.</p>
	<p>RV6100 Wall Mount Rugged Style AM/FM/ Bluetooth/DVD Multimedia Receiver Operation/Installation Manual</p> <p>This manual provides comprehensive operation and installation instructions for the Magnadyne RV6100 multimedia receiver. It details features such as AM/FM radio, USB playback, AUX inputs, Bluetooth connectivity, DVD playback, sound controls, app integration, installation procedures, wiring, troubleshooting, specifications, and warranty information.</p>

Documents - Magnadyne – LS3CMW



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SPEAKER INSTALLATION **LS3CMW**, **LS3CMW**-MCO 50mm 1.97 165mm 6.50 35.00

CUT OUT 130mm 5.12 THIS AREA Model # **LS3CMW LS3CMW**-MCO Grill Color

Hole Diameter Mounting Depth Cream 130mm / 5.12 52mm / 2.05 Cream w/

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