

Scosche HD4004A-WM1SD

Scosche HD4004A-WM1SD 4-Way Full Range Car Door Speakers Instruction Manual

Model: HD4004A-WM1SD | Brand: Scosche

INTRODUCTION

Thank you for choosing Scosche HD4004A-WM1SD 4-Way Full Range Car Door Speakers. This manual provides detailed instructions for the proper installation, operation, and maintenance of your new car audio speakers. Please read this manual thoroughly before installation to ensure optimal performance and longevity of your product.

WHAT'S IN THE BOX

- (2) HD Speakers
- (2) Speaker Grilles
- Mounting Hardware

WHAT'S IN THE BOX?

► 2X HD Speakers



► Mounting Hardware



Image: Contents of the Scosche HD4004A-WM1SD speaker box, including two speakers, two speaker grilles, and a set of mounting hardware.

SPECIFICATIONS

Feature	Detail
Model Name	HD4004A-WM1SD
Speaker Type	Coaxial

Special Feature	CTA-2031 Compliant
Recommended Uses	For Cars (In-car audio systems)
Compatible Devices	MP3 Player, Smartphone, Tablet
Speaker Size	4 Inches
Speaker Maximum Output Power	120 Watts
Woofer Diameter	4 Inches
Surround Sound Channel Configuration	2.0
Included Components	(2) HD Speakers, (2) Speaker Grilles, Mounting Hardware
Product Dimensions	2.02"D x 3.24"W x 3.68"H
Water Resistance Level	Not Water Resistant
Warranty Type	1-Year Limited Warranty
Connectivity Technology	Coaxial
Mounting Type	Flush Mount

DIMENSIONS

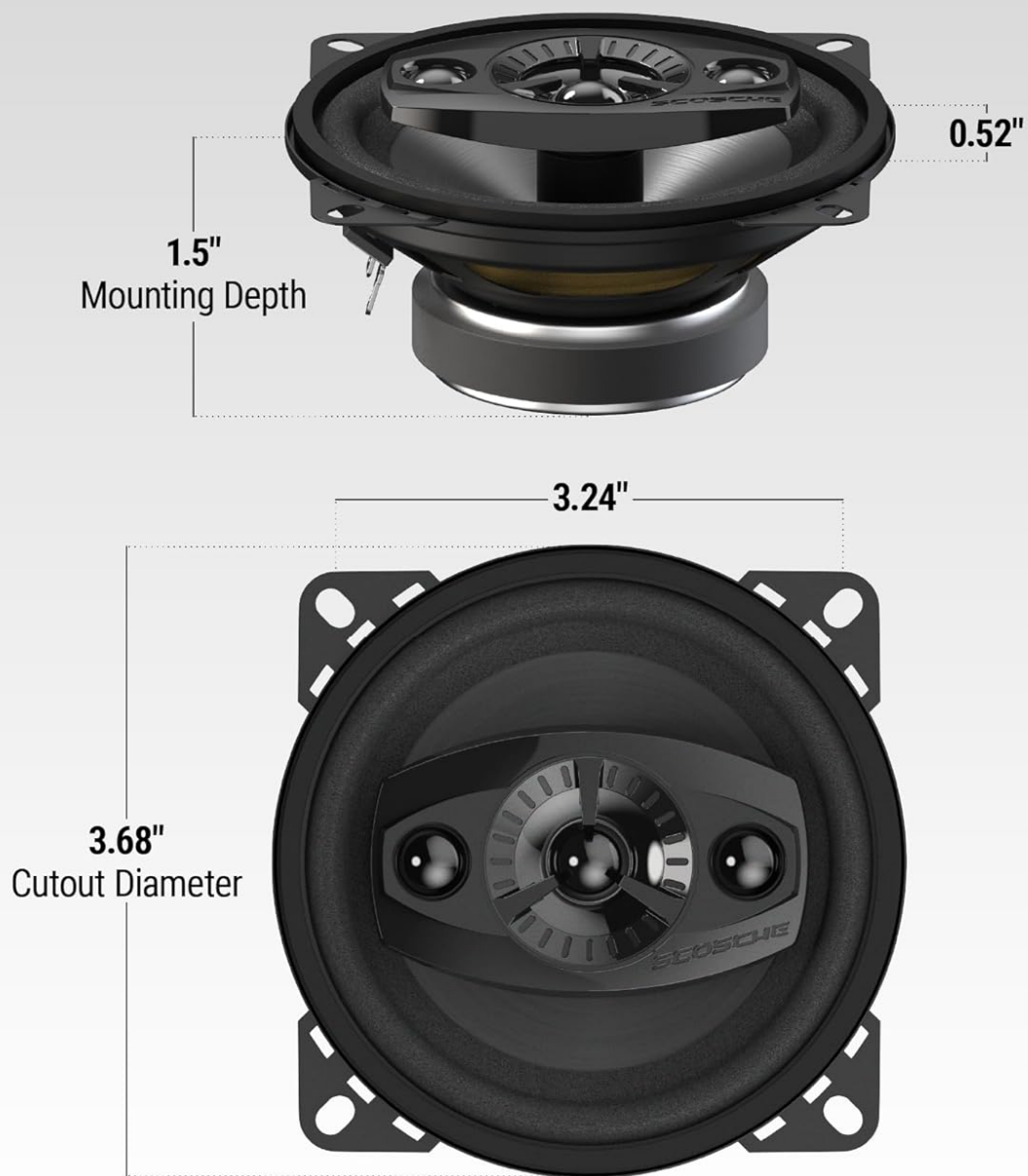


Image: Speaker dimensions for installation planning.

SETUP AND INSTALLATION

Proper installation is crucial for optimal sound performance and product longevity. If you are unsure about any steps, it is recommended to seek professional assistance.

Safety Precautions

- **Always disconnect the vehicle's negative battery terminal** before starting any electrical work to prevent short circuits and electrical damage.
- Wear appropriate safety gear, including eye protection and gloves.
- Ensure all wiring is properly insulated and secured to prevent damage and interference.

Step-by-Step Installation Guide

1. **Disconnect Battery:** Disconnect the negative terminal of your vehicle's battery.
2. **Remove Door/Side Panels:** Carefully remove the door panel or side panel where the speakers will be installed. Use appropriate trim removal tools to avoid damaging the interior. Be sure to locate and unplug any wiring connections and hidden screws or clips.
3. **Remove Factory Speakers:** Unscrew and remove the existing factory speakers. Disconnect their wiring.
4. **Prepare Wiring:** If necessary, strip the ends of the factory speaker wires and the new speaker wires. Crimp the new speaker connections to the factory wiring. Ensure proper polarity (positive to positive, negative to negative). Pre-wired speaker harnesses may be available for some vehicles (not included).
5. **Install Speaker Adapter Plate (if needed):** Some applications may require a speaker adapter plate to allow a new speaker to be installed. Secure the adapter plate to the vehicle's speaker opening.
6. **Mount New Speakers:** Connect the prepared wiring to your new Scosche HD4004A-WM1SD speakers. Mount the new speakers securely using the provided screws and hardware.
7. **Re-install Panels:** Re-install any door or side panels you may have removed, ensuring all wiring connections are re-attached and panels are securely fastened.
8. **Reconnect Battery:** Reconnect the negative terminal of your vehicle's battery.
9. **Test Speakers:** Turn on your car's audio system and test the new speakers to ensure they are functioning correctly and producing clear sound.

Visual Installation Guide

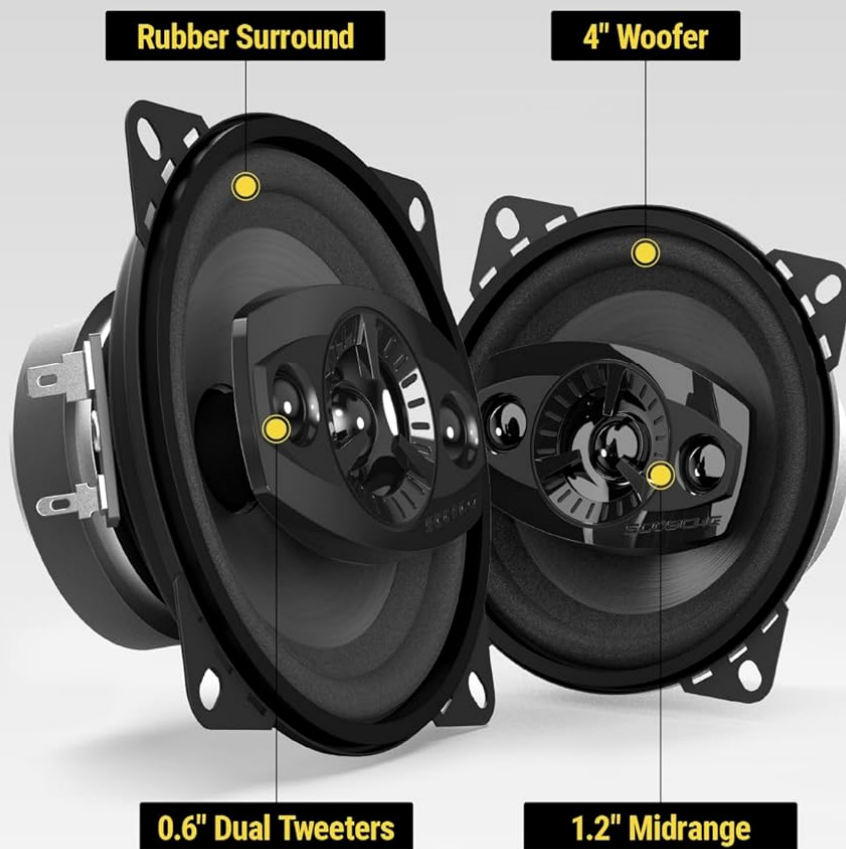
Watch the official Scosche speaker installation video for a visual walkthrough of the process:

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Video: Official Scosche Speaker Installation Instructions. This video demonstrates the general steps for installing aftermarket car speakers, including panel removal, wiring, and speaker mounting.

The Scosche HD4004A-WM1SD speakers feature a 4-way design with a 4" woofer, 1.2" midrange, and 0.6" dual tweeters for deep bass, smooth mids, and brilliant highs. The polypropylene cone is IMPP injection molded for durability, and the rubber surround ensures precise musical reproduction.

4" HD SPEAKER SET



Large Copper-Wound Voice Coil



COMPATIBLE WITH MOST CAR MODELS

Image: Detailed view of the 4-inch HD speaker set components.

Injection-Molded
Polypropylene Cone



Provides Deep Bass, Smooth,
Mids & Brilliant Highs



4 WAY SPEAKERS DELIVER CRISP, POWERFUL AUDIO

Multi-Fit Frame Design Allows Easy
Installation in Most 4" Applications



Strontium Magnet for
Powerful Bass Control



Image: Key features of the 4-way speakers, including cone material, sound profile, mounting, and magnet type.

OPERATING INSTRUCTIONS

Once properly installed, your Scosche HD4004A-WM1SD speakers will function as part of your vehicle's audio system. Ensure your car's head unit (stereo) is powered on and set to your desired audio source.

- **Volume Control:** Adjust the volume through your car's head unit. Avoid excessively high volumes for prolonged periods to prevent speaker damage.
- **Audio Settings:** Utilize your head unit's equalizer and audio settings (bass, treble, balance, fader) to fine-

tune the sound to your personal preference.

- **Break-in Period:** Allow a short break-in period (typically 10-20 hours of normal listening) for the speaker components to loosen up and achieve their optimal sound quality.

MAINTENANCE

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

- **Cleaning:** Gently wipe the speaker grilles and surrounds with a soft, dry cloth. Avoid using harsh chemicals or abrasive cleaners.
- **Protection:** Ensure the speaker grilles are always in place to protect the cones from physical damage.
- **Environmental Factors:** While designed for car environments, avoid exposing speakers to extreme moisture or direct sunlight for extended periods.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No sound from speakers	Loose or incorrect wiring connections; Head unit off or muted; Blown fuse in head unit or vehicle.	Check all wiring connections for tightness and correct polarity; Ensure head unit is on and not muted; Check and replace any blown fuses.
Distorted or poor sound quality	Incorrect audio settings (e.g., bass too high); Damaged speaker cone or surround; Overpowering speakers.	Adjust head unit's equalizer and audio settings; Inspect speakers for visible damage; Ensure amplifier (if used) is properly matched to speaker wattage.
One speaker not working	Loose connection to that specific speaker; Faulty speaker wire; Speaker damage.	Check wiring for the non-functioning speaker; Test with a known good speaker wire; If still no sound, the speaker may be faulty and require replacement.

WARRANTY AND SUPPORT

Your Scosche HD4004A-WM1SD speakers come with a **1-Year Limited Warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. It does not cover damage resulting from improper installation, accident, misuse, abuse, neglect, unauthorized modification, or normal wear and tear.

For warranty claims, technical support, or further assistance, please contact Scosche customer service through their official website or the retailer where the product was purchased. Please retain your proof of purchase for warranty validation.

Scosche Industries: www.scosche.com

