## Scosche HD4004

# Instruction Manual

## SCOSCHE HD4004 4-Way HD 4” Speaker Set

**Model: HD4004**

### Product Overview

The SCOSCHE HD4004 is a 4-way HD 4-inch speaker set designed to deliver enhanced audio performance in your vehicle. With a peak power handling of 120 Watts and 30 Watts RMS per speaker, these units are engineered for clear and dynamic sound reproduction. They are built to integrate seamlessly into factory speaker locations, offering an upgrade to your car's audio system.




Image: Front view of the SCOSCHE HD4004 4-Way HD 4-inch Speaker Set, showcasing two speakers with black grilles and blue accents.




Image: Rear view of a single SCOSCHE HD4004 speaker, showing the magnet and a label with specifications including 120 Watts Peak, 30 Watts RMS, and 4 Ohm Impedance.

## Key Features

- Allows new aftermarket stereo to be installed in factory location
- Fits Double DIN stereos with a maximum screen size/faceplate opening is 3 13/16" x 6 13/16" (96.8mm x 173mm)
- Precision designed for a gapless fit between the dash and the Dash Kit
- Color and Texture matches the factory dash
- Easy to install. No special tools are required. Includes step-by-step instructions
- Backed by Scosche's Lifetime Warranty and Lifetime Tech Support

## Setup and Installation

The SCOSCHE HD4004 speaker set is designed for straightforward installation in most vehicle audio systems. While no special tools are required, basic automotive audio installation knowledge is recommended. Always ensure

the vehicle's power is disconnected before beginning installation.

### Package Contents:

- Two (2) SCOSCHE HD4004 4-inch Speakers
- Mounting Hardware (screws, clips, etc. - if applicable)
- Instructions

### Installation Steps:

1. **Preparation:** Disconnect the vehicle's battery to prevent electrical shorts. Carefully remove existing speakers or access the speaker mounting location in your vehicle.
2. **Mounting:** Secure the SCOSCHE HD4004 speakers into the designated openings using the appropriate mounting hardware. Ensure a snug fit to prevent vibrations and ensure optimal sound quality.
3. **Wiring:** Connect the speaker wires to the vehicle's audio system. Pay close attention to positive (+) and negative (-) terminals to ensure correct phasing. Incorrect wiring can lead to poor sound quality. Refer to your vehicle's wiring diagram if unsure.
4. **Testing:** Reconnect the vehicle's battery. Turn on the audio system and test the speakers at a low volume. Gradually increase volume to check for clarity and proper function across different audio ranges.
5. **Final Assembly:** Reinstall any removed panels, grilles, or trim pieces, ensuring they are securely fastened.

For detailed vehicle-specific instructions, please consult your vehicle's service manual or a professional installer.

## Operating Instructions

Once installed, the SCOSCHE HD4004 speakers operate as an integral part of your vehicle's audio system. Their performance is directly influenced by the head unit (stereo) and any external amplifiers used.

### Audio System Settings:

- **Volume Control:** Adjust the volume through your head unit. Avoid excessively high volumes for prolonged periods to prevent speaker damage and distortion.
- **Balance and Fader:** Use these controls on your head unit to distribute sound evenly throughout the vehicle's cabin.
- **Equalizer (EQ):** Adjust bass, treble, and mid-range settings to customize the sound profile to your preference. It is recommended to start with flat settings and make small, incremental adjustments.
- **Crossover Settings:** If your head unit or external amplifier has built-in crossovers, ensure the speakers are receiving an appropriate frequency range. For full-range speakers like the HD4004, a high-pass filter set around 80-100 Hz can protect them from damaging low frequencies, especially if a subwoofer is present in your system.

These speakers are designed for optimal performance within their rated power handling. Exceeding 120 Watts Peak or 30 Watts RMS per speaker can lead to distortion and potential damage.

## Maintenance

The SCOSCHE HD4004 speakers require minimal maintenance to ensure long-lasting performance and sound quality.

- **Cleaning:** Periodically wipe the speaker grilles and surrounding areas with a soft, dry cloth to remove dust and debris. Avoid using harsh chemicals, solvents, or abrasive cleaners, as these can damage the speaker materials.
- **Inspection:** Occasionally check the speaker cones and surrounds for any signs of physical damage, such as

tears, cracks, or punctures. Ensure all mounting screws remain tight to prevent rattling or loose connections.

- **Environmental Factors:** Protect the speakers from extreme temperatures, direct sunlight for prolonged periods, and direct moisture. While designed for vehicle use, they are not waterproof and exposure to excessive water can cause damage.

Proper care and attention will help maintain the acoustic integrity and extend the lifespan of your speakers.

## Troubleshooting

| Problem | Possible Cause | Solution |
|---|---|---|
| No Sound from Speakers | Loose or incorrect wiring; Head unit or amplifier issues; Blown fuse in audio system. | Check all wiring connections for proper polarity and secure fit. Verify head unit and amplifier are powered on and functioning correctly. Inspect and replace any blown fuses in the vehicle's audio system. |
| Distorted Sound | Volume too high; Incorrect equalizer (EQ) settings; Damaged speaker; Amplifier clipping (overdriving). | Reduce volume to a comfortable level. Adjust EQ settings to a flatter response or reset to default. Visually inspect the speaker for physical damage. Ensure amplifier gain is set correctly and not overdriving the speakers. |
| Weak or Muffled Sound | Incorrect wiring (out of phase); Speaker grilles obstructed; Low power output from head unit or amplifier. | Verify speaker wire polarity for all speakers. Ensure speaker grilles are clear of obstructions. Check head unit or amplifier power output settings. |
| Intermittent Sound | Loose connections at speaker or head unit/amplifier; Faulty speaker wire. | Inspect all connections for looseness and re-secure. Test speaker wires for continuity and replace if damaged. |

If problems persist after attempting these solutions, please contact Scosche customer support or a qualified car audio technician for further assistance.

## Specifications

| Feature | Detail |
|---|---|
| Speaker Type | Woofer |
| Recommended Use | Vehicle |
| Channel Configuration | 4 |
| Included Components | instructions |
| Weight | 1.7 Pounds |
| Waterproof | FALSE |
| Number of Items | 1 |

| Feature | Detail |
|---|---|
| Speaker Size | 4 Inches |
| Power Source | Corded Electric |
| Vehicle Type | Car |
| UPC | 033991049116 |
| GTIN | 00033991049116 |
| Manufacturer | Scosche |
| Dimensions | 5.79 x 5.87 x 6.54 inches |
| Model Number | HD4004 |
| Discontinued | No |
| Wireless Remote | No |
| Warranty | Backed by Scosche’s Lifetime Tech Support and 1 Year Warranty |
| Brand | Scosche |
| Max Output Power | 150 Watts |
| Audio Output | Stereo |
| Mounting Type | Car Mount |

## Warranty and Support

Scosche stands behind the quality and durability of its products. The HD4004 speaker set is backed by a**Limited Lifetime Warranty** and **Lifetime Tech Support**, providing peace of mind for your investment.

### Warranty Coverage:

This product is covered by Scosche's Limited Lifetime Warranty, which protects against defects in materials and workmanship under normal use. For specific terms, conditions, and limitations of the warranty, please refer to the official Scosche warranty policy available on their corporate website.

### Technical Support:

Scosche offers Lifetime Technical Support for this product. If you encounter any issues during installation, operation, or have general questions, their knowledgeable tech team is available to assist you.
**Contact Information:**

- **Website:** www.scosche.com
- **Phone:** Please refer to Scosche's official website for the most current customer service contact numbers and hours of operation.

When contacting support, please have your product model number (HD4004) and purchase information readily available to expedite the process.

© 2024 Scosche. All rights reserved.