

Scosche GM3000SWF

Scosche GM3000SWF Factory Stereo Replacement Interface Adapter User Manual

Model: GM3000SWF

1. INTRODUCTION

The Scosche GM3000SWF is a factory stereo replacement interface adapter designed for select 2004-2024 GM vehicles. This interface facilitates the installation of an aftermarket single or double DIN stereo into your vehicle's factory radio harnesses. It is engineered to retain essential factory features, including steering wheel controls and OEM amplifier functionality, ensuring a seamless integration and enhanced audio experience without compromising original vehicle functionalities.

2. PRODUCT OVERVIEW

The GM3000SWF kit includes the main interface module and various wiring harnesses necessary for connection. The module processes signals to maintain compatibility between your new aftermarket stereo and the vehicle's existing electrical system.



Figure 2.1: Scosche GM3000SWF Factory Stereo Replacement Interface Adapter, showing the main module and included wiring harnesses.

The core component is the compact interface module, which manages the communication between the aftermarket

stereo and the vehicle's data bus system. This ensures that features like steering wheel controls and warning chimes continue to operate correctly.



Figure 2.2: Close-up view of the Scosche GM3000SWF interface module, highlighting its compact design.

The kit also provides specialized wiring harnesses designed to connect directly to your vehicle's factory wiring and the aftermarket stereo. These harnesses feature standard wire color codes for straightforward identification and connection.

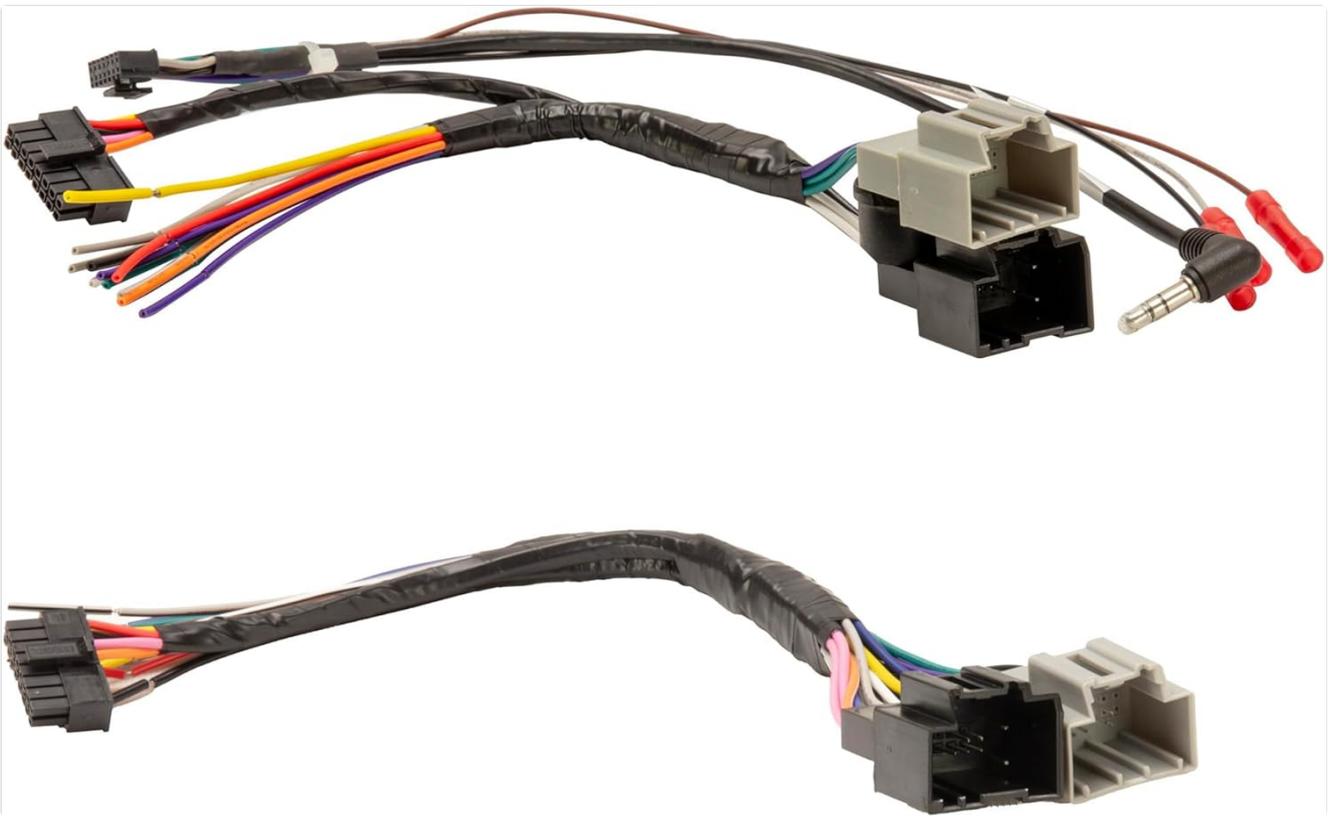


Figure 2.3: Detailed view of the included wiring harnesses, showing the various connectors and color-coded wires.

3. COMPATIBILITY

The Scosche GM3000SWF is specifically designed for compatibility with select 2004-2024 GM vehicles. It is crucial to verify your vehicle's specific make, model, and year against the compatibility guide provided in the product documentation or on the manufacturer's website to ensure proper fit and functionality.

STEREO REPLACEMENT INTERFACES - GM3000SWF

2006-2024 BUICK • CHEVROLET • GMC • HUMMER • PONTIAC • SATURN • SUZUKI (Check Fit Guide Image)

Scosche radio replacement interfaces allow you to install an aftermarket stereo while retaining important convenience and safety diagnostic features.



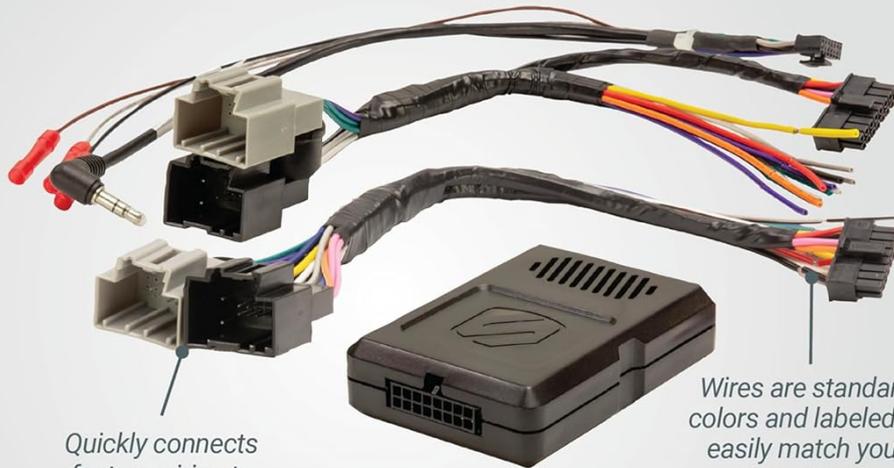
**EASY TO
INSTALL**



**FACTORY
QUALITY**



**DIRECT
CONNECTION**



*Quickly connects
factory wiring to
your new stereo*

*Wires are standard
colors and labeled to
easily match your
new stereo*

**RETAINS
STEERING WHEEL
CONTROLS!**



Check specific product features

MAKE YOUR INSTALL EASY

A

DASH KIT

B

**WIRE HARNESS/
INTERFACE**

C

**ANTENNA
ADAPTER**

Parts for A and C sold separately



Figure 3.1: Compatibility chart for the Scosche GM3000SWF, listing compatible GM vehicle makes, models, and years.

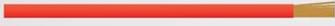
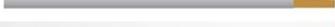
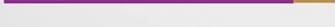
Important Notes:

- This interface does not retain OnStar features.
- It is not compatible with Digital "Premium Bose" Systems (RPO codes: Y91/Y92/Z75).
- For 2012-13 models, it is not compatible with Factory Navigation equipped vehicles.
- Steering wheel controls are not retained on certain models (refer to the compatibility chart for specifics).

4. SETUP & INSTALLATION

Installation of the Scosche GM3000SWF involves connecting the interface module and its harnesses between your aftermarket stereo and the vehicle's factory wiring. The harnesses are designed with standard EIA (Electronics Industry Association) wire color codes to simplify the connection process.

ELECTRONICS INDUSTRY ASSOCIATION (EIA) WIRE COLOR CODE CHART

| | | |
|--------------|---|--|
| YELLOW |  | 12V BATTERY : CONSTANT (+) |
| RED |  | 12V BATTERY : SWITCHED (+) |
| BLACK |  | CHASSIS GROUND (-) |
| BLACK/WHITE |  | FACTORY AMPLIFIER GROUND |
| BLUE |  | ANTENNA POWER (WHEN TUNER IS ON) |
| BLUE/WHITE |  | AMPLIFIER TURN ON |
| ORANGE |  | DASH ILLUMINATION 12V |
| ORANGE/WHITE |  | DASH LIGHT DIMMER 1V-12V |
| ORANGE/BLACK |  | DIMMER GROUND (NEGATIVE TRIGGER CIRCUIT) |
| BROWN |  | PHONE MUTE |
| WHITE |  | LEFT FRONT SPEAKER (+) |
| WHITE/BLACK |  | LEFT FRONT SPEAKER (-) |
| GRAY |  | RIGHT FRONT SPEAKER (+) |
| GRAY/BLACK |  | RIGHT FRONT SPEAKER (-) |
| GREEN |  | LEFT REAR SPEAKER (+) |
| GREEN/BLACK |  | LEFT REAR SPEAKER (-) |
| PURPLE |  | RIGHT REAR SPEAKER (+) |
| PURPLE/BLACK |  | RIGHT REAR SPEAKER (-) |

The color codes used on this car stereo connector harness conform to the E.I.A. (Electronics Industry Association) standard. These colors may differ from the wiring codes found on your stereo. Always refer to your stereo owner's manual for specific wiring details before making any connections.



Figure 4.1: Electronics Industry Association (EIA) Wire Color Code Chart, detailing standard wire functions for car stereo installations.

General Installation Steps:

- Preparation:** Disconnect the vehicle's battery before beginning any electrical work.
- Remove Factory Stereo:** Carefully remove the existing factory stereo from the dashboard.
- Connect Harnesses:** Connect the provided Scosche wiring harnesses to the aftermarket stereo's harness, matching wire colors according to the EIA chart (Figure 4.1) and your stereo's owner's manual.
- Connect Interface Module:** Plug the integrated harness from the aftermarket stereo into the Scosche GM3000SWF interface module.
- Vehicle Connection:** Connect the vehicle-specific harness from the interface module to the factory wiring harness in your vehicle.
- Test Connections:** Before fully reassembling the dashboard, reconnect the vehicle's battery and test the aftermarket stereo's functionality, including audio output, steering wheel controls, and any retained safety chimes.
- Final Assembly:** Once all functions are verified, securely mount the aftermarket stereo and reassemble the dashboard components.

For detailed, step-by-step installation instructions specific to your vehicle and aftermarket stereo, please refer to the

comprehensive [Installation Manual \(PDF\)](#) provided by Scosche.

5. OPERATING INSTRUCTIONS

Once installed, the Scosche GM3000SWF allows your aftermarket stereo to integrate with your vehicle's existing systems. The primary operational benefit is the retention of factory steering wheel controls, enabling safe and convenient operation of your new stereo while driving. This includes functions such as volume adjustment, track skipping, and answering/ending calls (if supported by your stereo and vehicle).

Additionally, the interface ensures that factory safety and warning chimes are retained and function as intended, providing important auditory alerts for various vehicle conditions.

6. MAINTENANCE

The Scosche GM3000SWF interface adapter is designed for durability and requires minimal maintenance. Ensure that all connections remain secure and free from moisture or debris. Periodically check the wiring for any signs of wear or damage. If any issues arise, consult the troubleshooting section or contact customer support.

7. TROUBLESHOOTING

If you encounter issues after installation, consider the following common troubleshooting steps:

- **No Power to Stereo:** Verify all power connections (constant 12V, switched 12V, ground) are secure and correctly wired according to the EIA chart and your stereo's manual. Check vehicle fuses.
- **No Sound:** Ensure all speaker wires are correctly connected and not shorted. Confirm the OEM amplifier is receiving power and a turn-on signal from the aftermarket stereo. Some vehicles may require specific wiring adjustments (e.g., connecting a remote turn-on wire to the interface module if applicable).
- **Steering Wheel Controls Not Working:** Double-check the connection of the steering wheel control wire from the interface module to your aftermarket stereo. Ensure your aftermarket stereo is configured to recognize external steering wheel controls.
- **Factory Chimes Not Functioning:** Verify the interface module is correctly powered and connected to the vehicle's data bus. Ensure the module's speaker (if present) is not obstructed.
- **Intermittent Issues:** Inspect all connections for looseness or corrosion. Ensure the interface module is securely mounted and not subject to excessive vibration.

For persistent issues, refer to the detailed troubleshooting section in the full [Installation Manual \(PDF\)](#) or contact Scosche technical support.

8. SPECIFICATIONS

| Feature | Detail |
|--------------|---------------------------------|
| Brand | Scosche |
| Model Number | GM3000SWF |
| Material | Acrylonitrile Butadiene Styrene |
| Item Weight | 0.17 Kilograms (5.8 ounces) |

| | |
|--------------------|---------------------------|
| Cable Type | Flat Ribbon |
| Connector Type | Flat Ribbon |
| Recommended Uses | Wiring Harness |
| Color | Black |
| Package Dimensions | 5.71 x 4.29 x 4.06 inches |

9. WARRANTY & SUPPORT

The Scosche GM3000SWF Factory Stereo Replacement Interface Adapter is backed by Scosche's Limited Lifetime Warranty. Scosche is committed to quality car audio solutions and provides Lifetime Technical Support for this product. For any inquiries or assistance, please refer to the contact information available on the official Scosche website or the product packaging.

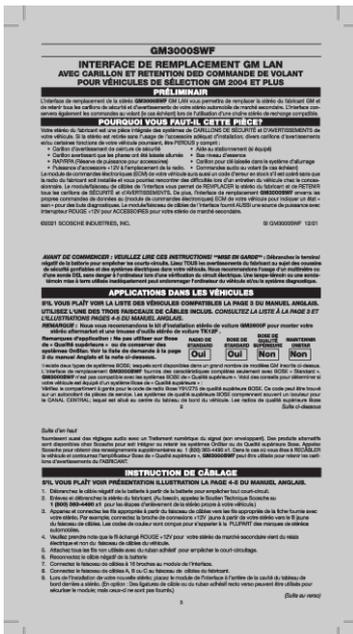
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Documents - Scosche – GM3000SWF

[Scosche GM3000SW-WM1: GM LAN Stereo Replacement Interface & Steering Wheel Control Retention](#)

Install the Scosche GM3000SW-WM1 interface to replace your GM factory stereo while retaining essential safety chimes and steering wheel controls. Compatible with select 2004-up GM vehicles with GM LAN radios.

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[\[pdf\] User Manual](#)

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