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› [Scosche](#) /

› Scosche CR03SR Radio Replacement Interface for Can Bus for 2004-Up Chrysler/Dodge/Jeep User Manual

Scosche CR03SR

Scosche CR03SR Radio Replacement Interface

User Instruction Manual

INTRODUCTION

The Scosche CR03SR is a radio replacement interface designed to integrate an aftermarket car stereo into select 2005-Up Chrysler, Dodge, and Jeep vehicles equipped with a CAN Bus system. This interface retains essential vehicle features and provides necessary outputs for the new radio installation, ensuring proper functionality and compatibility.



Image: The Scosche CR03SR interface module with its integrated wiring harness, showing the main module and various colored wires for connection.

SAFETY INFORMATION

Always disconnect the vehicle's negative battery terminal before beginning any electrical installation. Consult a professional if you are unsure about any steps. Ensure all connections are secure and properly insulated to prevent short circuits. Do not modify the interface module or wiring harness.

PACKAGE CONTENTS

- Scosche CR03SR Interface Module with integrated wiring harness
- Instruction Manual (this document)

SETUP AND INSTALLATION

Note: This installation requires basic automotive electrical knowledge. Refer to your vehicle's service manual for specific wiring diagrams and disassembly instructions.

Wiring Connections

Match the wires from the aftermarket radio's harness to the corresponding wires on the CR03SR interface harness. Solder and heat shrink all connections for reliability.

CR03SR Wiring Diagram (Typical)

Wire Color (CR03SR)	Function	Connect To (Aftermarket Radio)
Red	Accessory Power (12V Switched)	Aftermarket Radio's Red (Accessory) Wire
Yellow	Constant Power (12V Constant)	Aftermarket Radio's Yellow (Constant) Wire
Black	Ground	Aftermarket Radio's Black (Ground) Wire
Orange/White	Illumination	Aftermarket Radio's Orange/White (Illumination) Wire
Blue/White	Amplifier Turn-On	Aftermarket Radio's Blue/White (Amp Turn-On) Wire (if applicable)
Green	Left Rear Speaker (+)	Aftermarket Radio's Green Wire
Green/Black	Left Rear Speaker (-)	Aftermarket Radio's Green/Black Wire
Purple	Right Rear Speaker (+)	Aftermarket Radio's Purple Wire
Purple/Black	Right Rear Speaker (-)	Aftermarket Radio's Purple/Black Wire
White	Left Front Speaker (+)	Aftermarket Radio's White Wire
White/Black	Left Front Speaker (-)	Aftermarket Radio's White/Black Wire
Gray	Right Front Speaker (+)	Aftermarket Radio's Gray Wire
Gray/Black	Right Front Speaker (-)	Aftermarket Radio's Gray/Black Wire
Light Green	Parking Brake Output	Aftermarket Radio's Parking Brake Wire (if applicable)
Blue	Vehicle Speed Sense (VSS) Output	Aftermarket Navigation Unit's VSS Input (if applicable)
Pink	Reverse Output	Aftermarket Navigation Unit's Reverse Input (if applicable)

Installation Steps

- Prepare Vehicle:** Disconnect the negative battery terminal. Carefully remove the factory radio following your vehicle's specific instructions.
- Wire Connections:** Connect the aftermarket radio's wiring harness to the CR03SR interface harness as per the wiring diagram above. Ensure all connections are secure and properly insulated.
- Connect to Vehicle:** Plug the vehicle-specific connector from the CR03SR harness into the factory radio harness in the vehicle's dashboard.
- Test Functionality:** Before reassembling the dashboard, reconnect the vehicle's battery. Turn on the ignition and test the aftermarket radio's functionality, including power, sound, illumination, and any retained features (e.g., steering wheel controls if an additional adapter is used).
- Secure Module:** Once confirmed working, secure the CR03SR module in a safe location behind the dashboard, away from moving parts or heat sources.

6. **Reassemble:** Carefully reassemble the dashboard and trim pieces.

OPERATING INSTRUCTIONS

The Scosche CR03SR interface operates automatically once installed. It translates the vehicle's CAN Bus data into signals compatible with your aftermarket radio, providing accessory power, retained accessory power (RAP), and navigation outputs (VSS, Reverse, Parking Brake) where applicable. No user interaction with the module itself is required after installation.

Ensure your aftermarket radio is properly configured according to its own instruction manual to utilize all available inputs provided by the CR03SR.

MAINTENANCE

The Scosche CR03SR is a maintenance-free device. No periodic cleaning or servicing is required. Ensure it remains securely mounted and that its wiring connections are not disturbed.

TROUBLESHOOTING

Common Issues and Solutions		
Problem	Possible Cause	Solution
Aftermarket radio does not power on.	Incorrect wiring for constant or accessory power; blown fuse.	Verify Red and Yellow wire connections. Check vehicle's fuse box and aftermarket radio's fuse. Ensure battery is reconnected.
No sound from speakers.	Incorrect speaker wiring; amplifier not turning on (if applicable).	Check all speaker wire connections (positive and negative). Verify Blue/White wire connection for amplifier turn-on.
Radio does not turn off with ignition.	Incorrect accessory power (Red) wire connection.	Ensure the Red wire from the CR03SR is connected to the aftermarket radio's accessory wire and that it receives switched 12V.
Navigation features (VSS, Reverse, Parking Brake) not working.	Incorrect connection of respective output wires.	Verify Light Green, Blue, and Pink wire connections to the navigation unit. Ensure the navigation unit is properly configured.
Steering wheel controls not working.	The CR03SR does not inherently retain steering wheel controls. An additional adapter (sold separately) is required.	If steering wheel controls are desired, a separate Scosche steering wheel control interface (e.g., SWC series) must be purchased and installed in conjunction with the CR03SR.

SPECIFICATIONS

- Model:** CR03SR
- Compatibility:** 2005-Up Chrysler/Dodge/Jeep vehicles with CAN Bus
- Function:** Provides accessory power, retained accessory power (RAP), and navigation outputs (VSS, Reverse, Parking Brake) for aftermarket radio installation.

- **Dimensions:** Approximately 3 x 6 x 9.5 inches
- **Weight:** Approximately 4.8 ounces

WARRANTY AND SUPPORT

Scosche Industries provides a limited warranty on its products. For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official Scosche website. Keep your purchase receipt as proof of purchase.

For technical support or assistance with installation, please contact Scosche Customer Service. Contact information can typically be found on the product packaging or the Scosche website (www.scosche.com).

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