

Phonocar 04069

Phonocar 04069 Steering Wheel Control Interface User Manual

Compatible with Jeep Renegade (2015+) and Fiat 500X

1. INTRODUCTION

The Phonocar 04069 is a steering wheel control interface designed to integrate an aftermarket car stereo with the existing steering wheel controls of compatible vehicles. This interface allows you to retain the functionality of your factory steering wheel buttons, such as volume control, track skipping, and mode selection, when upgrading your vehicle's head unit. This manual provides detailed instructions for installation, operation, and troubleshooting.

2. SAFETY INFORMATION

- **Professional Installation Recommended:** Installation of this device requires knowledge of automotive electrical systems. If you are unsure about any step, consult a qualified professional installer.
- **Disconnect Battery:** Always disconnect the vehicle's negative battery terminal before beginning any electrical installation to prevent short circuits and damage to the vehicle's electrical system.
- **Use Correct Tools:** Ensure you use appropriate tools for wiring and panel removal to avoid damage to your vehicle.
- **Secure Wiring:** Route all wiring carefully to prevent pinching, chafing, or interference with moving parts. Secure connections with electrical tape or heat shrink tubing.
- **Test Before Reassembly:** Fully test the functionality of the interface and head unit before reassembling the dashboard.

3. PACKAGE CONTENTS

Please verify that all items are present in the package:

- Phonocar 04069 Steering Wheel Control Interface Module
- Vehicle-specific wiring harness (if included)
- Universal head unit connection lead (if included)
- Instruction Manual (this document)

4. SETUP AND INSTALLATION

Follow these steps carefully for proper installation:

1. Preparation:

- Park the vehicle on a level surface and engage the parking brake.
- Turn off the ignition and remove the key.
- Disconnect the negative terminal of the vehicle's battery.
- Carefully remove the factory radio from the dashboard. Refer to your vehicle's service manual for specific instructions on dashboard disassembly.

2. Identify Vehicle Wiring:

Locate the factory wiring harness that was connected to the original radio. You will need to identify the following connections:

- Constant 12V Power (Yellow wire, typically)
- Ignition Switched 12V Power (Red wire, typically)
- Ground (Black wire, typically)
- CAN Bus High and CAN Bus Low (Twisted pair, specific colors vary by vehicle)
- Steering Wheel Control (SWC) wires (Key1, Key2, SWC Ground - specific colors vary)

3. Connect the Interface Module:

Connect the vehicle-specific wiring harness (if provided) to the Phonocar 04069 module. Then, connect the vehicle-specific harness to the factory wiring harness in your vehicle. Ensure all connections are secure.

4. Connect to Aftermarket Head Unit:

Connect the universal head unit connection lead from the Phonocar 04069 module to your aftermarket stereo. The specific connections will depend on your head unit's brand and model. Typically, you will connect:

- SWC Output (from interface) to SWC Input (on head unit)
- Ground (from interface) to Ground (on head unit)
- Power (from interface) to Power (on head unit)

Note: Some head units may require a specific programming sequence or a 3.5mm jack connection for steering wheel controls. Refer to your aftermarket head unit's manual for details.

5. Initial Test:

- Reconnect the vehicle's negative battery terminal.
- Turn on the ignition and the aftermarket head unit.
- Test all steering wheel control buttons to ensure they function correctly with the new head unit.
- If buttons do not respond, refer to the Troubleshooting section.

6. Final Assembly:

Once all functions are verified, carefully reassemble the dashboard and secure the head unit in place.

5. OPERATING INSTRUCTIONS

Once installed and configured, the Phonocar 04069 interface operates automatically. Your vehicle's steering wheel controls will now send commands to your aftermarket head unit. The specific functions mapped to each button may vary slightly depending on your head unit's capabilities and configuration.

- **Volume Up/Down:** Adjusts the audio volume.
- **Track Up/Down:** Skips to the next or previous track/station.
- **Mode/Source:** Cycles through available audio sources (e.g., Radio, USB, Bluetooth).
- **Answer/End Call:** For head units with Bluetooth hands-free calling.

Refer to your aftermarket head unit's manual for specific button assignments and customization options.

6. MAINTENANCE

The Phonocar 04069 steering wheel control interface is a solid-state electronic device and requires minimal maintenance. Ensure that all wiring connections remain secure and free from moisture or excessive vibration. No user-serviceable parts are inside the module.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Steering wheel controls do not work.	Incorrect wiring connections.	Double-check all wiring connections against the installation instructions.
	Head unit not configured for SWC.	Refer to your head unit's manual for SWC setup and programming.
	Interface module not receiving power.	Verify constant and ignition power connections to the interface.
	Incompatible head unit or vehicle.	Confirm compatibility of the interface with your specific head unit and vehicle model.
Only some buttons work.	Partial wiring issue.	Inspect SWC wiring for loose connections.
	Head unit programming incomplete.	Re-program or re-map the steering wheel controls through your head unit's settings.
Interface module gets hot.	Short circuit. Overload.	Immediately disconnect power. Check all wiring for shorts. Consult a professional.

8. SPECIFICATIONS

- **Model Number:** 04069
- **Brand:** Phonocar
- **Compatibility:** Jeep Renegade (2015+), Fiat 500X
- **Function:** Steering Wheel Control Interface
- **Manufacturer:** Phonocar

9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation provided with your purchase or visit the official Phonocar website. Keep your proof of purchase for warranty claims.

Phonocar is not responsible for damages caused by improper installation or misuse of this product.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question