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> caramco Wireless CarPlay & Android Auto Module User Manual for Infiniti QX70, G35, G37, EX, FX Series

caramco 06978344350058

caramco Wireless CarPlay & Android Auto Module User Manual

Model: 06978344350058

Compatible with Infiniti QX70, G35, G37, EX30, EX35, EX37, FX35, FX37, FX50

1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and troubleshooting of your caramco Wireless CarPlay & Android Auto Module. This module integrates advanced smartphone connectivity into your compatible Infiniti vehicle, enhancing your driving experience with navigation, communication, and entertainment features.

Key Features:

- **Smart Wireless Integration:** Seamless Wireless CarPlay & Android Auto for real-time navigation, hands-free messaging, and streaming music.
- **Dual-System Operation:** Retains 100% access to your factory system. Switch between systems by holding the 'Back' button for 2 seconds.
- **Native Vehicle Integration:** Maintains full OEM protocol compatibility, ensuring all built-in controls (steering wheel, knob, touch) function correctly.
- **Dual-Band Wireless Stability:** 5GHz WiFi + original car Bluetooth for stable connectivity without lag or dropouts.
- **Bluetooth Audio:** Streams media directly through your car's factory Bluetooth system for superior sound quality compared to AUX-only solutions.
- **Camera Compatibility:** Supports both factory-installed rear/360 cameras and aftermarket cameras.

2. COMPATIBILITY

It is crucial to verify your vehicle's compatibility before installation. This module is compatible with **parts of Infiniti models**, not all. Infiniti models, such as the G37, can have multiple screen versions, with approximately 50% being incompatible with this module.

Compatibility Check:

To ensure compatibility, please examine your car's screen settings. The module is compatible if your 'Settings' menu **does**

not display a specific icon (often resembling a small screen or monitor) next to the 'Settings' option. If this icon is present, the module may not work.

Ensure Compatibility with Your Vehicle

X no work



in "Setting"
with this icon



✓ can work



in "Setting"
without this icon

Image 2.1: Visual guide for checking screen compatibility. The right image shows a compatible screen (no icon next to 'Settings'), while the left image shows an incompatible screen (icon present).

IMPORTANT COMPATIBILITY NOTICE

1. Not for all Infiniti models! Example: Your G37 may look identical to others , but it has multiple versions. 50% of G37 screens are INCOMPATIBLE — our module may not work or could cause issues.

2. We truly don't want you to have problems! Some buyers accidentally ordered the wrong version because they skipped the comparison images. Save time & avoid frustration — PLEASE check the comparison picture BEFORE buying!

3. Send me a picture of your screen "setting" UI picture before placing the order! Ensure it fits your Infiniti 100%! Avoid unnecessary disassembly and save your time!

Image 2.2: Important notice highlighting that not all Infiniti models are compatible and advising users to check their screen's UI before purchase.

It is highly recommended to send a picture of your car's screen 'Settings' UI to customer support before placing an order to confirm 100% fitment and avoid unnecessary disassembly.

3. PACKAGE CONTENTS

Please verify that all the following components are included in your package:

- CarPlay & Android Auto Module
- Power Cable
- Video Cable (LVDS)
- USB/Camera Cable
- Screen Motherboard (if applicable)
- AUX Cable
- Antenna

Package Accessories

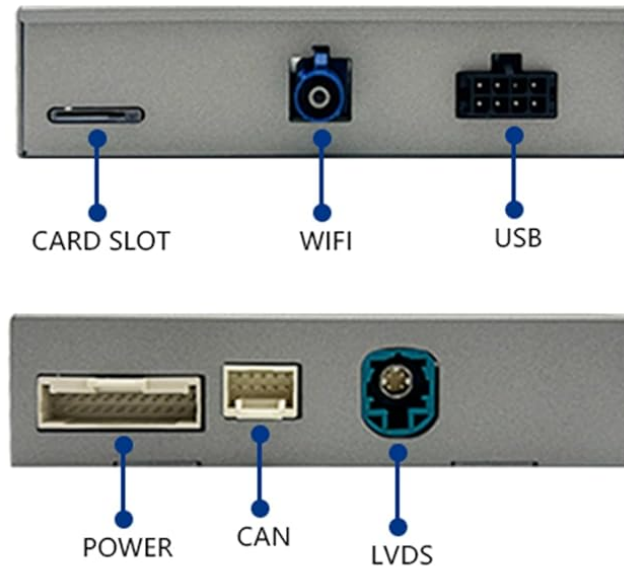
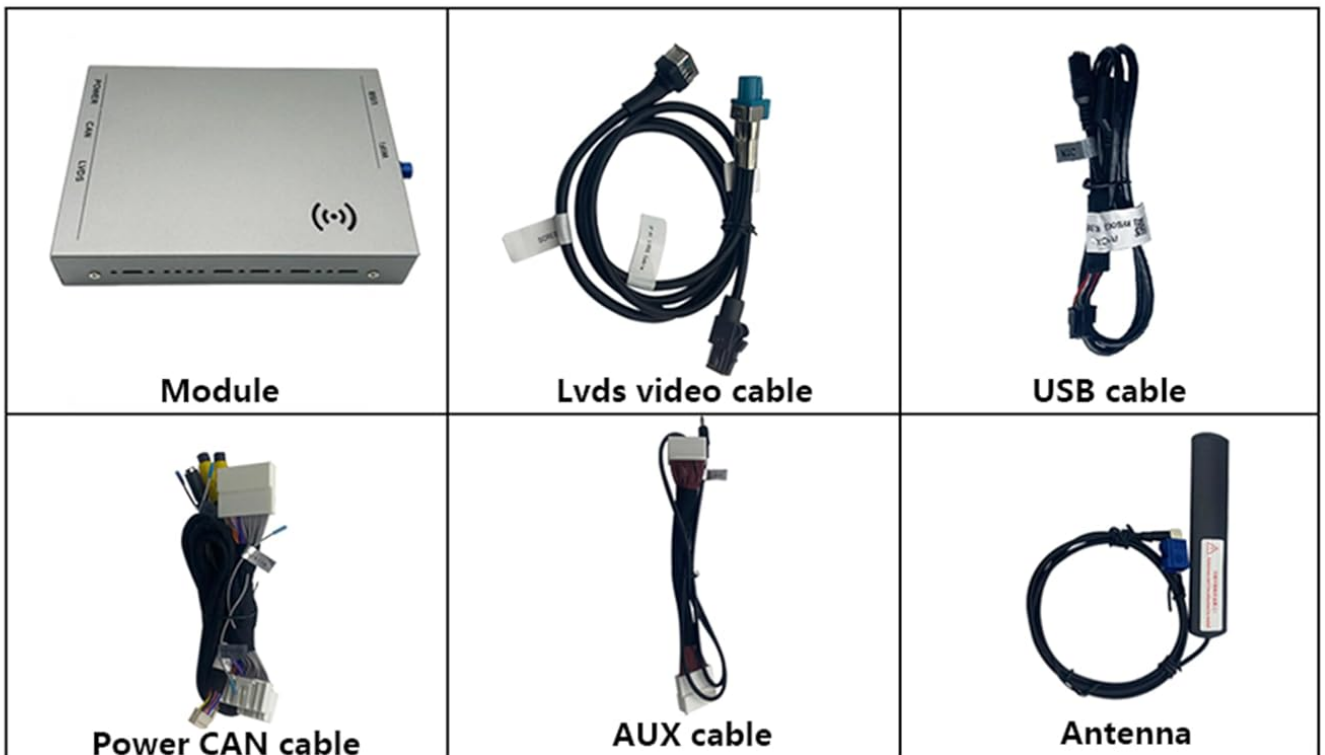


Image 3.1: Visual representation of the module and all included cables and accessories.

4. INSTALLATION GUIDE

The caramco Wireless CarPlay & Android Auto Module is designed for a plug-and-play installation. Basic automotive knowledge and tools are recommended. If you are unsure about any steps, please consult a professional installer.

General Installation Steps:

1. **Prepare the Vehicle:** Ensure the vehicle is turned off and the battery is disconnected for safety.
2. **Access the Factory Radio Unit:** Carefully remove the necessary trim panels and components to access the back of your car's factory radio unit.
3. **Connect the Module:** Follow the provided wiring diagram to connect the module to the factory radio unit and other

necessary vehicle systems. This typically involves connecting the power cable, video cable (LVDS), and USB/camera cable.

4. **Route Cables:** Route all cables neatly to avoid interference and ensure they are not pinched.
5. **Secure the Module:** Find a suitable location to tuck away and secure the module.
6. **Test Functionality:** Reconnect the battery and test the module's functionality before reassembling the dashboard.
7. **Reassemble:** Carefully reassemble all removed components and trim panels.



Image 4.1: The caramco module shown alongside an Infiniti dashboard with CarPlay interface displayed, illustrating the integrated appearance.

5. OPERATING INSTRUCTIONS

Switching Between Systems:

Your factory infotainment system remains fully accessible. To switch from the factory system to the CarPlay/Android Auto interface, press and hold the 'Back' button on your car's controls for approximately 2 seconds.

Wireless CarPlay & Android Auto:

Once installed, the module provides wireless connectivity for both Apple CarPlay and Android Auto. Connect your smartphone via Bluetooth and Wi-Fi to mirror your phone's interface onto your car's display.



Wireless CarPlay



Wireless Android auto



Image 5.1: Comparison of the Wireless CarPlay and Wireless Android Auto interfaces displayed on the vehicle's screen, with smartphones demonstrating the connection.

Controls and Integration:

The module is designed to integrate seamlessly with your vehicle's existing controls:

- **Steering Wheel Controls:** Use your steering wheel buttons for volume, track skipping, and voice commands.
- **Control Knob/Joystick:** Navigate the CarPlay/Android Auto interface using the factory control knob.
- **Touchscreen:** If your vehicle has a touchscreen, it will function with the new interface.
- **Original Camera Systems:** Your factory rear camera and 360-degree camera systems will continue to function as before.

Works with - Knob, Touchscreen
Steering Wheel

Keep Your Original 360 Camera
-Use It as Always



Image 5.2: Demonstrates the continued functionality of the vehicle's control knob, touchscreen, steering wheel controls, and original 360-degree camera system with the integrated module.

Audio and Microphone:

- **Original Microphone:** The module utilizes your car's original microphone for calls and voice commands, eliminating the need for an external mic.
- **Bluetooth Audio:** Audio is streamed through your car's factory Bluetooth system, providing superior sound quality compared to traditional AUX connections.



**Use Your Original Mic
-No External Mic Needed**

**Original Bluetooth Audio
-Better Sound Than AUX**



Image 5.3: Illustrates the use of the original car microphone for calls and the superior audio quality achieved through the original Bluetooth system.

6. TROUBLESHOOTING

Airbag Warning Light Flash After Installation:

If the airbag warning light flashes after installation, this can often be resolved with a simple reset procedure. This procedure involves operating the ignition button without pressing the brake pedal or starting the engine.

Airbag warning light flash after installation?

Core Action: Operate the ignition button without pressing the brake pedal or starting the engine.

Steps:

1. Press ignition button: Turn on electrical system (dashboard lights illuminate, including airbag light) → Immediately turn off.
2. Press again: Turn on → Immediately turn off.
3. Press third time: Turn on → Immediately turn off.
4. Press fourth time: Turn on → Airbag light extinguishes after self-check (reset complete).

⚠ Key Notes:

- Complete each step within 1-2 seconds of lights turning on/off.

If light persists:

Contact support for a video demonstration or professional diagnosis

Image 6.1: Detailed steps for resetting the airbag warning light after module installation.

Reset Steps:

1. **First Press:** Press the ignition button to turn on the electrical system (dashboard lights illuminate, including the airbag light). Immediately turn it off.
2. **Second Press:** Press the ignition button again to turn on the electrical system. Immediately turn it off.
3. **Third Press:** Press the ignition button a third time to turn on the electrical system. Immediately turn it off.
4. **Fourth Press:** Press the ignition button a fourth time to turn on the electrical system. The airbag light should extinguish after a self-check, indicating the reset is complete.

Key Notes: Complete each step within 1-2 seconds of the lights turning on/off. If the light persists after following these steps, please contact customer support for further assistance, including video demonstrations or professional diagnosis.

Other Issues:

- **No Power/No Display:** Check all power connections to ensure they are secure. Verify the vehicle's battery is properly connected.
- **Connectivity Issues (Bluetooth/Wi-Fi):** Ensure your smartphone's Bluetooth and Wi-Fi are enabled. Try restarting both the module (by turning off and on the car) and your phone.
- **Audio Problems:** Confirm that the AUX cable (if used) or Bluetooth audio settings are correctly configured in your car's factory system.

- **Controls Not Responding:** Double-check all cable connections, especially the LVDS cable. Ensure the module is correctly integrated with the OEM protocol.

7. SPECIFICATIONS

Feature	Detail
Brand	caramco
Model Number	06978344350058
Connectivity Technology	Bluetooth, Wi-Fi (5GHz)
Controller Type	iOS, Android (via car's original controls)
Compatible Devices	Smartphones (Apple iOS, Android)
Connector Type	3.5mm Jack, RCA, USB
Audio Output Mode	Stereo, Surround
Surround Sound Channel Configuration	4.0
Number of Channels	4
Item Weight	2 pounds
Package Dimensions	9.8 x 5.1 x 3.9 inches

8. SUPPORT & WARRANTY

For technical support, troubleshooting assistance, or warranty inquiries, please contact caramco customer service through the retailer's platform or the contact information provided with your purchase. Please have your model number and purchase details ready when contacting support.

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