

[Manuals.plus](#) /

› [caramco](#) /

› caramco Wireless CarPlay & Android Auto Module User Manual for Infiniti Q50 (2015.5-2019.12)

caramco 15infiniti

caramco Wireless CarPlay & Android Auto Module User Manual

Model: 15infiniti | Compatible with Infiniti Q50 (2015.5-2019.12)

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your caramco Wireless CarPlay & Android Auto Module. This module is designed to integrate seamlessly with your Infiniti Q50's existing display, offering enhanced connectivity without replacing your factory system. It enables wireless Apple CarPlay and Android Auto functionality, allowing you to access navigation, music, and communication apps directly on your car's screen.

COMPATIBILITY

This module is exclusively compatible with **Infiniti Q50 models manufactured between 2015.5 and 2019.12**. It is designed for vehicles featuring a CarPlay display on the upper screen. **It is not suitable for Q50 models from 2013-2015.4.** This is a Linux-based system and does not support Google Play or direct app downloads. Video apps are not supported by CarPlay or Android Auto.

Compatibel Model List

MODEL	SYSTEM	YEAR
Q50	DENSO	2015.5-2019.12

Can work with your car?



2015.5-2019.12



ONLY work with
Q50 2015.5-2019.12



2013-2015.4



NOT work with
earlier Q50

Image: Compatibility chart for Infiniti Q50 models.

WHAT'S IN THE BOX

Please ensure all the following components are present in your package:

- CarPlay/Android Auto Module
- Power Canbus Cable
- AUX Cable
- LVDS Video Cable
- WIFI Antenna
- USB Cable
- Installation Manual
- Screen Motherboard

Product Accessories



Power/Canbus USB

Video in Video out



Dial switch

TF card slot (future upgrade only)



Module



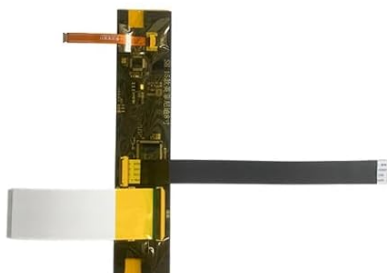
USB cable



Power/Canbus cable



Manual



Screen motherboard



Video cable

Image: All components included in the product package.

SETUP AND INSTALLATION

The caramco module features a 100% plug-and-play design with dedicated connectors, eliminating the need for wire cutting or splicing. However, some technical proficiency is recommended for DIY installation.

Important Installation Notes:

- **Hybrid Model Battery Warning:** For Infiniti Q50 Hybrid models, the battery capacity is smaller. If the installation process exceeds one hour, connect the car battery to an external power source (charger or maintainer) in parallel to prevent complete battery drain.
- **CAN Bus Activation:** Keep the driver's door open during installation. This ensures the car's CAN Bus remains active and properly recognizes the module, preventing sensor malfunctions. If issues occur, perform a system reset by disconnecting the negative battery terminal for approximately 20 minutes, then restart the process.
- **Check Physical Connections:** Thoroughly check all cable connections. Loose or improperly connected cables can lead to issues such as a white screen or screens with colored lines.

Installation Videos:

Your browser does not support the video tag.

Video: Detailed guide on how to install the INFINITI Q50 display motherboard, a key step in the module installation.

Your browser does not support the video tag.

Video: General installation and operation overview for the CarPlay/Android Auto module.

OPERATING INSTRUCTIONS

Wireless CarPlay & Android Auto

The module provides seamless wireless connectivity for both Apple CarPlay and Android Auto. Once connected, your smartphone's compatible apps will mirror directly to your car's display, offering navigation, hands-free messaging, and music streaming.



Wireless CarPlay



Wireless Android auto



Image: Wireless CarPlay and Android Auto interfaces displayed on the car screen.

Dual-System Operation

Your factory system remains fully accessible. To switch between the CarPlay/Android Auto interface and your original Infiniti system, hold the 'Back' button for 3 seconds.

Audio and Microphone

The module utilizes your car's factory microphone for calls and voice commands, requiring no external microphone. For audio, it streams media directly through your car's factory Bluetooth system, providing superior sound quality compared to AUX-only solutions.



**Use Car factory Mic
-No External Mic Needed**



**Use Factory BT Audio
-Better Sound Than AUX**



Image: Demonstrating factory microphone and Bluetooth audio integration.

How to Get CarPlay/Android Auto Sound:

1. Ensure your phone's Bluetooth is on.
2. Enter CarPlay/Android Auto on the device. Your phone's Bluetooth will automatically disconnect from the car.
3. Your phone's Bluetooth will then reconnect to the car's Bluetooth.
4. Set Bluetooth as the audio source in your car's audio settings.

Note: Ensure both your phone and car's Bluetooth are turned on and discoverable. Some car models may require manual switching of the audio source to Bluetooth.

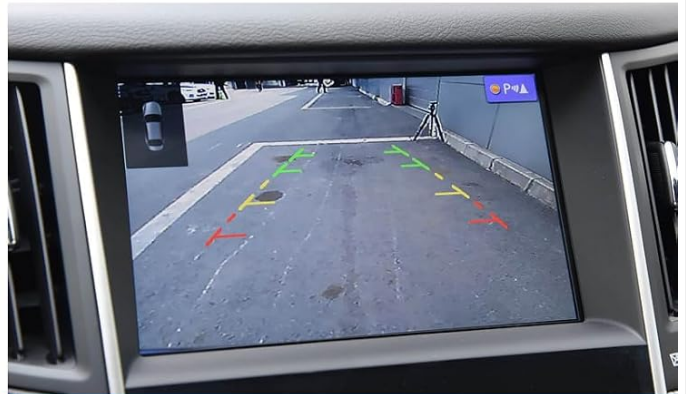
Native Vehicle Integration

The module maintains full compatibility with your vehicle's OEM protocol, ensuring all original controls, including steering wheel buttons, control knob, and touchscreen, function correctly within the CarPlay/Android Auto interface.

Preserves OEM Functions



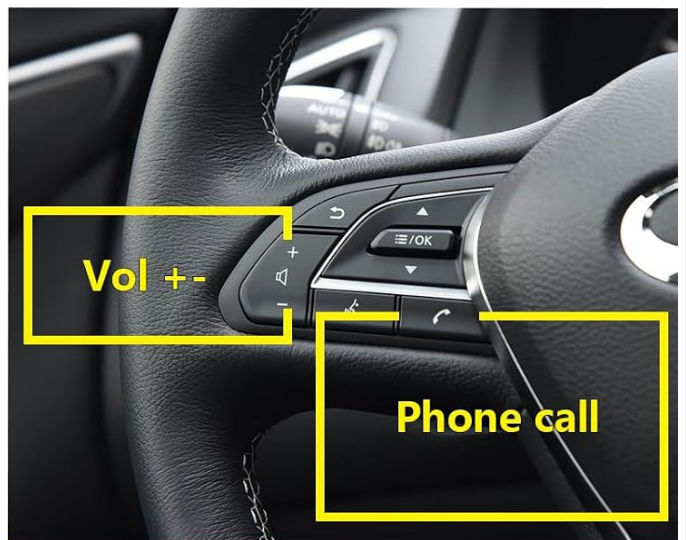
Touchscreen



Camera



Knob



Steering wheel

Image: Preservation of OEM functions including touchscreen, camera, knob, and steering wheel controls.

Camera Compatibility

The module is compatible with both factory-installed rear/360 cameras and aftermarket cameras, offering versatile installation options.

Functionality Notice

This device does **NOT** support MirrorLink, Google Voice Assistant, or external USB playback.

Keep OEM screen (no replacement)

No video apps on CarPlay/AA(safety)

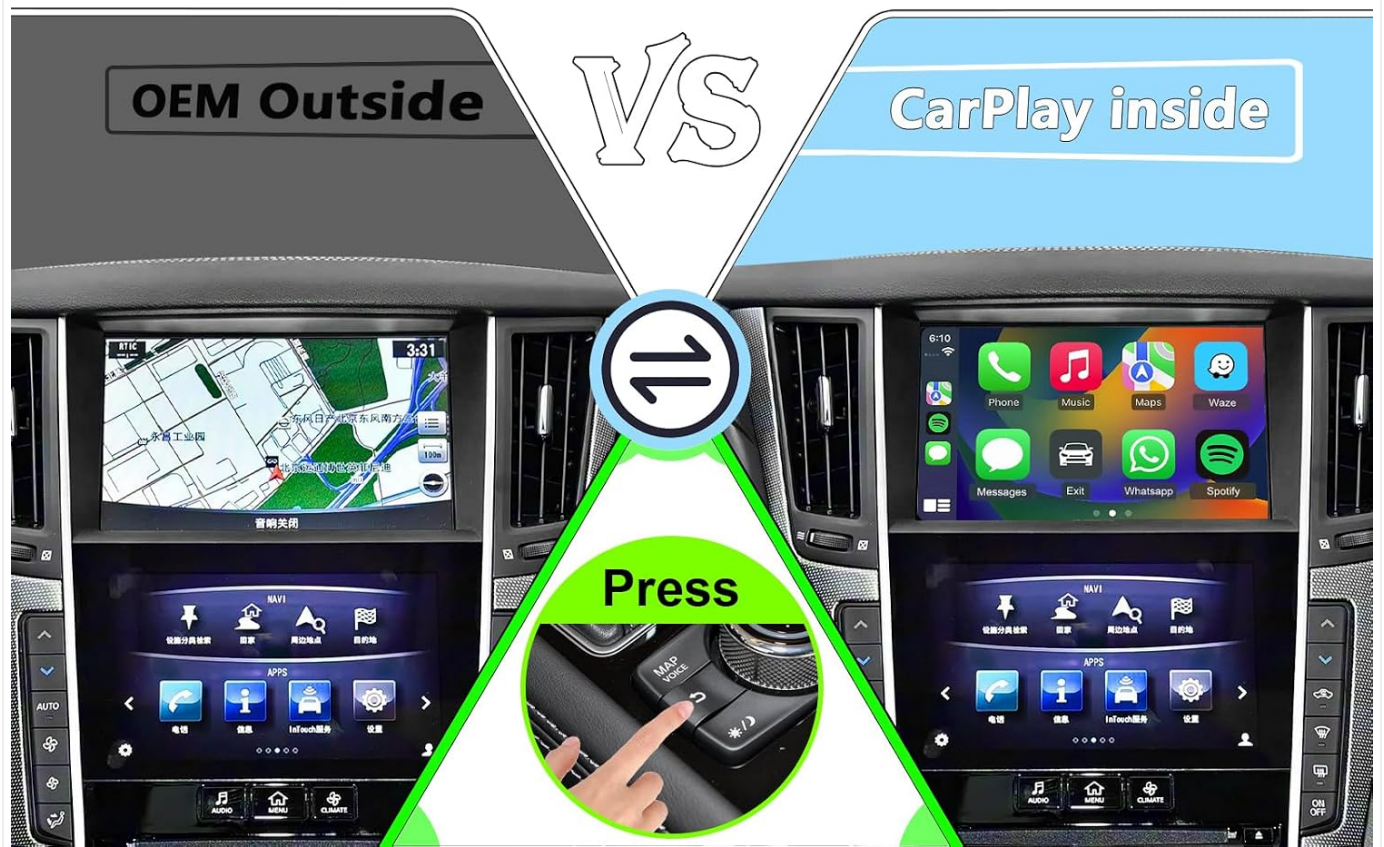


Image: Comparison of OEM screen and CarPlay interface, highlighting the switch function.

Operation Video:

Your browser does not support the video tag.

Video: Demonstration of how the CarPlay/Android Auto module is used in a vehicle.

MAINTENANCE

To ensure the longevity and optimal performance of your module, follow these general maintenance guidelines:

- Keep the module and connections clean and free from dust or debris.
- Avoid exposing the module to extreme temperatures or direct sunlight for prolonged periods.
- Do not attempt to open or modify the module, as this may void the warranty and cause damage.

TROUBLESHOOTING

If you encounter issues with your caramco module, please refer to the following common solutions:

- **Connection Issues:** If CarPlay or Android Auto fails to connect, try restarting both your smartphone and the module. Ensure Wi-Fi and Bluetooth are enabled on your phone.
- **Audio Problems:** If there is no sound or poor sound quality, verify that Bluetooth is selected as the audio source in your car's infotainment system. Check that your phone's Bluetooth is connected to the car.
- **Display Issues (White Screen/Colored Lines):** These symptoms often indicate a loose or improperly connected video cable or screen motherboard. Recheck all physical connections as detailed in the installation section.
- **System Lag or Unresponsiveness:** Ensure your phone's operating system is up to date. If the system occasionally stops working or is laggy, try restarting the module and your phone.
- **Voice Call Assistant Configuration:** If you experience issues with voice call functionality in both CarPlay/Android Auto and the original Infiniti system, ensure all Bluetooth settings are correctly configured on both your phone and the car's system.

SPECIFICATIONS

Brand	caramco
Model Number	15infiniti
Connectivity Technology	Bluetooth 5.0, Wi-Fi 5GHz & 2.4GHz
Compatible Devices	Smartphone Android 12+ and iOS 12+
Special Features	Wireless Android Auto, Wireless Apple CarPlay
Control Method	Touch, Steering Wheel, Knob
Audio Output Mode	Bluetooth, Auxiliary
Video Encoding	H.264, H.265/HEVC
Color	Black

WARRANTY

This product is covered by a **1-Year Manufacturer Warranty** from the date of purchase. Please retain your proof of purchase for warranty claims.

SUPPORT

For technical assistance or any questions regarding your caramco Wireless CarPlay & Android Auto Module, please contact our customer support team. We aim to respond to all inquiries within 24 hours. Contact information can typically be found on the product packaging or the seller's page where you purchased the item.

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