JOYEAUTO Wireless CarPlay Android Auto Retrofit Decoder

JOYEAUTO Wireless CarPlay Android Auto Retrofit Decoder User Manual

Brand: JOYEAUTO | **Model:** Wireless CarPlay Android Auto Retrofit Decoder

1. Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your JOYEAUTO Wireless CarPlay Android Auto Retrofit Decoder. This module is designed to integrate seamlessly with your vehicle's existing infotainment system, offering enhanced connectivity and smart features.

2. Compatible Models

This retrofit decoder is compatible with the following Infiniti models and years:

- Infiniti QX70 Q70 Low (2017-2019MY)
- Infiniti G35 FX35 FX50 (2009-2012MY)
- Infiniti EX25 EX35 (2010-2013)

Note: This is a CarPlay modification kit, not an Android radio replacement. Please confirm your car model and year with customer service before ordering to ensure compatibility.

3. Package Contents

The package includes:

- 1 x CarPlay Module

4. Key Features

- **Smart Wireless Integration:** Seamless Wireless CarPlay & Android Auto for real-time navigation, hands-free messaging, and music streaming.

- **Dual-Band Wireless Stability:** 5GHz WiFi + original car Bluetooth for stable connectivity without lag or interference.
- **Original Car Control:** Maintains full OEM protocol compatibility, allowing perfect function of built-in controls (steering wheel, knob, touch).
- **Siri Voice Control:** Use voice commands for navigation, calls, music, and more.
- **EQ Adjustable:** Customize audio quality with various styles (Pop, Rock, Soft, Standard).
- **Camera Compatibility:** Compatible with both factory-installed rear/360 cameras and aftermarket cameras.
- **Mirrorlink Support:** Mirror your smartphone screen directly to your car's display via wired connection.
- **USB Play:** Play media directly from a USB device.

5. Installation

Installation of the CarPlay module requires technical expertise. It is recommended to seek assistance from a specialist or contact JOYEAUTO customer service for guidance if you are not confident in performing the installation yourself.
The module integrates with your existing car display and controls, ensuring a factory-like experience.



Image 1: Infiniti car interior with the CarPlay interface displayed on the infotainment screen. The image highlights the original knob controls and touch screen functionality.

6. Operating Instructions

6.1 Switching Between Systems

To switch to the CarPlay/Android Auto interface, long-press the "BACK" button on your vehicle's original controls. To return to the original car system, press the "BACK" button again.

6.2 Navigation and Media

Once connected, you can use your car's touch screen or original knob controls to navigate through applications like Google Maps, play online music, and access other smartphone features.



Image 2: CarPlay interface displaying music playback, utilizing the vehicle's factory Bluetooth for audio output.

6.3 Voice Control

Activate Siri Voice Control by saying "Hey Siri" to manage navigation, make phone calls, play music, and more, keeping your focus on the road.



Image 3: Visual representation of Siri Voice Control functionality, showing examples of commands like "Navigate to the hotel" or "Play 'Later'".

6.4 Mirror-Linking

The module supports Mirror-linking for both Apple and Android phones, allowing you to display your smartphone screen on the car's display via a wired connection.



Image 4: The Mirror-linking feature in action, displaying content from a mobile phone onto the car's infotainment screen.

6.5 Camera Integration

The system is compatible with your vehicle's factory reverse and 360-degree cameras. Aftermarket cameras can also be integrated.

Your browser does not support the video tag.

Video 1: Demonstration of Wireless Apple CarPlay integration in an Infiniti vehicle, showcasing OEM integration, touch screen controls, original button control, Google Maps, online music, factory camera compatibility, aftermarket camera addition, and switching back to the original system.

7. Settings and Customization

The module offers various settings to customize your experience. Access these settings through the 'Setup' icon on the main interface.



Image 5: The new custom user interface of the CarPlay module, displaying options for Bluetooth connectivity, general system settings, and display preferences.

7.1 System Settings

- **Language:** Select your preferred language.
- **Display:** Adjust brightness, saturation, and other display parameters.
- **Software Update:** Update system firmware (requires password).
- **System Version:** View current software and hardware versions.

7.2 Audio Settings

- **Volume Control:** Adjust overall volume, music volume, speech volume, and alert volume.
- **EQ:** Customize sound equalization (Pop, Rock, Soft, Standard).
- **Loudness:** Enable or disable loudness enhancement.
- **Active Aux:** Configure auxiliary input settings.

- **Microphone Settings:** Adjust microphone volume, operation, and delay.
- **AEC Auto Setup:** Automatic echo cancellation setup.

7.3 Reverse Camera Settings

- **Reverse Camera Type:** Select between 'Original' or 'Aftermarket'.
- **Reverse Line Detect:** Toggle dynamic parking lines.
- **Reverse Display Track:** Toggle parking track display.
- **Reverse Display Radar:** Toggle parking radar display.
- **Front Camera Type:** Select between 'Original' or 'Aftermarket'.
- **Front View Time:** Adjust the duration for front camera display.
- **Match 360 Display:** Enable or disable 360-degree camera matching.
- **Ignore 360 State:** Toggle ignoring 360-degree camera state.
- **Disable Park Key:** Toggle disabling the park key function.

7.4 CarPlay/Android Auto Settings

- **Screen Scrap:** Adjust left, right, top, and bottom screen margins.
- **Auto Dark Mode:** Toggle automatic dark mode.
- **Enable CarPlay U/D Key:** Enable or disable CarPlay up/down key control.
- **WiFi Channel:** Change WiFi channel (reboot required).
- **Enhanced WiFi Stability:** Toggle enhanced WiFi stability.
- **CarPlay Optimization:** Select optimization level (Normal).
- **Right Drive:** Toggle for right-hand drive vehicles.
- **Reverse Camera Mirror:** Toggle mirroring for reverse camera.
- **Front Camera Mirror:** Toggle mirroring for front camera.
- **Use Car's BT Channel:** Toggle using the car's Bluetooth channel.
- **Using Car's BT Phone:** Toggle using the car's Bluetooth phone function.
- **Fix Previous/Next Keys:** Toggle fixing previous/next key functionality.
- **Airplay Matching High iOS:** Toggle for Airplay compatibility with high iOS versions.
- **YouTube Show On Menu:** Toggle YouTube icon display on the main menu.
- **Change Left/Right Key Control:** Toggle left/right key control.
- **Factory Reset:** Reset all settings to factory defaults.

8. Troubleshooting

If you encounter any issues, please refer to the following general troubleshooting steps:

- Ensure all connections are secure and correctly installed.
- Verify your smartphone's Bluetooth and Wi-Fi are enabled and correctly paired with the module.
- Check the module's settings for any misconfigurations, especially related to WiFi channels or display options.
- Perform a system reboot or factory reset if issues persist after checking basic settings.
- For complex issues, contact JOYEAUTO technical support for assistance.

9. Specifications

- **Brand:** JOYEAUTO

- **Connectivity Technology:** Bluetooth
- **Special Feature:** Apple CarPlay, Android Auto, Mirrorlink

10. Warranty and Support

JOYEAUTO provides a 12-month product warranty for peace of mind. Our professional technical team is constantly innovating and is available to assist with any questions or installation concerns. If you require support, please contact us via email. We aim to reply quickly within 24 hours.

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.

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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