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› [JOYEAUTO Wireless CarPlay Retrofit Kit Decoder for Mercedes-Benz NTG5.0/5.2 User Manual](#)

JOYEAUTO NTG5.0/5.2 Retrofit Kit

JOYEAUTO Wireless CarPlay Retrofit Kit Decoder

USER MANUAL FOR MERCEDES-BENZ NTG5.0/5.2 SYSTEMS

1. Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your JOYEAUTO Wireless CarPlay Retrofit Kit Decoder. This device integrates advanced smartphone functionalities such as Wireless CarPlay, Android Auto, Mirror Link, and reverse camera support into your Mercedes-Benz vehicle's existing infotainment system. Please read this manual thoroughly before installation and use to ensure proper functionality and safety.

2. Product Overview

2.1 Package Contents

- 1 x CarPlay Module

Additional wiring harnesses and connectors are typically included with the kit but are not explicitly listed in the package contents. Please verify all components upon receipt.

2.2 Compatibility

This retrofit kit is compatible with Mercedes-Benz A, B, C, E, S, G, GLC, GLA, GLK Class vehicles manufactured between 2015 and 2018, equipped with NTG5.0, NTG5.1, or NTG5.2 infotainment systems.

Does this retrofit kit fit for my car?

Only fit for 2015-2018 Mercedes-Benz with NTG5.0/5.2
A B C E S G GL GLA GLC GLK ML CLA

Note:

Please confirm your car head unit is NTG5.0/5.2 when you buy.
If you can't make sure, get help from us firstly.



Image: Visual guide for identifying NTG5.0/5.2 systems in Mercedes-Benz vehicles. This image helps confirm if your car's head unit matches the compatible models.



Image: The JOYEAUTO CarPlay module shown alongside a Mercedes-Benz interior displaying the CarPlay interface. This illustrates the physical module and its integrated appearance within the vehicle.

3. Setup and Installation

Installation of the JOYEAUTO Wireless CarPlay Retrofit Kit Decoder requires technical expertise and familiarity with automotive electronics. Incorrect installation can lead to damage to the product or your vehicle. It is strongly recommended to seek assistance from a qualified professional for installation.

If you possess the necessary skills and choose to perform the installation yourself, please ensure you have access to detailed vehicle-specific wiring diagrams and follow all safety precautions. Disconnect the vehicle's battery before beginning any electrical work.

For detailed installation guidance or if you are unsure about the process, please contact our technical support team for assistance.

4. Operating Instructions

Once installed, the retrofit kit seamlessly integrates with your vehicle's existing controls. The system maintains full OEM protocol compatibility, allowing you to use your steering wheel controls, rotary knob, and original touch screen (if applicable) to navigate the new interface.

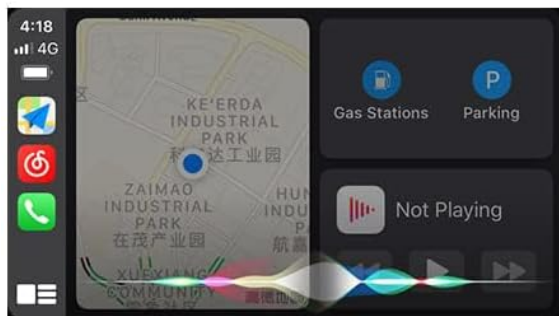
Wired/Wireless Carplay



Wired/Wireless Android auto



Siri Voice



Mirroring Link



USB Flash Play



Reverse image

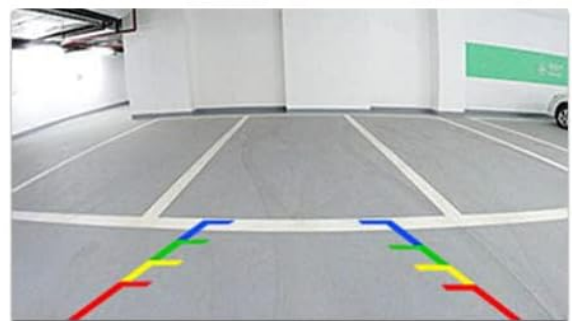


Image: A collage showcasing the various functionalities of the retrofit kit, including Wireless CarPlay, Android Auto, Siri Voice control, Mirror Link, USB media playback, and automatic reverse camera display.

4.1 Wireless CarPlay

Experience seamless integration of your iPhone with Wireless CarPlay. This feature allows you to access navigation, make calls, send messages, and enjoy your favorite music streaming apps directly on your car's display. The system supports full-screen CarPlay functionality.

Wired/Wireless CarPlay

Supports full screen CarPlay function for Apple Maps/
maps navigation/phone call/Spotify and other features



Image: The vehicle's infotainment screen displaying the Apple CarPlay interface, demonstrating its full-screen capability and app icons.

4.2 Android Auto

For Android users, the kit supports Android Auto. Connect your Android smartphone via a USB cable to access navigation, phone calls, online music, and other compatible applications on your car's screen.

Wired Android Auto

Use wired(USB cable) connect to use Android Auto system.
You can maps navigation,phone call,online music,etc...



Image: The vehicle's infotainment screen displaying the Android Auto interface, showing navigation and media apps, with a smartphone connected via USB.

4.3 Mirror Link

The Mirror Link function allows you to mirror your smartphone's screen (both Apple and Android) directly onto your car's display via a wired connection. This enables viewing of content such as YouTube videos, photos, and other HD videos.

Mirror-Linking

Mirror-linking for Apple and Android phones, enjoy lag-free mirror-linking via wired connection. All apps are compatible.



Image: The vehicle's infotainment screen mirroring a mobile game from a smartphone, demonstrating the Mirror Link feature.

4.4 Reverse Camera Support

The kit supports aftermarket, original, front, rear, and 360-degree cameras. When the vehicle is shifted into reverse, the camera feed will automatically display on the screen, complete with dynamic guidelines for easier parking.

4.5 Voice Control (Siri)

Utilize voice commands with "Hey Siri" to control navigation, make phone calls, play music, and perform other functions, allowing for hands-free operation while driving.

Voice Control by "Hey Siri"

Ask Siri to control navigation, make phone call, play music, guide to a position etc.

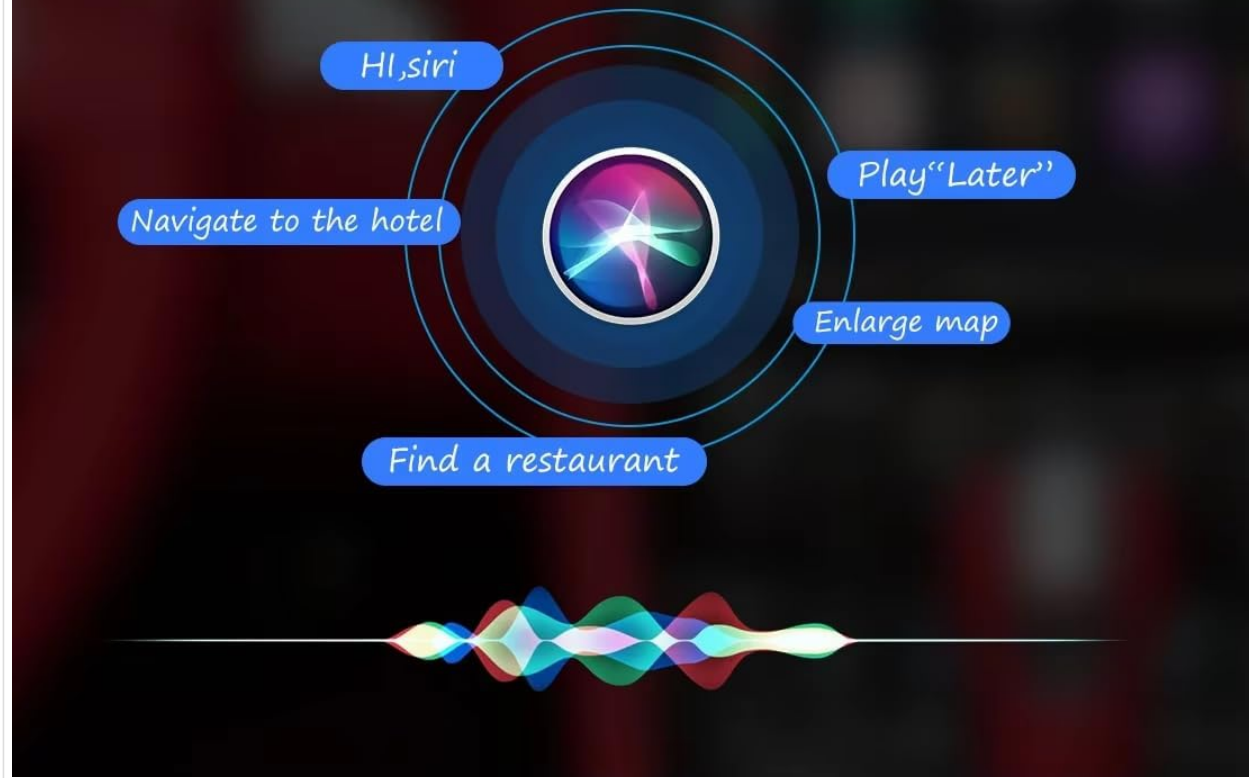


Image: A graphic demonstrating various voice commands for Siri, such as "Hi Siri," "Navigate to the hotel," "Find a restaurant," "Play 'Later'," and "Enlarge map."

4.6 Original Car Control Integration

The system is designed to work seamlessly with your car's original controls. Long press specific buttons on your steering wheel or use the joystick knob to switch between the original system and the CarPlay system, or to activate Siri.



Image: An illustration highlighting how to use the original steering wheel buttons and joystick knob to control the CarPlay system, including activating Siri and switching between systems.

4.7 Audio Quality

The system offers adjustable EQ settings, allowing you to customize the audio output to your preference (e.g., Pop, Rock, Soft, Standard).

5. Maintenance

The JOYEAUTO CarPlay module is designed for durability and requires minimal maintenance. To ensure optimal performance and longevity:

- Keep the module and connections dry. Avoid exposure to moisture or extreme temperatures.
- Periodically check all cable connections to ensure they are secure.
- Clean the unit gently with a dry, soft cloth. Do not use harsh chemicals or abrasive cleaners.

6. Troubleshooting

If you encounter issues with your JOYEAUTO Wireless CarPlay Retrofit Kit, consider the following basic troubleshooting steps:

- **No Power/No Display:** Check all power connections to the module and ensure the vehicle's ignition is on.
- **No CarPlay/Android Auto Connection:** Ensure your smartphone's Bluetooth and Wi-Fi are enabled (for Wireless CarPlay) or that the USB cable is securely connected (for Android Auto/Wired CarPlay). Try restarting your phone and the car's infotainment system.
- **Audio Issues:** Verify that the audio input source on your car's head unit is correctly selected (e.g., AUX). Check volume levels on both your phone and the car.
- **Intermittent Connectivity:** Ensure there are no strong electromagnetic interferences nearby. For Wireless CarPlay, ensure your phone is close to the module.

If problems persist after performing these steps, please contact JOYEAUTO technical support for further assistance.

7. Specifications

- **Brand:** JOYEAUTO
- **Model:** Wireless CarPlay Retrofit Kit Decoder (NTG5.0/5.2)
- **Connectivity Technology:** Bluetooth, 5GHz WiFi
- **Special Features:** Wireless Apple CarPlay, Android Auto, Mirror Link, Reverse Camera Support, Original Car Control Integration, EQ Adjustable Audio
- **Compatible Car Models:** Mercedes-Benz A/B/C/E/S/G/GLC/GLA/GLK Class (2015-2018) with NTG5.0, NTG5.1, or NTG5.2 systems

8. Warranty and Support

8.1 Product Warranty

The JOYEAUTO Wireless CarPlay Retrofit Kit Decoder comes with a 12-month product warranty from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use. Please retain your proof of purchase for warranty claims.

8.2 Technical Support

JOYEAUTO provides professional technical support. If you have any questions regarding installation, operation, or troubleshooting, please do not hesitate to contact our technical support team. We aim to reply quickly within 24 hours.

Contact: Please refer to the contact information provided with your product packaging or on the official JOYEAUTO website.