JOYEAUTO WJME-2-NTG4.5/4.7

JOYEAUTO Wireless CarPlay Retrofit Kit Decoder

Model: WJME-2-NTG4.5/4.7

Introduction

This user manual provides comprehensive instructions for the installation, operation, and maintenance of your JOYEAUTO Wireless CarPlay Retrofit Kit Decoder. This device is designed to integrate advanced smartphone functionalities like Wireless CarPlay, Wired Android Auto, MirrorLink, and camera support into compatible Mercedes-Benz vehicles, enhancing your driving experience with modern connectivity.

Please read this manual thoroughly before installation and use to ensure proper functionality and to avoid any potential issues.

Compatibility and Important Notes

Before purchasing or installing, it is crucial to confirm that your vehicle's system is NTG4.5 or NTG4.7. This CarPlay Retrofit Kit Decoder is compatible with the following Mercedes-Benz models manufactured between 2012 and 2014:

- A-Class (W176)
- B-Class (W246)
- C-Class (W204)
- E-Class (C207)
- GLK-Class (X204)
- GLA-Class (X156)
- ML-Class (W166)
- SLK-Class (R170)
- GL-Class (X166)
- G-Class (G463)

This kit is **not** compatible with NTG4.0 systems. If you are unsure about your system version, please consult a specialist or contact JOYEAUTO support for verification.



Support Models:

Models	Chassis	MY	Functions
A	W176	2012–2014	1.Wireless Apple CarPlay 2.Wired Apple CarPlay 3.iOS AirPlay 4.Android Auto 5.Android Mirroring 6.USB flash Play 7.Support Reverse /Front Camera
B	W246	2011–2014	
C	W204	2011–2014	
E	C207	2011–2014	
G	G463	2012–2014	
GL	X166	2012–2014	
ML	W166	2011–2014	
GLA	X156	2013–2015	
GLK	X204	2011–2014	
SLK	R170	2012–2014	

This box is for Mercedes NTG4.5/4.7 head unite.Check if your car model in above list, and comfirm the control panel is one of the two types on left.

Image: Mercedes-Benz head unit examples and a table detailing compatible models, chassis codes, model years, and supported functions for the NTG4.5/4.7 system.

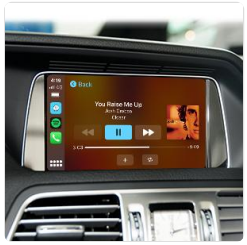
Key Features

Wireless/Wired CarPlay

Enjoy full-screen CarPlay functionality for Apple Maps, navigation, phone calls, and music streaming via Spotify or Apple Music. The built-in microphone supports Siri voice commands and Bluetooth calls, allowing for a seamless and interactive driving experience.



CarPlay Navigation



CarPlay Music

Android Auto

Connect your Android device via a wired USB connection to access Android Auto. This allows for navigation, phone

calls, and online music playback. Make calls, check messages, reply, and use your favorite music apps while on the go, all displayed on your car's screen.



Android Auto Interface

Camera & Wired Mirror Link

The system supports aftermarket and original cameras, including front, rear, and 360-degree views. Dynamic guidelines are supported for easier parking. The camera automatically activates when reverse gear is engaged. Additionally, Airplay (for iPhone) and Mirror Link (for Android) allow you to display content like YouTube videos, photos, and HD videos from your smartphone directly on the car's screen.



Rearview Camera Display



MirrorLink/Airplay

USB Media Playback

The system supports playback of media files from a USB drive, allowing you to enjoy your favorite videos and music directly through the car's display.



USB Drive for Media

Installation Guide

The installation of the JOYEAUTO Wireless CarPlay Retrofit Kit Decoder requires technical knowledge and careful handling of vehicle electronics. It involves connecting the decoder between the head unit and the car's display.

For detailed step-by-step installation instructions, please scan the QR code provided on the product packaging. This QR code links to an official installation video guide.

Important: If you are not confident in performing the installation yourself, it is highly recommended to seek assistance from a qualified professional or car audio specialist. Improper installation can potentially damage the original vehicle wiring or affect your car's warranty. Ensure all functions are tested thoroughly before finalizing the installation.



Image: The JOYEAUTO CarPlay Retrofit Kit decoder unit, a smartphone displaying the CarPlay interface, and the product packaging, illustrating the product and its primary function.

Operating Instructions

Once installed, the JOYEAUTO Retrofit Kit integrates seamlessly with your vehicle's existing controls. You can switch between the original Mercedes-Benz system and the CarPlay/Android Auto interface using specific button presses.

- **Switching Systems:** Long press the "Back" button on your car's control panel to switch to the CarPlay/Android Auto interface. A short press will return you to the previous screen within the CarPlay/Android Auto system.
- **Navigation and Selection:** Use the joystick knob controller on your center console to navigate through menus and select options within CarPlay or Android Auto.
- **Voice Control (Siri/Google Assistant):** Press the "C" button (or equivalent voice command button) on your control panel to activate Siri or Google Assistant for voice commands.
- **Music Control:** Use the joystick knob to skip to the next or previous song.
- **Integrated Controls:** Your existing steering wheel controls for volume, track skipping, and call handling will generally function with the integrated system.



Image: A view of a Mercedes-Benz car interior, highlighting the central joystick knob and steering wheel controls, indicating their functions for navigating and controlling the CarPlay system.

Maintenance

The JOYEAUTO Retrofit Kit is designed for durability and requires minimal maintenance. Follow these general guidelines to ensure its longevity:

- **Cleaning:** Use a soft, dry cloth to clean the unit and surrounding areas. Avoid abrasive cleaners or solvents.
- **Temperature:** Operate the device within standard automotive temperature ranges. Avoid extreme heat or cold.

- **Connections:** Ensure all cables and connections remain secure. Avoid pulling on cables forcefully.
- **Software Updates:** Check the JOYEAUTO official website periodically for any available firmware updates to ensure optimal performance and compatibility.

Troubleshooting

If you encounter issues with your JOYEAUTO Wireless CarPlay Retrofit Kit, please refer to the following common problems and solutions:

- **No Sound or Poor Sound Quality:**
  - Ensure the AUX input is correctly selected on your car's original head unit. The system typically routes audio through the AUX channel.
  - Check all audio cable connections between the decoder and the car's system.
  - Adjust volume levels on both your car's system and the connected smartphone.
- **Microphone Not Working for Siri/Calls:**
  - Verify that the microphone is properly connected to the decoder unit.
  - Check privacy settings on your smartphone to ensure microphone access is granted to CarPlay/Android Auto.
  - Ensure the car's original microphone is functioning correctly, as the system utilizes it.
- **Rearview Camera Not Displaying:**
  - Confirm that the camera input cable is securely connected to the decoder.
  - Check the camera settings within the decoder's engineering menu (if accessible) to ensure it's enabled.
  - Verify the camera itself is powered and functioning.
- **System Freezes or Unresponsive:**
  - Try restarting your car (turn off ignition, wait 30 seconds, then restart).
  - Disconnect and reconnect your smartphone.
  - Ensure your smartphone's operating system and the CarPlay/Android Auto app are up to date.
- **Display Issues (e.g., stretched image):**
  - Check the DIP switch settings on the decoder unit, as these often control display resolution and aspect ratio. Refer to the installation video for correct settings.
  - Ensure your car's screen resolution is correctly detected by the decoder.

If these steps do not resolve the issue, please contact JOYEAUTO customer support for further assistance.

Product Specifications

Brand	JOYEAUTO
Model Number	0761325994039 (WJME-2-NTG4.5/4.7)

Connectivity Technology	USB
Controller Type	Android (refers to Android Auto compatibility)
Special Features	Wireless CarPlay, Android Auto, MirrorLink, Siri, Bluetooth Call, Spotify, YouTube
Compatible Devices	Smartphone
Total HDMI Ports	1
Connector Type	USB Type A
Audio Output Mode	Stereo
Surround Sound Channel Configuration	5.1
Country of Origin	China

Warranty and Support

JOYEAUTO products are designed for reliability and performance. For specific warranty information, please refer to the documentation included with your product or visit the official JOYEAUTO website.

If you require technical assistance, have questions about installation, or need support for any issues not covered in this manual, please contact JOYEAUTO customer service. Contact details can typically be found on the product packaging or the official JOYEAUTO website.

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