

ZTUZAUTO NTG4.5/4.7

ZTUZAUTO Wireless Carplay Android Auto Adapter for Mercedes Benz NTG4.5/4.7 C Class W204 (2011-2013) Instruction Manual

1. PRODUCT OVERVIEW

The ZTUZAUTO Wireless Carplay Android Auto Adapter is a retrofit kit designed to integrate advanced smartphone connectivity into compatible Mercedes Benz vehicles. This module enables wireless Apple Carplay and Android Auto functionality, along with features like Mirrorlink, YouTube support, and reverse camera integration, enhancing the in-car infotainment experience while retaining original vehicle functions.



Image: The ZTUZAUTO Wireless Carplay Android Auto Adapter module shown above a Mercedes Benz dashboard displaying the Carplay interface.

2. PACKAGE CONTENTS

Verify that all the following items are included in your package:

- CarPlay Decoder Box
- Power Cable Harness
- AMI Audio Cable
- LVDS Cable
- WiFi Antenna
- USB-AV Cable
- Installation Manual
- Tool (Plastic wedge)



Image: A visual representation of the adapter module and all included accessories.

3. COMPATIBILITY

This adapter is compatible with Mercedes Benz C Class W204 vehicles equipped with NTG4.5/4.7 systems, manufactured between 2011 and 2013. It supports 5.8", 7", and 8" screens.

Lista de modelos compatibles



NTG4.5



NTG4.7



SISTEMA NTG4.5/4.7

MODO Clase-C W204

A ÚN 2011-2013

PANTALLA 5.8" & 7" & 8"

Image: Visual guide to identify compatible NTG4.5 and NTG4.7 systems in Mercedes Benz vehicles.

4. SAFETY INFORMATION

Always disconnect the vehicle's main battery ground line before beginning installation to prevent electrical damage or injury. Do not attempt installation if you are not confident; seek professional assistance. Test all functions of the module before fully reassembling the dashboard to avoid inconvenience.

5. INSTALLATION GUIDE

5.1. Preparation

- Ensure the vehicle is turned off and the ignition key is removed.
- Disconnect the negative terminal of the car battery.
- Gather necessary tools: plastic wedge, Torx T20, Torx T25 screwdrivers.

5.2. Dashboard Disassembly

1. Using a pulling hook or plastic wedge, carefully remove the air vent trim above the glove compartment.
2. Disconnect any electrical connectors attached to the trim.
3. Remove the two Torx T20 screws securing the radio unit.
4. Carefully pull out the radio unit.
5. Using a plastic wedge, gently pry off the trim around the main display screen.
6. Remove the Torx T25 screws securing the display screen.

7. Carefully pull out the display screen and disconnect its cables.

Your browser does not support the video tag. Please update your browser.

Video: Detailed guide on disassembling the Mercedes Benz dashboard for adapter installation.

5.3. Wiring Connections

1. Connect the provided LVDS cable to the original LVDS connector from the head unit.
2. Connect the power cable harness to the original head unit connector.
3. Connect the new LVDS cable from the adapter to the display screen.
4. Connect the power cable for the CarPlay decoder to the harness.
5. Connect the WiFi antenna to the adapter module.
6. If using wired Android Auto, route the USB cable to a convenient location (e.g., glove compartment).



Image: Close-up of the wiring connections for the adapter, showing the integration with the car's existing harness.

5.4. Module Placement

Carefully place the CarPlay decoder box and all connected cables into the available space behind the dashboard, ensuring no wires are pinched or obstruct reassembly.

5.5. Reassembly

Reverse the disassembly steps to reassemble the dashboard components. Ensure all screws are tightened and trim pieces snap securely into place.

6. DIP SWITCH CONFIGURATION

The adapter features DIP switches to configure settings based on your car's screen size. Refer to the included manual for the correct DIP switch settings for 5.8" and 7" screens. Incorrect settings may result in a black screen or display issues.

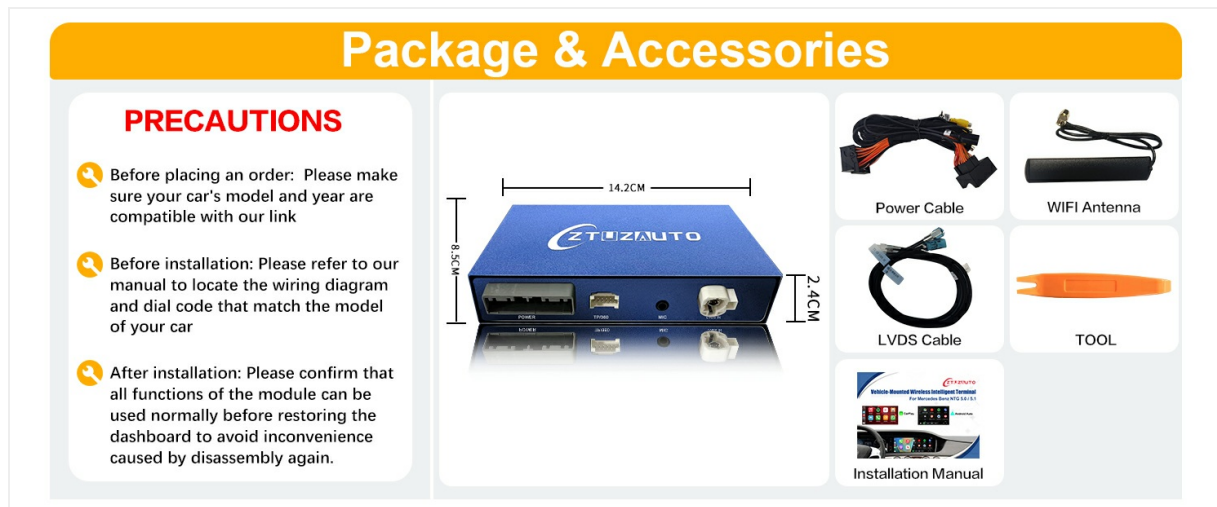


Image: Guide for configuring DIP switches based on the vehicle's screen size.

7. OPERATING THE ADAPTER

7.1. Switching to Carplay/Android Auto

Long press the 'MENU' button on your car's center console knob control for 2 seconds to switch between the original NTG system and the CarPlay/Android Auto interface.

Cambie de sistema libremente



Image: Demonstration of switching between the original car system and the Carplay interface.

7.2. Wireless Connection (Carplay/Android Auto)

1. On the adapter's interface, navigate to the Bluetooth settings.
2. Enable Bluetooth on your smartphone and search for available devices.
3. Select the adapter's Bluetooth name (e.g., "CAR-BT-xxxx") and pair your device.
4. Confirm the pairing code on both your phone and the car's display.
5. Once connected, the system will automatically enter the CarPlay/Android Auto interface.

Your browser does not support the video tag. Please update your browser.

Video: Demonstrates connecting OEM Bluetooth and Carplay features together.

7.3. Bluetooth Audio Setup

To ensure audio output via Bluetooth:

1. Access the Settings interface on the adapter.
2. Go to "Factory Mode" → "Phone Link setting".
3. Turn off the "Disable phone link audio" option and reboot.
4. Then pair your smartphone with the original vehicle's Bluetooth.

5. Select the original car Bluetooth for both phone and music sound sources in the original car media settings.


Your browser does not support the video tag. Please update your browser.

Video: Instructions for connecting Linux to OEM Bluetooth for CarPlay audio.


7.4. Retaining Original Car Functions

The adapter is designed to retain the functionality of your original car controls, including steering wheel buttons, voice awakening, and the command knob for navigation within the CarPlay/Android Auto interface.

01 If via Aux , you need to set "AUX front" , the carplay will have sound




AUX



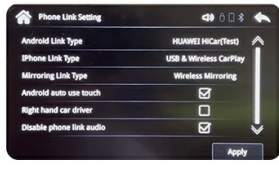
A. Access the Settings interface → Factory Mode → Phone Link setting → Turn off the "Disable phone link audio" option. → Reboot

B. Enter into the "Multimedia" interface , click "External devices" , click the "AUX front"

02 You only need to adjust the settings to make the sound function via bluetooth



Bluetooth



A. Access the Settings interface → Factory Mode → Phone Link setting → Open the option "Disable phone link audio". → Reboot

B. Then pair your smartphone with the original vehicle's Bluetooth.

C. Select the original car Bluetooth for both the phone and music sound sources in the original car media settings.

Image: Illustrates how original steering wheel buttons and command knob retain functionality with the adapter.

8. SYSTEM SETTINGS

Access the adapter's system settings to customize various options:

- **Language:** Select your preferred language for the interface.
- **Display:** Adjust brightness, saturation, and chromaticity for optimal viewing.
- **Audio:** Control volume levels for music, speech, and alerts. Adjust EQ settings.
- **Reverse Camera:** Configure settings for original or aftermarket reverse cameras, including line detection and display tracks.
- **CarPlay/Android Auto Optimization:** Adjust screen scrap (margins), enable auto dark mode, and configure key controls.
- **WiFi Channel:** Change the WiFi channel if experiencing connectivity issues (reboot required).

Your browser does not support the video tag. Please update your browser.

Video: Overview of the menu display interface for the Carplay module, showing various settings.

9. TROUBLESHOOTING

If you encounter any issues, please refer to the following common solutions:

- **No Sound:** Ensure the Bluetooth audio is correctly configured as per section 7.3. Check the AUX input settings on your original car system.
- **Black Screen/Display Issues:** Verify the DIP switch settings match your screen size. Recheck all LVDS cable connections.
- **Connectivity Problems:** Ensure your phone's Bluetooth and Wi-Fi are enabled. Try rebooting the adapter (via settings) and your phone. Adjust the WiFi channel in system settings if necessary.
- **CarPlay/Android Auto Not Launching:** Confirm the correct button (MENU) is being long-pressed to switch interfaces.




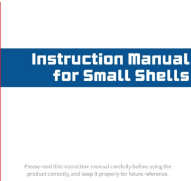

10. PRODUCT SPECIFICATIONS

Product Dimensions	3.34 x 5.59 x 0.94 inches
Item Weight	2.55 pounds
Material	Metal
Connectivity Technology	USB, Wi-Fi, Bluetooth
Power Source	DC

11. WARRANTY AND SUPPORT

This product comes with a 12-month quality warranty. For any issues or support during this period, please contact us. Our support team is available to provide professional assistance. Do not restore panels until all functions have been tested.

Related Documents - NTG4.5/4.7

	<p>ZTUZAUTO Wireless Intelligent Terminal for Volvo S60L, S80, V40, XC60, V60 (After 2015)</p> <p>Enhance your Volvo's infotainment system with the ZTUZAUTO Wireless Intelligent Terminal, offering seamless integration of Apple CarPlay, Android Auto, and screen mirroring for compatible Volvo models (S60L, S80, V40, XC60, V60) manufactured after 2015. Includes detailed specifications, installation guides, operational instructions, and troubleshooting tips.</p>
	<p>ZTUZAUTO Wireless Intelligent Terminal for Audi A1/Q3 (2G RMC): Installation and User Guide</p> <p>A comprehensive guide for installing and using the ZTUZAUTO Wireless Intelligent Terminal in Audi A1 and Q3 vehicles (2G RMC Version). This document covers setup, specifications, connection diagrams, operating instructions for CarPlay, Android Auto, Mirroring, sound configuration, and troubleshooting FAQs.</p>
	<p>ZTUZAUTO MMI 3G Wireless CarPlay & Android Auto Interface for Audi A1/Q3/A4/A5/Q5/A6/Q7</p> <p>Enhance your Audi MMI 3G system with ZTUZAUTO's wireless CarPlay and Android Auto integration. This guide details the installation, setup, features, and troubleshooting for upgrading your Audi's infotainment system to support seamless smartphone connectivity, navigation, music, and more.</p>
	<p>Bonroad NTG4 Instruction Manual for Small Shells</p> <p>Instruction manual for the Bonroad NTG4 Carplay and Android Auto decoder, detailing product overview, features, installation, usage, and settings for Mercedes Benz vehicles.</p>
<p>User's Manual</p> 	<p>User Manual: Wireless CarPlay & Android Auto for Mercedes Benz NTG 5.0 Systems</p> <p>Installation guide for integrating wireless Apple CarPlay and Android Auto into Mercedes Benz vehicles (2015-2018) with NTG 5.0 infotainment systems. Covers module connection, dip switch settings, wireless pairing, car settings, and troubleshooting for models including A, B, C, E, S, V, CLA, CLS, GLA, GLC, GLE, GLS, V250, V260, Sprinter, W205, W447.</p>



[Car Solutions CarPlay and Android Auto Instruction Manual for Mercedes NTG 4.5/4.7](#)

Comprehensive instruction manual for installing and using Car Solutions CarPlay and Android Auto interface for Mercedes-Benz vehicles with NTG 4.5 and NTG 4.7 systems. Includes specifications, compatibility, and activation guides.