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› VECHEL 7-Inch Android 13 Car Radio Instruction Manual for Mercedes Benz W203 W209 W463 Viano Vito (4 CORE 2G+64G)

VECHTEL 4 CORE 2G+64G

VECHTEL 7-Inch Android 13 Car Radio Instruction Manual

Model: 4 CORE 2G+64G

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your VECHEL 7-inch Android 13 Car Radio. Please read this manual thoroughly before installation and use to ensure proper functionality and to avoid damage.

2. VEHICLE COMPATIBILITY

This car radio is compatible with the following Mercedes Benz models:

- Mercedes Benz C Class W203 (2000-2005)
- Mercedes Benz CLK Class W209 (1998-2004)
- Mercedes Benz G Class W463 (1998-2004)
- Mercedes Benz Viano/Vito W639 (2004-2006)
- Mercedes Benz Vaneo W170 (2002-2005)
- Mercedes Benz M/ML/W168 (1998-2002)
- Mercedes Benz E-W210 (1998-2002)
- Mercedes Benz SLK/W170 (1996-2002)
- Mercedes Benz CLK/C208/W208 (1996-2008)

Important Note: If your vehicle is equipped with a fiber optic connector, an additional fiber optic box may be required for proper connection. Please contact customer support for guidance before purchasing or installing if you have a fiber optic system.



Image: Vehicle Adaptation Guide. This image illustrates compatible (A) and incompatible (B) central control panel designs for Mercedes Benz vehicles. Ensure your vehicle's dashboard matches option A for direct installation.



Image: Installation Compatibility Note. This image further clarifies the central control panel types. Option A (left) is compatible, while Option B (right) is not. If your car requires Option B, contact customer service for suitable recommendations.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- Android Car Radio Unit
- Power Cable
- RCA Cable
- Rear Camera Input Cable
- USB Cables (x2)
- Radio Antenna
- GPS Antenna
- Canbus Decoder
- User Manual
- Rear Camera (Full HD)
- External Microphone



Image: Product Size and Package List. This diagram shows the dimensions of the car radio unit and a visual representation of all included accessories in the package.

4. SETUP AND INSTALLATION

4.1 Pre-Installation Check

Before proceeding with installation, ensure your vehicle's radio line interface is compatible. If your car has a fiber optic system, a separate optical fiber box is required. Failure to use the correct adapter may result in non-functional features like steering wheel controls.



Image: Fiber Optic Connection Warning. This image highlights the fiber optic interface in a car's wiring harness and shows an example of a 'Car Optical Fiber Box' needed for compatibility.

4.2 Wiring Instructions

Refer to the wiring diagram below for correct connections. Ensure all cables are securely connected to their respective ports.



Image: Wiring Instructions. This diagram provides a visual guide for connecting the power cable, RCA cables, rear camera input, USB cables, radio antenna, GPS antenna, and Canbus plug to the car radio unit.

4.3 Post-Installation Check

After installation, turn on the vehicle ignition and test all functions of the car radio, including audio, display, touch response, and connectivity features.

5. OPERATING INSTRUCTIONS

5.1 CarPlay / Android Auto (Wireless & Wired)

The unit supports both wireless and wired connections for Apple CarPlay and Android Auto. This allows seamless integration with your smartphone for navigation, music, calls, and messaging.

- **Wireless Connection:** Enable Bluetooth and Wi-Fi on your smartphone and connect to the car radio's Bluetooth. Follow the on-screen prompts to establish the CarPlay or Android Auto connection.
- **Wired Connection:** Connect your smartphone to the car radio using a USB cable. The system will automatically detect and launch CarPlay or Android Auto.
- **Voice Control:** Utilize Siri (for CarPlay) or Google Assistant (for Android Auto) for hands-free operation by saying "Hey Siri" or "Hey Google".



Image: Wireless/Wired CarPlay & Android Auto. This image demonstrates the wireless and wired connectivity options for both Apple CarPlay and Android Auto, showing smartphone integration with the car radio display.

Wireless Carplay / Android Auto



Image: CarPlay and Android Auto Interface. This image displays the user interface of CarPlay and Android Auto on the car radio screen, highlighting access to maps, music, and voice commands.

5.2 Navigation (GPS & WiFi)

The unit includes a built-in GPS module for navigation. You can use both online and offline maps.

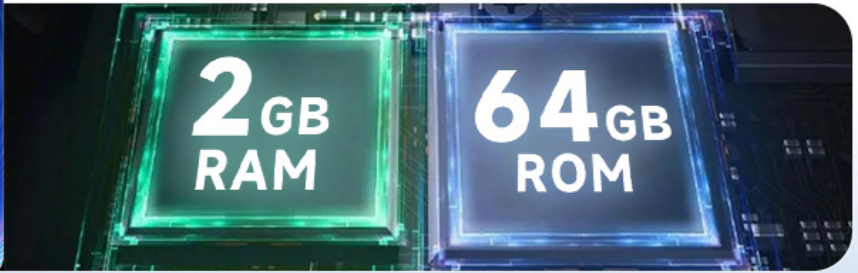
- **Online Navigation:** Connect to Wi-Fi or a mobile hotspot to use online mapping services and receive real-time traffic updates.
- **Offline Navigation:** Download maps for offline use to navigate without an internet connection.
- **App Installation:** Connect to Wi-Fi to access the Play Store and install various applications, including navigation apps, video streaming services, and more.



Image: GPS Navigation and Android System. This image shows the GPS navigation interface with online and offline map options, alongside details of the Android 13 operating system with 2GB RAM and 64GB ROM.



Android **2G+64G**



Navigate Online or Offline

Wifi or Hotspot Connection



Image: GPS and Wi-Fi Navigation. This image illustrates the navigation capabilities, including online and offline map usage, and the ability to connect via Wi-Fi or hotspot for internet access.

5.3 Bluetooth Connectivity

Connect your smartphone via Bluetooth for hands-free calling and audio streaming.

- **Hands-Free Calls:** Pair your phone to make and receive calls directly through the car radio.
- **Bluetooth Music:** Stream audio from your phone to the car's speakers.



Image: Bluetooth, AHD Camera, and Steering Wheel Control. This image shows the Bluetooth interface for calls and music, the display for the AHD backup camera, and the steering wheel control configuration screen.



Image: Bluetooth and FM RDS Radio. This image highlights the Bluetooth hands-free calling and music streaming functions, along with the FM radio interface displaying RDS information.

5.4 FM Radio with RDS

Access your favorite radio stations with the built-in FM tuner, featuring RDS (Radio Data System) for station information display.

5.5 Mirror Link (Screen Casting)

Mirror your smartphone's screen onto the car radio display via USB or Wi-Fi connection for both iOS and Android devices.



Image: Mirror Link - Screen Casting. This image illustrates the Mirror Link function, allowing you to cast your smartphone's screen (iOS or Android) onto the car radio display via USB or Wi-Fi.

5.6 Steering Wheel Control

Configure your steering wheel buttons to control the car radio functions for convenience and safety.



Image: Steering Wheel Control. This image shows the user interface for configuring steering wheel controls, allowing you to assign various functions to your vehicle's existing buttons.

5.7 Split Screen Functionality

Utilize the split-screen feature to run two applications simultaneously, such as navigation and music playback.



Image: Split Screen. This image demonstrates the split-screen capability, showing two applications (e.g., navigation and music) running side-by-side on the car radio display.

5.8 Rear Camera Support

The unit supports a Full HD AHD backup camera, providing a clear view when reversing. The display automatically switches to the camera feed when the vehicle is in reverse gear.



Image: Rear Camera. This image shows the view from the backup camera displayed on the car radio screen, complete with parking guidelines.

6. MAINTENANCE

To ensure the longevity and optimal performance of your car radio, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the screen and exterior. Avoid abrasive cleaners or solvents.
- **Software Updates:** Periodically check for and install available software updates to enhance performance and add new features.
- **Environmental Conditions:** Avoid exposing the unit to extreme temperatures, direct sunlight for prolonged periods, or excessive moisture.

7. TROUBLESHOOTING

If you encounter issues, refer to the following common problems and solutions:

- **No Power/Unit Not Turning On:**
 - Check all power connections and fuses.

- Ensure the vehicle's ignition is on.

- **No Audio Output:**

- Verify speaker connections.
- Check volume levels and mute settings.
- If your car has a fiber optic system and no adapter is used, audio may not function.

- **Steering Wheel Controls Not Working:**

- Ensure the Canbus decoder is correctly installed and connected.
- Check the steering wheel control settings in the unit's menu.
- If your car has a fiber optic system, an additional fiber optic box might be needed to retain steering wheel control functionality.

- **CarPlay/Android Auto Not Connecting:**

- For wireless, ensure Bluetooth and Wi-Fi are enabled on your phone and paired correctly.
- For wired, try a different USB cable.
- Restart both the car radio and your smartphone.

- **Unit Freezes or Becomes Unresponsive:**

- Perform a soft reset by pressing the reset button (if available) or turning off the vehicle and restarting.
- Ensure sufficient storage space for apps and data.

For further assistance, please contact VECHTEL customer support directly via Amazon. Provide your car's model and year, along with a photo of your central console, for accurate support.

8. SPECIFICATIONS

Feature	Specification
Brand	VECHTEL
Model Number	4 CORE 2G+64G
Operating System	Android 13
RAM	2GB
ROM	64GB
Screen Size	7 Inches
Processor	Quad-Core
Connectivity Technology	Bluetooth, USB, Wi-Fi
Special Features	Bluetooth, Wireless CarPlay/Android Auto, GPS Navigation, Canbus, Touchscreen, Full HD Rear Camera, Steering Wheel Control, Mirror Link, FM RDS Radio, EQ Settings, Subwoofer Output, Dual USB Ports, Split Screen
Compatible Devices	Smartphone
Audio Output Mode	Stereo, Surround (4.0 channels)
Output Power	45 Watts (per channel), 180 Watts (total)

Feature	Specification
Control Method	Touch
Digital Media Format	WAV, WMA
Video Encoding	MKV, RMVB, AVI, MP4
Item Dimensions (D x W x H)	5.5 x 21 x 13 cm

9. WARRANTY AND SUPPORT

This product comes with standard legal guarantees. For any issues, including compatibility concerns (e.g., unsuitable wiring or shape), please contact VECHTEL customer service directly through Amazon. Provide your car's model and year, and a photo of your central console, to receive appropriate assistance or replacement parts like a dash kit or connection cable. You can reach support by navigating to the product page on Amazon, finding the seller information (VECHTEL), and selecting the option to 'Ask a question'.