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› ANKEWAY Car Radio Stereo GB200 Instruction Manual for Mercedes-Benz W169/W245/W639/W447/W906

## ANKEWAY GB200

# ANKEWAY Car Radio Stereo GB200 Instruction Manual

Model: GB200

For Mercedes-Benz A W169, B W245, Vito W639 W447, B200 B180, Sprinter W906

## 1. PRODUCT OVERVIEW

The ANKEWAY GB200 Car Radio Stereo is an advanced infotainment system designed for specific Mercedes-Benz models. It integrates modern features such as wireless Android Auto and CarPlay, an Android operating system, and a high-quality display to enhance your driving experience. This manual provides essential information for installation, operation, and maintenance.

### 1.1 Compatible Models and Years

- Mercedes-Benz A-Class W169 (2004–2012)
- Mercedes-Benz B-Class W245 (2005–2011)
- Mercedes-Benz Vito W639 (2003–2014)
- Mercedes-Benz Vito W447 (2015–2022)
- Mercedes-Benz Sprinter W906 (2006–2019)
- Mercedes-Benz B200 (2006-2011)
- Mercedes-Benz B180 (2006-2012)

## Benz Applicable Models & Years

For Mercedes-Benz Classe A W169 (2004–2012), Classe B W245 (2005–2011), Vito W639 (2003–2014) W447 (2015–2022), Sprinter W906 (2006–2019), B200 (2006-2011), B180 (2006-2012)



Image: Before and after installation comparison of the ANKEWAY car radio in a Mercedes-Benz dashboard, showing the modern touchscreen replacing the original unit.

## 1.2 Package Contents

The package includes the following items:

- 1 x ANKEWAY Car Radio Stereo Unit
- 1 x Reversing Camera
- 1 x External Microphone
- 1 x CANBUS Protocol Decoder
- Panel Removal Tools
- Power Cable
- Radio Antenna
- GPS Antenna
- RCA Cables (various)
- USB Cables (2)



Image: Diagram showing the ANKEWAY car radio unit with its dimensions (24cm width, 14cm height) and a list of included accessories such as CANBUS decoder, various cables, microphone, GPS antenna, and panel removal tools.

## 2. SETUP AND INSTALLATION

### 2.1 Pre-Installation Check

Before beginning installation, ensure all components listed in the package contents are present and undamaged. Verify the compatibility of the car radio with your specific Mercedes-Benz model and year.

### 2.2 Installation Steps

1. **Remove the Original Unit:** Use the provided panel removal tools to carefully detach the trim and remove the existing car radio from your vehicle's dashboard.
2. **Connect Wiring Harness:** The car radio comes with pre-grouped wiring harnesses. Connect these harnesses to the corresponding connectors in your vehicle. Ensure all connections are secure.
3. **CANBUS Adapter Connection:** Connect the included CANBUS adapter to the wiring harness. This adapter ensures compatibility with your vehicle's original steering wheel controls and other protocol-dependent functions.
4. **Connect External Microphone:** Plug the external microphone into the designated port on the car radio. Position the microphone in a suitable location for clear audio capture during calls.

5. **Connect GPS Antenna:** Attach the GPS antenna to the car radio and place it in a location with a clear view of the sky for optimal signal reception.
6. **Install Reversing Camera:** Mount the reversing camera at the rear of your vehicle. Connect its video output cable to the car radio's camera input. Ensure the camera's power cable is connected to the vehicle's reversing light circuit for automatic activation.
7. **Test Functionality:** Before fully reassembling the dashboard, power on the car radio and test all functions, including audio, touchscreen, CarPlay/Android Auto, radio, and reversing camera.
8. **Reassemble Dashboard:** Once all functions are verified, carefully reassemble the dashboard trim.

*Note: For detailed wiring diagrams, refer to the included 'Android Product Operating Manual' booklet.*

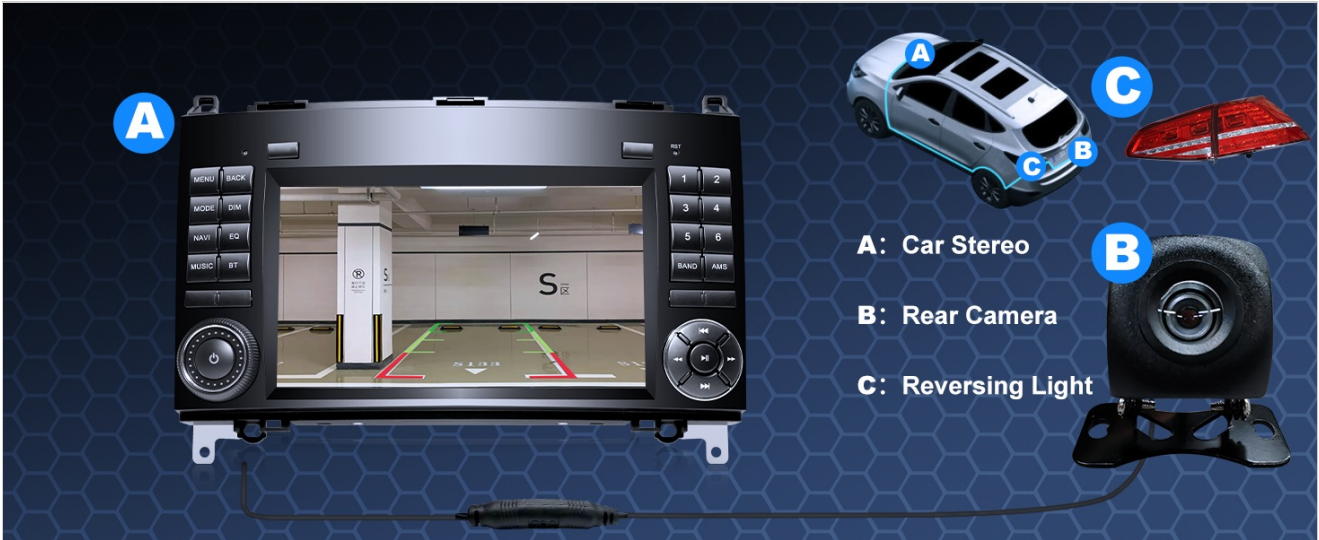


Image: Diagram illustrating the connection of the car stereo to a rear camera and reversing lights, showing the flow of signals for enhanced safety and entertainment.

### 3. OPERATING INSTRUCTIONS

#### 3.1 Basic Controls

The car radio features a 7-inch touchscreen display and physical buttons for essential functions. The rotary knob typically controls power and volume. Other buttons provide quick access to Menu, Back, Dimmer, Equalizer, Navigation, Music, and Bluetooth functions.

# CarPlay & Android Auto



Image: Close-up view of the ANKEWAY car radio stereo installed in a Mercedes-Benz dashboard, showcasing its 7-inch touchscreen display and physical control buttons.

## 3.2 Android System Features

- **Wi-Fi Connectivity:** Connect to the internet via Wi-Fi hotspot from your mobile device to access online features and download applications from the App Store.
- **App Installation:** Freely install various Android applications directly onto the unit.
- **Split-Screen Function:** Simultaneously view two applications on the screen, such as navigation and music playback.
- **Multi-Language Support:** The system supports multiple languages including Italian, Spanish, German, French, and English. Adjust language settings in the system menu.

# 27 UI interfaces



Image: A collage of 27 different automotive user interface designs, demonstrating the variety of digital dashboard layouts, colorful icons, gauges, and control panels available for the in-car infotainment system.

## 3.3 Wireless CarPlay and Android Auto

Connect your iOS or Android smartphone wirelessly or via cable to access CarPlay or Android Auto. This allows you to use compatible apps like Spotify, YouTube, and Waze directly on the car radio's screen. Voice assistant control is also supported for hands-free operation.



Image: The car radio's touchscreen displaying the CarPlay interface with various app icons, including phone, music, messages, and navigation. A steering wheel is partially visible.



Image: The car radio's infotainment system displaying the Android Auto interface with colorful app icons. The steering wheel and climate controls are visible.

### 3.4 Mirror-Link Function

The Mirror-Link function allows you to mirror your smartphone's screen content directly onto the car radio display. This is useful for viewing content not natively supported by CarPlay or Android Auto.



Image: The car radio's integrated touchscreen displaying multimedia content, with a horizontally mounted smartphone next to it mirroring the same interface, demonstrating the Mirror-Link functionality.

### 3.5 FM RDS Radio with DSP and Equalizer

The integrated FM RDS radio displays station frequencies and allows for audio adjustments using the Digital Signal Processor (DSP) function and a multi-band equalizer. This enables customization of sound quality to your preference.



Image: Car dashboard display showing a digital radio interface tuned to 90.50 MHz, with an adjacent screen displaying vehicle diagnostics including graphics and gauges for system performance monitoring.

### 3.6 Bluetooth 5.0

Utilize Bluetooth 5.0 for hands-free calling and audio streaming. Pair your smartphone with the car radio to make and receive calls, and play music wirelessly.

### 3.7 Reversing Camera Functionality

The included high-quality reversing camera provides a clear, high-definition view of the area behind your vehicle. It supports night vision and automatically displays the image on the car radio screen when reverse gear is engaged, improving safety during parking and maneuvering.

### 3.8 Steering Wheel Control

The CANBUS adapter ensures that your original steering wheel control functions are fully maintained and compatible with the ANKEWAY car radio, allowing you to control audio and other features without taking your hands off the wheel.

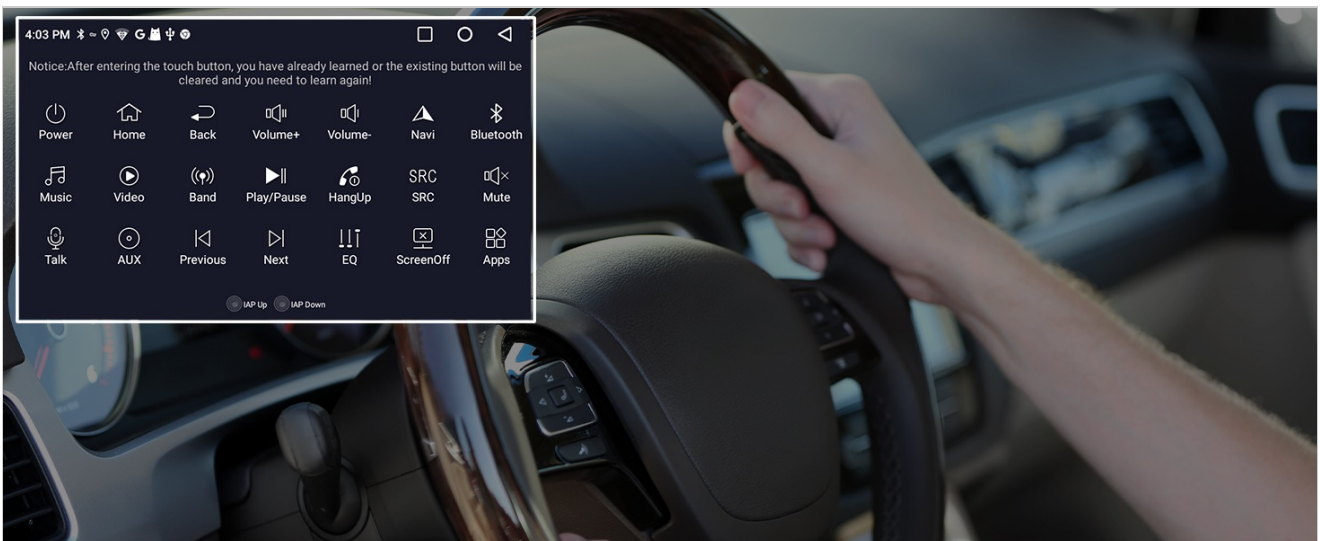


Image: A digital display on a car dashboard showing various icons for vehicle functions, with a hand gripping the steering wheel, indicating active use and control.

## 4. MAINTENANCE

### 4.1 System Updates

The manufacturer regularly releases firmware updates to optimize system performance and introduce new features. If you require a system update, please contact customer support to receive the latest firmware package and instructions.

## 4.2 General Care

- **Cleaning:** Use a soft, dry cloth to clean the screen and unit. Avoid abrasive cleaners or solvents.
- **Temperature:** Avoid exposing the unit to extreme temperatures, direct sunlight for prolonged periods, or high humidity.
- **Liquid Contact:** Prevent liquids from entering the unit. In case of accidental spills, power off the unit immediately and consult a professional.

## 5. TROUBLESHOOTING

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If you encounter any issues with your ANKEWAY car radio, refer to the following common troubleshooting steps:

- **No Power:** Check all power connections. Ensure the vehicle's ignition is on. Verify the fuse for the car radio.
- **No Sound:** Check speaker connections. Ensure volume is not muted or set to zero. Verify audio output settings.
- **Touchscreen Unresponsive:** Try restarting the unit. If the issue persists, a factory reset might be necessary (refer to the system settings).
- **CarPlay/Android Auto Not Connecting:** Ensure your smartphone's Bluetooth and Wi-Fi are enabled. Try reconnecting the device. For wired connections, check the USB cable.
- **Reversing Camera Not Displaying:** Check the camera's video input connection and power supply. Ensure the camera is correctly wired to the reversing light circuit.
- **Steering Wheel Controls Not Working:** Verify the CANBUS adapter connection. Check the CANBUS settings within the car radio's system menu to ensure the correct protocol is selected for your vehicle model.
- **Fitment Issues (e.g., Vito W639):** Some users have reported fitment challenges with specific models like the Vito W639, where the unit might be too large for the opening or require additional modifications. Ensure your vehicle's dashboard dimensions match the unit's specifications before installation.

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

## 6. SPECIFICATIONS

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<b>Brand</b>	ANKEWAY
<b>Model Number</b>	GB200
<b>Connectivity Technology</b>	Auxiliary, HDMI, USB, Bluetooth, Wi-Fi
<b>Controller Type</b>	Android
<b>Special Features</b>	Wireless Android Auto & CarPlay, Integrated Android System with Wi-Fi, High-resolution RDS Radio with DSP Audio Control, Reversing Camera, CANBUS Adapter
<b>Compatible Devices</b>	Smartphone, Tablet, Personal Computer
<b>Total HDMI Ports</b>	1
<b>Connector Type</b>	HDMI, USB Type A, 3.5 mm Jack
<b>Audio Output Mode</b>	Stereo
<b>Surround Sound Channel Configuration</b>	5.1
<b>Video Encoding</b>	H.264, H.265/HEVC
<b>Number of Channels (Audio)</b>	2
<b>Internet Applications</b>	Spotify, YouTube
<b>Audio Output Type</b>	Bluetooth, Speaker
<b>Digital Media Format</b>	Multiple Formats
<b>Manufacturer</b>	Shenzhen Cheluzhe technology co., LTD

## 7. WARRANTY INFORMATION

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This ANKEWAY Car Radio Stereo GB200 comes with a **1-year warranty** from the date of purchase. The warranty covers manufacturing defects and malfunctions under normal use. Please retain your proof of purchase for warranty claims. The warranty does not cover damage caused by improper installation, misuse, accidents, or unauthorized repairs.

## 8. SUPPORT

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For technical support, firmware updates, or any questions regarding your ANKEWAY Car Radio Stereo GB200, please contact our customer support team. Our development team regularly releases firmware updates to optimize the system experience. If you need to update the system, contact us to receive the firmware update package.

Please refer to the contact information provided with your product packaging or visit the official ANKEWAY website for support details.