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## CAMECHO 2+64G

# CAMECHO Android 13 Car Radio User Manual

For Mercedes Benz C Class W203 W209 C180 C200 (2005-2009)

## 1. INTRODUCTION

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This manual provides detailed instructions for the installation, operation, and maintenance of your CAMECHO Android 13 Car Radio. This unit is designed to enhance your driving experience with advanced features such as wireless CarPlay, Android Auto, GPS navigation, Bluetooth 5.0, and a 9-inch HD touch screen. Please read this manual thoroughly before installation and use to ensure proper functionality and safety.

## 2. COMPATIBILITY AND IMPORTANT NOTES

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This car radio is specifically designed for Mercedes Benz C Class W203 W209 C180 C200 models manufactured between 2005 and 2009. Before purchasing and installation, it is crucial to confirm your vehicle's original car system configuration, year, and central control panel layout to avoid incompatibility issues.

# PLEASE NOTE



Before purchasing, you must confirm the original car system configuration, year, central control map, etc. of the model, so as to avoid installation incompatibility after purchase



**Image 2.1:** This image illustrates the difference between compatible and incompatible central console configurations for the CAMECHO car radio. The left panel shows a compatible console (marked with a green check), while the right panel shows an incompatible console (marked with a red cross). Please verify your car's console matches the compatible example.

**Important:** If you are unsure about compatibility, please send a photo of your car's center console and a photo of the back of your original CD player to the seller for verification before proceeding with installation.

This unit is **not compatible** with models equipped with a fiber optic box, BOSE audio system, or Harman Kardon audio system.

## 3. PACKAGE CONTENTS

Please ensure all the following components are present in your package:

# For Mercedes Benz C Klasse W203 W209

## C180 C200 2005-2009

If unsure about compatibility, please send the car's model/year, a center console photo, and ideally a photo of the CD's back. We're here to help! (CAMECHOVIP@126.com)



Before Installation

After Installation



**Image 3.1:** This image displays the CAMECHO car radio unit along with its various included accessories. It shows the main head unit, power cable, rear view input cable, Canbus decoder, radio antenna, mounting bracket, installation tool, antenna head, USB cables (x2), rear camera, GPS antenna, microphone, RCA cable, and the user manual.

- CAMECHO Android 13 Car Radio Head Unit (9-inch screen)
- Power Cable
- Rear View Input Cable
- Canbus Decoder
- Radio Antenna
- Mounting Brackets
- Installation Tool
- Antenna Head
- USB Cables (x2)
- Rear Camera
- GPS Antenna

- External Microphone
- RCA Cable
- User Manual

## 4. SETUP AND INSTALLATION

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Installation of the CAMECHO car radio requires technical knowledge and should ideally be performed by a qualified professional. Incorrect installation can damage the unit or your vehicle's electrical system.

### 4.1 Pre-Installation Check

- Ensure the vehicle's ignition is off and the battery is disconnected before starting.
- Verify compatibility as described in Section 2.
- Familiarize yourself with your vehicle's dashboard disassembly process.

### 4.2 Installation Steps (General Guide)

1. Carefully remove the original car radio and trim panels from your Mercedes Benz C Class.
2. Connect the provided power cable, Canbus decoder, and other necessary wiring harnesses to the car's existing connectors. Ensure all connections are secure.
3. Connect the GPS antenna and route it to a location with a clear view of the sky (e.g., dashboard, A-pillar).
4. Connect the radio antenna.
5. If installing the rear camera, route the video cable from the rear of the vehicle to the head unit and connect the power to the reverse light circuit.
6. Mount the new CAMECHO head unit using the provided brackets and secure it in the dashboard opening.
7. Reconnect the vehicle's battery and test the unit's functionality before fully reassembling the dashboard.
8. Reassemble all trim panels.

# For Mercedes Benz C Klasse W203 W209 C180 C200 2005-2009

If unsure about compatibility, please send the car's model/year, a center console photo, and ideally a photo of the CD's back. We're here to help! (CAMECHOVIP@126.com)



Before Installation

After Installation



**Image 4.1:** This image shows a side-by-side comparison of a Mercedes-Benz C-Class dashboard. The left side depicts the dashboard with the original car radio ('Before Installation'), and the right side shows the same dashboard with the CAMECHO Android 13 car radio successfully installed ('After Installation').

## 5. OPERATING INSTRUCTIONS

### 5.1 GPS Navigation

The unit features a built-in GPS navigation system with a positioning chip supporting GPS/QZSS/SBAS. It comes with integrated offline maps. For real-time traffic updates and online map services, connect the unit to a Wi-Fi hotspot.

# GPS Navigation



# WIFI Connection



**Image 5.1:** This image demonstrates the GPS navigation capabilities of the car radio, showing a map interface with route guidance. Below it, the image illustrates the Wi-Fi connection feature, displaying various app icons accessible when connected to the internet.

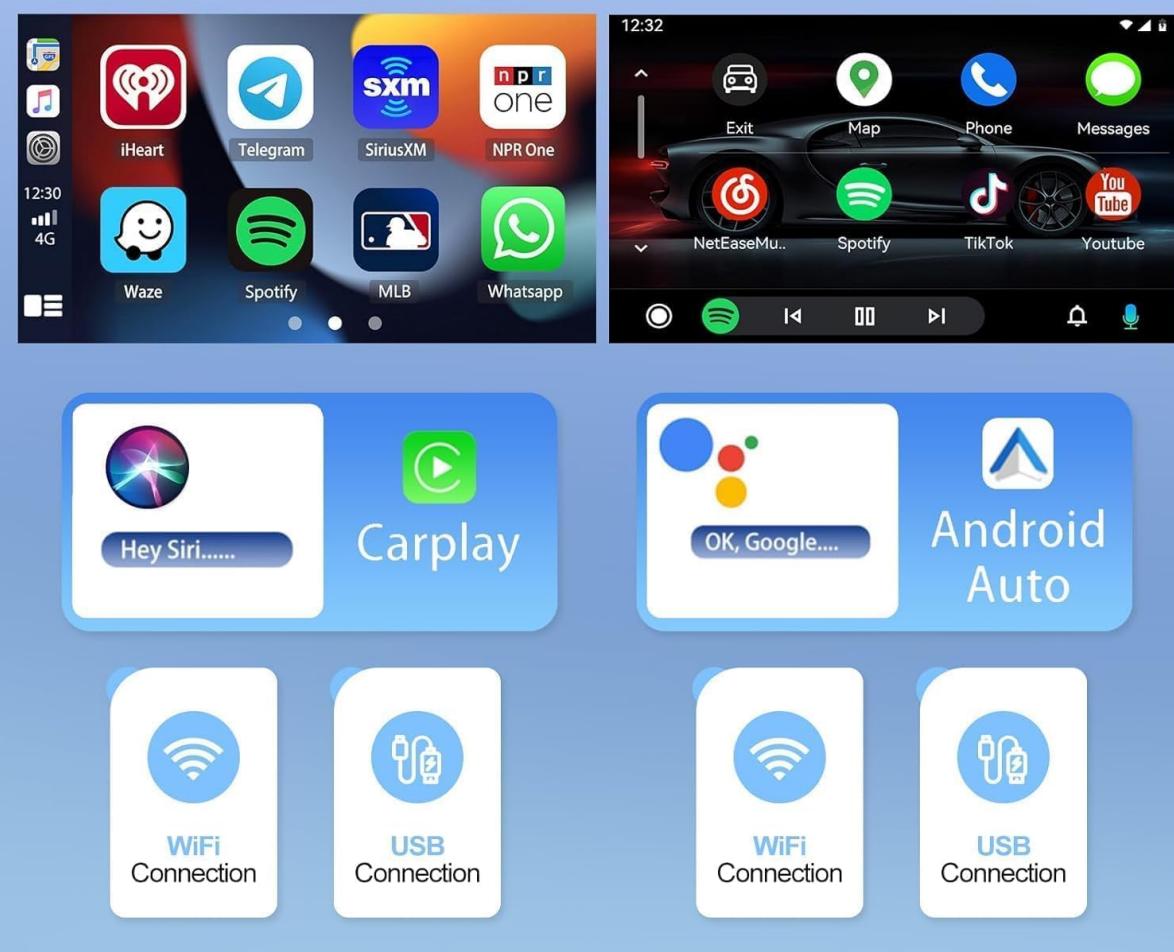
## 5.2 Wireless CarPlay and Android Auto

Enjoy seamless integration with your smartphone using wireless Apple CarPlay and Android Auto. These features allow you to access navigation, music, calls, messages, and other apps directly from the 9-inch display. Both wireless and wired connections are supported.

- **Wireless Connection:** Connect your smartphone via Wi-Fi for a cable-free experience.
- **Wired Connection:** Use a USB cable to connect your smartphone for CarPlay or Android Auto.

# Wireless Apple Carplay & Android Auto

Support wireless and wired CarPlay and android auto functions, connect to your phone to access mobile phone call, email, notification, map navigation, music.



**Image 5.2:** This image displays the user interfaces for both Apple CarPlay (left) and Android Auto (right) on the car radio screen. It highlights popular applications like Spotify, Google Maps, and WhatsApp, and indicates support for both Wi-Fi and USB connections for these features.

## 5.3 Mirror Link

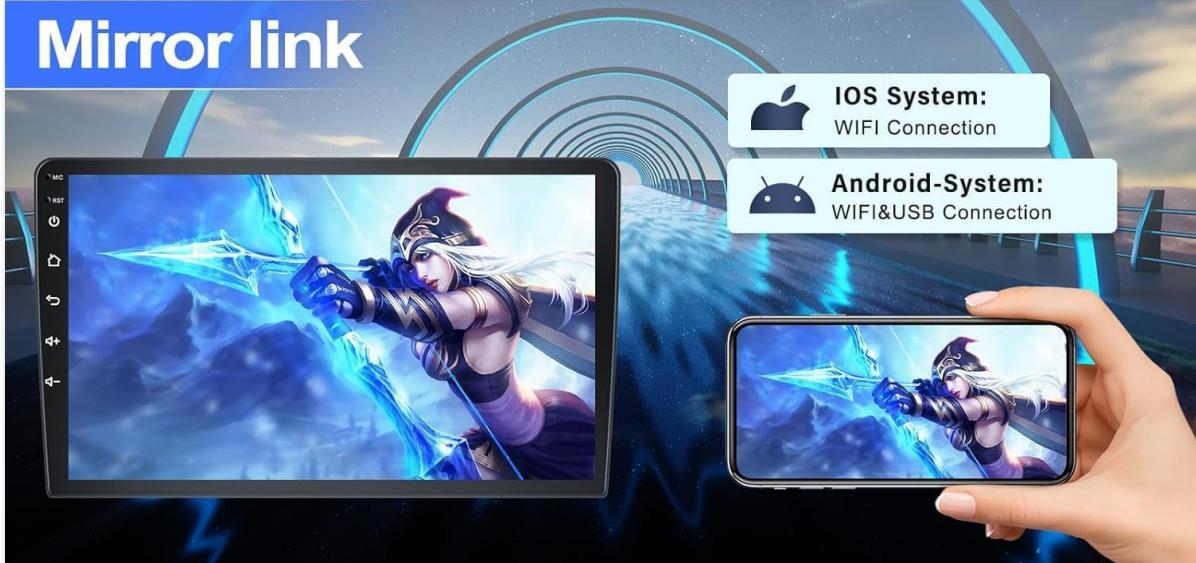
The Mirror Link function allows you to mirror your smartphone's screen onto the car radio display. This feature supports both iOS and Android devices.

- **iOS System:** Connect via Wi-Fi.
- **Android System:** Connect via Wi-Fi and USB.

## AHD Rear Camera



## Mirror link



**Image 5.3:** This image shows two main features. The top section illustrates the AHD Rear Camera view, displaying parking guidelines.

The bottom section demonstrates the Mirror Link function, showing a smartphone screen mirrored onto the car radio display, with indications for iOS (Wi-Fi) and Android (Wi-Fi & USB) connectivity.

### 5.4 Bluetooth 5.0

The integrated Bluetooth 5.0 module enables wireless music streaming, hands-free calling, and phonebook synchronization. Pair your smartphone with the car radio to make and receive calls safely while driving and enjoy your favorite audio content.

### 5.5 FM/RDS Radio

Tune into your favorite radio stations with the built-in FM/RDS tuner. RDS (Radio Data System) provides additional information such as station names, program types, and traffic announcements, keeping you informed during your journey.

## Bluetooth

Okay, go home now

I'm listening to music



## FM/RDS



**Image 5.4:** This image is divided into two parts. The top part shows the Bluetooth interface, including options for paired devices, available devices, Bluetooth calls, music, and phonebook. The bottom part displays the FM/RDS radio interface, showing the current frequency and preset stations.

### 5.6 DSP (Digital Sound Processor)

The integrated DSP ensures first-class sound quality by reducing noise and distortion. Adjust the equalizer settings to customize the audio output to your preference, enhancing your listening experience.

### 5.7 Split Screen Function

Multitask efficiently with the split-screen function, allowing you to run two applications simultaneously on the 9-inch display. For example, you can view navigation on one side while controlling music playback on the other.

## EQ



## Split screen



## Optional Function



USB Interface



OBD



USB Recorder



DAB



Internal Micro



Rear Camera

**Image 5.5:** This image presents two features. The left side shows the EQ (equalizer) settings with DSP and balance controls, allowing for sound customization. The right side demonstrates the split-screen function, displaying a navigation app and a music player simultaneously on the car radio screen.

## 5.8 Steering Wheel Control

The unit supports steering wheel control, allowing you to manage various functions of the car radio directly from your vehicle's steering wheel buttons for convenience and safety.

## 6. MAINTENANCE

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

- Cleaning:** Use a soft, dry cloth to clean the screen and unit. Avoid abrasive cleaners or solvents.
- Software Updates:** Periodically check for available software updates to ensure the system runs efficiently and has the latest features and security patches. Updates can typically be performed via Wi-Fi.
- Temperature:** Avoid exposing the unit to extreme temperatures, both hot and cold, for extended periods.

## 7. TROUBLESHOOTING

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

- No Power:** Check all power connections and fuses. Ensure the vehicle's battery is properly connected and charged.
- No Sound:** Verify speaker connections. Check volume settings and ensure the mute function is not active.

- **GPS Signal Issues:** Ensure the GPS antenna has a clear view of the sky. Check antenna connection.
- **Touch Screen Unresponsive:** Try restarting the unit. If the issue persists, a factory reset might be necessary (note: this will erase all user data).
- **Bluetooth/Wi-Fi Connectivity Problems:** Ensure Bluetooth/Wi-Fi is enabled on both the unit and your smartphone. Try unpairing and re-pairing devices.
- **System Lag/Freezing:** Close unnecessary applications. A system restart or factory reset may resolve persistent issues.

For complex issues not resolved by these steps, please contact customer support.

## 8. SPECIFICATIONS

Feature	Detail
System	Android 13
Chipset	MT8163
Operating Speed	1.3 GHz
Screen Size	9 inches
Memory (RAM + ROM)	2GB (RAM) + 64GB (ROM)
Display Resolution	1024 x 600
Bluetooth Version	4.1
Radio Chip	MT6625N
Output Power	4 x 45 W
Operating Temperature	-20°C to 75°C
Steering Wheel Control	Support
Power Amplifier Chip	YD7388
Radio Band	FM/RDS
Video Output	No Support
Rear View Camera Input	AHD/CVBS
External Microphone	Support
Split Screen	Support

Mirror Link	Support
Maps	Integrated offline maps (Internet required for data download)
Wi-Fi	Support
USB	Dual USB interface
Audio Format Support	APE/FLAC/WAV/MP3/WMA etc.
Video Format Support	MKV/RMVB/AVI/MP4/MDV etc.
Image Format Support	PNG/JPEG/JPG/GIF/WBMP/BNP etc.
Languages	Chinese/English/French/Italian/Korean/Japanese/Arabic/Spanish/Portuguese/Russian/Turkish/Vietnamese/Hebrew/Polish/Ge

## 9. OPTIONAL FUNCTIONS AND ACCESSORIES

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The CAMECHO car radio supports several optional accessories and functions to further enhance your driving experience. These items are typically not included in the standard package and must be purchased separately.

- **AHD Rear View Camera:** Provides a wide viewing angle, high waterproof coefficient, and strong night vision for clear images when reversing.
- **External OBD2:** For vehicle diagnostics.
- **DAB+:** Digital Audio Broadcasting for enhanced radio quality.
- **Voice Control:** For hands-free operation.
- **Subwoofer:** For enhanced bass audio output.
- **USB Recorder:** For dashcam functionality.

## EQ



## Split screen



## Optional Function



USB Interface



OBD



USB Recorder



DAB



Internal Mico



Rear Camera

**Image 9.1:** This image displays various optional accessories that can be connected to the CAMECHO car radio. These include a USB interface, an OBD2 diagnostic tool, a USB recorder (dashcam), a DAB+ module, an internal microphone, and a rear camera.

## 10. WARRANTY AND SUPPORT

CAMECHO products are designed for reliability and performance. For warranty information, please refer to the documentation provided at the time of purchase or contact your retailer. If you require technical assistance, troubleshooting, or have questions regarding your product, please contact CAMECHO customer support through the official channels provided by your seller.