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CAMECHO 4-Core 4+128G

CAMECHO 4+128G Android 15 Car Radio User Manual

Model: 4-Core 4+128G

Brand: CAMECHO

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your CAMECHO 4+128G Android 15 Car Radio. This advanced car multimedia system is designed to enhance your driving experience with features such as wireless CarPlay, Android Auto, GPS navigation, Bluetooth connectivity, and a high-resolution INCELL touchscreen. Please read this manual thoroughly before installation and use to ensure proper functionality and safety.

2. COMPATIBLE VEHICLES

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

- Mercedes Benz W169 (2004-2012)
- Mercedes Benz B200 (2004-2012)
- Mercedes Benz W245 (2004-2012)
- Mercedes Benz W639 Viano (2006-2014)
- Mercedes Benz Vito (2006-2014)
- Mercedes Benz Sprinter W906 (2006-2012)



This image displays various Mercedes Benz dashboards, illustrating the fitment of the CAMECHO car radio in compatible models such as the Vito, Viano, V-Class W639, Sprinter, and B-Class.

Important Note: Before purchasing and installation, please verify your vehicle's radio line interface. If your radio line interface matches the one shown in the diagram requiring an optical fiber box, you will need to acquire a separate car optical fiber box. Contact CAMECHO support for guidance if needed.

3. PACKAGE CONTENTS

The following items are included in your CAMECHO car radio package:

- CAMECHO Android Car Radio Unit (9-inch INCELL screen)
- Power Cable
- RCA Cable
- USB Cables (6-pin and 4-pin)
- GPS Antenna
- Radio Antenna Adapter
- AHD Rear Camera (Gift)
- External Microphone
- Canbus & Antenna Adapter
- Installation Tools
- User Manual



This image illustrates the car radio unit's dimensions and lists the various cables and accessories included in the package, such as the AHD Rear Camera, Power Cable, USB cables, GPS antenna, and installation tools.

4. INSTALLATION GUIDE

4.1 Pre-Installation Checks

- Ensure your vehicle is compatible with the car radio model.
- Turn off the vehicle's ignition and disconnect the negative terminal of the car battery to prevent electrical shorts.
- Inspect your vehicle's existing radio wiring harness and dashboard opening.
- If unsure about compatibility or wiring, consult a professional installer.

4.2 Wiring Connections

Refer to the wiring diagram provided with your unit and the image below for correct connections. Ensure all cables are securely connected to their respective ports.



This diagram illustrates the rear panel of the car radio and its connection points, including Power Cable, Camera Input, RCA Cable, USB Cables, Radio Antenna, and GPS Antenna.

- **Power Cable:** Connect to the vehicle's power harness.
- **Camera Input:** Connect the included AHD rear camera.
- **RCA Cable:** For audio/video output to external amplifiers or monitors.
- **USB Cables:** Connect for data transfer, media playback, and charging.
- **Radio Antenna:** Connect the vehicle's radio antenna.
- **GPS Antenna:** Mount in a location with a clear view of the sky for optimal signal reception.
- **External Microphone:** Connect for improved hands-free call quality.
- **Canbus:** Connect the Canbus adapter if your vehicle requires it for steering wheel controls or other vehicle data integration.

4.3 Mounting the Unit

- Carefully insert the car radio into the dashboard opening.

- Secure the unit using the provided mounting brackets and screws.
- Ensure all cables are neatly tucked away and not pinched.
- Reconnect the car battery's negative terminal.

5. BASIC OPERATION

5.1 Power On/Off

- **Power On:** Turn on your vehicle's ignition. The unit should power on automatically. If not, press the power button on the unit.
- **Power Off:** Turn off your vehicle's ignition. The unit will power off automatically.

5.2 Touchscreen Operation

The 9-inch INCELL HD touchscreen supports multi-touch gestures. Tap to select, swipe to navigate, and pinch to zoom (where applicable).

6. KEY FEATURES AND FUNCTIONS

6.1 Android 15 System & Performance

Equipped with the latest Android 15 operating system, 4GB RAM, and 128GB ROM, this unit provides fast and stable performance for multitasking, app loading, and media storage. The 4-Core CPU ensures efficient operation.

EXCELLENT PERFORMANCE

Supercharged RK3326S: A powerful quad-core CPU and massive 4GB RAM + 128GB ROM for effortless multitasking and huge storage.

128GB (ROM)

4GB (RAM)

4-CORE PLUS

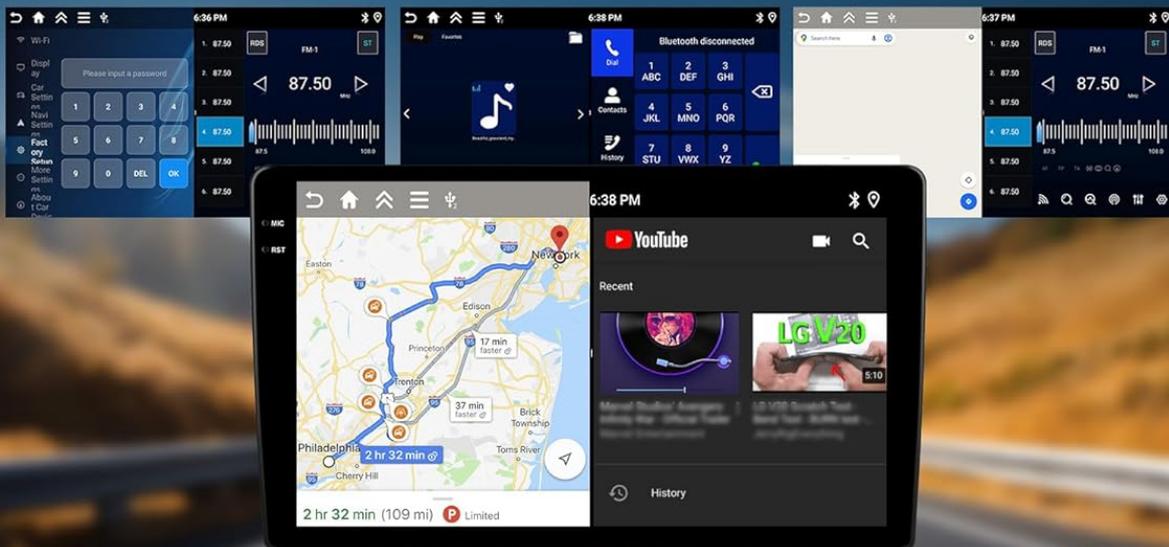
CPU AI Computing Power

83%

GPU AI Computing Power

76%

SPLIT-SCREEN FUNCTION



This image highlights the internal specifications of the car radio, including the 4-Core CPU, 4GB RAM, and 128GB ROM, emphasizing its excellent performance capabilities.

6.2 9-inch INCELL HD Screen

Experience superior visuals with the 9-inch INCELL touchscreen, featuring a resolution of 1280*720. INCELL technology delivers vibrant colors, wide viewing angles, and highly responsive touch interaction, ensuring clarity even in direct sunlight.

6.3 Wireless CarPlay & Android Auto

Connect your smartphone wirelessly for seamless integration. Access navigation, music, messages, and apps directly from the car radio display. Use voice commands via Siri or Google Assistant for safe and intuitive control.

CARPLAY & ANDROID AUTO & MIRRORLINK



This image displays the user interfaces for both Apple CarPlay and Android Auto running on the car radio, showing navigation, music, and app icons.

6.4 4G, WiFi & Integrated GPS

Stay connected with built-in Wi-Fi and precise GPS navigation. Access real-time traffic information (with downloaded maps), stream music from services like Spotify and YouTube, and browse the web. The unit supports split-screen functionality for simultaneous use of navigation and other apps.



This image shows the GPS navigation interface with online and offline map capabilities, alongside a representation of Wi-Fi connectivity and various social media app icons.

6.5 Rear Camera Function

An HD rear camera is included to provide clear and accurate views behind your vehicle, aiding in safe parking. The display automatically switches to the camera view when reversing, with intelligent guidelines.



This image demonstrates the reversing assistance feature, showing a car backing up with a clear view from the HD rear camera, highlighting night vision, waterproof, and wide-angle capabilities.

6.6 Steering Wheel Control

Learn and customize your steering wheel controls directly from the screen. Manage volume, navigation, calls, and music playback without taking your hands off the wheel. Full compatibility with original Mercedes Benz steering wheel buttons is supported.



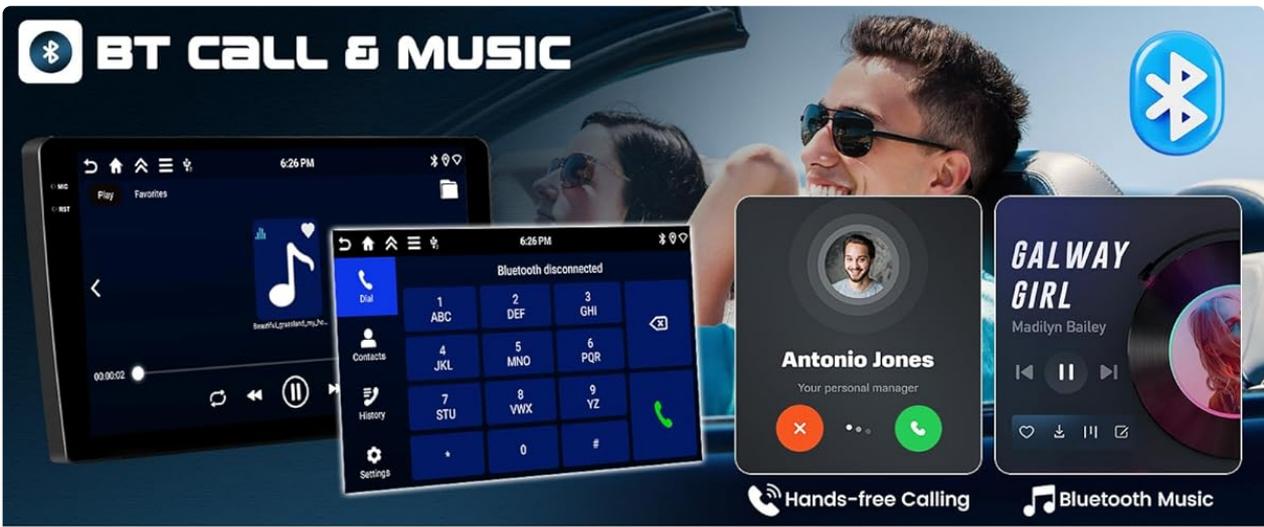
This image includes a section demonstrating the steering wheel control learning function, allowing users to customize button assignments for various functions.

6.7 External Microphone

An external microphone is included to provide exceptional hands-free call quality. Install it on your dashboard for optimal voice capture, ensuring clear conversations even at high speeds.

6.8 Bluetooth 5.0, FM/RDS Radio & Equalizer

Utilize Bluetooth 5.0 for music streaming and hands-free calls. The FM/RDS radio offers crystal-clear reception. Personalize your audio experience with the 32-band digital equalizer.



This image showcases the Bluetooth call and music playback features, the FM/RDS radio interface, and the detailed 32-band digital equalizer for sound customization.

6.9 Split-Screen Function

The split-screen feature allows you to run two applications simultaneously, such as navigation on one side and music playback on the other, enhancing multitasking capabilities.

EXCELLENT PERFORMANCE

Supercharged RK3326S: A powerful quad-core CPU and massive 4GB RAM + 128GB ROM for effortless multitasking and huge storage.

128GB (ROM)

4GB (RAM)

4-CORE PLUS

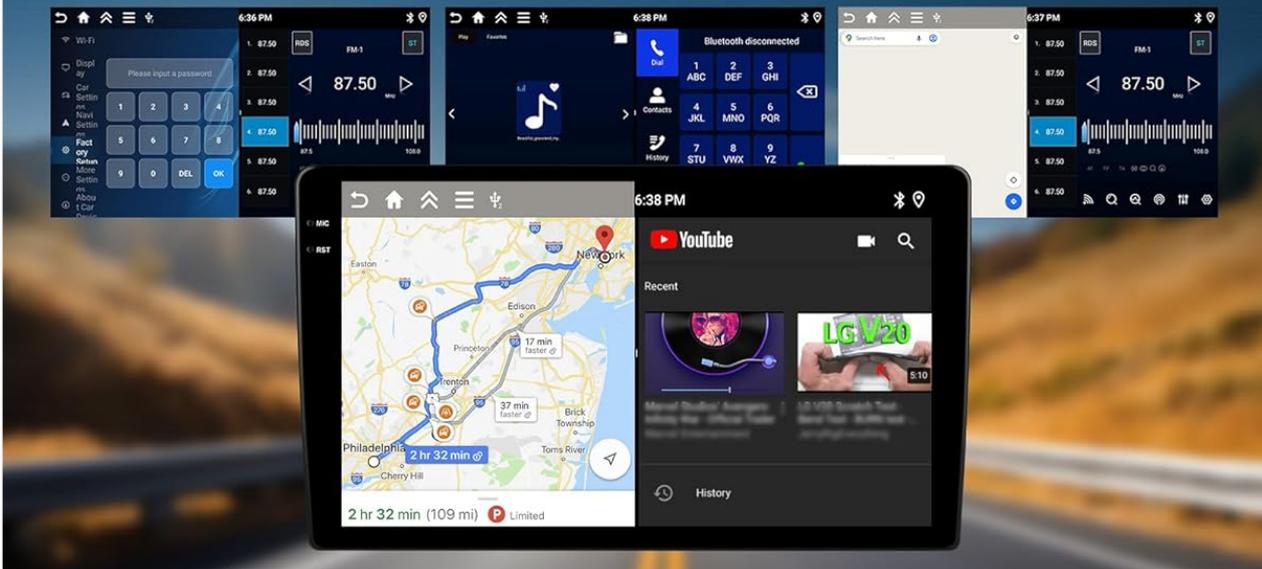
CPU AI Computing Power

83%

GPU AI Computing Power

76%

SPLIT-SCREEN FUNCTION



This image also illustrates the split-screen function, showing two applications, such as navigation and YouTube, running side-by-side on the display.

6.10 Voice Assistance

The unit supports voice assistance for hands-free control. This feature requires activation and allows you to control various functions using voice commands.



This image includes a visual representation of the voice assistance feature, indicating that activation is required for use.

6.11 DAB Function

Digital Audio Broadcasting (DAB) functionality is supported. Please note that a separate DAB module must be purchased and connected to activate this feature.



This image displays the DAB function steering interface and indicates that an external DAB module is required for activation.

6.12 OBD2 Function

The unit supports On-Board Diagnostics II (OBD2) functionality, allowing you to monitor vehicle data. This feature requires activation and a compatible OBD2 adapter (sold separately).



This image illustrates the OBD2 steering button interface, showing vehicle data and indicating that activation is required.

7. MAINTENANCE

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

8. TROUBLESHOOTING

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

- **No Power:** Check all power connections and the vehicle's fuse box. Ensure the ignition is on.
- **No Sound:** Verify speaker connections, volume settings, and audio source selection. Check if the mute function is active.
- **GPS Not Working:** Ensure the GPS antenna is properly connected and mounted in a location with a

clear view of the sky. Check GPS settings in the system.

- **Bluetooth Connectivity Issues:** Ensure Bluetooth is enabled on both the car radio and your device. Try unpairing and re-pairing the devices.
- **Touchscreen Unresponsive:** Try restarting the unit. If the issue persists, a factory reset might be necessary (note: this will erase all user data).
- **CarPlay/Android Auto Not Connecting:** Ensure your phone's Wi-Fi and Bluetooth are on. Check for any software updates for your phone or the car radio.

For persistent issues or advanced troubleshooting, please contact CAMECHO customer support.

9. SPECIFICATIONS

Feature	Specification
Brand	CAMECHO
Operating System	Android 15
RAM	4GB
ROM	128GB
Processor	4-Core
Screen Size	9 inches
Screen Type	INCELL HD Touchscreen
Screen Resolution	1280*720
Connectivity Technology	Ethernet, USB, Bluetooth 5.0, Wi-Fi, 4G (via external modem)
Controller Type	Android
Special Features	Wireless CarPlay & Android Auto, Mirror Link, GPS Navigation, FM/RDS Radio, 32-band EQ, Rear Camera Input, Steering Wheel Control, Voice Assistant, DAB (external module required), OBD2 (external adapter required)
Compatible Devices	Smartphone, Tablet, PC, Speaker, Amplifier, TV, Rear Camera, Driving Recorder, OBD2
Audio Output Mode	Stereo
Surround Sound Channel Configuration	5.1
Video Encoding	H.264, H.265/HEVC

Output Power	45 Watts x 4 Channels
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10. WARRANTY AND SUPPORT

Your CAMECHO car radio comes with a standard manufacturer's warranty. For specific warranty terms and conditions, please refer to the documentation included with your purchase or visit the official CAMECHO website.

For technical support, troubleshooting assistance, or any inquiries regarding your product, please contact CAMECHO customer service through the retailer where you purchased the product or via the contact information provided on the official CAMECHO website.