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› [CAMECHO](#) /

› [CAMECHO 9-inch Android 13 Autoradio User Manual for Mercedes-Benz Smart Fortwo \(6GB RAM + 128GB ROM\)](#)

CAMECHO 6+128G

CAMECHO 9-inch Android 13 Autoradio User Manual

Model: 6+128G for Mercedes-Benz Smart Fortwo (2011-2015)

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your CAMECHO 9-inch Android 13 Autoradio. This unit is specifically designed for Mercedes-Benz Smart Fortwo models manufactured between 2011 and 2015, offering advanced features such as wireless Carplay, Android Auto, GPS navigation, Bluetooth connectivity, and a high-resolution IPS touchscreen. Please read this manual thoroughly before installation and use to ensure proper functionality and safety.

PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- 1 x CAMECHO Autoradio (with frame)
- 1 x GPS Antenna
- 1 x Rear View Camera (with cable)
- 1 x Power Cable
- 1 x RCA Cable
- 1 x User Manual
- 2 x USB Cables



Figure 1: Package Contents and Unit Dimensions. This image displays the main unit with its 9-inch screen, overall dimensions, and a detailed view of the rear connections. Below, all included accessories are shown: AHD Rear Camera, Power Cable, LVDS Cable, Installation Tool, Microphone, GPS Antenna, Antenna Adapter, 6Pin USB Cable, 4Pin USB Cable, Camera Input cable, User Manual, and RCA Cable.

SETUP AND INSTALLATION

Professional installation is recommended. Ensure the vehicle's ignition is off and the battery is disconnected before starting installation.

Vehicle Compatibility

This autoradio is designed for a direct fit in Mercedes-Benz Smart Fortwo models from 2011 to 2015.



Figure 2: Before and After Installation. This image illustrates the appearance of the Mercedes-Benz Smart Fortwo dashboard before and after the CAMECHO autoradio is installed, demonstrating a seamless integration.

Wiring Connections

1. **Power Cable:** Connect the main power harness to the vehicle's wiring. Ensure correct polarity.
2. **RCA Cables:** Connect for audio/video input/output as needed (e.g., external amplifier, headrest monitors).
3. **USB Cables:** Connect the provided USB cables for external storage or device charging.
4. **GPS Antenna:** Mount the GPS antenna in a location with a clear view of the sky, typically on the dashboard or under the windshield.
5. **Radio Antenna:** Connect the vehicle's radio antenna.
6. **Rear View Camera:** Connect the camera cable to the designated input. Ensure the reverse trigger wire is correctly connected to activate the camera automatically when reversing.
7. **External Microphone:** Connect the external microphone for improved call quality.
8. **Steering Wheel Control (SWC):** Connect the SWC wires to your vehicle's steering wheel control interface. Configuration may be required in the unit's settings.

Important Note: When connecting the power harness, pay attention to the ILL (illumination) wire. For some vehicle models, this wire should not be connected directly. Instead, use the unit's internal settings under 'Day and Night lighting choice' and 'Color keys' to manage the illumination of the unit's controls.

OPERATING INSTRUCTIONS

Basic Operation

- **Power On/Off:** The unit powers on with the vehicle's ignition. Press and hold the power button (if available) to manually turn off or restart.
- **Touchscreen:** Navigate the interface using the responsive 9-inch IPS touchscreen.
- **Volume Control:** Adjust volume using the on-screen controls or steering wheel buttons.

Key Features



Figure 3: Core System Features. This image highlights the unit's powerful specifications: Android 13 operating system, 6GB RAM + 128GB ROM for ample storage and smooth performance, an 8-core processor for fast processing, and a 2.5D IPS touchscreen for clear visuals and responsive interaction.

Wireless Carplay & Android Auto

Connect your iPhone or Android smartphone wirelessly for seamless integration of navigation, music, calls, and messages. Supports voice control for hands-free operation.



Figure 4: Connectivity and Display Modes. This image displays the user interface for Apple Carplay and Android Auto, showing how smartphone apps are mirrored. It also illustrates the Mirror Link function, allowing phone content to be displayed on the unit, and the Split Screen feature, enabling two applications to run simultaneously.

GPS Navigation & WiFi

Utilize the built-in GPS for accurate navigation. Connect to a WiFi hotspot to download offline maps, access online navigation, browse the internet, and download applications from the Google Play Store.



Figure 5: GPS Navigation and WiFi. This image shows the autoradio displaying a detailed GPS navigation map, indicating real-time route information. WiFi icons are visible, emphasizing the unit's internet connectivity for map updates and online services.

Bluetooth & Audio Features

Pair your phone via Bluetooth 5.0 for hands-free calling and audio streaming. The integrated DSP (Digital Sound Processor) allows for precise audio signal processing, enhancing sound quality with customizable EQ settings. Enjoy FM/RDS radio for real-time traffic and weather updates, and access internet radio when connected to WiFi.



Figure 6: Audio and Communication Features. This image illustrates the Bluetooth interface for hands-free calls, the DSP equalizer for sound customization, the FM RDS radio display, and options for internet radio, showcasing the unit's comprehensive audio capabilities.

Mirror Link & Split Screen

Use Mirror Link to display your smartphone screen on the autoradio. The split-screen function allows you to run two applications simultaneously, such as navigation and music playback.

Rear View Camera

The included rear view camera automatically displays the rear view when the vehicle is in reverse gear, aiding in safe parking and maneuvering.

TECHNICAL SPECIFICATIONS

System	Android 13
Chipset	8257 (8-Core)
Screen Size	9 inches
Memory	6GB RAM + 128GB ROM
Screen Resolution	1280*720 IPS
Radio Chip	8035
Output Power	4*45W
Bluetooth Version	5.0
Working Temperature	-20°C to 75°C
Steering Wheel Control	Supported
Power Amplifier Chip	YD7388
Radio Band	FM/RDS
Video Output	Supported
Reversing Input	AHD/CVBS
External Microphone	Supported
Split Screen	Supported
WiFi	Supported
USB Interface	Dual USB

Dimensions (L x W x H)	34 x 17 x 10 cm (approximate)
Weight	2.56 kg
Supported Audio Formats	APE/FLAC/WAV/MP3/WMA etc.
Supported Video Formats	MKV/RMVB/AVI/MP4/MDV etc.
Supported Image Formats	PNG/JPEG/JPG/GIF/WBMP/BNP etc.
Factory Setting Keyword	1234
Supported Languages	Multiple, including English, French, German, Spanish, etc.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the screen and unit. Avoid abrasive cleaners or solvents.
- **Temperature:** Operate the unit within the specified temperature range (-20°C to 75°C) to prevent damage.
- **Software Updates:** Periodically check for software updates to ensure optimal performance and access to new features. Updates can typically be downloaded via WiFi.

TROUBLESHOOTING

Common Issues and Solutions

- **Unit does not power on:** Check all power connections. Ensure the vehicle's ignition is on. Verify the fuse.
- **No sound:** Check speaker connections. Verify volume levels and mute settings. Ensure the correct audio source is selected.
- **GPS signal lost or inaccurate:** Ensure the GPS antenna is properly connected and mounted in a location with a clear view of the sky.
- **Bluetooth connection issues:** Ensure Bluetooth is enabled on both the autoradio and your device. Delete previous pairings and try reconnecting.
- **Rear camera not displaying:** Check the camera's power and video signal connections. Ensure the reverse trigger wire is correctly connected.
- **Control button illumination issue:** If the control buttons do not light up, ensure the ILL wire is not connected. Instead, navigate to the unit's settings, find 'Day and Night lighting choice', and adjust 'Color keys' manually to activate the illumination.
- **Unit freezes or is unresponsive:** Perform a soft reset by pressing the reset button (if available) or by disconnecting and reconnecting the vehicle's battery (after ensuring the ignition is off).

WARRANTY INFORMATION

CAMECHO provides a **2-year manufacturer's warranty** for this product. In case of any issues, customer support aims to respond within 24 hours. A 30-day return policy is also available from the date of purchase. Please retain your proof of purchase for warranty claims.

CUSTOMER SUPPORT

For professional online help, technical assistance, or further instruction manuals, please contact CAMECHO customer support:
Email: bs_support21@126.com



Figure 7: Customer Support. This image depicts a customer service representative, symbolizing the availability of professional online help and support for the product.