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› CAMECHO Android 13 Car Stereo User Manual

CAMECHO CAMECHO-13

CAMECHO Android 13 Car Stereo User Manual

Model: CAMECHO-13

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your CAMECHO Android 13 Car Stereo. Please read this manual thoroughly before using the product to ensure proper functionality and safety.

1.1 Product Overview

The CAMECHO Android 13 Car Stereo is a 7-inch double DIN unit designed to enhance your in-car entertainment and navigation experience. It features a quad-core processor, 2GB RAM, 64GB ROM, and a high-resolution display. Key functionalities include wireless CarPlay and Android Auto, integrated GPS, Bluetooth for hands-free calls and music, FM/RDS radio, and Mirror Link capabilities.



Figure 1.1: Front view of the CAMECHO Android 13 Car Stereo, showing its 7-inch display and control knobs.

1.2 Compatible Vehicle Models

This car stereo is specifically designed for the following Opel vehicle models:

- Opel Astra (2004-2009)
- Opel Antara (2006-2011)
- Opel Vectra (2003-2008)
- Opel Corsa (2006-2011)
- Opel Zafira (2005-2011)
- Opel Meriva (2006-2011)
- Opel Vivaro (2006-2010)
- Opel Combo (2004-2011)
- Opel Signum (2003-2011)
- Opel Tigra Twin Top (2004-2011)

Suitable Models:

For Astra (2004-2009)
For Antara (2006-2011)
For Vectra (2003-2008)

For Corsa (2006-2011)
For Zafira (2005-2011)
For Meriva 2006-2011

For Combo(2004-2011)
For Signum(2003-2011)
For Tigra Twin Top(2004-2011)



Figure 1.2: Visual guide to compatible Opel models and a comparison of the dashboard before and after stereo installation.

2. SETUP AND INSTALLATION

Installation of the CAMECHO car stereo requires technical knowledge and familiarity with car audio systems. It is highly recommended to have the installation performed by a qualified professional to avoid damage to the unit or your vehicle.

2.1 Package Contents

Before installation, please verify that all components are present in the package:

- Main Head Unit (7-inch display)
- Power Cable
- RCA Cable
- Rear Camera Input Cable
- Radio Antenna
- GPS Antenna
- USB Cables (x2)
- Canbus Box
- Brackets
- User Manual (this document)

Packing List & Size

214mm / 8.4inch



198mm / 7.8inch

120mm / 4.7inch



1.Power Cable

2.RCA Cable

3.8Pin Canbus Plug

4.USB Cable

5.USB Cable

6.Rear Camera Input Cable

7.Radio Antenna

8.GPS Antenna

9.Canbus

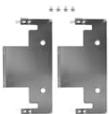
 Power Cable	 RCA Cable	 Rear Camera Input Cable	 Radio Antenna	 Accessories	
 Power Cable	 Bracket	 GPS Antenna	 USB Cable	 User Manual	 Canbus

Figure 2.1: Detailed view of the product dimensions and the complete packing list, including various cables and accessories.

2.2 Compatibility Check

It is crucial to confirm your original car system configuration, year, and central control panel layout before purchasing

and installing to ensure compatibility. Incorrect installation or incompatible models may lead to 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

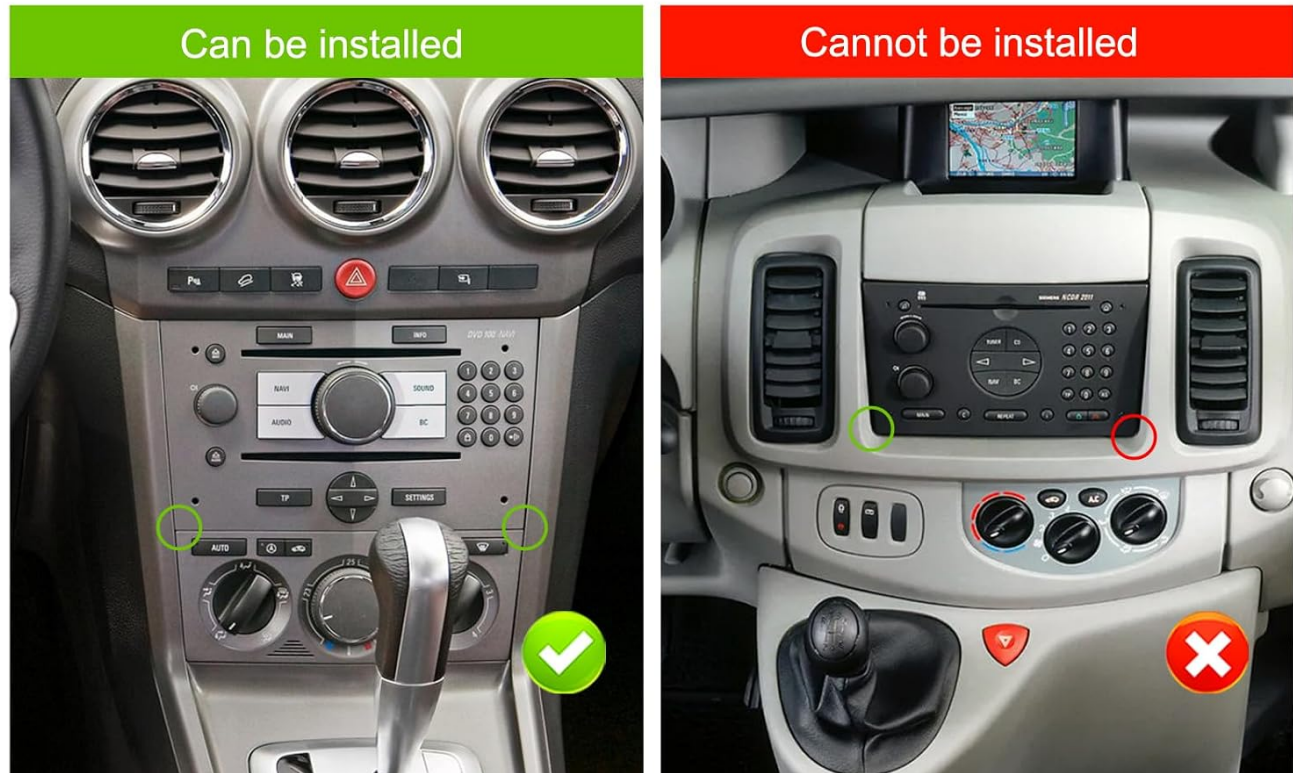


Figure 2.2: Visual guide for checking dashboard compatibility. Green check indicates compatible, red cross indicates incompatible.

2.3 Wiring and Connections

Connect the provided cables to their respective ports on the head unit and your vehicle's wiring harness. Ensure all connections are secure to prevent intermittent issues. The Canbus box facilitates communication between the stereo and your vehicle's systems, such as steering wheel controls.

- **Power Cable:** Connects the stereo to the vehicle's power supply.
- **RCA Cable:** For audio/video output to external amplifiers or monitors.
- **Rear Camera Input Cable:** Connects to an optional external rear view camera.
- **Radio Antenna:** Connects to the vehicle's radio antenna.
- **GPS Antenna:** Position this antenna in a location with a clear view of the sky for optimal GPS signal reception.
- **USB Cables:** For connecting USB devices, data transfer, and wired CarPlay/Android Auto.

3. OPERATING INSTRUCTIONS

This section details the primary functions and how to operate your CAMECHO Android 13 Car Stereo.

3.1 Wireless CarPlay & Android Auto

Connect your iPhone or Android smartphone wirelessly to access CarPlay or Android Auto. This allows you to use voice commands for navigation, making calls, sending/receiving messages, and playing music directly from your phone's interface displayed on the stereo screen.

- Ensure Bluetooth and Wi-Fi are enabled on your smartphone.
- On the stereo, select the CarPlay or Android Auto application.
- Follow the on-screen prompts to pair your device.

Carplay & Android Auto

Compatible with the latest IOS and Android system, with voice control is specially designed for driving scenarios, it's a smarter, safer way to use your cell phone while you drive. You can get directions, make calls, send and receive messages, and enjoy your favorite music.



Figure 3.1: Display of CarPlay and Android Auto interfaces, demonstrating seamless integration with smartphones.

3.2 GPS Navigation & WiFi Connectivity

The stereo features a built-in GPS module supporting both online and offline navigation. Connect to a Wi-Fi network (e.g., mobile hotspot) to access online maps, browse the internet, stream videos, and download various applications from the app store.

- **Online Navigation:** Connect to Wi-Fi and use pre-installed map applications or download your preferred navigation app.

- **Offline Navigation:** Download free maps within applications like "Here WeGo" when connected to the internet, then use them offline.
- **Wi-Fi Connection:** Go to Settings > Network & Internet > Wi-Fi to connect to an available network.

WiFi Connection & GPS Navigation

When connect to WIFI, you will find a new world that you could use online map and download any APP you need, or see TV shows/live. Built-in GPS module supports a variety of map software, you can use online or offline map



Figure 3.2: The stereo screen displaying online content (YouTube) and navigation (Google Maps), powered by Wi-Fi and GPS.

3.3 Bluetooth Functionality

The integrated Bluetooth module allows for hands-free calling and wireless music streaming from your mobile phone.

- **Pairing:** Enable Bluetooth on your phone and search for the stereo (usually named "CAMECHO" or similar). Select it to pair.
- **Hands-Free Calling:** Once paired, you can make and receive calls directly through the stereo, with audio routed through your car's speakers and using the built-in microphone. The phonebook can be automatically loaded.
- **Music Streaming:** Play audio from your phone wirelessly through the car stereo.

3.4 FM/RDS Radio

Enjoy your favorite radio stations with the built-in FM/RDS tuner. The RDS (Radio Data System) feature displays station information, song titles, and traffic updates where available.

- **Frequency Range:** 87.5 MHz - 108 MHz.
- **Presets:** Up to 18 radio stations can be preset for quick access.
- **Tuning:** Use the on-screen controls or physical buttons to scan for stations or manually tune.



Figure 3.3: Screenshots of the Bluetooth calling screen and the FM/RDS radio interface.

3.5 Mirror Link Function

The Mirror Link function allows you to mirror the screen of your smartphone (both iOS and Android) onto the car stereo display. This enables you to view content from your phone, such as videos or photos, directly on the larger screen.

- **iOS:** Connect via Wi-Fi.
- **Android:** Connect via USB or Wi-Fi.
- Access the Mirror Link application on the stereo and follow the instructions to connect your device.

Mirror link

All video and audio from your phone can be mirrored onto the radio.



Figure 3.4: Illustration of the Mirror Link feature, allowing smartphone content to be displayed on the car stereo.

3.6 Steering Wheel Control

The unit supports original steering wheel controls, allowing you to manage audio playback, volume, and other functions without taking your hands off the wheel. This feature requires proper connection via the Canbus box during installation.

3.7 Split Screen Function

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

3.8 Rear Camera Support

The stereo supports an external rear view camera (not included). When connected, the display will automatically switch to the camera view when the vehicle is put into reverse gear, aiding in safe parking and maneuvering.

4. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your car stereo.

- **Cleaning:** Use a soft, dry cloth to clean the screen and exterior. For stubborn smudges, a slightly damp cloth with a mild, non-abrasive cleaner can be used, but avoid spraying directly onto the unit.
- **Software Updates:** Periodically check for software updates via the system settings when connected to Wi-Fi. Updates can improve performance, add features, and fix bugs.
- **Avoid Extreme Temperatures:** Do not expose the unit to extreme heat or cold, as this can affect its electronic components.
- **Protect from Liquids:** Keep liquids away from the unit to prevent short circuits and damage.

5. TROUBLESHOOTING

If you encounter issues with your CAMECHO car stereo, refer to the following common troubleshooting steps. If the problem persists, contact customer support.

Problem	Possible Cause	Solution
No Power	Loose power connection, blown fuse, vehicle battery issue.	Check power cables and fuse. Ensure vehicle battery is charged. Consult a professional for wiring inspection.
No Sound	Volume too low, mute activated, loose speaker wires, incorrect audio settings.	Increase volume. Check if mute is on. Verify speaker connections. Adjust audio output settings.
GPS Signal Lost/Weak	GPS antenna obstructed or improperly placed, poor satellite coverage.	Ensure GPS antenna has a clear view of the sky. Check antenna connection. Move vehicle to an open area.
Bluetooth Connection Issues	Bluetooth not enabled, device not paired, interference.	Ensure Bluetooth is on for both devices. Re-pair the device. Clear previous pairings. Move closer to the unit.
Touchscreen Unresponsive	System freeze, temporary software glitch.	Restart the unit (if possible, use reset button or power cycle). If persistent, contact support.

6. SPECIFICATIONS

Detailed technical specifications for the CAMECHO Android 13 Car Stereo:

Feature	Detail
Operating System	Android 13
Screen Size	7 inches
Resolution	1024 x 600 pixels
RAM	2 GB
ROM (Internal Storage)	64 GB
Output Power	4 x 45 W

Feature	Detail
Connectivity	USB, Bluetooth, Wi-Fi
Special Features	Wireless Apple CarPlay, Wireless Android Auto, Mirror Link, Built-in GPS, FM/RDS Radio, Steering Wheel Control Support, Split Screen Support, External Rear Camera Support
Audio Formats Supported	APE, FLAC, WAV, MP3, WMA, etc.
Video Formats Supported	MKV, RMVB, AVI, MP4, MDV, H.264, H.265/HEVC, MPEG-4, etc.
Image Formats Supported	PNG, JPEG, JPG, GIF, WBMP, BNP, etc.
Factory Defined Keyword	1234

7. WARRANTY AND SUPPORT

For any product-related inquiries, technical assistance, or warranty claims, please contact the seller directly through the platform where you purchased the product. The seller, Icamecho, is responsible for providing customer support and addressing any issues you may encounter.

Please retain your proof of purchase for warranty purposes.