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CAMECHO 1

CAMECHO Android 13 Car Radio User Manual

Model: 1 | For Renault Sandero (2019-2024)

1. PRODUCT OVERVIEW

The CAMECHO Android 13 Car Radio is a 10-inch capacitive touchscreen head unit designed for Renault Sandero models from 2019 to 2024. It features an Android 13 operating system, a quad-core CPU, 1GB RAM, and 32GB ROM, providing a modern infotainment experience. Key functionalities include integrated GPS navigation, Wi-Fi connectivity, Bluetooth 4.0 for hands-free calling and music streaming, FM/RDS radio, Mirror Link for smartphone integration, and support for original steering wheel controls.

Important Compatibility Note: Do not purchase or install this product if your vehicle is equipped with a CAN bus system, as it is not compatible.

2. PACKAGE CONTENTS

Please verify that all items listed below are included in your package:

- 1 x Android Car Radio Unit
- 1 x External Microphone
- 1 x Wiring Harness
- 1 x GPS Antenna
- 1 x RCA Cable
- 2 x USB Cables
- 1 x User Manual
- 1 x Backup Camera (if included in your specific package)



Before installation



After installation

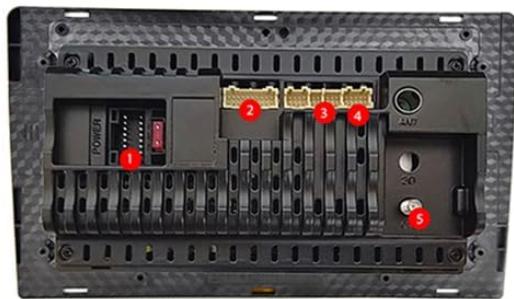
255mm/10inch



10.1inch

169mm/6.7inch

262mm/10.3inch



1. Power cord

2. RCA

3. USB

4. Backup Camera

5. GPS antenna



USB Cable



GPS Antenna



Rear Camera Input Cable



Power Cable



RCA Cable



USB Cable



RCA Cable



User Manual



Rear camera



Microphone



Canbus



Installation Tool

Image: The CAMECHO Android 13 Car Radio shown before and after installation in a vehicle dashboard, highlighting its 10.1-inch screen and overall dimensions (262mm/10.3inch width, 169mm/6.7inch height). Below, the rear view of the unit displays connection ports for power, RCA, USB, backup camera, and GPS antenna. The image also illustrates the included accessories: USB cables, GPS antenna, rear camera input cable, power cable, RCA cable, user manual, rear camera, microphone, Canbus (if applicable), and installation tool.

3. SETUP AND INSTALLATION

3.1 Pre-Installation Check

- Ensure your vehicle is compatible with a double DIN 10-inch head unit.
- Confirm your vehicle does NOT have a CAN bus system.
- Disconnect the vehicle's battery before starting installation to prevent electrical damage.

3.2 Wiring Connections

Refer to the wiring diagram provided in the included user manual and the labels on the rear of the unit for correct connections. Common connections include:

- **Power Cord:** Connect to the vehicle's power supply (ACC, B+, Ground).
- **RCA Cables:** For audio output (e.g., to external amplifier) and video input/output.
- **USB Cables:** For connecting USB devices (e.g., flash drives) or for wired Mirror Link.
- **Backup Camera Input:** Connect the included backup camera (if applicable) for automatic display when reversing.
- **GPS Antenna:** Mount in a location with a clear view of the sky for optimal signal reception.
- **External Microphone:** Connect for improved call quality during Bluetooth hands-free operation.

3.3 Mounting the Unit

Carefully insert the head unit into the dashboard opening. Secure it using the provided mounting brackets and screws. Ensure all cables are properly routed and not pinched.

4. OPERATING INSTRUCTIONS

4.1 Power On/Off and Basic Controls

- **Power On:** The unit will power on automatically when the vehicle's ignition is turned on.
- **Power Off:** The unit will power off automatically when the vehicle's ignition is turned off.
- **Volume Control:** Adjust using the on-screen controls or steering wheel buttons (if configured).

4.2 GPS Navigation

The unit comes with an integrated GPS receiver, supporting Waze, Navfree, Yandex Map, and other navigation applications. It supports both online and offline maps.

- **Online Navigation:** Connect to Wi-Fi or a phone hotspot to use real-time traffic and map updates.
- **Offline Maps:** Download maps for your region to use navigation without an internet connection.

GPS Navigation & WIFI

Supports both online and offline navigation. Connect to the web to easily browse online content and download thousands of apps.



Online Map



Offline Map



Browse the Web



Download APP



Image: The CAMECHO Android 13 Car Radio screen showing GPS navigation with route details and map view. Below, the screen displays various applications like Spotify, YouTube, Facebook, and Instagram, illustrating the unit's Wi-Fi connectivity and app download capabilities.

4.3 Mirror Link Function

Mirror Link allows you to display your smartphone's screen content directly on the car radio's display. This function supports both wired and wireless connections.

- **For iOS (One-way Control):** Connect via Wi-Fi to mirror your iPhone screen. Control remains on the phone.
- **For Android (Two-way Control):** Connect via Wi-Fi or USB to mirror and control your Android phone directly

from the car radio screen.

Mirror Link

Transfer mobile phone content to the car radio screen with access to: videos, photos, music and other mobile phone features.



Image: The CAMECHO Android 13 Car Radio demonstrating the Mirror Link feature. It shows how iOS devices connect via Wi-Fi for one-way control, and Android devices connect via Wi-Fi/USB for two-way control, allowing the phone screen to be displayed and interacted with on the car radio.

4.4 Bluetooth Function

The integrated Bluetooth 4.0 module enables hands-free calling and wireless music streaming.

- **Pairing:** Go to the Bluetooth settings on the car radio and your phone. Search for available devices and select the car radio (usually named "CAMECHO" or similar). The default Bluetooth keyword is **0000**.

- **Hands-Free Calling:** Make and receive calls directly from the car radio screen. The phonebook can be automatically loaded.
- **Bluetooth Music:** Stream audio from your phone to the car radio speakers.

FM/RDS Radio

High-quality digital stereo FM/RDS Radio, Listen to music, newsletters and traffic information anytime, anywhere.

The image shows a digital radio interface with a frequency display of 102.6 MHz, a list of preset stations (90.00, 91.00, 98.00, 106.10, 108.00), and control buttons for Stop search, Back, Forward, DX, and Save. To the right, the RDS logo is displayed above three frequency labels: 99.50MHz, 89.00MHz, and 91.50MHz. A cartoon panda wearing headphones is playing a colorful keyboard, with musical notes floating around it.

Bluetooth Function

Support handsfree calling, phonebook download, bluetooth music play

The image shows a smartphone displaying a call screen with the number 400 699 5555 and a 'calling...' status. To the right is a central Bluetooth icon with signal waves. To the right of that is a car radio screen showing a dial pad with numbers 1 through 9, 0, *, and #, along with various function icons at the bottom.

Image: The CAMECHO Android 13 Car Radio screen displaying the FM/RDS radio interface with frequency tuning and preset stations. Below, the Bluetooth function is shown with options for BT Calls, BT Music, and Phone Book, alongside a smartphone connected via Bluetooth.

4.5 FM/RDS Radio

Enjoy high-quality digital stereo FM/RDS radio with automatic memory and preset scanning.

- **Tuning:** Use the on-screen controls to manually tune or scan for stations.
- **Presets:** Save your favorite stations for quick access.
- **RDS:** Radio Data System displays station information, song titles, and traffic announcements where available.

4.6 Reversing Camera Function

When a compatible backup camera is connected, the car radio automatically displays the rear view when the vehicle is put into reverse gear, enhancing parking safety.

- Features typically include guide lines, wide-angle view, waterproofing, and night vision.

Reversing Camera

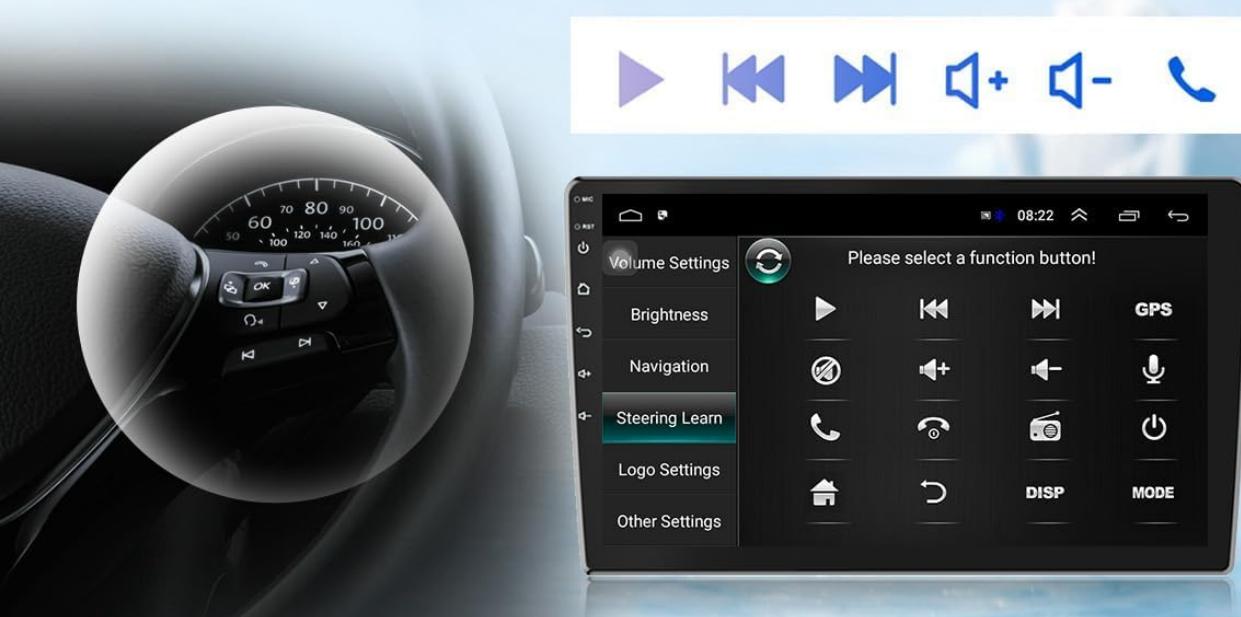
Compatible with high-definition reversing camera to enhance the safety of parking and reversing.



The image shows a reversing camera interface on a screen. The screen displays a parking garage with several white and black striped pillars. A blue and red dashed line is overlaid on the image to indicate the path or boundaries. Below the screen, there are four icons with labels: 'Guide Line', 'Wide Angle', 'Waterproof', and 'Night Vision'.

Steering Wheel Control

Support original car steering wheel button learning function, through it you can control the functions that you need by steering wheel, more convenient.



The image shows a close-up of a car's steering wheel with several buttons. To the right, a central infotainment screen displays a menu with options like 'Volume Settings', 'Brightness', 'Navigation', 'Steering Learn', 'Logo Settings', and 'Other Settings'. Below this menu, there is a grid of icons for controlling media (play, back, forward, volume up/down) and other functions (GPS, microphone, power, etc.).

Image: The CAMECHO Android 13 Car Radio screen displaying the view from a reversing camera with guide lines. Below, the unit shows the 'Steering Learn' interface for configuring steering wheel controls, with a steering wheel in the foreground.

4.7 Steering Wheel Control

The unit supports the original car steering wheel button learning function. This allows you to map functions like volume up/down, track skip, and mode selection to your vehicle's steering wheel buttons for convenient and safe operation.

- Access the 'Steering Learn' menu in the system settings to configure.

4.8 Split Screen Function

The split-screen feature allows you to run two applications simultaneously on the 10-inch display, such as navigation on one side and music playback on the other.



Image: The CAMECHO Android 13 Car Radio screen showing Equalizer (EQ) settings on the left and a split-screen view with navigation and music playback on the right. Below, various optional accessories are displayed: USB interface, OBD2 module, USB recorder, DAB+ module, internal microphone, and rear camera.

4.9 Optional Functions (Accessories Sold Separately)

The unit supports various external devices to expand its functionality. These accessories are typically not included in the standard package and must be purchased separately:

- **External DVR:** For recording driving footage.
- **OBD2:** For vehicle diagnostics.
- **DAB+:** For digital audio broadcasting.
- **Subwoofer:** For enhanced bass audio output.
- **USB Disk:** For additional media storage.
- **External Microphone:** For improved voice input.
- **Video Output:** For connecting external displays.

5. MAINTENANCE

5.1 Screen Cleaning

To clean the touchscreen, power off the unit and gently wipe the screen with a soft, lint-free cloth. For stubborn smudges, use a screen cleaner specifically designed for electronic displays. Avoid abrasive materials or harsh chemicals.

5.2 Software Updates

Periodically check the manufacturer's website or contact support for available software updates. Updates can improve performance, add new features, or fix bugs. Follow the provided instructions carefully when performing updates.

6. TROUBLESHOOTING

If you encounter issues with your CAMECHO car radio, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Unit does not power on	Incorrect wiring, blown fuse, vehicle ignition off	Check power connections, inspect vehicle fuses, ensure ignition is on.
No sound	Volume too low, incorrect audio settings, speaker wiring issues	Increase volume, check EQ settings, verify speaker connections.
GPS signal lost or inaccurate	GPS antenna obstructed or improperly installed	Ensure GPS antenna has a clear view of the sky and is securely connected.
Bluetooth connection issues	Device not paired, incorrect password, Bluetooth off	Ensure Bluetooth is enabled on both devices, re-pair, use default password 0000 .
Touchscreen unresponsive	System freeze, software issue	Restart the unit (turn vehicle ignition off and on). If issue persists, perform a factory reset (Factory Keyword: 8888).

If problems persist after attempting these solutions, please contact CAMECHO customer support.

7. SPECIFICATIONS

Feature	Specification
Operating System	Android 13
CPU	Quad-Core 1.3GHz
RAM + ROM	1GB RAM + 32GB ROM
Screen Size	10-inch Capacitive IPS Screen
Screen Resolution	1024 x 600 pixels (HD)
Bluetooth Version	4.0 (A2DP/Hands Free/Phonebook)
Bluetooth Keyword	0000
Factory Keyword	8888
USB Support	Max. 32GB flash memory
Audio Formats	MP3, AAC, FLAC, APE, WMA, WAV
Video Formats	AVI, 3GP/MP4, MOV, MPG, MKV, WMV, RMVB
Voltage	DC 12V
Connectivity	USB, RCA, Wi-Fi
Special Features	Touchscreen, GPS, Mirror Link, Steering Wheel Control, Split Screen

8. WARRANTY AND SUPPORT

8.1 Warranty Information

CAMECHO products are covered by a standard manufacturer's warranty. Please refer to the warranty card included in your package or contact customer support for specific details regarding warranty duration and terms.

8.2 Customer Support

For technical assistance, troubleshooting, or any questions regarding your CAMECHO Android 13 Car Radio, please contact our support team:

Email: CAMECHOVIP@126.com

Please provide your product model number and a detailed description of your issue when contacting support to ensure a prompt and effective resolution.