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## CAMECHO 6G+128G 8 Core Wireless Carplay Max

# CAMECHO 9-inch Android 13 Car Stereo User Manual

For BMW 1 Series (E81, E82, E87, E88)

## 1. INTRODUCTION AND OVERVIEW

This manual provides comprehensive instructions for the CAMECHO 9-inch Android 13 Car Stereo. This unit is specifically designed for BMW 1 Series models E81, E82, E87, and E88. It integrates advanced features such as an 8-core processor, 6GB RAM, 128GB internal storage, and a high-resolution 1280x720 IPS touchscreen. Key functionalities include wireless CarPlay, Android Auto, integrated GPS navigation, Bluetooth 5.0 connectivity, Digital Sound Processor (DSP), FM/RDS radio, and support for a rear view camera. Please read this manual thoroughly to ensure proper installation and optimal use of your new car stereo system.

## 2. COMPATIBILITY

This CAMECHO car stereo is compatible with the following BMW 1 Series models:

- BMW 1 Series E81
- BMW 1 Series E82
- BMW 1 Series E87
- BMW 1 Series E88

**Important Compatibility Note:** This product is designed for vehicles with a **left-hand drive** configuration. Large screens are not supported for right-hand drive vehicles. Before purchasing or installing, please verify your car's central control panel matches the 'Option A' configuration shown below. If you are unsure about compatibility, please send a photo of your car's central control unit and the back of the original CD player to the seller for assistance.

# PLEASE NOTE



Before purchasing, please select the product based on your original car's central control panel. This product only supports Option A. If you require Option B, please contact our customer service for suitable recommendations.

## A: left-hand drive



## B: right-hand drive

Large screens are not supported



Image: Compatibility check showing a left-hand drive dashboard (Option A, compatible) and a right-hand drive dashboard (Option B, not compatible with large screens).

## 3. FEATURES

The CAMECHO car stereo offers a range of features to enhance your driving experience:

- **Operating System:** Android 13
- **Processor:** 8-core CPU for smooth performance
- **Memory & Storage:** 6GB RAM + 128GB ROM
- **Display:** 9-inch IPS touchscreen with 1280x720 resolution
- **Connectivity:** Built-in Bluetooth 5.0, Wi-Fi, and GPS
- **Smartphone Integration:** Wireless and wired Apple CarPlay & Android Auto, Mirror Link (wireless and wired)
- **Audio:** Digital Sound Processor (DSP) with 32-band equalizer for customizable sound, FM/RDS radio tuner
- **Multitasking:** Split-screen function to run multiple applications simultaneously
- **Voice Control:** Smart Voice Assistant support
- **Camera Support:** Rear view camera input (AHD/CVBS)
- **Steering Wheel Control:** Supports original steering wheel controls

- **Customization:** Multiple UI desktop themes and customizable home screen apps
- **Additional Functions:** Global weather display, network radio, video output, dual USB interfaces.

**Android 15**

**6GB+128GB**

<b>1080P</b> Touchscreen	<b>8 Cores</b> Chipset: 8 cores	<b>WIFI</b> Built-in WIFI
<b>Carplay</b> Carplay: Wireless + Wired	<b>GPS</b> Built-in GPS navigation	<b>Android Auto</b> Android Auto: Wireless + Wired
<b>Steering</b> Steering wheel control	<b>Camera</b> Rear view camera	<b>Radio</b> FM/RDS radio
<b>DSP</b> Car dsp tuning software	<b>BT</b> Built-in BT	<b>Voice</b> Support Intelligent Voice Control

Image: Overview of key features including Android OS, touchscreen, processor, and connectivity options.

## 4. SETUP AND INSTALLATION

This section outlines the general installation process. Professional installation is recommended.

### 4.1 Package Contents

Verify that all components are present in the package:

- Main Unit (9-inch display)
- Power Cable
- RCA Cable
- USB Cables (2 interfaces)
- GPS Antenna
- Radio Adapter
- Microphone
- Canbus Decoder
- Installation Tool
- User Manual
- AHD Rear Camera (optional purchase)
- Accessories (mounting brackets, screws)

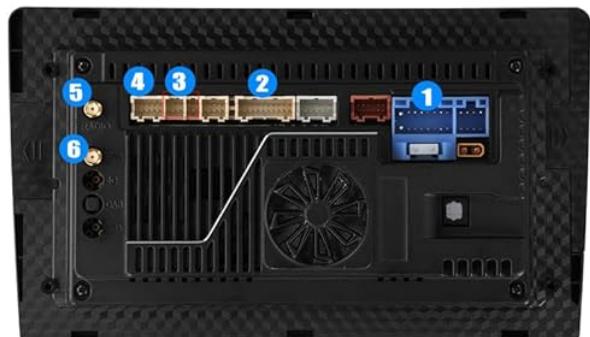


**Before Installation**



**After Installation**

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! (icamecho@hotmail.com) [Please replace"," with"."]



1. Power Cable	4. Camera Input
2. RCA Cable	5. Radio Adapter
3. USB Cable	6. GPS Antenna

Image: Visual comparison of the dashboard before and after installation, and a detailed view of the unit's rear connections and included accessories.

## 4.2 Pre-Installation Check

Before beginning installation, ensure your vehicle is compatible (refer to Section 2). Disconnect the car battery's negative terminal to prevent electrical shorts.

## 4.3 Installation Steps (General)

1. Carefully remove the original car stereo and trim panels. Refer to your vehicle's service manual for specific instructions.
2. Connect the main power cable (1) to the car's wiring harness.
3. Connect the RCA cables (2) for audio output and auxiliary input.
4. Connect the USB cables (3) for external devices.
5. Connect the camera input cable (4) if installing a rear view camera.
6. Connect the radio adapter (5) to the car's antenna.
7. Connect the GPS antenna (6) and position it in a location with clear sky view (e.g., dashboard).
8. Mount the new head unit into the dashboard opening using the provided brackets and screws.
9. Reconnect the car battery.
10. Turn on the car stereo and perform initial setup.

**Note:** The rear of the unit features clearly labeled ports for Power, RCA, USB, Camera Input, Radio Adapter, and GPS Antenna. Ensure all connections are secure.

## 5. OPERATING INSTRUCTIONS

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### 5.1 Basic Operation

- **Power On/Off:** Press and hold the power button.
- **Volume Control:** Use the volume knob or steering wheel controls.
- **Touchscreen:** Navigate menus and select functions by touching the screen.

### 5.2 Wireless CarPlay & Android Auto

Connect your smartphone wirelessly or via USB to access Apple CarPlay or Android Auto. This allows you to use compatible apps like Spotify, Google Maps, Waze, and WhatsApp directly on the car stereo display.

## Wireless Carplay



## Wireless Android Auto



## Wireless Mirror Link



Image: Demonstrates the interface for Wireless CarPlay, Android Auto, and Mirror Link.

### 5.3 GPS Navigation

The unit has a built-in GPS module. You can use pre-installed offline maps (requires internet for initial download) or online navigation apps like Google Maps, Waze, etc., when connected to Wi-Fi.

## GPS Navigation



## WiFi Connection



## Spilt Screen



Image: GPS navigation interface, Wi-Fi connection screen, and split-screen view.

### 5.4 Bluetooth 5.0

Pair your phone via Bluetooth for hands-free calling and audio streaming. The built-in microphone ensures clear communication.

## 32EQ DSP



## Bluetooth 5.0



## FM/RDS Radio



Image: DSP equalizer, Bluetooth calling screen, and FM/RDS radio interface.

### 5.5 FM/RDS Radio

Tune into your favorite FM radio stations. The RDS (Radio Data System) feature displays station information, traffic updates, and more.

### 5.6 Split Screen Function

Utilize the split-screen feature to run two applications simultaneously, such as navigation and music playback.

### 5.7 Steering Wheel Control (SWC)

The unit supports your car's original steering wheel controls. You can configure buttons to control volume, track changes, mode selection, and more directly from your steering wheel.

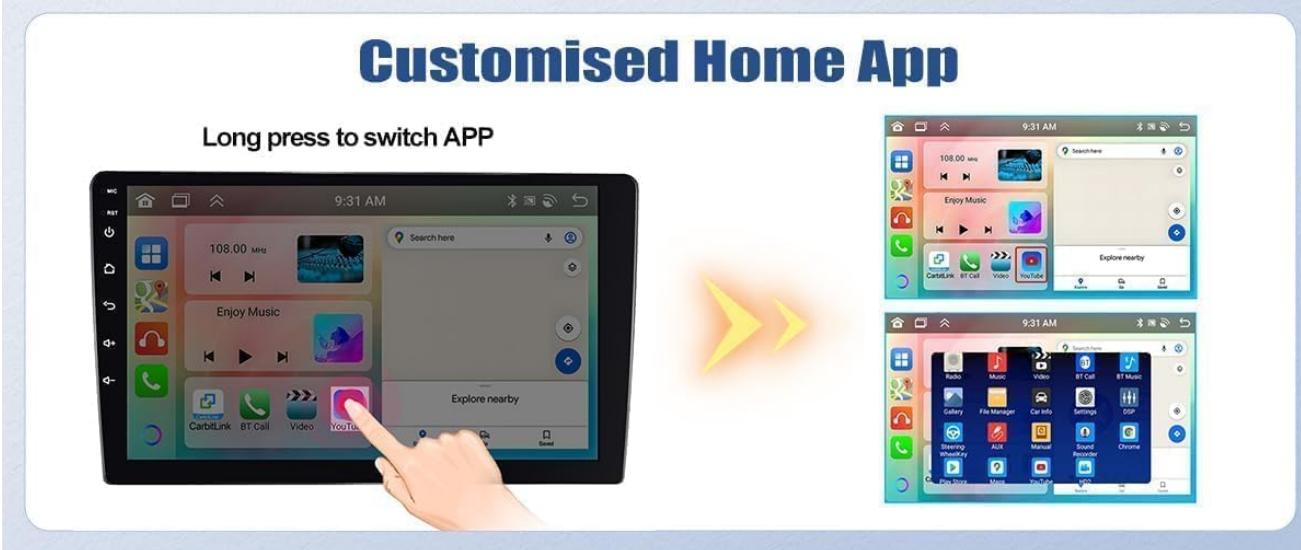


Image: Rear camera display, steering wheel control setup, and home screen customization.

## 5.8 Voice Assistant

Activate the smart voice assistant for hands-free control of navigation, music, and other functions.

# Optional Function

## Multiple UI chose



## Voice Assistant



## Global Weather Display



## Network Radio

There are mainstream radio stations from all countries that you can listen to even if you are not a local



Image: Various UI themes, voice assistant commands, weather forecast, and network radio interface.

## 6. MAINTENANCE

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

- 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). Extreme temperatures can affect performance.
- Software Updates:** Periodically check for and install software updates to ensure the system runs efficiently

and securely.

- **Cable Connections:** Ensure all cables are securely connected and free from damage.

## 7. TROUBLESHOOTING

If you encounter issues with your car stereo, refer to the following common troubleshooting tips:

- **No Power:** Check all power connections and the car's fuse box. Ensure the car battery is properly connected.
- **No Sound:** Verify speaker connections, volume settings, and audio source selection. Check if the mute function is active.
- **GPS Signal Loss:** Ensure the GPS antenna is properly installed and has a clear view of the sky.
- **Bluetooth Connection Issues:** Ensure Bluetooth is enabled on both the stereo and your phone. 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 Working:** Ensure your phone's operating system is up to date. Try connecting with a different USB cable or restarting your phone.

For persistent issues, please contact customer support.

## 8. SPECIFICATIONS

Feature	Specification
System	Android 13
Chipset	8257 (8-core)
Screen Size	9 inches
Memory (RAM)	6GB
Storage (ROM)	128GB
Screen Resolution	1280x720
Radio Chip	8035
Output Power	4 x 45W
Bluetooth Version	5.0
Operating Temperature	-20°C to 75°C
External Microphone Support	Yes
Radio Band	FM/RDS
Video Output	Support

Feature	Specification
Reverse Input	AHD/CVBS
Wi-Fi / Split Screen	Support
Maps	Built-in offline maps (requires internet for data download)
USB Interfaces	Dual USB
Audio Format Support	APE/FLAC/WAV/MP3/WMA
Video Format Support	MKV/RMVB/AVI/MP4/MDV
Image Format Support	PNG/JPEG/JPG/GIF/WBMP/BNP
Bluetooth Pairing Code	0000
Supported Languages	Spanish, German, English, French, Italian, Portuguese, Russian, Turkish, Vietnamese, Hebrew, Polish, Chinese, Arabic

## 9. WARRANTY AND SUPPORT

For warranty information, please refer to the documentation provided with your purchase or contact the seller directly. If you require technical assistance or have questions not covered in this manual, please reach out to CAMECHO customer support. Provide your product model number and a detailed description of the issue for efficient service.