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## CAMECHO 5" Wired Carplay+Rückfahrkamera

# CAMECHO 1 Din Carplay Autoradio with 5-inch Touch Screen User Manual

Model: 5" Wired Carplay+Rückfahrkamera

## 1. INTRODUCTION

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Thank you for choosing the CAMECHO 1 Din Carplay Autoradio. This device features a 5-inch full HD capacitive touch screen, offering seamless integration with your smartphone via Wireless Carplay and Android Auto. Enjoy hands-free calling, music streaming, FM radio, USB/AUX media playback, and a reversing camera input for enhanced driving safety. This manual provides detailed instructions for installation, operation, and maintenance to ensure optimal performance and user experience.

## 2. SAFETY INFORMATION

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- Read all instructions carefully before installation and operation.
- Professional installation is recommended for car electronics to prevent damage to the vehicle or the device.
- Do not operate the device in a way that distracts you from driving. Always prioritize road safety.
- Ensure all wiring is correctly connected to avoid short circuits or electrical hazards.
- Keep the device away from water and excessive moisture.
- Do not attempt to repair the unit yourself. Refer to qualified service personnel.

## 3. PACKAGE CONTENTS

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Verify that all items are present in the package:

- CAMECHO 1 Din Carplay Autoradio Unit
- Power Cord
- Horn Cable
- User Manual
- Mounting Brackets (2x)
- 12-Light Reversing Camera

- External Microphone
- Remote Control



Image: Overview of the CAMECHO Carplay Autoradio package contents, showing the main unit, reversing camera, external microphone, remote control, power cables, and mounting brackets.

## 4. PRODUCT OVERVIEW

### 4.1 Front Panel Controls

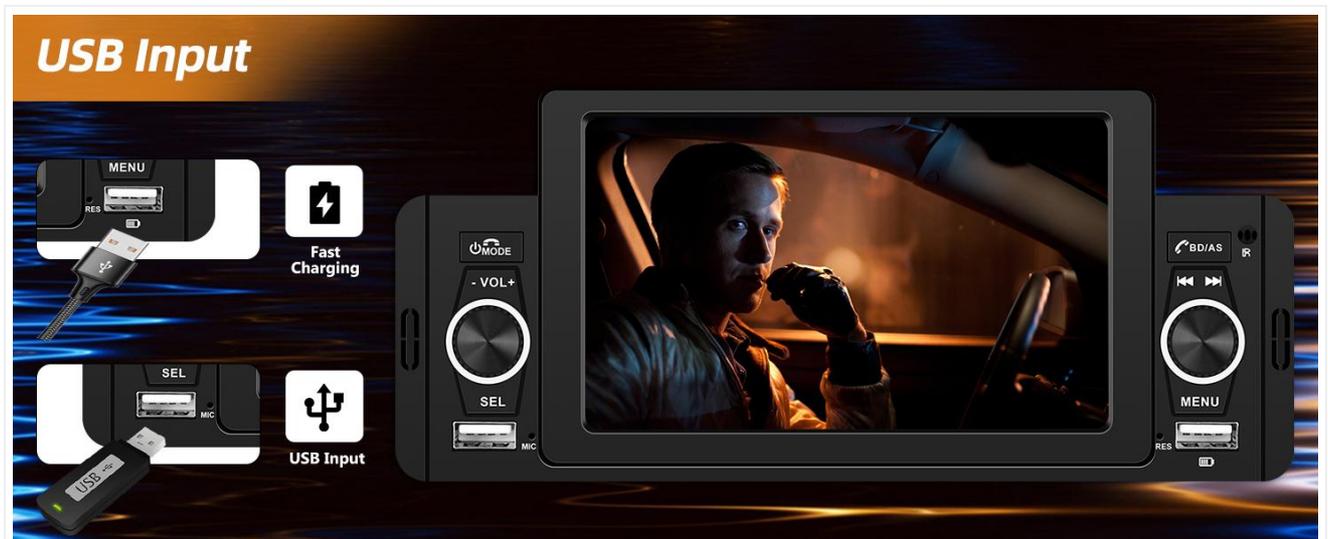


Image: Detailed diagram of the car stereo's front panel, highlighting controls such as volume, mode, selection, USB ports, and microphone input.

- **MODE:** Switch between different audio sources (Radio, USB, Bluetooth, AV IN, PhoneLink).
- **-VOL+ / SEL:** Rotate to adjust volume; press to select menu options.
- **USB:** USB input for media playback and fast charging.
- **MIC:** Built-in microphone for hands-free calls.
- **MENU:** Access the main menu or settings.
- **RES:** Reset button (small hole, use a pointed object).
- **BD/AS:** Band/Auto Store for FM radio.

## 4.2 Rear Panel Connections



Image: Rear view of the car stereo unit, illustrating the various input and output ports for power, speakers, microphone, camera, and radio antenna.

- **1. Power Cord:** Main power input.
- **2. Horn Cable:** Speaker output connections.
- **3.A-OUT-L / 4.V-OUT-R:** Audio/Video output (Left/Right).
- **5.V-IN:** Video input.
- **6.Microphone:** External microphone input.
- **7.A-OUT-R / 8.V-OUT2:** Additional Audio/Video output.
- **9.CAM-IN:** Reversing camera video input.

- **10. Radio Antenna:** FM radio antenna connection.

## 4.3 Remote Control Functions



Image: Diagram of the remote control, showing buttons for mute, mode, power, volume adjustment, track navigation, number input, and call functions.

- **MUTE:** Mute/unmute audio.
- **MODE:** Switch source.
- **POWER:** Turn unit on/off.
- **ENT:** Enter/Confirm.
- **PREVIOUS/NEXT:** Skip tracks/stations.
- **VOLUME+/-:** Adjust volume.
- **HANG UP/ANSWER:** Phone call controls.
- **NUMBER PAD:** Direct input for radio frequencies or phone numbers.

## 5. SETUP & INSTALLATION

### 5.1 Physical Installation

The CAMECHO Autoradio is designed for a standard 1-DIN installation slot. The unit dimensions are approximately 187mm (L) x 58mm (H) x 73mm (D) or 7.37 x 2.28 x 2.87 inches. Use the provided mounting brackets to secure the unit in your vehicle's dashboard.



Image: Dimensional drawing of the car stereo unit, indicating its 1-DIN size and the included mounting brackets for installation.

## 5.2 Wiring Diagrams

Ensure all wiring connections are made correctly before powering on the device. Incorrect wiring can cause damage to the unit or your vehicle's electrical system.

### 5.2.1 Power and Audio Cable Wiring



Image: Detailed wiring diagram illustrating connections for power (ACC, GND, Battery, Illumination, Reverse, Brake) and audio (front and rear speakers).

- **Red (ACC):** Connect to ignition switch +12V.

- **Black (GND):** Connect to ground wire B.
- **Blue (ANT):** Connect to radio antenna.
- **Green (ILLUMINATION):** Connect to illumination.
- **Brown (KEY):** Connect to steering wheel control.
- **Yellow (BATTERY):** Connect to power supply +12V.
- **Pink (REVERSE):** Connect to reversing camera trigger.
- **Orange (BRAKE):** Connect to parking brake cable.
- **Speaker Wires:** Connect to corresponding front and rear speakers (White/White-Black, Gray/Gray-Black, Green/Green-Black, Purple/Purple-Black).

### 5.2.2 Backup Camera Wiring



Image: Diagram showing how to connect the backup camera, including the video signal cable to the CAM-IN port and power connections to the reverse light positive and ground.

- Connect the camera's video output to the unit's **CAM-IN** port (RCA yellow connector).
- Connect the camera's power cable (Red) to the vehicle's reversing light positive (+12V).
- Connect the camera's ground cable (Black) to the vehicle's chassis ground.
- Connect the reverse trigger line (Pink wire from the main harness) to the reversing light positive. This signals the unit to switch to camera view when reverse gear is engaged.

## 6. OPERATING INSTRUCTIONS

### 6.1 Wireless Carplay and Android Auto

Connect your iPhone or Android phone to the autoradio via a wired USB connection to access Carplay or Android Auto. This allows you to use phone contacts, emails, notifications, map navigation, music, and video directly on the unit's screen, with voice control capabilities.



Image: The car stereo display showing the Carplay interface with various application icons like Phone, Music, Spotify, and Maps.



Image: An example of Carplay in use, demonstrating how to activate Siri for navigation commands.



Image: An example of Android Auto in use, showing the Google Maps interface and how to use Google Assistant for music playback.

## 6.2 Bluetooth Hands-Free

Pair your mobile phone with the autoradio via Bluetooth for hands-free calling and wireless music streaming. The included external microphone ensures clear call quality.

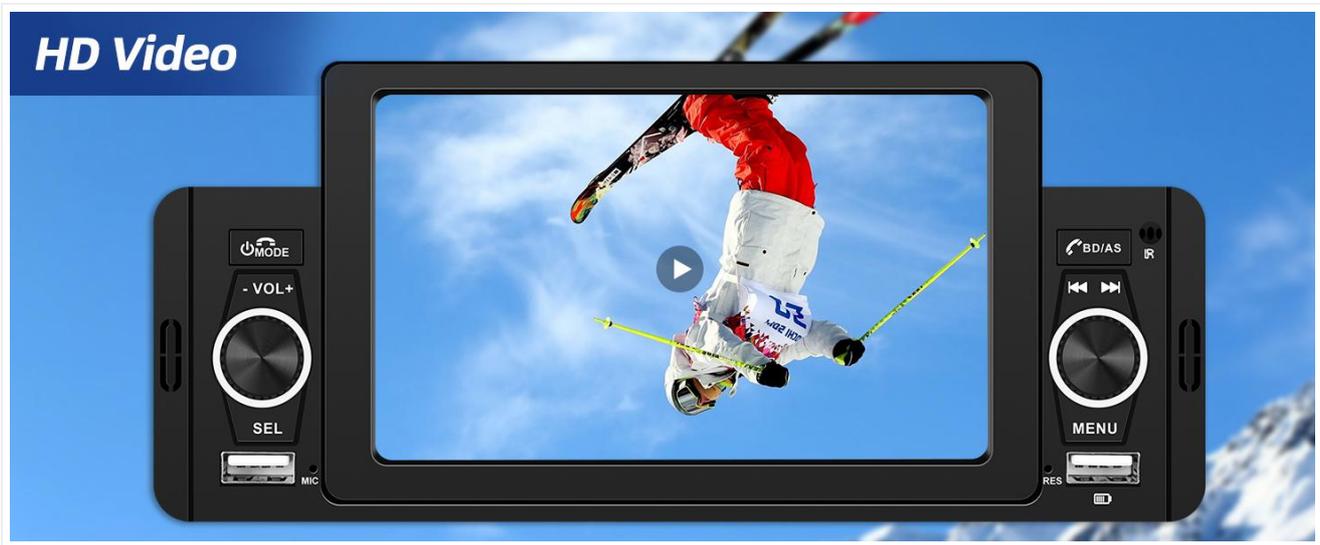


Image: The car stereo display showing the Bluetooth interface for making calls and playing music, with an illustration of a driver using hands-free communication.

### 6.3 Mirror Link

The Mirror Link function allows you to mirror your smartphone's screen onto the autoradio's display. This is compatible with iOS 13.3 and below, and Android 10.1 and below. Connect your phone via USB cable to activate this feature.



Image: The Mirror Link function in action, showing a smartphone's display mirrored onto the car stereo screen, enabling control of phone functions from the car's display.

### 6.4 FM Radio

Tune into your favorite FM radio stations. The unit includes an FM tuner with 18 preset stations for quick access to news, music, and travel information.



Image: The car stereo display showing the FM radio interface with frequency display and preset buttons.

## 6.5 USB/AUX Playback and Fast Charging

Utilize the USB input for playing audio and video files from a USB drive. The USB port also supports fast charging for your mobile devices.



Image: The car stereo displaying video content, with an illustration of a USB drive connected for media input and a phone connected for fast charging.

## 6.6 Steering Wheel Controls (SWC)

The autoradio supports OEM steering wheel control interfaces, allowing you to manage functions like volume, track changes, and mode switching directly from your steering wheel for a safer driving experience.



Image: The car stereo's settings menu showing options for configuring steering wheel controls, with an illustration of a hand pressing a steering wheel button.

## 6.7 Reversing Camera Input

When the vehicle is shifted into reverse gear, the unit automatically displays the feed from the connected reversing camera, providing a wide 170° view for safer parking and maneuvering.

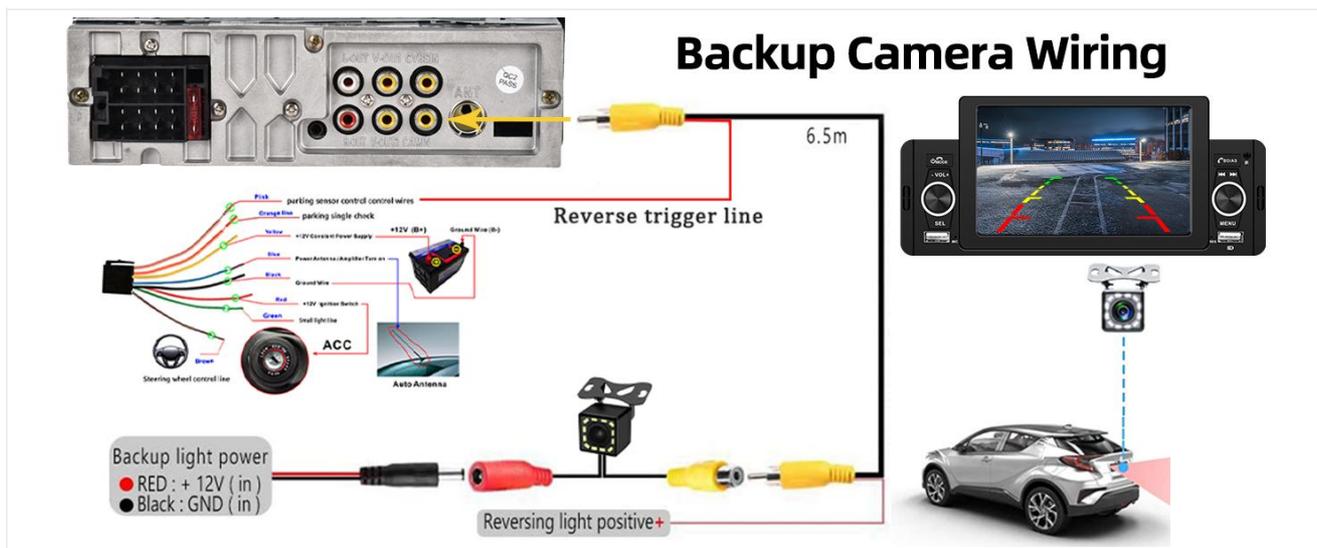


Image: The car stereo display showing a clear, wide-angle view from the reversing camera with parking guidelines, alongside an image of the camera itself.

## 6.8 7-Color Button Lights

Customize the LED backlight color of the unit's buttons. Choose from 7 different colors to match your vehicle's interior lighting or your personal preference.

# Power Cable Wiring & Audio Cable Wiring

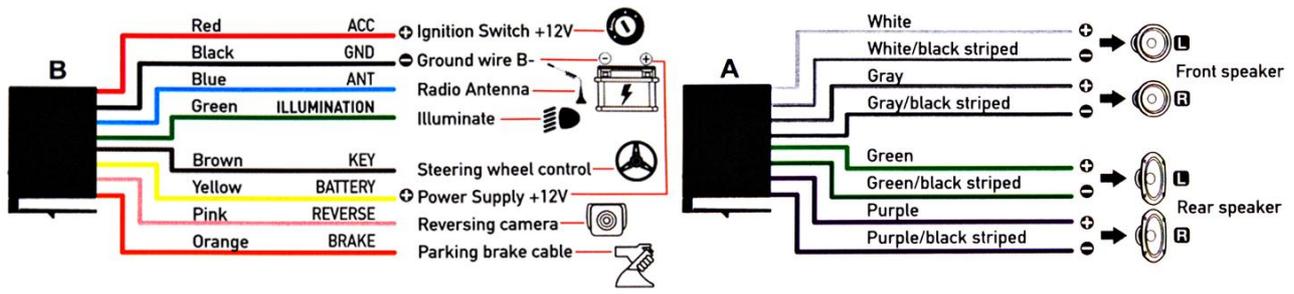


Image: A visual representation of the car stereo's buttons illuminated in seven different colors, demonstrating the customizable backlight feature.

## 7. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the screen and unit. Avoid abrasive cleaners or solvents.
- **Temperature:** Avoid exposing the unit to extreme temperatures, direct sunlight for prolonged periods, or high humidity.
- **Connections:** Periodically check all wiring connections to ensure they are secure.
- **Software Updates:** Check the manufacturer's website for any available software updates to improve performance and add features.

## 8. TROUBLESHOOTING

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

- **No Power:** Check all power connections (ACC, Battery, GND). Ensure the vehicle's ignition is on. Check the fuse.
- **No Sound:** Check speaker wiring. Ensure volume is not muted or set too low. Verify audio source selection.
- **Screen Not Responding:** Try resetting the unit using the RES button.
- **Bluetooth Connection Issues:** Ensure Bluetooth is enabled on both the unit and your phone. Delete previous pairings and try reconnecting.
- **Carplay/Android Auto Not Connecting:** Ensure your phone's operating system is compatible (iOS 13.3 and below, Android 10.1 and below for Mirror Link). Use a high-quality USB cable.
- **Reversing Camera Not Displaying:** Check camera wiring, especially the reverse trigger line. Ensure the camera is receiving power.

For persistent issues, please contact the seller or a qualified car audio technician for assistance.

## 9. SPECIFICATIONS

Feature	Specification
Brand	CAMECHO

Feature	Specification
Model Number	5" Wired Carplay+Rückfahrkamera
Color	Black
Screen Size	5.1 inches (Full HD Capacitive Touch Screen)
Connectivity Technology	USB Type A, 3.5 mm Jack, Bluetooth, FM Tuner
Special Features	Apple CarPlay, Android Auto, Mirror Link, Hands-Free Bluetooth, Steering Wheel Control (SWC), Reversing Camera Input, Fast Charging, 7-Color LED Backlight, 7-Band EQ
Audio Output Type	Bluetooth
Number of Channels	4
Power Output	4 Watts
Surround Sound Channel Configuration	4.0
Rechargeable Battery	No
Installation Size	1-DIN (187x58x73mm / 7.37x2.28x2.87 inches)

## 10. WARRANTY & SUPPORT

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This CAMECHO Autoradio comes with a manufacturer's warranty of 1 year. For any warranty claims, technical support, or operational issues not covered in this manual, please contact the seller directly through your purchase platform. Please provide your order number and a detailed description of the issue for prompt assistance.

Information regarding spare parts availability and guaranteed software updates is not available at the time of publication.