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## CAMECHO CAMECHO 4G+64G Android 13 Car Stereo for Subaru Outback 2010-2014

# CAMECHO Android 13 Car Stereo User Manual

For Subaru Outback 2010-2014 (Model: B0F5HGF2WD)

## 1. PRODUCT OVERVIEW

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This manual provides instructions for the CAMECHO 4G+64G Android 13 Car Stereo, a 9.7-inch touchscreen in-dash GPS head unit designed for Subaru Outback models from 2010 to 2014. It features Wireless/Wired CarPlay, Wired Android Auto, Bluetooth, DSP, GPS, WiFi, 32-band EQ, and AHD backup camera support.

**Note: This car radio is for the basic vehicle version only. If your car radio system includes Harman Kardon, this unit will not be compatible.**

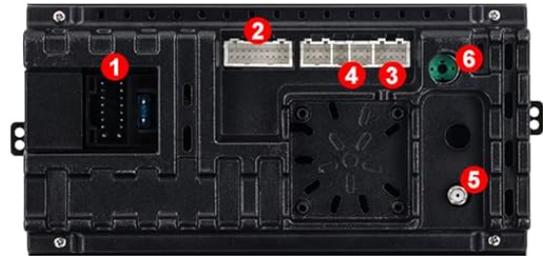
## 2. PACKAGE CONTENTS

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Verify that all items are present in the package:

- CAMECHO 9.7-inch Android 13 Car Stereo Head Unit
- Power Cable
- RCA Input/Output Cables
- Reversing Camera Input Cable
- USB Cables (multiple)
- GPS Antenna
- External Microphone
- AHD Backup Camera
- User Manual

# Size & Package Size



- 1.Power Cable
- 2.RCA Input/Output
- 3.Reversing Camera Input
- 4.USB Cable
- 5.GPS Antenna
- 6.Radio Antenna



Rear Camera Input Cable



GPS Antenna



Microphone



Power Cable



Rear Camera



USB Cable



User Manual



RCA Cable



RCA Cable

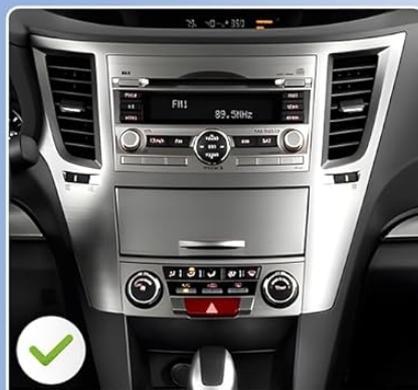
Figure 2.1: Package contents and dimensions of the CAMECHO car stereo. Includes the head unit, various cables (power, RCA, camera, USB), GPS antenna, microphone, and backup camera.

## 3. INSTALLATION GUIDE

### 3.1 Compatibility Check

Ensure your Subaru Outback (2010-2014) is the basic version without a Harman Kardon sound system for proper fitment and functionality.

# Installation Comparison



Before Installation



Not Fit



Not Fit



Carplay



Android auto



Mirror Link



Touchscreen



FM/RDS



AHD backup camera



Video



Music

Figure 3.1: Visual comparison of a Subaru Outback dashboard before and after installing the CAMECHO car stereo. Also shows examples of incompatible wiring harnesses.

## 3.2 Rear View Camera Wiring

The double DIN car stereo is equipped with an AHD, night vision, and waterproof backup camera. The rear image will automatically display on the touchscreen when the vehicle is in reverse.

- **Red Cable ①:** Connect to the positive pole of the car reversing light cable.
- **Black Cable ②:** Connect the negative pole of the car reversing light cable.
- The other two red extension cables (③ and ④) do not need to be connected.

## Reversing Assist



Figure 3.2: Detailed wiring diagram for the rear view camera, illustrating connections for power and video signal. The diagram shows connecting red cable 1 to the positive reversing light, black cable 2 to the negative reversing light, and the video cable to the monitor.

## Online & Offline GPS Navigation



Figure 3.3: Demonstration of the reversing assist function, displaying the backup camera view on the car stereo screen. Icons indicate AHD, waterproof, night vision, and wide-angle features.

## 4. OPERATING INSTRUCTIONS

### 4.1 Wireless/Wired CarPlay & Android Auto

The head unit supports both wireless and wired Apple CarPlay and Android Auto. This allows users to control navigation, make phone calls, play music, and send/receive messages using voice commands or the touchscreen interface.

**Note: Mirror Link functionality may not support all Samsung and Huawei devices.**

# Wired/Wireless Carplay & Android Auto

Support wireless and wired Carplay and Android Auto for mobile phone call, email, notification, map navigation, music, video



Hey, Siri. Navigate to the beach!

Hey, Siri. Call Jack.

OK Google, play pop music



For Android/IOS



**Note:** Not support samsung.

Figure 4.1: Display of the car stereo interface demonstrating wireless and wired CarPlay and Android Auto. Shows various app icons and voice command prompts like 'Hey Siri, Navigate to the beach!' and 'OK Google, play pop music'.

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Video 4.1: This video demonstrates the wireless CarPlay and Android Auto connection process, showing how to pair a smartphone with the car stereo for seamless integration of navigation, music, and communication features.

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Video 4.2: This video illustrates the Android Auto functionality on the car stereo, demonstrating how to connect an Android phone and use features like navigation, music playback, and hands-free calling.

## 4.2 Mirror Link

Mirror Link allows you to display your smartphone screen directly on the car stereo. This feature supports both Android and iOS devices.



Figure 4.2: Overview of CarPlay, Android Auto, and Mirror Link capabilities, showing how they integrate with the car stereo for enhanced connectivity.

## EQ Adjustment



Figure 4.3: Detailed view of Mirror Link for Android and iOS, illustrating how content from a smartphone is mirrored onto the car stereo display.

## 4.3 Bluetooth Hands-Free Calling & Music

The car radio supports Bluetooth for hands-free calling and music playback. It can automatically load your phonebook for convenience. An external microphone is included for clearer call quality.

## Bluetooth-Hands-free Calling

Support hands-free calls, Bluetooth music, loading phone books, etc.



## FM/RDS

87.0M-108M FM frequency, can preset 18 radio stations. Listen to real-time traffic information, news, weather forecasts ect.



Figure 4.4: Display showing Bluetooth hands-free calling features and the FM/RDS radio interface. The Bluetooth section includes a dial pad and call options, while the FM/RDS section shows radio frequency tuning.

### 4.4 FM/RDS Radio

Enjoy FM/RDS radio with the ability to preset 18 radio stations. Stay informed with real-time traffic information, news, and weather forecasts.

# Steering Wheel Control

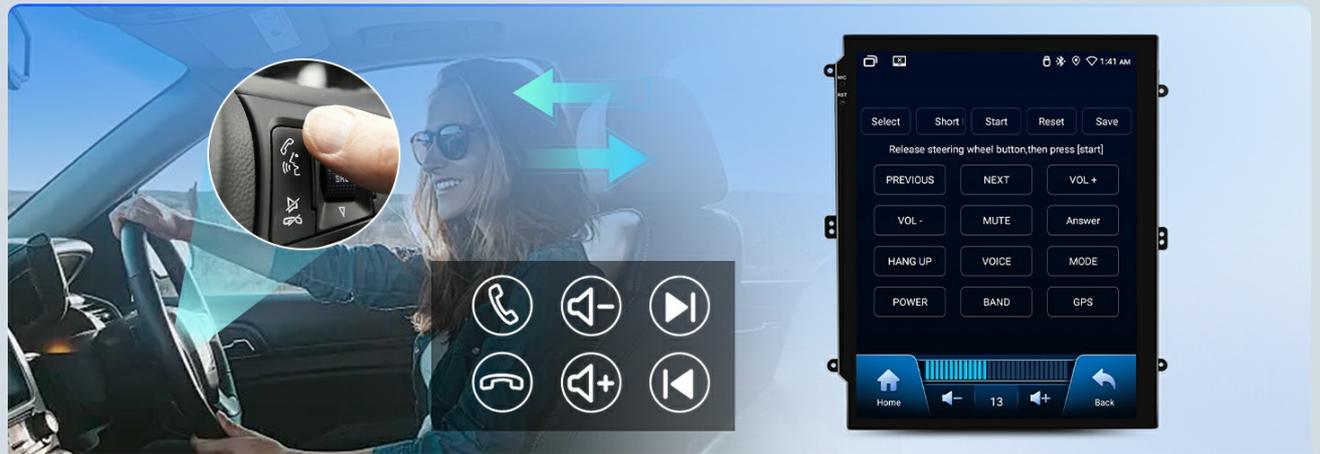


Figure 4.5: The FM/RDS radio interface, displaying available frequencies and controls for station selection. The image shows a range of FM frequencies from 87.5 to 108.0 MHz.

## 4.5 DSP & EQ Settings

Elevate your audio experience with advanced DSP audio technology and a 32-band EQ for customized sound. Explore various audio modes and adjustments for an immersive and tailored audio experience.

## Multi-theme + UI

Set your favorite theme



## Excellent Sound Quality

DSP+EQ



Figure 4.6: Display showcasing multiple UI themes and the DSP/EQ settings interface. The EQ section allows for detailed audio customization with a 32-band equalizer.

## FM/RDS Radio



Figure 4.7: The EQ adjustment screen, offering presets such as Jazz, Pop, Rock, and a custom mode for fine-tuning audio frequencies.

### 4.6 GPS Navigation & WiFi Connection

The car stereo has a built-in GPS receiver and WiFi connectivity. This enables both online and offline navigation, internet browsing, and access to various applications like GPS Maps, YouTube, TikTok, and Spotify. Stay connected while driving with incoming and outgoing calls, address book sync, and mobile phone music playback.

## WiFi Connection



Figure 4.8: The GPS navigation interface, showing a map with route information and icons for various navigation apps. This demonstrates both online and offline navigation capabilities.



Figure 4.9: The WiFi connection screen, displaying available networks and various app icons, signifying the ability to access online content and applications.

## 4.7 Steering Wheel Control (SWC)

The multimedia player supports the steering wheel control function, allowing you to manage song switching and volume directly from your steering wheel for safer driving.

## Easy Installation Backup Camera

Say goodbye to blind spots when maneuvering. Automatically turn to back up camera mode when you reverse your car. Make it safer and easy to park your car



## Steering Wheel Control

Support the use of the steering wheel to control answering calls, switching music, adjusting the volume, etc., to make you safer while driving

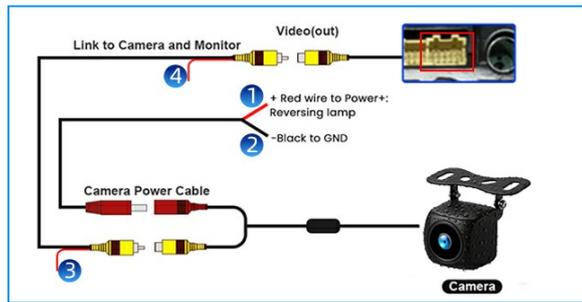


Figure 4.10: Illustration of steering wheel controls, showing how to answer calls, change tracks, and adjust volume without taking hands off the wheel.

# Rear View Wiring



**Tip:** The reversing input must be plugged in even when the reversing camera is not used.



**Red Cable ①:** Connect the positive pole of the car reversing light cable.  
**Black Cable ②:** Connect the negative pole of the car reversing light cable.  
 The other two red extension cables ③④ do not need to be connected.

Figure 4.11: The steering wheel control setup screen, allowing users to program and customize button functions for convenience and safety.

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Video 4.3: This video demonstrates the multifunctional display of the car radio, showcasing various features and settings accessible through the touchscreen interface.

## 5. SPECIFICATIONS

Feature	Detail
Item Weight	4.13 pounds
Product Dimensions	10 x 6 x 3 inches
Display Size	9.7 Inches
Voice Command	Touchscreen
Brand	CAMECHO
Vehicle Service Type	Car
Special Feature	Android 13 4G+64G, CarPlay & Android Auto & Mirror Link, FM/RDS & EQ, GPS & WIFI, SWC & AHD Backup camera
Connectivity Technology	Bluetooth, USB, Wi-Fi
Map Type	Worldwide
Audio Output Mode	Stereo
Mounting Type	Dashboard Mount

## 6. TROUBLESHOOTING

For common issues, please refer to the following:

- **Connection Issues:** Ensure Bluetooth and WiFi settings are correctly configured on both the car stereo and your smartphone. Verify that the correct pairing PIN (0000) is used for Bluetooth connections.
- **CarPlay/Android Auto Not Connecting:** Check for proper USB cable connection if using wired mode. For wireless, ensure your phone's personal hotspot is active and the car stereo is connected to it.
- **No Sound:** Check volume settings for media and calls in the car stereo's settings menu. Ensure 'Silence all sounds' is not enabled.
- **Backup Camera Not Displaying:** Verify the rear camera wiring connections, especially to the reversing light. The reversing input must be plugged in even when the camera is not in use.
- **System Lag/Unresponsiveness:** Ensure the system is up to date. Close unnecessary background applications.

## 7. WARRANTY AND SUPPORT

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### 7.1 Warranty Information

The product comes with a 1-year warranty. For detailed information regarding warranty claims and coverage, please contact customer support.

### 7.2 Customer Support

For online help and user manual inquiries, you can contact CAMECHO customer service. Look for the 'Ask a question' button on the product page or contact them via email.



Figure 7.1: Guide on how to access customer support by navigating to the seller's page and using the 'Ask a question' feature.