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Roinvou For Subaru Legacy Outback 2003-2009

Roinvou 9-Inch Android Car Radio Instruction Manual

Model: For Subaru Legacy Outback 2003-2009

Brand: Roinvou

1. Introduction

Thank you for choosing the Roinvou 9-inch Android Car Radio. This advanced car stereo system is designed to enhance your driving experience with its powerful Android operating system, wireless CarPlay/Android Auto, Bluetooth connectivity, GPS navigation, and a vibrant IPS touch screen. This manual provides detailed instructions for installation, operation, maintenance, and troubleshooting to help you get the most out of your new device.



Image: The Roinvou 9-inch Android Car Radio unit, along with its included backup camera, external microphone, and a smartphone displaying wireless CarPlay/Android Auto functionality.

2. Setup and Installation

2.1 Compatibility

This Roinvou car radio is specifically designed for Subaru Legacy and Outback models manufactured between 2003 and 2009. It is compatible with left-hand drive vehicles. Please verify your vehicle's dashboard configuration before proceeding with installation.



Image: Visual guide illustrating the fitment for left-hand drive Subaru Legacy Outback 2003-2009 dashboards and non-fitment for right-hand drive models.

2.2 Package Contents

Before beginning installation, ensure all components are present in the package:

- Roinvou Car Stereo for Subaru Legacy Outback
- Power Cable
- RCA Harness
- GPS Antenna
- AHD Backup Camera
- External Microphone
- Rear Camera Input Cable
- Dual USB Cable
- Installation Tool



Image: A visual representation of the complete package contents, including the main unit and all accompanying cables and accessories.

2.3 General Installation Overview

Installation of the car radio involves removing the factory stereo, connecting the new unit's wiring harness, and securing the new stereo in place. Due to the complexity of automotive electrical systems and dashboard modifications, professional installation is highly recommended. Ensure the vehicle's battery is disconnected before starting any electrical work.

2.4 Backup Camera Connection

To connect the AHD backup camera, follow the wiring diagram provided. The reverse input cable must be plugged into the stereo even if the reverse camera is not being used, as it can affect Bluetooth and Wi-Fi signal reception.



Image: Detailed wiring instructions for connecting the AHD backup camera to the Roinvou car stereo system.

2.5 Steering Wheel Control (SWC)

The unit supports steering wheel controls for added convenience. The connection method depends on whether your vehicle has a CANBUS decoder.

- **Without CANBUS Decoder:** Connect the plugs or the steering wheel control wires (Key1/Key2) in the power cable to the corresponding port or wire of your original car. Then, go to the "SteeringWheelKey" manual match setting to activate the button function.
- **With CANBUS Decoder:** Connect the CANBUS before powering on the machine. Navigate to Apps > Settings > Factory Settings (1234) > CAN Settings. Select the brand of the CANBUS decoder and the matching model and year according to your actual situation.



Image: Instructions for configuring steering wheel controls, detailing steps for both CANBUS and non-CANBUS systems.

3. Operating Instructions

3.1 Basic Operation and User Interface

The Roinvou car radio features a responsive HD capacitive touch screen. You can navigate through menus and

applications by tapping, swiping, and pinching. The system offers 28 different UI themes, allowing you to customize the visual appearance to your preference.



Image: A selection of the 28 customizable desktop themes available on the Roinvou car radio, demonstrating diverse aesthetic options.

3.2 Wireless/Wired CarPlay & Android Auto

Connect your smartphone to the car stereo via Bluetooth for wireless CarPlay/Android Auto, or use the original USB data cable for a wired connection. This feature allows you to access phone calls, music, GPS navigation, and smart voice control (Siri/Google Assistant) directly from the car's display.



Image: Demonstrates the voice assistant feature and the flexibility of wireless and wired connections for Apple CarPlay and Android Auto.

3.3 Bluetooth Connectivity

The built-in Bluetooth module supports hands-free calling, phone book synchronization, and audio streaming. Pair your phone with the stereo to make and receive calls safely while driving and enjoy your favorite music wirelessly.

3.4 GPS Navigation & WiFi

The unit comes with built-in GPS navigation. You can download offline navigation apps directly from the Play Store. Connect to a Wi-Fi hotspot (e.g., from your phone) to access online maps, stream music, watch videos on platforms like YouTube, and download various applications.



Image: Displays the GPS navigation interface and highlights the Wi-Fi connectivity feature, enabling access to online applications and streaming services.

3.5 Mirror Link

Mirror Link functionality allows you to synchronize your Android or iOS smartphone screen onto the car stereo's display. This enables you to view and interact with your phone's content, such as videos and apps, on the larger screen.



Image: Illustrates the Mirror Link feature, showing how a smartphone's display can be projected onto the car stereo for enhanced viewing.

3.6 FM/RDS Radio

The unit includes an FM/RDS radio tuner, allowing you to listen to your favorite radio stations with clear audio quality. Various sound effects with EQ can be adjusted to optimize your listening experience.



Image: Displays the user interfaces for FM RDS Radio, Bluetooth call management, and Digital Sound Processor (DSP) sound adjustments.

4. Maintenance

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

- **Cleaning:** Use a soft, dry cloth to clean the screen and exterior. For stubborn smudges, slightly dampen the cloth with water or a screen-safe cleaner. Avoid abrasive materials or harsh chemicals.
- **Software Updates:** Periodically check for software updates through the system settings (if available) to ensure you have the latest features and bug fixes.
- **Temperature:** Avoid exposing the unit to extreme temperatures, both hot and cold, for extended periods.
- **Connections:** Ensure all cables are securely connected to prevent intermittent issues.

5. Troubleshooting

If you encounter issues with your Roinvou car radio, refer to the following common troubleshooting steps:

- **No Power:** Check all power connections and fuses. Ensure the vehicle's ignition is on.
- **Bluetooth Connection Issues:** Ensure Bluetooth is enabled on both the stereo and your phone. Delete previous pairings and try reconnecting. Move closer to the unit if possible. Some users have reported intermittent connection issues; ensure the reverse input cable is properly connected even if the camera is not in use, as this can affect signal reception.
- **No Sound:** Check volume levels on both the stereo and your connected device. Verify speaker connections. Ensure the correct audio source is selected.
- **GPS Signal Lost:** Ensure the GPS antenna is properly installed and has a clear line of sight to the sky. Move the antenna if necessary.
- **Touch Screen Unresponsive:** Try restarting the unit. If the issue persists, a factory reset might be necessary (note: this will erase all user data).
- **Poor Radio Reception:** Check the antenna connection. Ensure the antenna is fully extended (if applicable).
- **Unit Does Not Fit Dash Properly:** As noted by some users, modifications to the center vents may be required, and the unit may not snap or lock perfectly into some dashboards. Professional installation is recommended to address fitment challenges.

If these steps do not resolve the issue, please contact customer support.

6. Specifications

Feature	Specification
Item Weight	3.52 pounds
Package Dimensions	14.17 x 8.27 x 3.15 inches
Display Size	9 Inches
Resolution	1024 x 600
Voice Command	Touchscreen, Microphone
Connectivity Technology	Bluetooth, Wi-Fi, USB
Map Type	North America
Audio Output Mode	Stereo
Mounting Type	Dashboard Mount
Special Features	Android Auto, Built-In Bluetooth, Apple CarPlay, Mirror Link, 28 UI Themes, 4 Core CPU, GPS Navigation, WiFi, SWC, Digital Display Screen

7. Warranty Information

The Roinvou 9-inch Android Car Radio comes with a**1-Year Warranty** from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use. Please retain your proof of purchase for warranty claims. The warranty does not cover damage caused by improper installation, misuse, accidents, or unauthorized modifications.

8. Customer Support

For any questions, technical assistance, or warranty claims, please contact Roinvou customer service. Our team is dedicated to providing support and ensuring your satisfaction.
Email: roinvouservices@163.com

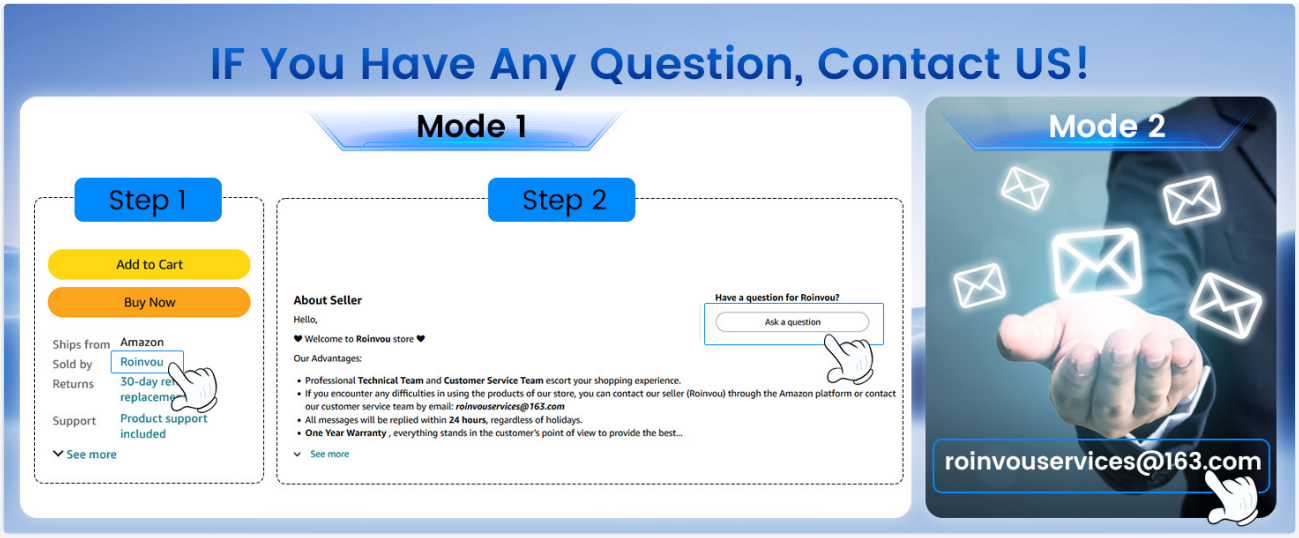


Image: Visual representation of Roinvou's customer support contact methods, emphasizing email communication.

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