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Roinvou d837c2cc-5b62-4f20-9eab-6df665ccb72b

Roinvou Car Stereo User Manual

Model: d837c2cc-5b62-4f20-9eab-6df665ccb72b

1. Product Overview

The Roinvou [8 Core 4G+64G] Car Radio is an advanced Android 15 car stereo designed for Lexus RX300, RX330, RX350, and RX400H models from 2004-2009. It features a 9-inch touch screen with 1280*720 ultra-high resolution, offering a superior visual experience. This unit integrates wireless Carplay and Android Auto, Bluetooth 5.0, 32-band EQ, GPS navigation, and 5G WiFi connectivity to enhance your driving experience with modern infotainment capabilities.



Figure 1.1: Roinvou Car Stereo and Included Accessories.

Key Features:

- **Vehicle Compatibility:** Specifically designed for Lexus RX350, RX330, RX400H, RX300 (2004-2009).
- **IOS Carplay & Android Auto & Mirror Link:** Built-in wireless/wired CarPlay and Android Auto for voice-assisted control, music, navigation, calls, and notifications. Supports screen mirroring via WiFi hotspot or USB.
- **32 EQ & FM/RDS Radio:** Features a 32-band EQ for enhanced sound quality and a built-in FM/RDS radio for broadcasts and traffic updates.
- **WIFI & GPS Navigation:** Connects to WiFi for app downloads (e.g., YouTube), online music, and built-in GPS navigation with offline map support.
- **1280*720 Ultra-high Resolution:** 1080P HD capacitive touch screen for clear visibility even in sunlight.
- **Backup Camera & Steering Wheel Control:** Automatically displays backup camera feed when reversing and supports existing steering wheel controls for convenience.

2. Setup and Installation

This section provides instructions for installing your Roinvou car stereo. It is highly recommended to watch the provided installation video for a visual guide.

2.1 Safety Precautions

WARNING: Disconnect the 12V battery before continuing with any installation or wiring to prevent electrical shock or damage to the vehicle's electrical system.

2.2 Installation Steps Overview

The installation process involves removing the existing factory radio unit, connecting the new wiring harness, and then installing the Roinvou car stereo. Ensure your vehicle is in park and the ignition is off before beginning.



Figure 2.1: Comparison of the dashboard before and after Roinvou Car Stereo installation.

2.3 Detailed Installation Guide (Video)

For a step-by-step visual guide on disassembling the center console and wiring, please refer to the official installation video:

▶ **Watch video online**

A7085 Center Console Disassembly Wiring Method

Video 2.1: A7085 Center Console Disassembly and Wiring Method. This video demonstrates the removal of the existing radio unit, disconnection of wires, and preparation for the new stereo installation.

2.4 Wiring Harness Connections

The Roinvou car stereo comes with a factory wiring harness and an amp harness to ensure compatibility with your vehicle's original amplifier. Follow the E.I.A. color code for standard stereo installations when connecting wires. Ensure all connections are secure and properly insulated.



Figure 2.2: E.I.A. Color Code for Radio Wiring Harness.

Specific wiring details for your Lexus model may vary. Refer to the detailed wiring diagram provided with your unit or consult a professional if unsure.

2.5 Included Components for Installation:

- for Lexus RX300 RX330 RX350 RX400H Car Stereo
- Power Cable
- Canbus Box
- Air Conditioning Adapter Cable
- RCA Harness
- GPS Antenna
- AHD Backup Camera
- External Microphone
- Rear Camera Input Cable
- Dual USB Cable
- Installation Tool



Figure 2.3: Product Size and Included Accessories List.

3. Operating Instructions

Once installed, your Roinvou car stereo offers a wide range of functionalities. This section guides you through its primary operations.

3.1 User Interface and Themes

The system runs on the latest Android system and offers a variety of UI desktop themes and wallpapers to personalize your experience.

▶ **Watch video online**
UI Functions & Carplay and Android Auto & Navigation

Video 3.1: UI Functions, Carplay, Android Auto, and Navigation demonstration.

3.2 Wireless Carplay & Android Auto

Connect your iOS or Android smartphone wirelessly or via USB to access features like music, navigation, calls, and notifications directly on the car stereo screen. This provides superior voice-assisted control and a safer driving experience.



Figure 3.1: Wireless Carplay, Android Auto, and Mirror Link capabilities.

3.3 Audio and EQ Settings

The unit features a 32-band EQ (Equalizer) to fine-tune your audio output. Adjust the frequency and equalization settings to compensate for original speaker limitations and achieve optimal lossless sound quality.

3.4 FM/RDS Radio

Utilize the built-in FM/RDS radio to listen to local broadcasts, real-time traffic updates, and weather forecasts. The RDS (Radio Data System) provides additional information like station names and song titles.

3.5 WIFI & GPS Navigation

Connect the stereo to a WiFi hotspot (e.g., from your phone) to download various applications from the Play Store, stream online music, and watch videos. The built-in GPS navigation allows you to download offline maps for use without

an internet connection, or use online maps when connected to WiFi.

3.6 Backup Camera & Steering Wheel Control

When shifting into reverse gear, the screen will automatically display the feed from the AHD backup camera, enhancing reversing safety. The unit also supports your car's existing steering wheel controls, allowing you to quickly switch functions without taking your hands off the wheel.



Figure 3.2: Reverse Image Display and Steering Wheel Control Interface.

4. Maintenance

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

- **Screen Cleaning:** Use a soft, lint-free cloth to gently wipe the touch screen. 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's settings menu. Updates can improve performance, add new features, and fix bugs.

- **Environmental Care:** Avoid exposing the unit to extreme temperatures, direct sunlight for prolonged periods, or excessive moisture.
- **Cable Management:** Ensure all cables are securely connected and not pinched or strained, which can lead to damage or intermittent issues.

5. Troubleshooting

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

- **No Power:**
  - Check all power connections and ensure they are securely plugged in.
  - Verify the vehicle's fuse related to the stereo.
  - Ensure the car battery is properly connected and charged.
- **No Sound:**
  - Check speaker wire connections.
  - Verify amplifier connections if applicable.
  - Ensure volume is not muted or set too low.
  - Check EQ settings for any extreme adjustments that might cause sound loss.
- **Touch Screen Unresponsive:**
  - Perform a soft reset of the unit (refer to the device's specific reset procedure, usually a small reset button).
  - Ensure the screen is clean and free of debris.
- **GPS Not Working:**
  - Ensure the GPS antenna is properly installed and has a clear view of the sky.
  - Check GPS settings within the unit to ensure it's enabled and configured correctly.
  - Update map data if necessary.
- **CarPlay/Android Auto Connectivity Issues:**
  - Ensure your phone's Bluetooth and Wi-Fi are enabled.
  - Try restarting both your phone and the car stereo.
  - Check USB cable connection if using wired mode.
  - Verify that your phone's operating system is up to date.

If the issue persists after attempting these steps, please contact Roinvou customer support for further assistance.

6. Specifications

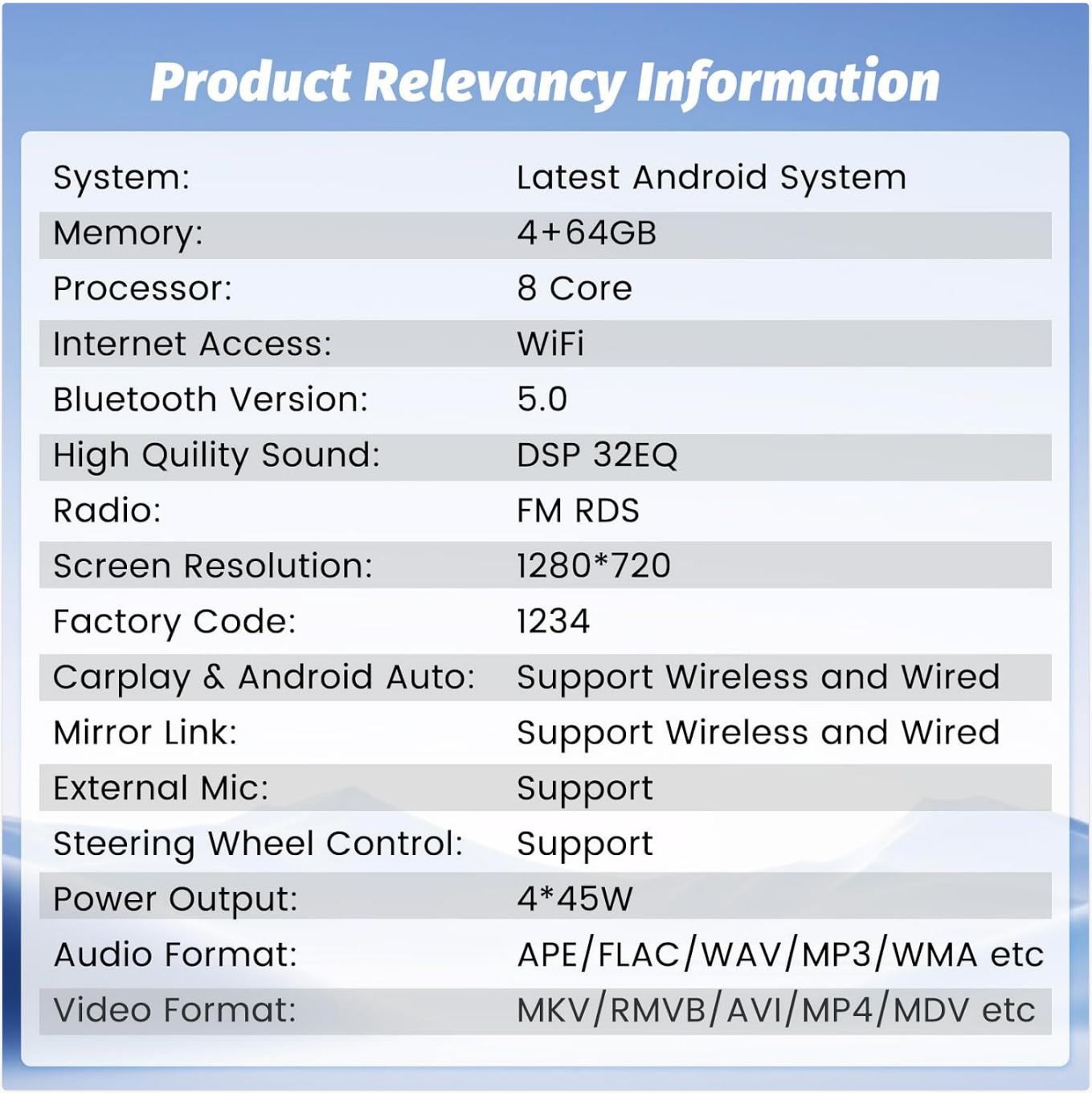


Figure 6.1: Product Relevancy Information and Specifications.

Roinvou Car Stereo Technical Specifications

Feature	Specification
System	Latest Android System
Memory Storage Capacity	64 GB (4+64GB configuration)
Processor	8 Core
Internet Access	5G WiFi
Bluetooth Version	5.0
High Quality Sound	DSP 32EQ
Radio	FM RDS

Feature	Specification
Screen Resolution	1280*720
Display Size	9 Inches
Carplay & Android Auto	Support Wireless and Wired
Mirror Link	Support Wireless and Wired
External Mic	Support
Steering Wheel Control	Support
Power Output	4*45W
Audio Format	APE/FLAC/WAV/MP3/WMA etc.
Video Format	MKV/RMVB/AVI/MP4/MDV etc.
Item Weight	3.52 pounds
Package Dimensions	13.39 x 6.5 x 4.53 inches
Country of Origin	China

7. Warranty and Support

The Roinvou Car Stereo comes with a **1-Year Warranty** from the manufacturer, Roinvou. For any technical support, warranty claims, or inquiries, please contact Roinvou customer support directly.

Manufacturer: Roinvou

For support, visit the Roinvou Store on Amazon or refer to the contact information provided with your product packaging.

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