

- Manuals.plus /
- › Roinvou /
 - › Roinvou Qualcomm 8-Core 9-inch Double Din Car Radio Stereo User Manual

Roinvou d7ceac75-0503-44e0-b1a4-db07ad6c9b46

Roinvou Qualcomm 8-Core 9-inch Double Din Car Radio Stereo User Manual

Model: d7ceac75-0503-44e0-b1a4-db07ad6c9b46

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Roinvou Qualcomm 8-Core 9-inch Double Din Car Radio Stereo. Please read this manual thoroughly before using the product to ensure proper function and safety.



Image 1.1: Roinvou 9-inch Double Din Car Radio Stereo with its main screen displaying various applications.

2. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- Qualcomm Car Stereo Unit
- Power Cable
- RCA Harness
- Radio Antenna
- Radio Adapter Cable
- GPS Antenna
- AHD Backup Camera
- External Microphone
- Rear Camera Input Cable
- 2 x USB Cables
- Accessories (Mounting Brackets)



Image 2.1: Visual representation of the items included in the product package.

3. PRODUCT OVERVIEW

The Roinvou car stereo features a Qualcomm 8-core processor, Android 15 operating system, and a 9-inch QLED touch screen. It integrates various functionalities for an enhanced in-car experience.

3.1 Key Features

- **Operating System:** Android 15.0
- **Processor:** Qualcomm 8-core 1.8GHz CPU
- **Memory:** 3GB RAM + 32GB Internal Storage
- **Display:** 9-inch 1280*720 QLED Touch Screen
- **Connectivity:** Wireless/Wired CarPlay & Android Auto, Bluetooth 5.0, Wi-Fi
- **Audio:** Built-in DSP, FM/RDS Radio, 4.2-Channel Audio Output
- **Navigation:** Integrated GPS
- **Camera Support:** 720P AHD Rear View Camera Input (camera included)
- **Additional Features:** Steering Wheel Control, Picture-in-Picture, UI Display, 3D Car Model Showcase, Voice Control (optional), OBD2 & DAB+ support (additional purchase)



Image 3.1: Overview of the internal hardware, highlighting the Qualcomm 8-core processor and memory configuration.

HD QLED Touch Screen



QLED



Touch Screen



99% sRGB

720*360

960*480

1280*720

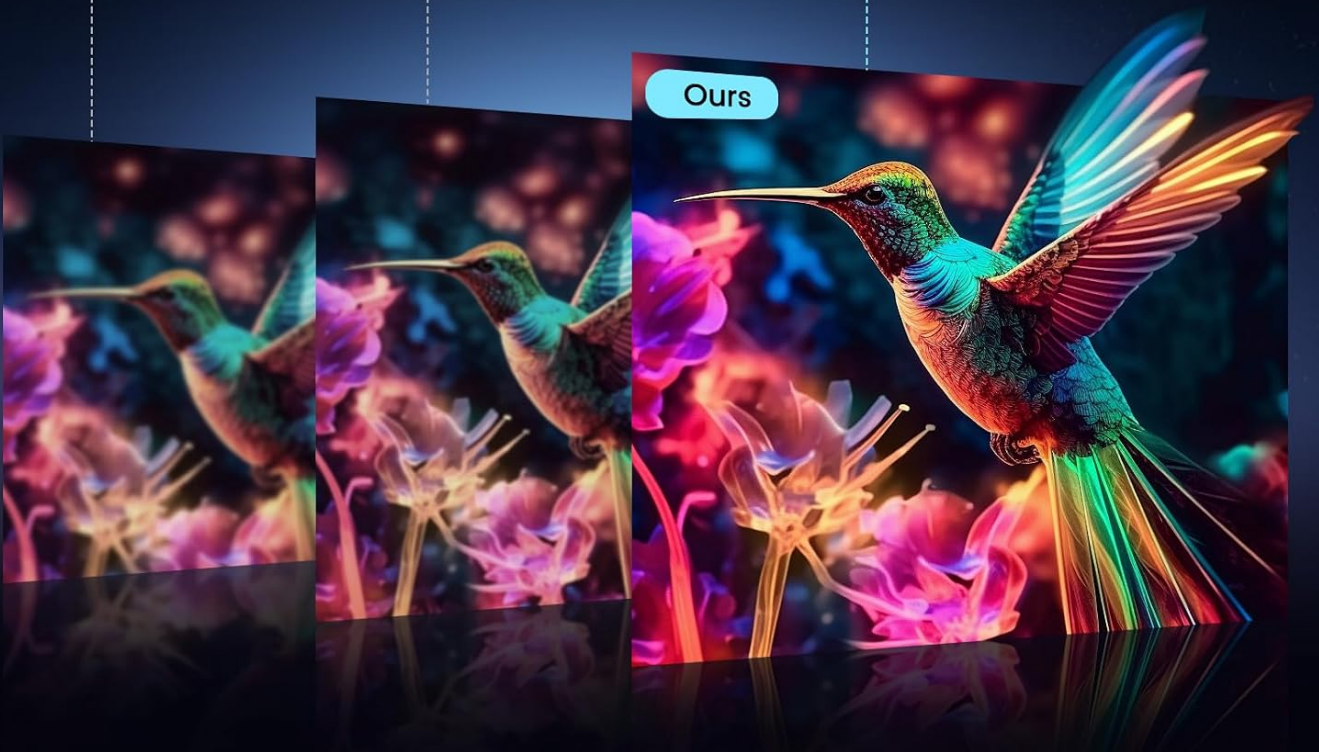


Image 3.2: Visual comparison demonstrating the clarity and resolution of the 9-inch 1280*720 QLED touch screen.

4. SETUP & INSTALLATION

4.1 Installation Dimensions

Ensure your vehicle's dashboard opening is compatible with the following dimensions:

Front Panel Width: 22.8 cm (8.9 inches)

Front Panel Height: 13.0 cm (5.1 inches)

Main Unit Width: 17.8 cm (7.0 inches)

Main Unit Height: 9.8 cm (3.8 inches)

Depth: 4.5 cm (1.7 inches)

Installation Size

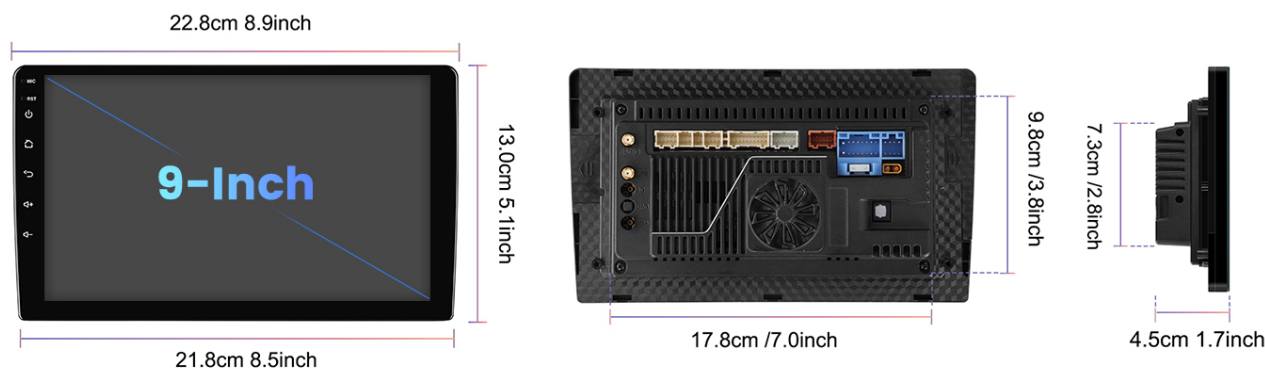


Image 4.1: Detailed dimensions for proper installation of the head unit.

4.2 Wiring Diagram

Refer to the following diagrams for correct wiring connections. Incorrect wiring can damage the unit or your vehicle's electrical system.



Image 4.2: Main wiring harness connections for the car stereo.

1. **Power Cable:** Connects to vehicle's power supply.
2. **RCA Cable:** For audio/video output and input.
3. **USB Cable:** For data transfer and charging.
4. **Camera Input:** For connecting the rear view camera.
5. **Radio Adapter Cable:** For connecting to the vehicle's radio antenna.
6. **GPS Antenna:** For navigation functionality.

4.3 Backup Camera Wiring

The included AHD backup camera requires specific wiring. Ensure the reverse input cable is connected even if the camera is not used, as it may affect Bluetooth and Wi-Fi signal reception.

Backup Camera Wiring

Tip: The reverse input cable must be plugged in even if the reverse camera is not being used. Otherwise it will affect Bluetooth and WiFi signal reception.

Reversing Camera Wiring

Red Cable ①: Connects to the positive terminal of the car's reverse light cable.

Black Cable ②: Connects to the negative terminal of the car's reverse light cable.

There is no need to connect the other two red extension cables ③ and ④.

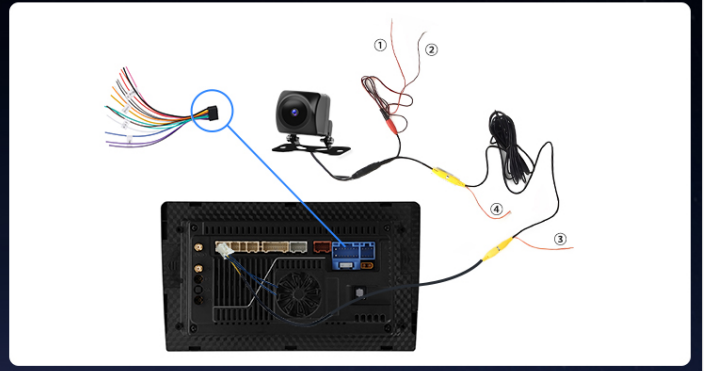


Image 4.3: Wiring instructions for the reversing camera.

- **Red Cable (1):** Connects to the positive terminal of the car's reverse light cable.
- **Black Cable (2):** Connects to the negative terminal of the car's reverse light cable.
- The other two red extension cables (3 and 4) are typically not required for standard installation.

5. OPERATING INSTRUCTIONS

5.1 Basic Operation and Interface

The unit operates via a responsive 9-inch QLED touch screen. The main interface provides access to various applications and settings.



Image 5.1: Examples of the customizable three-panel homepage and user interface displays.

5.2 CarPlay & Android Auto

The unit supports both wired and wireless CarPlay and Android Auto connections. This allows for seamless integration of your smartphone's navigation, music, and communication features.

- **Connection:** Connect your smartphone via Bluetooth for wireless or USB for wired connection.
- **Functionality:** Access phone calls, messages, navigation apps (e.g., Google Maps, Apple Maps), and music streaming services directly from the car stereo display.

Wireless Carplay & Android Auto

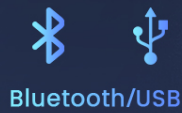


Image 5.2: The car stereo screen showing active CarPlay and Android Auto interfaces.

Wireless Carplay & Android Auto



Bluetooth/USB



Bluetooth/USB



5.3 Bluetooth 5.0

Bluetooth 5.0 provides stable and low-latency wireless connectivity for hands-free calling and audio streaming.

- **Pairing:** Navigate to the Bluetooth settings on the unit and pair with your smartphone.
- **Functions:** Make/receive calls, play music, and access phone contacts.



Image 5.4: Bluetooth 5.0 functionality for communication and audio playback.

5.4 DSP and Audio Output

The built-in Digital Sound Processor (DSP) allows for fine-tuning of audio settings, providing a customizable and immersive sound experience. The unit supports 4.2-channel audio output.

- **EQ Settings:** Adjust equalizer presets or customize your own.
- **Subwoofer Output:** Dedicated output for connecting a subwoofer.

Upgrade 4.2-Channel Audio Output

16 EQ Settings

DSP Function

Subwoofer Output



Image 5.5: Audio customization options and FM radio interface.

5.5 FM/RDS Radio

Access a wide range of radio stations with the integrated FM/RDS tuner. RDS (Radio Data System) provides additional information such as station name and traffic announcements.

- **Scanning:** Automatically or manually scan for available stations.
- **Presets:** Save your favorite stations for quick access.

5.6 GPS Navigation & Wi-Fi

The unit includes integrated GPS for navigation and Wi-Fi connectivity for online services and app downloads.

- **Navigation:** Use pre-installed maps or download your preferred navigation apps via Wi-Fi.
- **Wi-Fi:** Connect to a mobile hotspot or available Wi-Fi networks for internet access.



Image 5.6: GPS navigation and access to online applications.

5.7 Steering Wheel Control (SWC)

The unit supports steering wheel controls, allowing you to manage functions without taking your hands off the wheel.

- **Connection:** Connect the SWC wires (Key1/Key2) from the power cable to your vehicle's corresponding steering wheel control wires.
- **Configuration:** Access "Car Settings" > "Steering Learn" on the unit to manually map and activate button functions.



Image 5.7: Setup and functionality of steering wheel controls.

5.8 Picture-in-Picture & Window Design

Enhance multitasking with Picture-in-Picture (PiP) mode and flexible window design, allowing you to view multiple applications simultaneously.



Image 5.8: Examples of Picture-in-Picture and multi-window display modes.

5.9 3D Car Model Showcase

The homepage features interactive 3D car model displays, allowing for visual engagement with vehicle features and specifications.

3D Car Dynamic Effects

With 3D car model displays in the home page, offering a visually stunning and interactive way to engage with your vehicle's features and specifications



Image 5.9: Interactive 3D car model display on the home screen.

5.10 Supported Applications and Mirror Link

The Android 15 system supports a wide range of online video platforms and applications. Mirror Link functionality allows you to display your smartphone screen on the car stereo.

Support Online Videos & Most Apps



Image 5.10: Examples of supported online video and social media applications.



Image 5.11: Wireless Mirror Link feature for screen mirroring.

6. MAINTENANCE

- **Screen Cleaning:** Use a soft, lint-free cloth to clean the touch screen. Avoid abrasive cleaners or solvents.
- **Software Updates:** Periodically check for software updates through the system settings to ensure optimal performance and access to new features.
- **General Care:** Keep the unit free from dust and moisture. Avoid exposing it to extreme temperatures.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Unit does not power on.	Incorrect power wiring, blown fuse, vehicle battery issue.	Check power cable connections. Verify vehicle fuse. Ensure vehicle battery is charged.
No sound.	Volume too low, incorrect speaker wiring, audio source not selected.	Increase volume. Check speaker connections. Select correct audio source (e.g., FM, Bluetooth, CarPlay).
Bluetooth/Wi-Fi signal issues.	Interference, incorrect backup camera wiring.	Ensure backup camera reverse input cable is connected even if camera is not used. Check for other electronic interference.
CarPlay/Android Auto not connecting.	Incorrect USB cable, phone settings, software incompatibility.	Use a high-quality USB cable. Check phone settings for CarPlay/Android Auto. Ensure phone OS is up to date. Try wireless connection.
Touch screen unresponsive.	Temporary software glitch, screen protector interference.	Restart the unit. Remove and reapply screen protector if applicable.

8. SPECIFICATIONS

Feature	Detail
Model Number	d7ceac75-0503-44e0-b1a4-db07ad6c9b46
Operating System	Android 15
Processor	Qualcomm 8-Core 1.8GHz
Memory (RAM + ROM)	3GB RAM + 32GB Internal Storage
Display Size	9-inch
Display Resolution	1280*720P QLED Touch Screen
Bluetooth Version	5.0
Connectivity	Bluetooth, USB, Wi-Fi
Audio Output Mode	Stereo (4.0 Surround Sound Channel Configuration)
Output Power	200 Watts
Special Features	CarPlay, Android Auto, Mirror Link, GPS Navigation, FM RDS Radio, DSP, Support DAB+ & OBD2 (additional purchase), Reverse Input, Voice Control (additional purchase), Weather Forecast, Split Screen, Picture in Picture, 3D Car Dynamic Effects, SWC
Compatible Devices	Smartphone
Connector Type	RCA, USB
Item Weight	3.37 pounds
Package Dimensions	11.81 x 7.48 x 3.11 inches

9. WARRANTY & SUPPORT

Your Roinvou car stereo comes with a one-year warranty. For technical assistance, troubleshooting, or warranty claims, please contact Roinvou customer support.

- **Manufacturer:** Roinvou
- **Seller:** Roinvou (via Amazon)
- **Support Contact:** You can contact the seller (Roinvou) through the Amazon platform or via email at roinvouservice@163.com.
- **Response Time:** Messages are typically replied to within 24 hours, excluding holidays.

Optional protection plans are available for extended coverage:

- 2-Year Protection Plan
- 3-Year Protection Plan
- Complete Protect (monthly subscription)

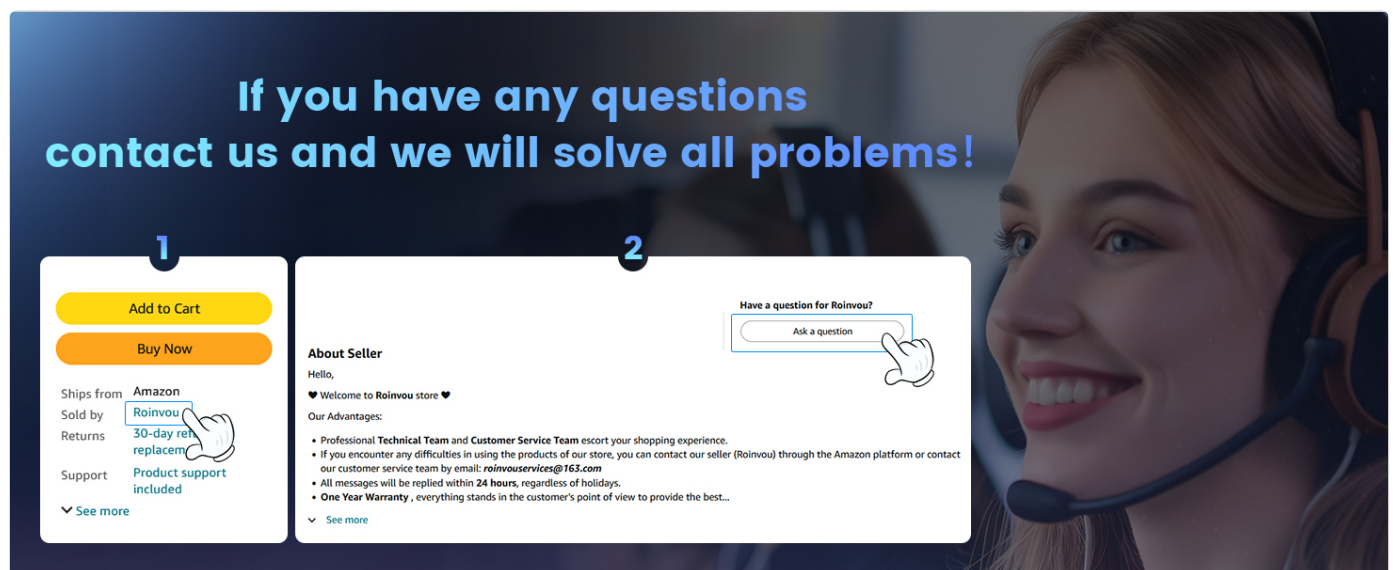


Image 9.1: Instructions on how to reach customer support.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Open the live page

<https://manuals.plus/asin/B0F12VC4ZG>

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