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Roinvou 4+64G

Roinvou 9-Inch Android Car Stereo User Manual

Model: 4+64G | Compatibility: Chrysler 300C (2004-2011)

1. Product Overview

The Roinvou 9-Inch Android Car Stereo is an advanced in-dash navigation system designed to enhance your driving experience. It features a powerful 8-core Android system, a high-definition IPS touch screen, and supports a wide range of functionalities including Wireless CarPlay, Android Auto, Bluetooth 5.0, 32-band EQ, GPS navigation, and backup camera integration.



Figure 1.1: Roinvou 9-Inch Android Car Stereo and its main components, including the head unit, wiring harness, external microphone, and backup camera.

2. Setup and Installation

This section provides guidance for the proper setup and installation of your Roinvou car stereo. It is crucial to follow these steps carefully to ensure correct functionality and avoid damage.

2.1 Important Considerations

- This upgraded radio dash kit is specifically designed for Chrysler 300C models from 2004 to 2011.
- The stereo package includes the in-dash head unit, wiring harness cables, CANBUS decoder, and frame panel.
- **Attention:** If the top of your original radio is stylized "convex", you will need to remove the top two buttons for proper fitment.
- Before purchasing and installing, verify that the power cable port on the detail page matches your original car's power cable port.

2.2 Included Components

The following items are included in your package:

- Chrysler 300C Car Stereo Head Unit
- Dual Power Cable
- CANBUS Box
- Original USB Cable
- Radio Antenna
- RCA Harness
- GPS Antenna
- AHD Backup Camera
- External Microphone
- Rear Camera Input Cable
- Dual USB Cable
- Installation Tool



Figure 2.1: Visual comparison illustrating the correct and incorrect installation scenarios for the Chrysler 300C dashboard.

3. Operating Instructions

This section details the various functions and operations of your Roinvou Android Car Stereo.

3.1 User Interface and Customization

The stereo features a powerful Android system with an 8-core CPU, providing a smooth user experience. The HD capacitive touch screen offers excellent color reproduction. You can personalize your device with 19 different wallpapers and 59 UI desktop themes.

▶ **Watch video online**

UI Functions & Carplay and Android Auto & Navigation

Video 3.1: Demonstrates UI functions, various desktop themes, CarPlay, Android Auto, navigation, voice control, dual screen mode, FM/RDS radio, Bluetooth hands-free calls, 32-band EQ, and rear view camera functionality.



Figure 3.1: The 9-inch 1080P IPS Touch Screen offers a resolution of 1280*720, high temperature protection, and is designed to be scratch-resistant and anti-knock.



Figure 3.2: The powerful Android system with 4GB RAM and 64GB ROM ensures ultra-fast running speed and smooth performance.

3.2 Wireless/Wired CarPlay & Android Auto

Connect your smartphone to the car stereo wirelessly via Bluetooth or using the original USB data cable for wired connection. This feature allows you to:

- Make and answer phone calls.
- Listen to music and podcasts.
- Utilize GPS navigation applications.
- Integrate smart voice control via Siri and Google Assistant for a convenient driving experience.



Figure 3.3: Overview of Wireless CarPlay, Android Auto, and Mirror Link capabilities, detailing connection methods (Bluetooth/USB for CarPlay/Android Auto, WiFi/USB for Mirror Link).

3.3 Bluetooth 5.0 & Mirror Link

The built-in Bluetooth 5.0 module ensures a more stable connection, preventing interruptions during use. It supports:

- Hands-free calling.
- Phone book synchronization.
- Streaming music playback.

Mirror Link functionality for both Android and iOS smartphones allows you to synchronize your phone screen with the Android head unit, enabling you to enjoy videos and other content on the larger display.

3.4 32 EQ & FM/RDS Radio

The car stereo is equipped with pre-installed car tuning software featuring DSP 32-band EQ tuning technology. This allows you to:

- Adjust frequency and 32-band equalization.

- Select sound types to compensate for original speaker limitations.
- Achieve optimal audio quality.

The built-in FM/RDS radio provides access to new broadcasts, real-time traffic updates, and weather forecasts anytime, anywhere.

3.5 GPS Navigation

The system supports GPS navigation. Users can purchase and install offline navigation applications directly from the Play Store for reliable guidance without an internet connection.

3.6 Backup Camera & Steering Wheel Control

The car stereo supports a backup camera, automatically switching to the reverse image when the vehicle is put into reverse gear. This enhances safety and ease of parking. Additionally, the system supports steering wheel controls, allowing you to manage various functions without removing your hands from the steering wheel.



Figure 3.4: The display shows the reverse image from the backup camera with guidelines, and an interface for programming steering wheel controls.

4. Maintenance

Proper maintenance ensures the longevity and optimal performance of your Roinvou car stereo.

- **Cleaning:** Use a soft, dry cloth to clean the screen and exterior. Avoid abrasive cleaners or solvents that could damage the surface.
- **Temperature:** Do not expose the device to extreme temperatures (very hot or very cold) for extended periods, as this can affect electronic components.
- **Software Updates:** Periodically check for software updates from the manufacturer to ensure the system runs efficiently and has the latest features and security patches.
- **Connections:** Ensure all cables and connections are secure and free from damage. Loose connections can lead to intermittent issues.

5. Troubleshooting

If you encounter issues with your Roinvou car stereo, refer to the following common troubleshooting steps. For persistent problems, contact customer support.

Problem	Possible Cause	Solution
No Power / Screen Off	Loose power connection, blown fuse, vehicle battery issue.	Check all power cables and connections. Inspect vehicle fuses. Ensure vehicle battery is charged.
Bluetooth Connectivity Issues	Bluetooth not enabled, device not discoverable, interference, software glitch.	Ensure Bluetooth is enabled on both devices. Restart both devices. Clear Bluetooth pairing history and re-pair. Move away from sources of interference.
CarPlay/Android Auto Not Working	Incorrect USB cable, phone software issue, app not installed/updated, connection type mismatch.	Use original or certified USB cables. Ensure CarPlay/Android Auto app is updated on your phone. Check connection settings (wireless/wired). Restart phone and stereo.
No Sound / Distorted Sound	Volume too low, incorrect audio source, speaker wiring issues, EQ settings.	Increase volume. Select correct audio source. Check speaker connections. Adjust 32-band EQ settings.
Backup Camera Not Displaying	Camera not connected, incorrect camera type setting, faulty camera.	Verify camera wiring. Check camera type settings in the factory menu (CVBS/AHD). Test with a known working camera if possible.
Slow Performance / Freezing	Too many apps running, low storage, software bug.	Close unused applications. Clear cache. Perform a system restart. If issues persist, consider a factory reset (backup data first).

6. Specifications

Detailed technical specifications for the Roinvou 9-Inch Android Car Stereo (4+64G model).

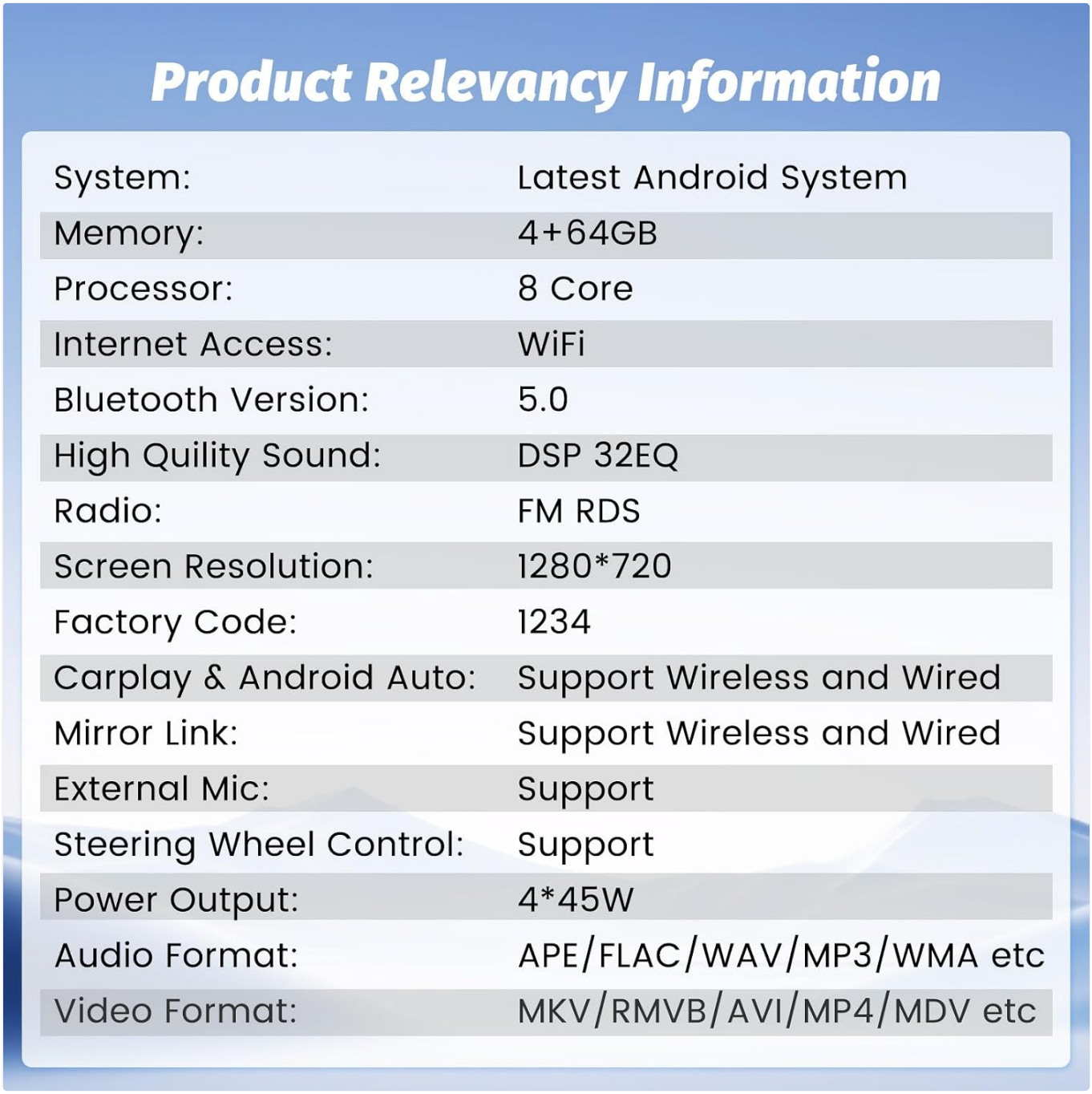


Figure 6.1: Key product specifications including system, memory, processor, and supported features.

Feature	Detail
System	Latest Android System
Memory	4+64GB (RAM+ROM)
Processor	8 Core
Internet Access	5G WiFi
Bluetooth Version	5.0
High Quality Sound	DSP 32EQ
Radio	FM RDS
Screen Size	9 Inches
Screen Resolution	1280*720

Feature	Detail
Factory Code	1234
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 Support	APE/FLAC/WAV/MP3/WMA etc.
Video Format Support	MKV/RMVB/AVI/MP4/MDV etc.
Item Weight	4.4 pounds
Package Dimensions	15.55 x 11.02 x 3.35 inches

7. Warranty and Support

For warranty information and technical support, please contact the manufacturer, Roinvou, directly. Details regarding specific warranty periods and service procedures can typically be found on the manufacturer's official website or through the seller from whom the product was purchased.
It is recommended to retain your proof of purchase for any warranty claims.

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For the latest information and support, please visit the official Roinvou website.

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