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› Roinvou 9-inch Touch Screen Car Stereo Instruction Manual for Toyota Corolla 2009-2013

Roinvou 6+128G CarPlay

Roinvou Car Stereo Instruction Manual

Model: 6+128G CarPlay (ASIN: B0CR3ZSP5D)

For Toyota Corolla 2009-2013

1. INTRODUCTION

The Roinvou 9-inch Touch Screen Car Stereo is designed to upgrade the infotainment system in Toyota Corolla models from 2009 to 2013. This unit features an 8-core processor with 6GB RAM and 128GB ROM, providing a responsive and smooth user experience. Key functionalities include wireless/wired Apple CarPlay and Android Auto, GPS navigation, Bluetooth 5.0, FM/RDS radio, and support for an AHD backup camera. This manual provides essential information for proper installation, operation, and maintenance of your new car stereo.



Figure 1: Roinvou 9-inch Car Stereo and accessories.

Important Compatibility Note: This stereo is specifically designed for Toyota Corolla models from 2009 to 2013. It does NOT support original car audio systems equipped with a JBL amplifier. Please ensure the power cable port on your vehicle matches the provided wiring harness before proceeding with installation.

High-level 8 Cores Car Stereo with 6+128G for Toyota Corolla 2009-2013



Figure 2: Dashboard compatibility guide for Toyota Corolla 2009-2013.

2. PACKAGE CONTENTS

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

- Roinvou Toyota Corolla Car Stereo Head Unit
- Power Cable
- RCA Cable
- GPS Antenna
- AHD Backup Camera
- External Microphone
- Rear Camera Input Cable
- Dual USB Cable
- Installation Tool & Accessories

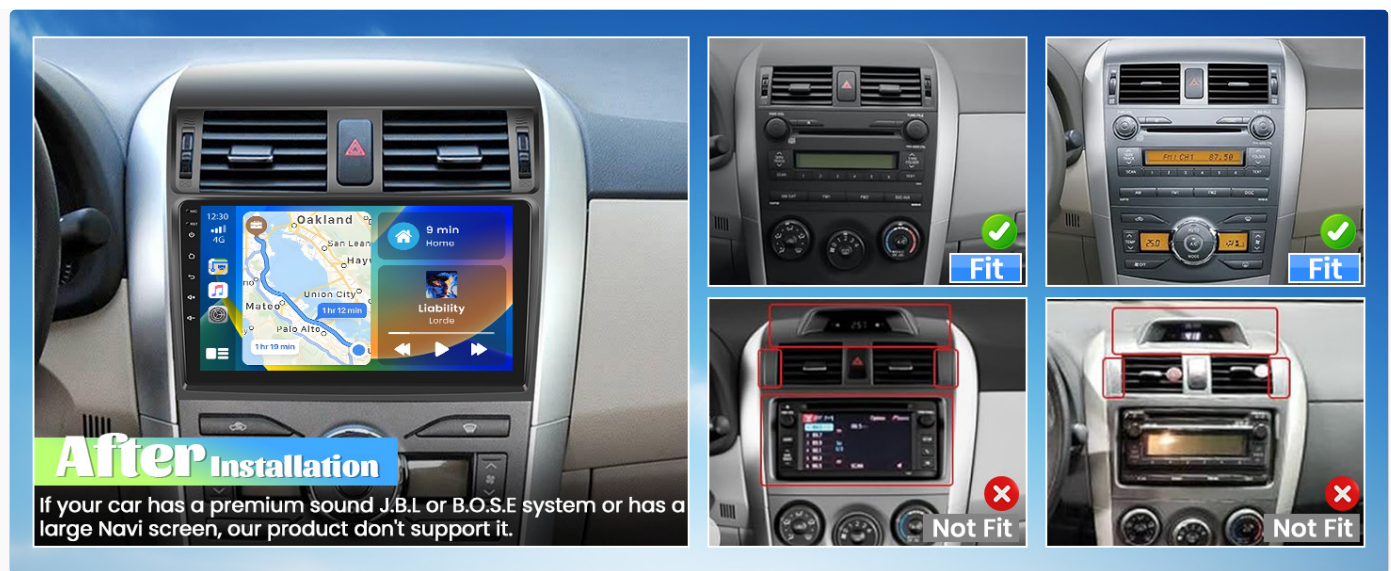


Figure 3: Detailed view of package contents.

3. SETUP AND INSTALLATION

Installation of the Roinvou car stereo involves disassembling parts of your vehicle's dashboard and connecting the new unit. It is recommended to watch the provided installation video for a visual guide. Ensure the vehicle's battery is disconnected before starting the installation process to prevent electrical shorts.

3.1. Dashboard Disassembly

1. Carefully pry apart the clips around the existing radio unit. There are typically four bezel pieces on the sides of the radio that are clipped in.
2. Remove any visible Phillips screws and 10mm bolts securing the existing radio and surrounding panels.
3. Disconnect all wiring harnesses from the old radio unit.

Video 1: A7098 Center Console Disassembly and Wiring Method. This video demonstrates the process of removing the existing car stereo and preparing the dashboard for the new unit.

3.2. Connecting the New Head Unit

The Roinvou car stereo is designed for plug-and-play installation in compatible Toyota Corolla models. It comes with all necessary plugs and harnesses.

- Connect the main power harness from the vehicle to the new head unit.
- Connect the GPS antenna to the designated port on the head unit.
- Connect the dual USB cables for Apple CarPlay and Android Auto functionality. Route these cables to a convenient location, such as the glove box.
- Connect the RCA jacks for audio output and input as needed.

3.3. Backup Camera Connection

To utilize the AHD backup camera feature, connect the provided camera to the head unit. The reverse input cable must be plugged in, even if the reverse camera is not being used, as it may affect Bluetooth and WiFi signal reception.

Upgrade Radio for Toyota Corolla 2009-2013



Figure 4: How to connect the AHD Backup Camera.

3.4. Steering Wheel Control (SWC)

If your vehicle has steering wheel controls, connect the corresponding wires (Key1/Key2) in the power cable to the appropriate port of your original car. Then, access the 'SteeringWheelKey' manual match function in the stereo's settings to activate the button functions. If your vehicle contains a CANBUS Decoder, connect the CANBUS before powering on the machine and follow the path: Apps > Settings > Factory Settings (1234) > CAN Settings to make SWC work properly. Select the brand of the CANBUS decoder and the matching model and year according to your actual situation.



Figure 5: Steering Wheel Control setup.

After all connections are made, carefully tuck all wires behind the radio to prevent pinching or interference. The radio unit itself clips into place using four prongs and does not require additional screws for mounting. Reassemble the dashboard panels by clipping them back into position.

4. OPERATING INSTRUCTIONS

Once installed and powered on, the Roinvou car stereo provides a range of features accessible via its 9-inch HD capacitive touchscreen (1280 x 720 resolution).

4.1. Wireless CarPlay & Android Auto

The unit supports both wireless and wired Apple CarPlay and Android Auto. This allows for seamless integration with your smartphone, enabling voice-assisted control for navigation, music playback, calls, messages, and notifications. Simply

connect your phone via WiFi hotspot or the original USB cable.



Figure 6: Wireless/Wired CarPlay & Android Auto interface.

4.2. Mirror Link

Mirror Link functionality allows you to synchronize your Android or iOS smartphone screen directly to the car stereo display. This is useful for viewing videos or other content from your phone on a larger screen.

Mirror Link

Mirror Links for Android and iOS smartphones, you can synchronize the phone screen to enjoy playing video on a larger screen.



Figure 7: Mirror Link feature in use.

4.3. GPS Navigation & WiFi

The car stereo has a built-in GPS module, supporting offline navigation software like Waze. With a WiFi or hotspot connection, online maps function seamlessly. You can also download various applications from the Play Store, such as YouTube or TikTok, for entertainment when parked.

WiFi & GPS Navigation

Built-in GPS navigation, you can download offline navigation directly from the Play Store. After connecting to WiFi, the online map can also be used perfectly.



Figure 8: WiFi and GPS Navigation capabilities.

4.4. Bluetooth & FM/RDS Radio

The unit includes Bluetooth for hands-free calling, music playback, and contact synchronization via the built-in or external microphone. The stable FM/RDS radio features 18 preset stations and supports manual, semi-automatic, and fully automatic channel search, providing access to broadcasting, weather forecasts, and real-time road conditions.



Figure 9: Bluetooth, FM/RDS Radio, Reverse Display, and SWC features.

4.5. Audio Equalizer & UI Themes

Customize your audio experience with the 32-band EQ options. The stereo also offers extensive personalization with 19 background wallpapers and 59 desktop themes, which can be changed by long-pressing the main interface.

5. MAINTENANCE

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

- **Screen Cleaning:** Use a soft, lint-free cloth to gently wipe the touchscreen. Avoid abrasive cleaners or harsh chemicals that could damage the screen.
- **Software Updates:** Periodically check for software updates from the manufacturer to ensure the system runs efficiently and has the latest features and bug fixes.
- **Connection Checks:** If you experience issues, ensure all wiring connections remain secure and free from corrosion.

- **Temperature Control:** Avoid exposing the unit to extreme temperatures for prolonged periods.

6. TROUBLESHOOTING

If you encounter issues with your Roinvou car stereo, consider the following basic troubleshooting steps:

- **No Power:** Check all power connections and ensure the vehicle's battery is properly connected. Verify the car's fuse box for any blown fuses related to the stereo.
- **No Sound:** Check speaker wire connections. Ensure the volume is not muted or set too low. Verify audio settings in the EQ menu.
- **Touchscreen Unresponsive:** Try restarting the unit by turning off the car's accessory power and turning it back on. If the issue persists, a factory reset might be necessary (refer to the operating instructions for your specific model's reset procedure).
- **Poor Radio Reception:** Ensure the antenna is properly connected and not damaged. Check for local interference.
- **CarPlay/Android Auto Connection Issues:** Verify your phone's WiFi and Bluetooth settings. Ensure the USB cable is securely connected and undamaged. Try restarting both the stereo and your phone.
- **Backup Camera Not Displaying:** Confirm the rear camera input cable is securely plugged into the head unit and the camera is receiving power. The reverse input cable must be connected for proper functionality.

For persistent issues, refer to the detailed troubleshooting section in the full product manual or contact Roinvou customer support.

7. SPECIFICATIONS

Feature	Specification
Brand	Roinvou
Model Name	RM
Screen Size	9 Inches
Screen Resolution	1280 x 720
Memory (RAM)	6GB
Storage (ROM)	128GB
Processor	8-Core
Operating System	Android 13
Connectivity Technology	Bluetooth, USB, Wi-Fi
Special Features	Wireless/Wired Apple CarPlay, Wireless/Wired Android Auto, Mirror Link, Voice Control, GPS Navigation, WiFi, Bluetooth, FM/RDS Radio, HD Touchscreen, SWC, 32-band EQ, 19 Backgrounds, 59 UI Themes, DSP

Vehicle Service Type	Car (Toyota Corolla 2009-2013)
Item Weight	3.78 pounds
Package Dimensions	13.46 x 12.91 x 4.96 inches

8. WARRANTY AND SUPPORT

For warranty information, technical support, or any inquiries regarding your Roinvou car stereo, please contact the seller directly through the platform where the purchase was made. Ensure you have your order ID ready for faster assistance.

You may also find additional support and information by visiting the Roinvou brand store or their official website, if available.

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