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› Roinvou 2+64G Android Auto Radio for Toyota Matrix 2009-2014 User Manual

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Roinvou 2+64G Android Auto Radio User Manual

For Toyota Matrix 2009-2014

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Roinvou 2+64G Android Auto Radio. Please read this manual thoroughly before using the product to ensure proper function and safety. This unit is designed specifically for the Toyota Matrix models from 2009 to 2014.

2. SETUP AND INSTALLATION

2.1 Package Contents

Before beginning installation, please verify that all components listed below are present in your package:

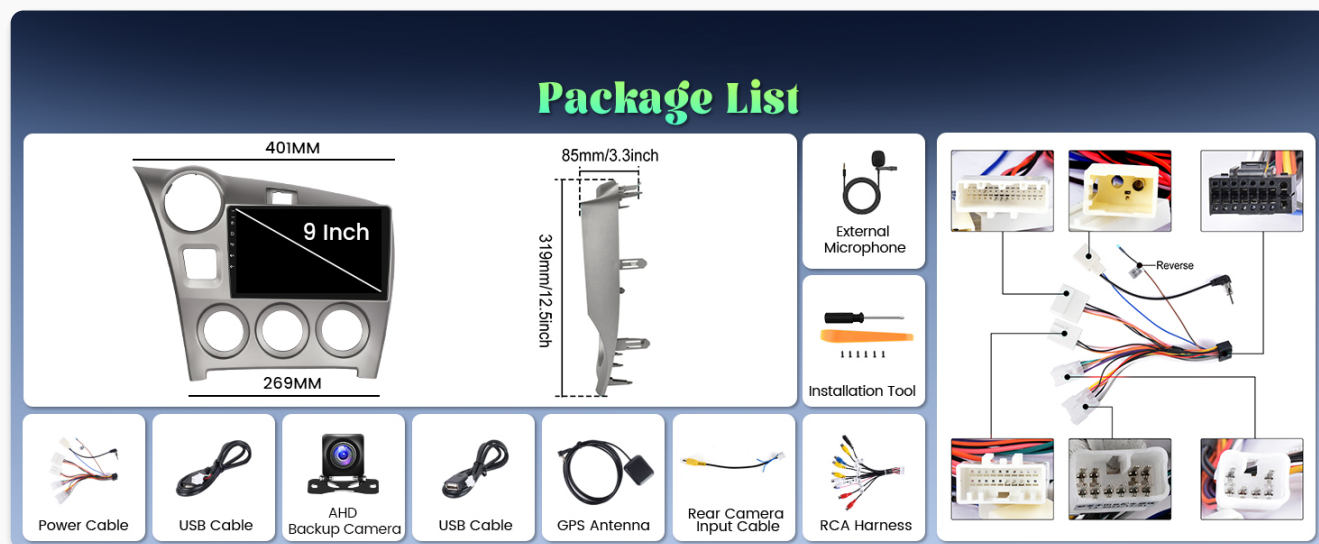


Figure 2.1: Included Components

- Roinvou Car Stereo for Toyota Matrix
- Power Cable
- RCA Harness
- GPS Antenna
- AHD Backup Camera

- External Microphone
- Rear Camera Input Cable
- Dual USB Cable
- Installation Tool

2.2 Installation Notes

Installation of this car radio system requires technical knowledge and experience. It is highly recommended that installation be performed by a qualified professional to ensure correct wiring and functionality, and to prevent damage to the unit or your vehicle.



Figure 2.2: Before and After Installation

2.3 Backup Camera Connection

The included AHD backup camera provides enhanced safety when reversing. Connect the camera according to the diagram below. Ensure the reverse input cable is securely plugged in, even if the camera is not in use, as this can affect Bluetooth and Wi-Fi signal reception.

How to Connect the Backup Camera

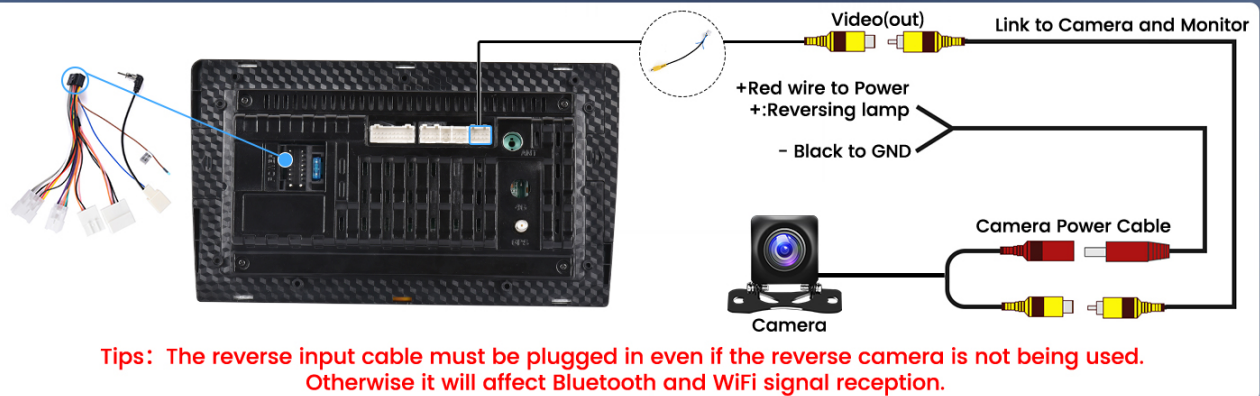


Figure 2.3: Backup Camera Wiring Diagram

2.4 Steering Wheel Control (SWC)

The unit supports steering wheel controls for convenient operation while driving. The connection method depends on whether your vehicle has a CANBUS decoder.

Steering Wheel Control

Without CANBUS Decoder:
Please 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, and then go to "SteeringWheelKey" manual match to activate the button function.

Contain CANBUS Decoder:
Please connect the canbus before powering on the machine, and then follow this path(Settings - Factory Setup (Password 000000) - Can Settings) to make SWC work properly. First select the brand of the canbus decoder, then select the matching model and year according to the actual situation.

Figure 2.4: Steering Wheel Control Setup

Without CANBUS Decoder: Connect the plugs or steering wheel control wires (Key1/Key2) in the power cable to the corresponding port or wire of your original car. Then, navigate to "SteeringWheelKey" in the unit's settings for manual matching to activate button functions.

With CANBUS Decoder: Connect the CANBUS before powering on the machine. Then, go to *Settings > Factory Setup (Password 000000) > Can Settings* to make SWC work properly. First, select the brand of the CANBUS decoder, then select the matching model and year according to your vehicle's actual situation.

3. OPERATING INSTRUCTIONS

3.1 System Overview

The Roinvou Android Auto Radio features a powerful Android system with a 4-core processor, 2GB RAM, and 64GB ROM, ensuring a smooth user experience. It offers 26 customizable UI themes for personalized aesthetics.

Powerful Processor

It built-in 4-core processor and has large memory which provides you smarter and more efficient service.



Figure 3.1: Powerful Processor Architecture

26 UI Themes

Equipped with 28 UI themes, multiple choices as you like, brings you a brilliant experience.



Figure 3.2: Customizable UI Themes

3.2 Wireless/Wired CarPlay & Android Auto

Connect your iPhone or Android smartphone to the unit for seamless integration of navigation, calls, messages, and music. Connection can be established wirelessly via Bluetooth or wired using the original USB data cable.

Wireless/Wired Carplay & Android Auto

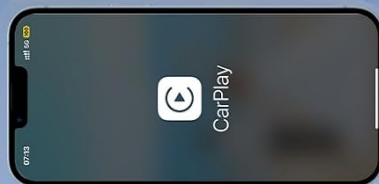
Easily make/answer phone calls, send messages, listen to music and GPS navigation.



Wireless
Carplay



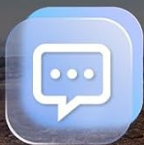
Wireless
Android Auto



USB and Bluetooth Connection



USB and Bluetooth Connection



Messages



Phone Calls



GPS



Music



Video

Figure 3.3: CarPlay and Android Auto Functionality

3.3 Bluetooth & Mirror Link

The built-in Bluetooth module supports hands-free calling, phone book synchronization, and music streaming. The Mirror Link feature allows you to display your smartphone screen directly on the car stereo's larger display for multimedia content.

Mirror Link for Android/iOS

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

WiFi Connection



➡ One-Way

WiFi&USB Connection



↔ Two-Way



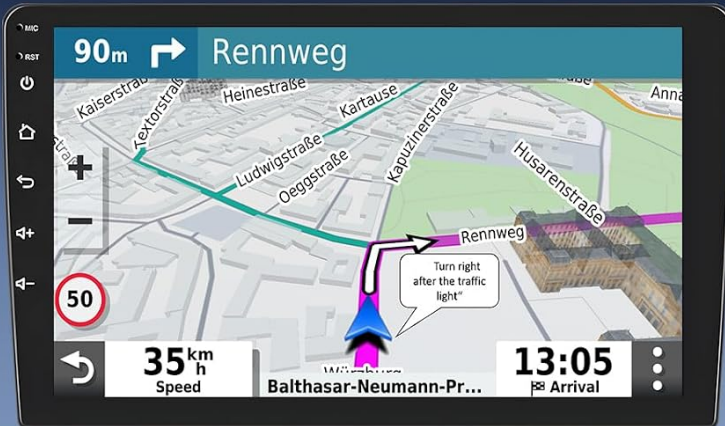
Figure 3.4: Mirror Link Connectivity

3.4 Wi-Fi & GPS Navigation

Connect the unit to a Wi-Fi hotspot to download online applications, stream videos, and access online navigation. The system supports both online and offline navigation, preloaded with Here WeGo maps and compatible with Google Maps.

GPS Navigation

Real-time road conditions help avoid traffic jams Accurate satellite positioning prevents you getting lost



WiFi Connection

High-speed internet access, application download, online video watching, Rich entertainment gets you out of a tiring drive

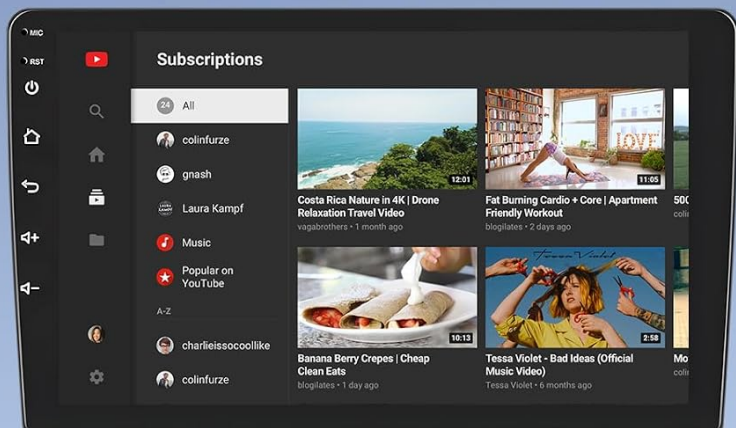


Figure 3.5: GPS Navigation and Wi-Fi Features

3.5 Audio Features

The unit includes an FM/RDS radio for clear reception and a Digital Sound Processor (DSP) for adjustable EQ settings, allowing you to customize your audio experience.



Figure 3.6: Audio and Display Features

4. MAINTENANCE

To ensure the longevity and optimal performance of your Roinvou Android Auto Radio, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the screen and exterior. Avoid abrasive cleaners or solvents that may damage the surface.
- **Software Updates:** Periodically check for software updates provided by Roinvou to ensure you have the latest features and bug fixes. Updates can typically be performed via Wi-Fi.
- **Temperature:** Avoid exposing the unit to extreme temperatures, both hot and cold, as this can affect electronic components.
- **Power:** Ensure your vehicle's electrical system is in good condition to prevent power fluctuations that could harm the unit.

5. TROUBLESHOOTING

If you encounter issues with your Roinvou Android Auto Radio, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Unit does not power on	Incorrect wiring; Blown fuse; Vehicle battery issue	Check power connections and fuses. Ensure vehicle battery is charged. Consult a professional for wiring verification.
No sound output	Speaker wires disconnected; Volume too low; Incorrect audio source selected	Verify speaker connections. Increase volume. Select the correct audio input source (e.g., FM, Bluetooth, CarPlay).
Bluetooth not connecting	Bluetooth off on unit or phone; Pairing mode not active; Interference	Ensure Bluetooth is enabled on both devices. Put the unit in pairing mode. Delete previous pairings and try again. Move away from other wireless devices.
GPS signal weak or lost	GPS antenna obstructed or disconnected; Poor satellite coverage	Ensure GPS antenna is properly installed and has a clear view of the sky. Check antenna connection. Try moving to an open area.

Problem	Possible Cause	Solution
CarPlay/Android Auto not working	Incorrect USB cable; Phone software outdated; App issues	Use original or certified USB cable. Update phone's operating system. Restart phone and unit. Check app permissions.
Backup camera not displaying	Camera wiring issue; Reverse input cable not connected	Verify camera power and video connections. Ensure the reverse input cable is connected to the unit.

If the problem persists after attempting these solutions, please contact Roinvou customer support.

6. SPECIFICATIONS

Feature	Specification
Brand	Roinvou
Model	2+64G Android Auto Radio
Compatible Vehicle	Toyota Matrix 2009-2014
Screen Size	9 Inches (23 cm visible diagonal)
Resolution	1024 x 600
Operating System	Android
Processor	4-Core
RAM	2GB
ROM	64GB
Connectivity	Bluetooth, Wi-Fi, USB
Special Features	Wireless/Wired CarPlay, Android Auto, Mirror Link, GPS Navigation, FM RDS Radio, DSP, Steering Wheel Control (SWC), 26 Desktop Themes
Audio Output Mode	Stereo
Item Weight	3.89 pounds
Package Dimensions	16.45 x 13.25 x 4.13 inches

7. WARRANTY AND SUPPORT

Roinvou is committed to providing quality products and customer satisfaction. For any inquiries, technical assistance, or support regarding your Roinvou Android Auto Radio, please contact our customer support team.

Customer Support Email: roinvouservices@163.com

Please have your product model and purchase details ready when contacting support to facilitate a quicker resolution.

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

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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

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