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Roinvou 4+64G Car Radio for Toyota 4Runner 2010-2019

Roinvou 4+64G Car Radio User Manual

For Toyota 4Runner 2010-2019 Models

1. Product Overview

The Roinvou 4+64G Car Radio is an advanced 9-inch touch screen multimedia system designed specifically for Toyota 4Runner vehicles manufactured between 2010 and 2019. It integrates modern connectivity and entertainment features to enhance your driving experience.



Image 1.1: Roinvou 4+64G Car Radio unit with included accessories like backup camera, microphone, and cables.

Key Features:

- **Vehicle Compatibility:** Specifically designed for Toyota 4Runner 2010-2019 models.
- **Wireless CarPlay & Android Auto:** Seamless smartphone integration for navigation, calls, and music.
- **High-Resolution Display:** 9-inch 1280*720 Ultra-high Resolution capacitive touch screen.
- **Audio Customization:** 32-band EQ for enhanced sound quality.
- **Integrated Navigation:** Built-in GPS with support for offline maps and online navigation via Wi-Fi.
- **FM/RDS Radio:** Access to local radio stations with real-time traffic and weather updates.
- **Backup Camera Support:** Automatic display of rear view when shifting to reverse gear.
- **Steering Wheel Control:** Compatible with original steering wheel controls for convenient operation.
- **Wi-Fi Connectivity:** Allows download of various applications and online content.

2. Safety Information

Please read all safety instructions carefully before installation and operation. Failure to follow these guidelines may result in injury, damage to the device, or damage to your vehicle.

- **Professional Installation Recommended:** Due to the complexity of car electrical systems, professional installation is highly recommended.
- **Power Disconnection:** Always disconnect the vehicle's battery before beginning any installation or wiring work to prevent electrical shorts and damage.
- **Proper Wiring:** Ensure all wiring connections are secure and insulated to prevent short circuits. Refer to the wiring diagrams provided.
- **Driving Safety:** Do not operate the device in a manner that distracts you from driving. Always prioritize road safety.
- **Temperature Extremes:** Avoid exposing the device to extreme temperatures or direct sunlight for prolonged periods.
- **Liquid Exposure:** Keep the device away from liquids. In case of accidental liquid contact, disconnect power immediately and consult a professional.

3. Package Contents

Verify that all items listed below are included in your package. If any items are missing or damaged, please contact customer support.

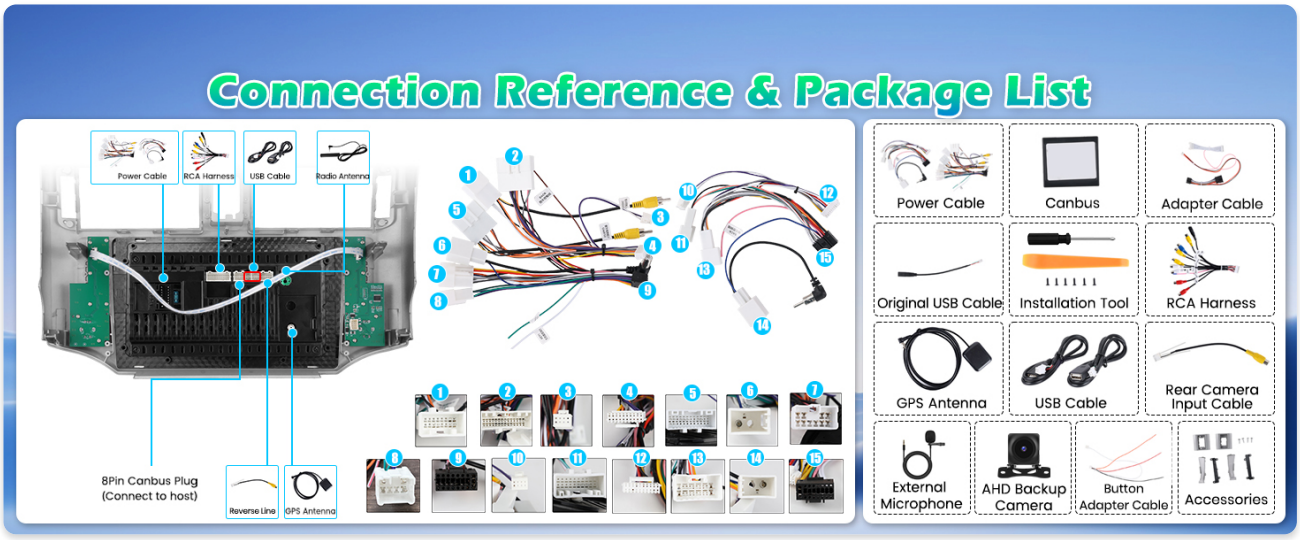


Image 3.1: Visual representation of all components included in the package and their connection points.

- Roinvou Car Stereo Unit
- Dual Power Cable
- Toyota 4Runner 2010-2018 Adapter Cable
- Button Adapter Cable
- Canbus Decoder (if applicable)
- Original USB Cable
- RCA Harness
- GPS Antenna
- AHD Backup Camera
- External Microphone
- Rear Camera Input Cable
- Dual USB Cable
- Installation Tool & Accessories

4. Setup and Installation

This section provides general guidelines for installing your Roinvou car radio. Specific vehicle wiring may vary. It is highly recommended to consult a professional installer or refer to your vehicle's service manual for detailed wiring diagrams.

4.1. Vehicle Compatibility Check

Ensure your Toyota 4Runner dashboard matches the compatible configurations. This unit is designed for 2010-2019 models. If your original car radio has a CD player on the back as shown in the 'Not Fit' image, this product is not compatible.

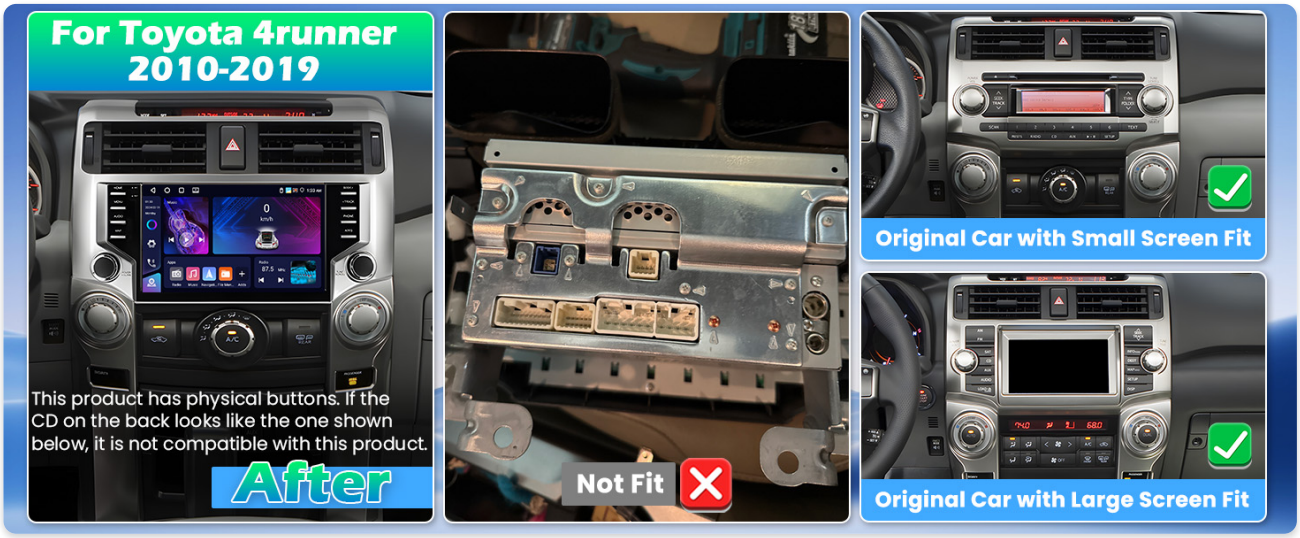


Image 4.1: Dashboard compatibility check for Toyota 4Runner 2010-2019 models, showing fitment for small and large screen original units, and an incompatible CD player type.

4.2. Basic Installation Steps

1. **Disconnect Battery:** Before starting, disconnect the negative terminal of your vehicle's battery.
2. **Remove Original Radio:** Carefully remove the trim panels and screws securing the factory radio. Disconnect all wiring harnesses.
3. **Connect Wiring Harnesses:** Connect the provided power cable, adapter cable, and RCA harness to the corresponding ports on the new Roinvou unit and your vehicle's wiring.
4. **Connect Peripherals:** Connect the GPS antenna, USB cables, external microphone, and backup camera input cable.
5. **Test Functionality:** Before fully reassembling, reconnect the battery and briefly test the unit's basic functions (power, audio, touch screen).
6. **Secure Unit:** Mount the Roinvou unit into the dashboard opening and secure it with screws. Reinstall trim panels.

4.3. Reversing Camera and Canbus Wiring

The reverse input cable must be plugged in, even if the reverse camera is not being used, to ensure proper Bluetooth and Wi-Fi signal reception.

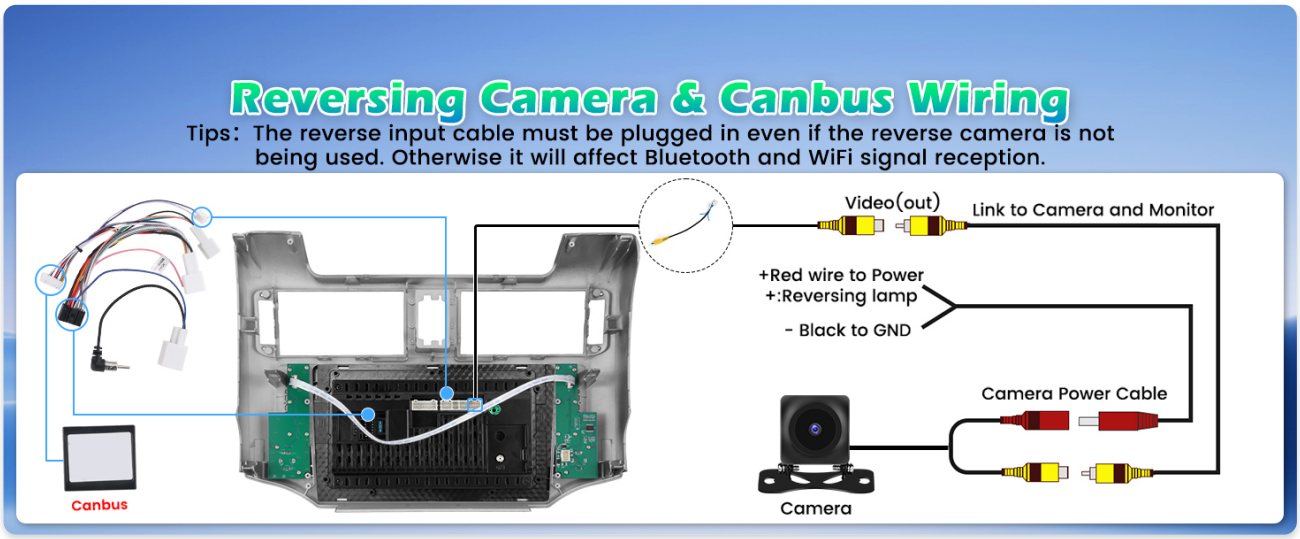


Image 4.2: Detailed wiring diagram illustrating connections for the reversing camera and Canbus system.

5. Operating Instructions

5.1. Power On/Off

Press the power button (usually located on the front panel) to turn the unit on or off. The unit will automatically power on when the vehicle's ignition is turned on.

5.2. Touch Screen Interface

Navigate the system using the responsive 9-inch capacitive touch screen. Swipe, tap, and drag gestures are supported for intuitive control of applications and settings.

5.3. Wireless CarPlay & Android Auto

Connect your smartphone wirelessly via Bluetooth to access CarPlay (for iOS) or Android Auto (for Android). This allows for seamless integration of navigation, phone calls, messages, and music directly on the car radio screen.



Image 5.1: Display of the Wireless CarPlay and Android Auto interfaces, demonstrating voice control and app integration.

5.4. GPS Navigation & Wi-Fi

The unit features built-in GPS. Connect to Wi-Fi to download various applications from the Play Store, stream online music, watch videos, and use online navigation maps. Offline navigation can also be used by downloading maps directly to the device.



Image 5.2: The unit's display showing GPS navigation in use alongside various popular online applications accessible via Wi-Fi.

5.5. FM/RDS Radio & 32 EQ

Tune into FM radio stations with RDS (Radio Data System) support for station information. The 32-band EQ allows for precise audio customization to achieve optimal sound quality, compensating for original speaker characteristics.



Image 5.3: User interface examples for Bluetooth connectivity, FM/RDS radio tuning, and the 32-band equalizer settings.

5.6. Mirror Link Function

Synchronize your smartphone screen (both Android and iOS) to the car radio display, allowing you to view and control your phone's content on the larger screen.



Image 5.4: The Mirror Link feature in action, showing a smartphone screen mirrored onto the car radio display.

5.7. Split Screen Function

Utilize the split-screen feature to run two applications simultaneously on the display, such as navigation and music, or radio and a web browser.



Image 5.5: The split-screen feature displaying two applications concurrently on the car radio's screen.

5.8. Steering Wheel Control (SWC)

The unit supports programming for your vehicle's original steering wheel control buttons, allowing you to manage functions like volume, track skipping, and calls without taking your hands off the wheel.



Image 5.6: Visual guide for setting up and using steering wheel controls with the car radio.

5.9. AHD Backup Camera

When connected, the AHD backup camera automatically displays a clear, wide-angle view on the screen when the vehicle is shifted into reverse, enhancing parking safety.



Image 5.7: Key features of the AHD backup camera, including its adjustable angle and clear night vision capabilities.

6. Maintenance

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

- **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 via the unit's settings or the manufacturer's website to ensure you have the latest features and bug fixes.
- **Ventilation:** Ensure the unit's ventilation openings are not blocked to prevent overheating.
- **Cable Connections:** Occasionally check all cable connections to ensure they are secure and free from damage.

7. Troubleshooting

This section addresses common issues you might encounter. For problems not listed here, please contact

customer support.

Problem	Possible Cause	Solution
Unit does not power on.	No power connection; Blown fuse; Incorrect wiring.	Check power cables and connections. Inspect vehicle's fuse box and the unit's fuse. Verify wiring against diagram.
No sound from speakers.	Volume too low; Mute activated; Speaker wiring issue; Incorrect audio settings.	Increase volume. Check if unit is muted. Verify speaker connections. Adjust audio output settings.
GPS signal lost or inaccurate.	GPS antenna not connected or poorly placed; Obstruction.	Ensure GPS antenna is securely connected and placed in an unobstructed location (e.g., dashboard).
Bluetooth/CarPlay/Android Auto not connecting.	Bluetooth off; Incorrect pairing; Phone compatibility issue; Reverse input cable not connected.	Ensure Bluetooth is enabled on both devices. Delete previous pairings and re-pair. Check phone compatibility. Ensure reverse input cable is connected.
Touch screen unresponsive.	System freeze; Dirt on screen.	Restart the unit (power cycle). Clean the screen. If issue persists, perform a factory reset (data loss may occur).
Backup camera not displaying.	Camera not connected; Incorrect wiring; Camera fault.	Check camera connections and wiring to the unit. Ensure vehicle is in reverse. Test camera with another display if possible.

8. Specifications

Detailed technical specifications for the Roinvou 4+64G Car Radio.

Feature	Specification
Display Size	9 inches (23 cm)
Resolution	1280 x 720 pixels
Operating System	Android (specific version not detailed, but supports Android Auto)
Memory (RAM)	4GB
Storage (ROM)	64GB
Connectivity	Bluetooth, Wi-Fi, USB
Controller Type	Android
Audio Output Mode	Stereo
Number of Channels	2
Control Method	Touch

Feature	Specification
Item Weight	4.14 pounds
Package Dimensions	14.25 x 11.25 x 6.25 inches

9. Warranty and Support

Roinvou products are designed for reliability and performance. This product comes with a standard warranty covering manufacturing defects. Please refer to your purchase documentation for specific warranty terms and duration.

Customer Support:

If you encounter any difficulties or have questions regarding your Roinvou car radio, please contact our customer support team. You can typically reach us through the platform where you purchased the product (e.g., Amazon chat) or via the provided contact email.

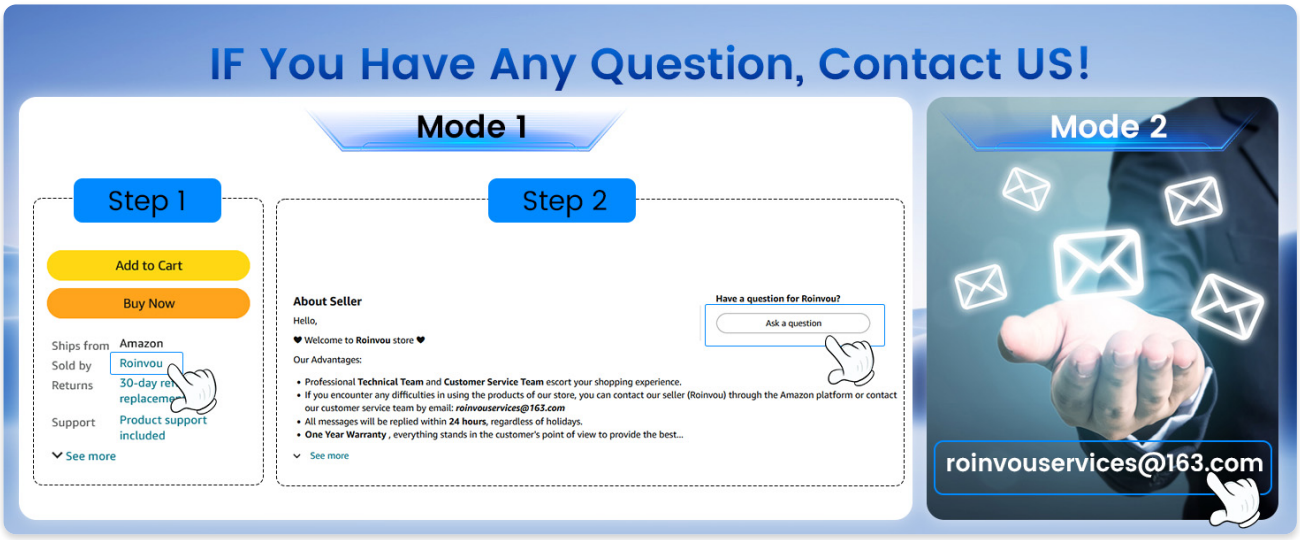


Image 9.1: Information on how to contact Roinvou customer support for assistance.

All messages are typically replied to within 24 hours, excluding holidays. Your satisfaction is our priority.

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

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