

Roinvou B0BWDWXRHM

Roinvou Car Radio User Manual

For Toyota Hilux Fortuner 2005-2014

1. PRODUCT OVERVIEW

The Roinvou Car Radio is an advanced Android 13 car stereo system designed specifically for Toyota Hilux and Fortuner models from 2005 to 2014. It integrates modern connectivity and entertainment features into your vehicle's dashboard, enhancing your driving experience with smart functionalities.

Key Features:

- **Android 13 System:** Provides a smooth and responsive user experience with a powerful CPU.
- **9-inch HD Capacitive Touch Screen:** Offers clear visuals and intuitive control.
- **Wireless/Wired CarPlay & Android Auto:** Seamlessly integrates with your smartphone for navigation, calls, messages, and music.
- **Bluetooth Connectivity:** Supports hands-free calling, phonebook download, and music streaming.
- **HiFi Audio Setting:** Reproduces sound highly similar to your car's original audio quality.
- **FM/RDS Radio:** Access to local broadcasts, real-time traffic, and weather forecasts.
- **GPS Navigation:** Built-in GPS with free North American maps, functional without a cellular network.
- **Wi-Fi Hotspot Connection:** Allows internet access for downloading popular applications like YouTube, Instagram, and TikTok.
- **Mirror Link:** Project your phone screen onto the car radio display.
- **Backup Camera Support:** High-definition reversing images for easier parking.



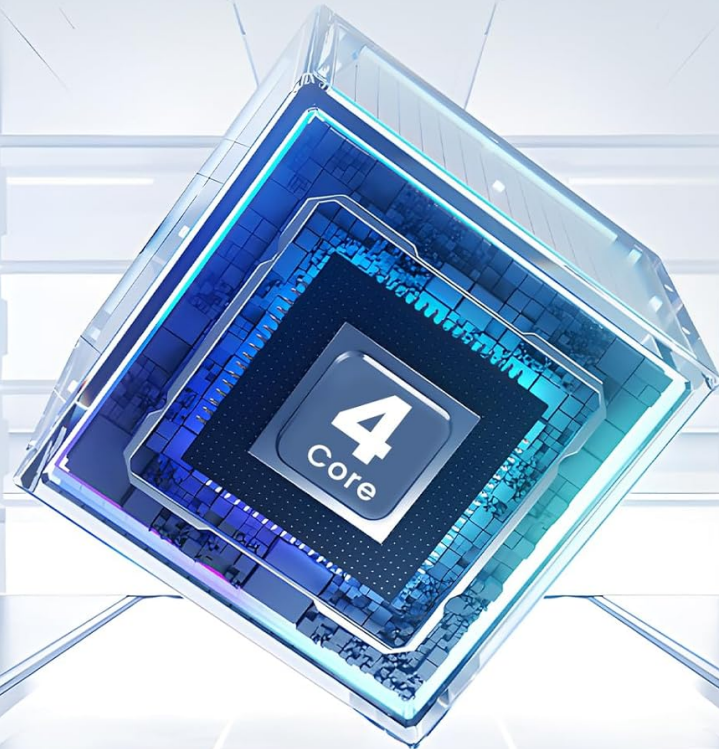
Image 1.1: Roinvou Car Radio unit with included microphone, CarPlay/Android Auto icons, and backup camera.

Large Memory & Running Smoothly

4 Core

2 GB
RAM

64 GB
ROM



Third generation CPU



Second generation CPU

Other

Image 1.2: Internal specifications highlighting the 4-core CPU, 2GB RAM, and 64GB ROM for smooth operation.

2. PACKAGE CONTENTS

Upon opening the package, please verify that all the following components are included:

- Roinvou Car Stereo for Toyota Fortuner Hilux
- Power Cable
- RCA Cable
- GPS Antenna
- AHD Backup Camera
- External Microphone
- Rear Camera Input Cable
- Dual USB Cable
- Installation Tool & Accessories (including frame panel)

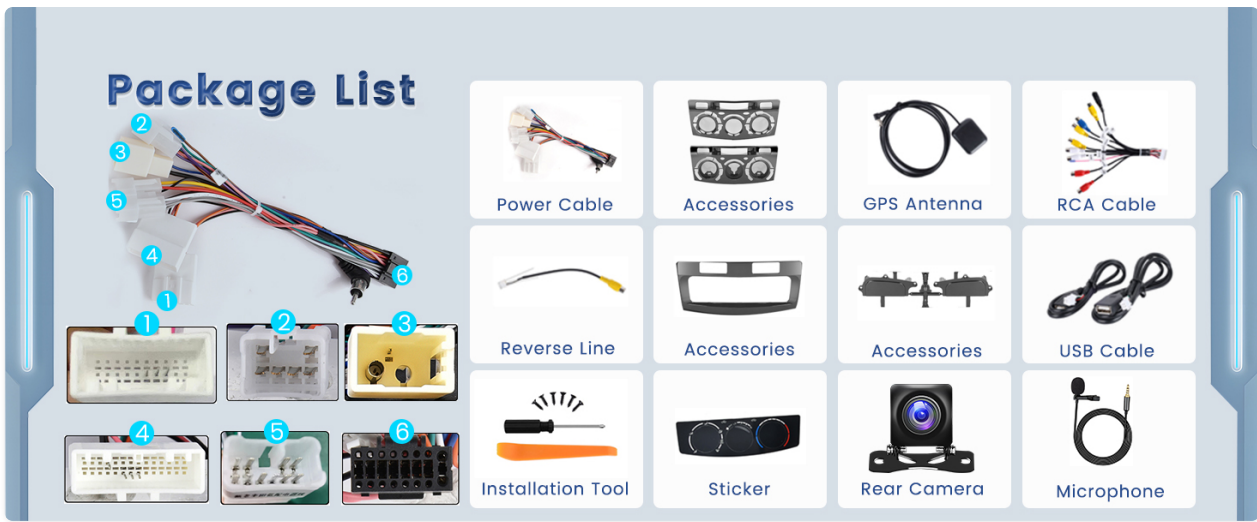


Image 2.1: Visual representation of all items included in the Roinvou Car Radio package.

3. INSTALLATION GUIDE

This section provides essential information and steps for installing your Roinvou Car Radio. Professional installation is recommended.

3.1 Pre-Installation Checks

This upgraded radio dash kit is compatible with Toyota Fortuner Hilux models from 2005 to 2014, including both Manual and Auto A/C versions. The stereo comes with an in-dash head unit, wiring harness cables, and a frame panel. Please note that the included cable does **NOT** support original cars with a power amplifier. Before purchasing and installing, verify that the power cable port on the detail page matches your original car's port.

For Toyota Fortuner Hilux 2005–2014



Image 3.1: Comparison of the car dashboard before and after the Roinvou Car Radio installation.

3.2 Connecting the Backup Camera

The reverse input cable must be plugged in even if the reverse camera is not being used. Failure to do so may affect Bluetooth and Wi-Fi signal reception. Connect the video output cable from the camera to the 'Video(out)' port on the stereo. Connect the camera's red wire to the reversing lamp's positive (+) terminal and the black wire to the ground (GND) terminal.

How to Connect the Backup Camera

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.



Image 3.2: Detailed wiring diagram for connecting the backup camera.

3.3 Steering Wheel Control Setup

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. Then, go to the "SteeringWheelKey" manual match setting on the stereo to activate the button function.

With CANBUS Decoder: If your system includes a CANBUS decoder, connect it before powering on the machine. Then, follow this path: *Settings > Factory Settings (Password 8888) > Protocol settings* to make Steering Wheel Control (SWC) work properly. First, select the brand of the CANBUS decoder, then select the matching model and year according to your actual situation.

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 Settings (Password 8888) - Protocol 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.



Image 3.3: Interface for configuring steering wheel controls.

4. OPERATING INSTRUCTIONS

This section details the various functions and how to operate your Roinvou Car Radio.

4.1 Wireless/Wired CarPlay & Android Auto

Connect your smartphone to the Roinvou car radio via Bluetooth (for wireless connection) or the original USB data cable (for wired connection). This transforms your dashboard into an infotainment center, allowing you to make phone calls, send messages, navigate, and enjoy music hands-free. This intuitive connection enhances every driving experience.

Wireless/Wired Carplay & Android Auto

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

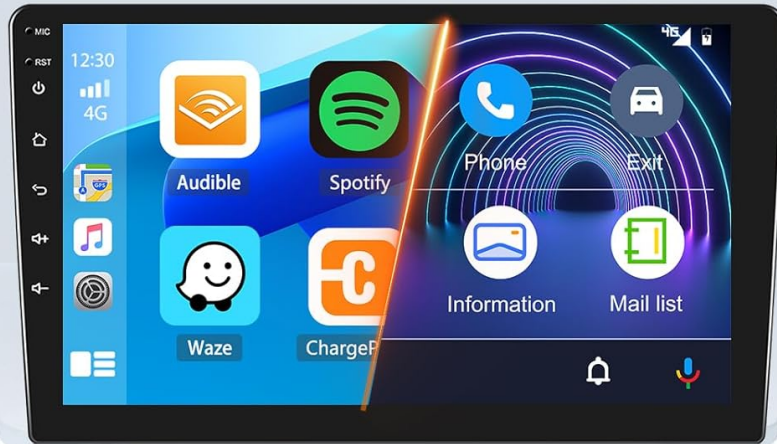


Image 4.1: Display showing CarPlay and Android Auto interfaces with various app icons.

4.2 Bluetooth & HiFi & FM/RDS Radio

The HiFi setting ensures audio reproduction highly similar to your car's original sound, providing an ultimate sound experience. The Bluetooth feature supports hands-free calling, phonebook download, and music playback. The FM/RDS radio allows you to tune into new broadcasts, real-time traffic updates, and weather forecasts.



Image 4.2: Visuals demonstrating Bluetooth calling, FM/RDS radio, and HiFi audio settings.

4.3 GPS Navigation & Wi-Fi Connection

Equipped with built-in GPS navigation and free North American maps, the system functions without requiring a cellular network, ensuring an undisturbed driving experience and maintaining personal privacy. It also supports Wi-Fi hotspot connection, allowing you to browse the internet and download popular applications such as YouTube, Instagram, and TikTok.

GPS Navigation & WiFi Connection



Image 4.3: Display showing GPS navigation and available apps via Wi-Fi.

4.4 Mirror Link Functionality

The Mirror Link feature allows you to project your smartphone's screen (both Android and iOS) onto the car radio display. This can be achieved via Wi-Fi or USB connection, providing a larger view for apps, videos, or photos from your phone.

Mirror Link for Android/iOS



WiFi & USB Connection



WiFi & USB Connection



Image 4.4: Illustration of Mirror Link functionality for both Android and iOS devices.

4.5 Rear View Camera Operation

The system supports a high-definition rear view camera, displaying clear reversing images on the screen. This feature significantly assists in parking and maneuvering in tight spaces, improving safety.

Support Rear View Camera Easy to Park

High-definition reversing images can be displayed clearly.



High Definition Waterproof Wide Angle Night Vision



Image 4.5: Example of the high-definition rear view camera display.

5. MAINTENANCE

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

- **Cleaning the Screen:** 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.
- **General Cleaning:** Keep the unit free from dust and debris. Use a soft brush or compressed air to clean vents and ports.
- **Software Updates:** Periodically check for software updates from the manufacturer to ensure you have the latest features and bug fixes.
- **Avoid Extreme Temperatures:** Do not expose the unit to prolonged direct sunlight or extreme cold, as this can affect performance and lifespan.

6. TROUBLESHOOTING

If you encounter issues with your Roinvou Car Radio, refer to the following common problems and their potential solutions:

- **Unit Does Not Power On:**
 - Check all power cable connections to ensure they are secure.
 - Verify the car's fuse related to the stereo is not blown.
- **Slow Startup Time:**
 - This can be normal for Android systems. Ensure no excessive background applications are running.
 - If persistently slow, a factory reset might be considered (note: this will erase all user data).
- **Bluetooth Connection Issues:**
 - Ensure Bluetooth is enabled on both the car stereo and your phone.
 - Delete previous pairings on both devices and try reconnecting.
 - Move closer to the unit to ensure signal strength.
 - Restart both the stereo and your phone.
- **Backup Camera Not Working:**
 - Verify that the reverse input cable is correctly plugged into the stereo, even if the camera is not in use, as it affects signal reception.
 - Check the camera's power and video connections.
 - Ensure the camera itself is functional.
- **Radio Stations Not Remembered After Restart:**
 - This indicates a potential issue with the constant power (ACC) wire connection. Ensure the yellow constant power wire is correctly connected to a constant 12V source in your vehicle, not a switched ignition source.
- **No Sound Output:**
 - Check speaker wire connections.
 - Ensure the volume is not muted or set to minimum.
 - Verify audio settings and equalizer settings.
- **GPS Signal Weak or Not Found:**
 - Ensure the GPS antenna is properly connected and placed in an area with a clear view of the sky (e.g., on the dashboard).
 - Avoid placing the antenna near metal objects that could interfere with the signal.

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

7. TECHNICAL SPECIFICATIONS

Feature	Specification
Item Weight	4.19 pounds
Product Dimensions	17.56 x 3.27 x 9.84 inches
Display Size	9 Inches
Screen Resolution	1024 x 600
Operating System	Android 13

Connectivity Technology	Bluetooth, USB, Wi-Fi
Map Type	North America (Pre-loaded)
Audio Output Mode	Stereo
Mounting Type	Dashboard Mount
First Available Date	February 28, 2023

8. WARRANTY AND CUSTOMER SUPPORT

The Roinvou Car Radio comes with a **1-Year Warranty** from the date of purchase. This warranty covers manufacturing defects and ensures the product functions as intended under normal use.

For any questions, technical assistance, or warranty claims, please contact Roinvou customer support. You can typically reach them through the Amazon platform by visiting the Roinvou store page and clicking 'Ask a question' or by emailing them directly.

IF You Have Any Question, Contact US!

Mode 1

Step 1

Add to Cart

Buy Now

Ships from Amazon

Sold by Roinvou

Returns 30-day replacement

Support Product support included

See more

Step 2

About Seller

Hello,

Welcome to Roinvou store

Our Advantages:

- Professional Technical Team and Customer Service Team escort your shopping experience.
- If you encounter any difficulties in using the products of our store, you can contact our seller (Roinvou) through the Amazon platform or contact our customer service team by email: roinvouservices@163.com
- All messages will be replied within 24 hours, regardless of holidays.
- One Year Warranty, everything stands in the customer's point of view to provide the best...

See more

Have a question for Roinvou?

Ask a question

Mode 2

roinvouservices@163.com

Image 8.1: Information on how to contact Roinvou customer support.

Roinvou is committed to providing professional technical support and customer service to ensure a satisfactory experience. All messages are typically replied to within 24 hours, regardless of holidays.