

Roinvou 4+64G

Roinvou 10.1-inch Car Stereo User Manual

For Toyota Yaris Vios (2013-2016)

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Roinvou 10.1-inch Car Stereo. This unit is specifically designed for Toyota Yaris and Vios models manufactured between 2013 and 2016, offering an enhanced in-car entertainment and navigation experience. Please read this manual thoroughly before installation and use to ensure proper function and safety.

2. PRODUCT OVERVIEW

2.1 Key Features

- **Vehicle Compatibility:** Designed for Toyota Yaris Vios 2013-2016 models, ensuring seamless integration.
- **Wireless Carplay & Android Auto:** Instant wireless synchronization with iPhone/Android phones for navigation, music, and calls. Supports hands-free voice assistant.
- **High-Resolution Display:** 10.1-inch 1280*720P HD display with wide viewing angles, readable in direct sunlight. Supports split-screen functionality.
- **Bluetooth 5.0:** Enhanced connectivity for music streaming and hands-free calling with zero interference.
- **Mirror Link:** Allows screen mirroring of smartphone content (games, videos) to the stereo display.
- **32-Band EQ Tuning:** Customizable audio settings with preset modes (Rock, Pop, Classic) for optimized sound quality.
- **Smart FM/RDS Radio:** Auto-syncs RDS radio information (frequency, program name) and allows saving favorite channels.
- **GPS Navigation & WiFi:** Built-in GPS for offline navigation and online map access via WiFi connection.
- **AHD Reversing Camera Support:** Includes an AHD backup camera for convenient and safe parking.

- **Steering Wheel Control (SWC):** Supports original steering wheel control buttons for easy operation.

2.2 Package Contents

The following items are included in your package:

- Roinvou Car Stereo for Toyota Yaris Vios
- 1 x Power Cable
- 1 x RCA Harness
- 1 x GPS Antenna
- 1 x AHD Backup Camera
- 1 x External Microphone
- 1 x Rear Camera Input Cable
- 2 x USB Cables
- 1 x Installation Tool



Figure 1: Roinvou 10.1-inch Car Stereo and included components.

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.

Reversing Camera Wiring

Red Cable ①: Connects to the positive terminal of the car's reverse light cable.

Black Cable ②: Connects to the negative terminal of the car's reverse light cable.

There is no need to connect the other two red extension cables ③ and ④.

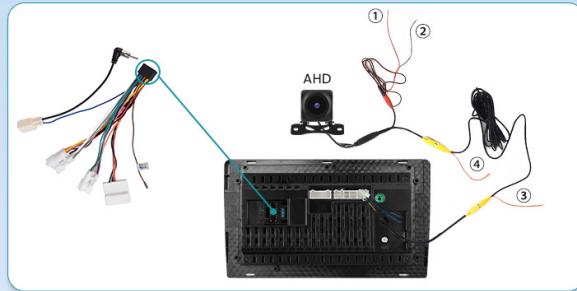


Figure 2: Product dimensions and detailed package list.

3. SETUP AND INSTALLATION

3.1 Vehicle Compatibility Check

This car stereo is compatible with Toyota Yaris and Vios models from 2013 to 2016. It is designed for seamless replacement of the original dash panel without requiring wiring modifications. If you are unsure about compatibility, please verify your car's model and year.

For Toyota Yaris Vios 2013-2016



Figure 3: Before and after installation of the Roynou car stereo in a Toyota Yaris/Vios dashboard.

3.2 Wiring Port Connections

Refer to the diagram below for connecting the various cables to the car stereo unit.

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 "SteeringWheel Key" manual match to activate the button function.

Contain CANBUS Decoder:

Please connect the canbus before powering on the machine, and then follow this path (Apps - Settings - Factory Settings(8888/8317) - Vehicle - Automotive type) 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 4: Wiring port diagram for the car stereo.

1. **Power Cable:** Connects to the vehicle's power harness.
2. **RCA Cable:** For audio/video input/output connections.
3. **USB Cable:** For connecting USB devices.
4. **Camera Input:** For connecting the AHD backup camera.
5. **Radio Antenna:** Connects to the vehicle's radio antenna.
6. **GPS Antenna:** Connects the GPS antenna for navigation functionality.

3.3 Backup Camera Connection

Follow these steps to connect the AHD backup camera:



Figure 5: Backup camera wiring instructions.

- **Red Cable (1):** Connects to the positive terminal of the car's reverse light cable.
- **Black Cable (2):** Connects to the negative terminal of the car's reverse light cable.

Note: The reverse input cable must be plugged into the stereo unit even if the reverse camera is not being used. Failure to do so may affect Bluetooth and WiFi signal reception.

3.4 Steering Wheel Control (SWC) Setup

The method for setting up steering wheel controls depends on whether your vehicle uses a CANBUS decoder.



Figure 6: Steering Wheel Control setup guide.

Without CANBUS Decoder:

- 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.
- Go to "SteeringWheel Key" in the stereo's settings and manually match the buttons to activate the function.

With CANBUS Decoder:

- Connect the CANBUS before powering on the machine.
- Navigate to: **Apps > Settings > Factory Settings (8888/8317) > Vehicle > Automotive type**
- Select the brand of the CANBUS decoder, then select the matching model and year according to your vehicle's specifications.

4. OPERATING INSTRUCTIONS

4.1 Wireless Carplay & Android Auto

Connect your iPhone or Android smartphone wirelessly to access navigation, music, and communication features directly on the stereo display. Use voice commands (Siri/Google Voice Assistant) for hands-free operation.

Wireless CarPlay & Android Auto






Hey siri, turn on music

Navigate to Queens Road

Send a message to Maria





Voice Control



Hands-free Calling



Online Music



Online Map

Wireless Connection



Support Most APPS



Spotify



Waze



Whats App



Youtube



Twitter

Figure 7: Wireless Carplay and Android Auto interface.

4.2 Mirror Link Function

The Mirror Link feature allows you to display your smartphone's screen content directly onto the car stereo. This is useful for viewing videos, photos, or using apps not natively supported by the stereo interface.



Figure 8: Mirror Link functionality.

4.3 GPS Navigation & WiFi

The unit features built-in GPS for navigation. You can download offline maps from the Play Store. Connect to a WiFi network to use online maps and access other internet-dependent applications.

GPS Navigation & WiFi

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 9: GPS Navigation and WiFi connectivity.

4.4 Bluetooth 5.0

Pair your smartphone via Bluetooth 5.0 for hands-free calling and high-quality audio streaming. The advanced Bluetooth ensures stable connections and clear communication.



Figure 10: Bluetooth 5.0 features for calls and music.

4.5 Audio Equalizer (EQ) Settings

Customize your audio experience with the 32-band equalizer. Adjust frequency levels to match your preferences or choose from pre-set sound modes like Rock, Pop, or Classic.



Figure 11: 32-Band EQ settings interface.

4.6 FM/RDS Radio

Access FM radio stations and benefit from RDS (Radio Data System) which displays station information such as frequency and program name. Save your favorite stations for quick access.

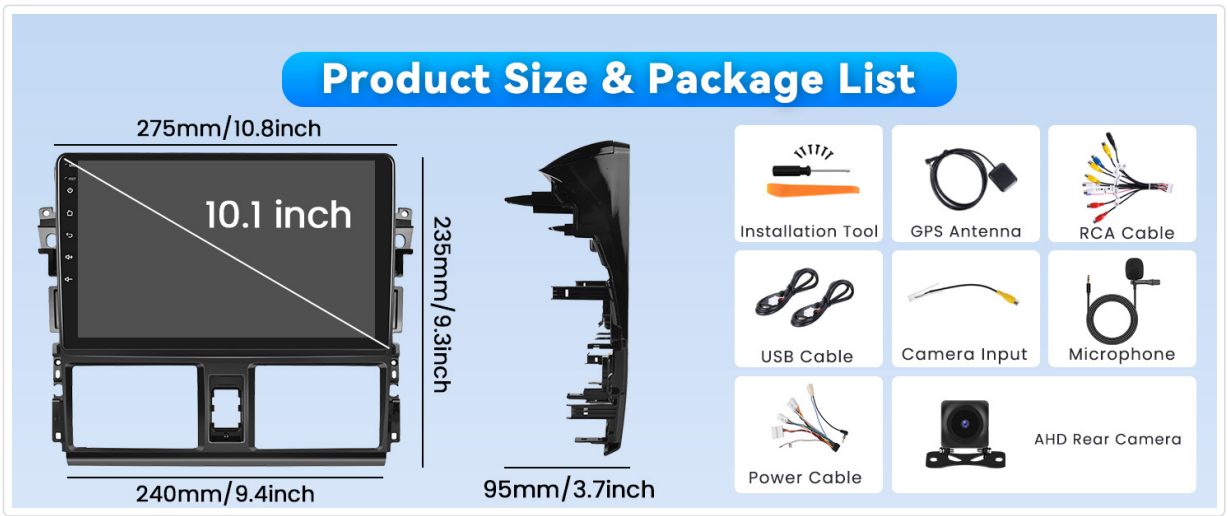


Figure 12: FM/RDS Radio interface.

4.7 Split Screen and Homepage Display

The stereo supports a three-panel homepage display for quick access to multiple functions. Utilize the split-screen feature to run two applications simultaneously, such as navigation and music.



Figure 13: Three-panel homepage and split-screen functionality.

4.8 AHD Backup Camera

When the vehicle is shifted into reverse, the stereo automatically displays the feed from the AHD backup camera, providing a clear view of the area behind your vehicle for safer parking and maneuvering.



Figure 14: AHD Backup Camera view and Steering Wheel Control options.

5. SPECIFICATIONS

Feature	Specification
Display Size	10.1 Inches
Resolution	1280 x 720P
Connectivity Technology	Bluetooth, USB, Wi-Fi
Bluetooth Version	5.0
Special Features	Wireless CarPlay, Wireless Android Auto, Mirror Link, GPS Navigation, FM RDS Radio, Support Reverse Input, Split Screen, EQ Setting, SWC
Audio Output Mode	Stereo
Mounting Type	Dashboard Mount
Item Weight	4.44 pounds
Package Dimensions	11.61 x 11.22 x 4.72 inches

6. MAINTENANCE

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

- **Cleaning:** Use a soft, dry cloth to clean the screen and exterior surfaces. Avoid abrasive cleaners or solvents that could damage the display or finish.
- **Software Updates:** Periodically check for available software updates to ensure you have the latest features and performance enhancements. Updates can typically be found through the system settings or the manufacturer's website.
- **Environmental Conditions:** Avoid exposing the unit to extreme temperatures, direct sunlight for prolonged periods, or excessive moisture.
- **Cable Connections:** Ensure all cables are securely connected. Loose connections can lead to intermittent functionality or signal loss.

7. TROUBLESHOOTING

If you encounter issues with your Roinvou Car Stereo, refer to the following common troubleshooting steps:

- **No Power:** Check all power cable connections. Ensure the vehicle's ignition is on. Verify the fuse in the power cable.
- **No Sound:** Check speaker connections. Ensure the volume is not muted or set too low. Verify audio settings in the EQ.
- **Bluetooth/WiFi Connectivity Issues:** Ensure the reverse input cable is connected to the stereo unit,

even if no camera is used, as this affects signal reception. Restart the stereo and your mobile device. Check Bluetooth/WiFi settings on both devices.

- **GPS Signal Loss:** Ensure the GPS antenna is properly installed and has a clear view of the sky. Check GPS settings in the unit.
- **Steering Wheel Controls Not Working:** Re-check the SWC wiring. If applicable, re-configure the SWC settings in the unit (refer to Section 3.4).
- **Backup Camera Not Displaying:** Verify the camera input cable and the reverse trigger wire connection to the car's reverse light.

If problems persist after attempting these steps, please contact Roinvou customer support for further assistance.

8. WARRANTY AND SUPPORT

8.1 Warranty Information

The Roinvou Car Stereo comes with a **1-Year Warranty** from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use. Please retain your proof of purchase for warranty claims.

8.2 Customer Support

For technical support, warranty claims, or any other inquiries, please contact Roinvou customer service through the platform where you purchased the product or refer to the contact information provided with your purchase documentation.