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Roinvou Roinvou Single Din Car Stereo

Roinvou Single Din Car Stereo User Manual

Model: Roinvou Single Din Car Stereo

1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Roinvou Single Din Car Stereo. This unit features a 7-inch IPS touchscreen, wired Apple CarPlay and Android Auto, Mirror Link, FM radio, Equalizer (EQ), Bluetooth 5.0, USB and Type-C ports, support for backup cameras, and steering wheel control compatibility. Please read this manual thoroughly before use to ensure proper functionality and safety.

2. PACKAGE CONTENTS

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

- 1 x Car MP5 Player (Main Unit)
- 1 x Power Cable
- 1 x Horn Cable
- 1 x User Manual
- 2 x Mounting Brackets
- 1 x Backup Camera (Included)
- 1 x External Microphone (Included)

Package List



Figure 2.1: Illustration of the package contents and key dimensions of the car stereo unit. The image displays the main unit, power cable, horn cable, rear camera, microphone, mounting bracket, and user manual. Dimensions for the 7-inch screen and overall unit are also shown.

3. PRODUCT OVERVIEW

The Roynvou Single Din Car Stereo features a responsive 7-inch IPS touchscreen and a physical knob for intuitive control. It is designed to fit US standard Single Din size car openings.



Figure 3.1: The Roinvou Single Din Car Stereo main unit, showcasing the 7-inch touchscreen and physical knob. Also visible are the included backup camera, external microphone, and various connection cables, highlighting the comprehensive package.

3.1. User Interface Display

The unit features a customizable user interface with various display options for different functions like music, radio, and settings. The high-resolution screen ensures clear visibility.



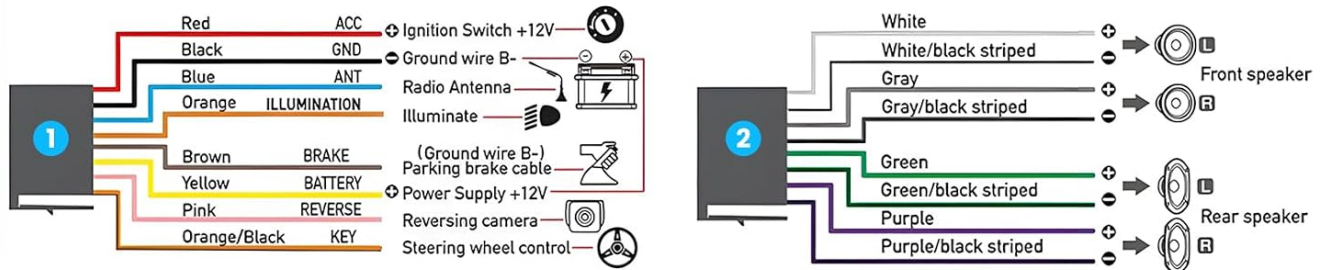
Figure 3.2: An illustration of the various user interface screens, demonstrating the layout for music playback, radio tuning, and system settings. The design emphasizes ease of navigation and visual clarity.

3.2. Rear Panel Connections

The rear panel provides all necessary ports for power, audio output, video input, and antenna connections.

Product Details

Please check the installation size carefully before purchasing, and confirm whether the panel matches your car model.



- 1.Power Cable
- 2.Horn Cable
- 3.Rear Mic in
- 4.Left Audio Output
- 5.Video Output 1
- 6.CVBS Input
- 7.Right Audio Output
- 8.Video Output 2
- 9.Reversing Video Input
- 10.Radio Antenna

Figure 3.3: Detailed view of the product's rear panel connections, including labeled ports for power, horn, rear mic, audio outputs, video inputs, and radio antenna. A corresponding wiring diagram illustrates how to connect these to your vehicle's electrical system.

4. INSTALLATION

The Roynvou Single Din Car Stereo is designed for a standard Single Din installation. The installation size is approximately 6.93 inches (W) x 4.49 inches (H). Ensure your vehicle's dashboard opening matches these dimensions before proceeding.

4.1. Wiring Connections

Connect the power cable, horn cable, and other necessary wires according to the wiring diagram provided in Figure 3.3. The unit operates on a DC 12V power supply and has a maximum power output of 4x45W.

4.2. Backup Camera Connection

To connect the backup camera, follow these steps:

1. Connect the **Red Cable** to the positive pole of your car's reversing light cable.
2. Connect the **Black Cable** to the negative pole of your car's reversing light cable.
3. Connect the **Pink Color** wire from the stereo to the red cable (extension of the video input wire) of the backup camera.



Figure 4.1: A visual guide demonstrating the correct wiring for the backup camera, showing connections to the car stereo's rear input and the vehicle's reversing light power source.

4.3. Mounting

Use the provided mounting brackets to secure the unit firmly into the dashboard opening. Ensure all connections are secure before finalizing the installation.



Figure 4.2: A comparison image showing a car dashboard before and after the installation of the Roinvou Single Din Car Stereo, illustrating the integrated appearance of the upgraded unit.

5. BASIC OPERATION

5.1. Power On/Off

Press the power button (usually integrated with the volume knob) to turn the unit on or off.

5.2. Volume Control

Rotate the physical knob to adjust the volume level.

5.3. Screen Display

The 7-inch IPS display has a resolution of 1024x600 pixels and supports 1080P video playback for clear visuals.

5.4. Button Color Customization

The unit features twelve customizable button color lights, allowing you to match the stereo's illumination to your car's interior or personal preference.



Figure 5.1: An illustration showcasing the twelve customizable button colors available on the car stereo, along with a visual of the multi-function USB and Type-C charging ports.

6. KEY FEATURES

6.1. Wired Carplay & Android Auto

Connect your smartphone via a USB cable to access Apple CarPlay or Android Auto. This allows for seamless integration of your phone's functions, including making calls, playing music, and using navigation apps directly on the stereo's screen.



Figure 6.1: This image demonstrates the wired connectivity for Apple CarPlay and Android Auto, showing how smartphone interfaces are mirrored on the stereo screen. It also illustrates the Mirror Link feature for both iOS and Android devices.

Apple Carplay & Android Auto

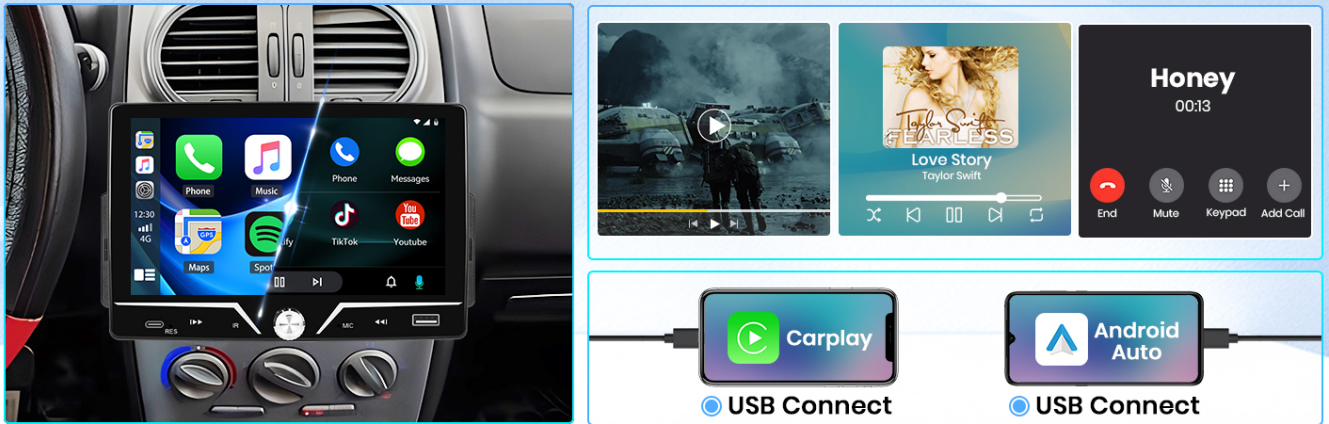


Figure 6.2: A visual representation of the Apple CarPlay and Android Auto interfaces displayed on the car stereo, highlighting features like music playback, phone calls, and app integration.

6.2. Mirror Link

The Mirror Link function allows you to synchronize your iOS or Android phone screen to the stereo display via a wired USB connection. This enables you to view and interact with your phone's apps, music, and videos on the larger screen.

6.3. FM Radio

Tune into FM radio stations to listen to real-time traffic updates, news broadcasts, and weather forecasts. The unit includes a preset store function to save your favorite channels for quick access.



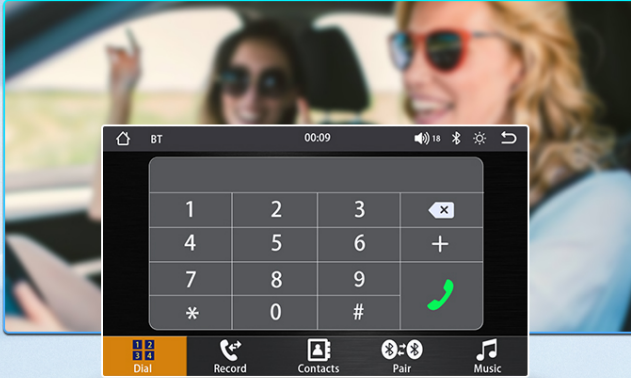
Figure 6.3: The FM radio interface on the car stereo, showing frequency display and station selection options.

6.4. EQ (Equalizer)

Utilize the built-in Equalizer to adjust audio frequencies, providing a personalized and immersive sound experience. Fine-tune the sound to match your preferences for various music genres.

Bluetooth 5.0

Connect with mobile phone, and support hands-free calling, phone book download



1024×600 Screen Resolution

Enjoy a crystal-clear viewing experience with a 1024x600P HD screen



Figure 6.4: The Equalizer (EQ) settings screen, illustrating various frequency bands and preset options for audio customization.

6.5. Bluetooth 5.0

Connect your mobile phone wirelessly via Bluetooth 5.0 for hands-free calling and phone book download. This feature enhances safety by allowing you to manage calls without diverting attention from the road.

How to Connect the Backup Camera

Red Cable①⑤: Connect the positive pole of the car reversing light cable

Black Cable②: Connect the negative pole of the car reversing light cable

Pink Color④: Need connect to the red cable③ (Extensive of the video input wire)

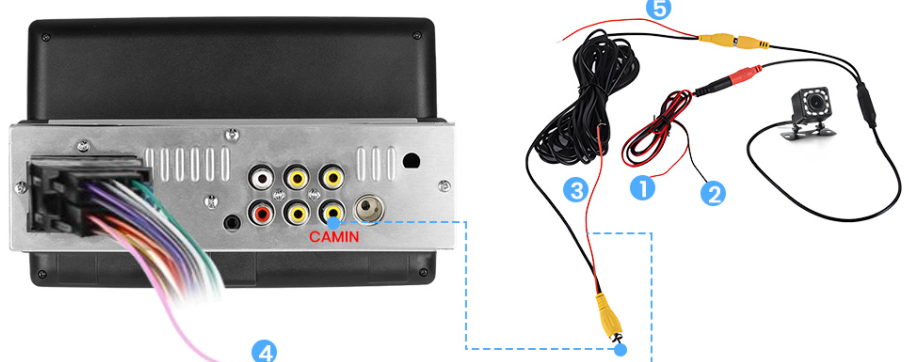


Figure 6.5: The Bluetooth 5.0 interface for hands-free calling and phone book access, alongside an image demonstrating the clarity of the 1024x600 HD screen resolution.

6.6. USB & Type-C Ports

The multi-function USB and Type-C ports allow you to connect various devices to enjoy your favorite music, videos, and photos. These ports also support charging for compatible devices.

6.7. Backup Camera Support

When connected, the unit automatically displays the reverse image on the screen when you shift your vehicle into reverse, aiding in safer parking and maneuvering.

6.8. Steering Wheel Control (SWC)

The stereo supports steering wheel controls, allowing you to manage essential functions directly from your steering wheel. To enable this feature, you must complete the steering wheel button learning process in the unit's settings.

Upgrade Single Din Car Stereo



Figure 6.6: An illustration showing the steering wheel control interface and how it integrates with the car stereo, allowing for convenient operation of functions like volume and track changes.

7. MAINTENANCE

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

- **Cleaning the Screen:** Use a soft, lint-free cloth to gently wipe the touchscreen. 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 around buttons and ports.
- **Temperature:** Avoid exposing the unit to extreme temperatures, both hot and cold, as this can affect performance and lifespan.
- **Connections:** Periodically check all wiring connections to ensure they are secure and free from corrosion.

8. TROUBLESHOOTING

If you encounter issues with your Roinvou Single Din Car Stereo, refer to the following common troubleshooting tips. If the problem persists, please contact customer support.

Problem	Possible Cause	Solution
No Power	Loose power connection; Blown fuse; Vehicle battery issue.	Check power cable connections. Inspect and replace fuses if necessary. Verify vehicle battery health.
No Sound	Volume too low; Mute function active; Speaker wiring issue; Incorrect audio source.	Increase volume. Disable mute. Check speaker connections. Select correct audio input.

Problem	Possible Cause	Solution
Touchscreen Unresponsive	System freeze; Software glitch.	Restart the unit (turn off and on). If available, perform a factory reset (refer to settings menu).
CarPlay/Android Auto Not Connecting	Faulty USB cable; Phone software issue; Incorrect settings.	Try a different USB cable. Ensure phone OS is updated. Check phone and stereo settings for CarPlay/Android Auto.
Backup Camera Not Displaying	Incorrect wiring; Camera malfunction; Vehicle not in reverse.	Verify camera wiring (refer to Section 4.2). Ensure vehicle is in reverse gear. Test camera if possible.

9. SPECIFICATIONS

Feature	Specification
Model Name	Roinvou Single Din Car Stereo
Display Size	7 Inches
Screen Resolution	1024 x 600
Max Power Output	4 x 45W
Working Voltage	DC 12V
Connectivity Technology	Bluetooth, USB, Wi-Fi (for Mirror Link/CarPlay/Android Auto)
Audio Output Mode	Stereo
Mounting Type	Dashboard Mount
Item Weight	1.78 pounds
Package Dimensions	9.09 x 5.39 x 5 inches

10. WARRANTY AND SUPPORT

10.1. Warranty Information

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

10.2. Customer Support

For any questions regarding installation, application, or troubleshooting, Roinvou offers **24-hour online customer service**. You can reach our support team via Amazon chat or E-mail.

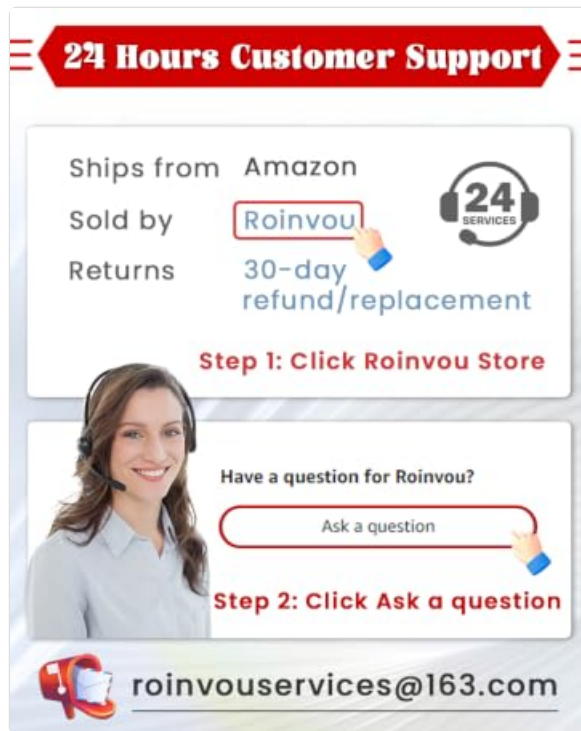


Figure 10.1: Information on how to contact Roinvou customer support, including steps to reach out via the Amazon platform and a direct email address for assistance.

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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