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Roinvou 860704d4-4f0f-4156-b048-859db45d897a

Roinvou Single Din Touchscreen Radio User Manual

Model: 860704d4-4f0f-4156-b048-859db45d897a

1. Product Overview

The Roinvou Single Din Touchscreen Radio is a versatile car stereo system designed to enhance your in-car entertainment and connectivity. Featuring a 6.9-inch HD touchscreen, it supports wireless Apple CarPlay and Android Auto, Bluetooth, FM/RDS radio, and includes a backup camera input. It also offers fast charging via USB and Type-C ports.



Image: The Roinvou Single Din Touchscreen Radio unit, along with its included accessories such as the remote control, steering

wheel controller, and backup camera.

2. What's in the Box

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

- Single Din Car Stereo
- Power Cable
- Speaker Cable
- Remote Control
- External Microphone
- Backup Camera
- Steering Wheel Controller
- User Manual



Image: A visual representation of all items included in the product package, such as the main unit, cables, remote, microphone, camera, and manual.

3. Installation Guide

3.1. Unit Dimensions and Compatibility

This unit is an ISO standard single DIN size stereo. Different vehicle models may require additional purchase of Dash Kits, Wire Harnesses, or Radio Antenna Adapters (not included in the package).

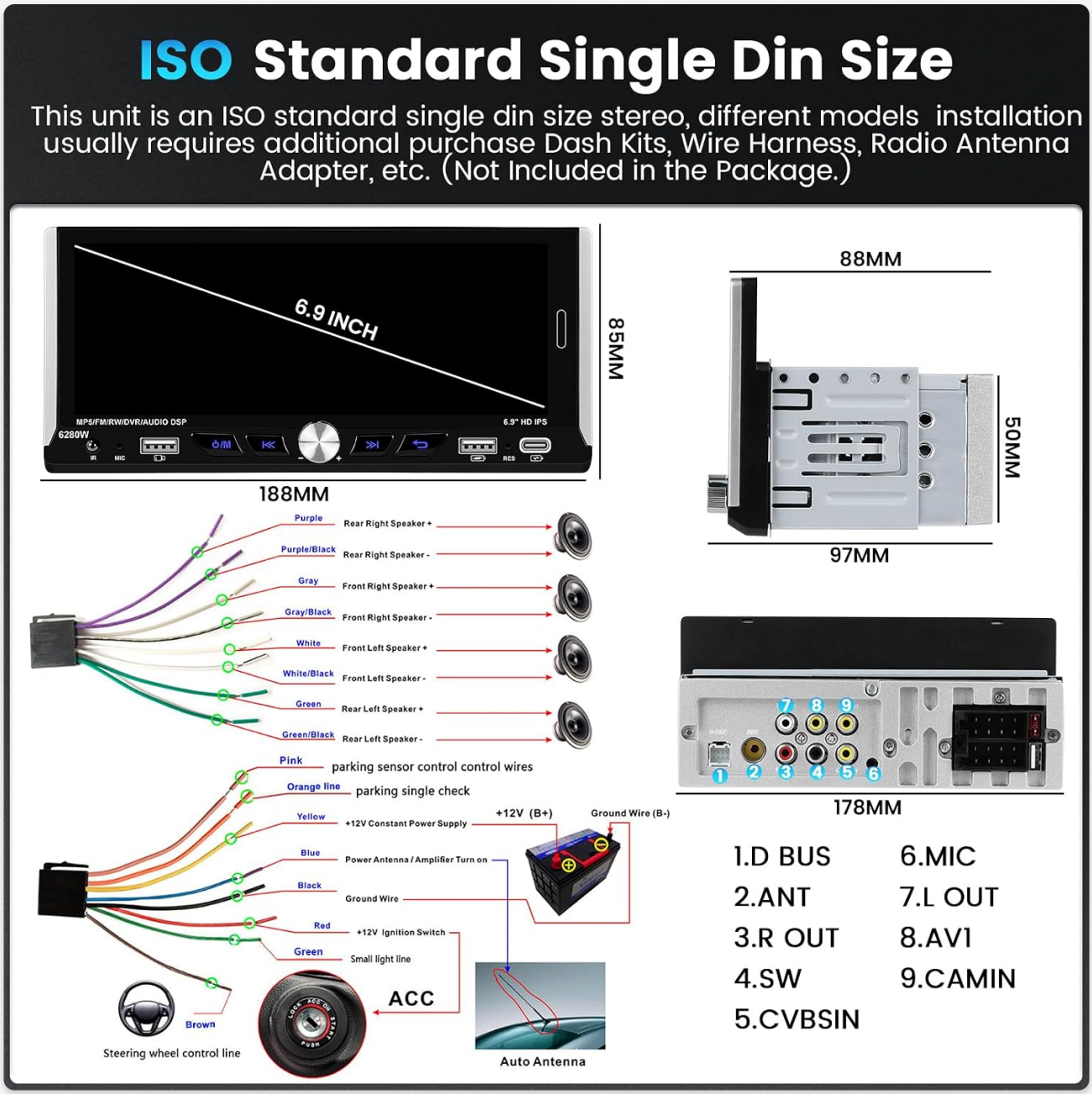


Image: Detailed dimensions of the Roinvou single DIN unit, showing its width, height, and depth for proper installation planning.

3.2. Wiring Diagram

Follow the wiring diagram carefully for proper connection. Incorrect wiring can damage the unit or your vehicle's electrical system.

- **Yellow (+12V Constant Power):** Connect to the vehicle's constant 12V power supply.
- **Red (+12V Ignition Switch):** Connect to the vehicle's accessory/ignition switched 12V power supply.
- **Black (Ground Wire):** Connect to a good chassis ground point in the vehicle.
- **Blue (Power Antenna / Amplifier Turn-on):** Connect to power antenna or amplifier remote turn-on lead.
- **Orange (Parking Single Check):** Connect to the parking brake wire for safety features.

- **Pink (Parking Sensor Control Wires):** For parking sensor integration.
- **Brown (Steering Wheel Control Line):** For connecting to vehicle's steering wheel control interface.
- **Speaker Wires (White/White-Black, Gray/Gray-Black, Green/Green-Black, Purple/Purple-Black):** Connect to corresponding vehicle speaker wires (Front Left, Front Right, Rear Left, Rear Right).

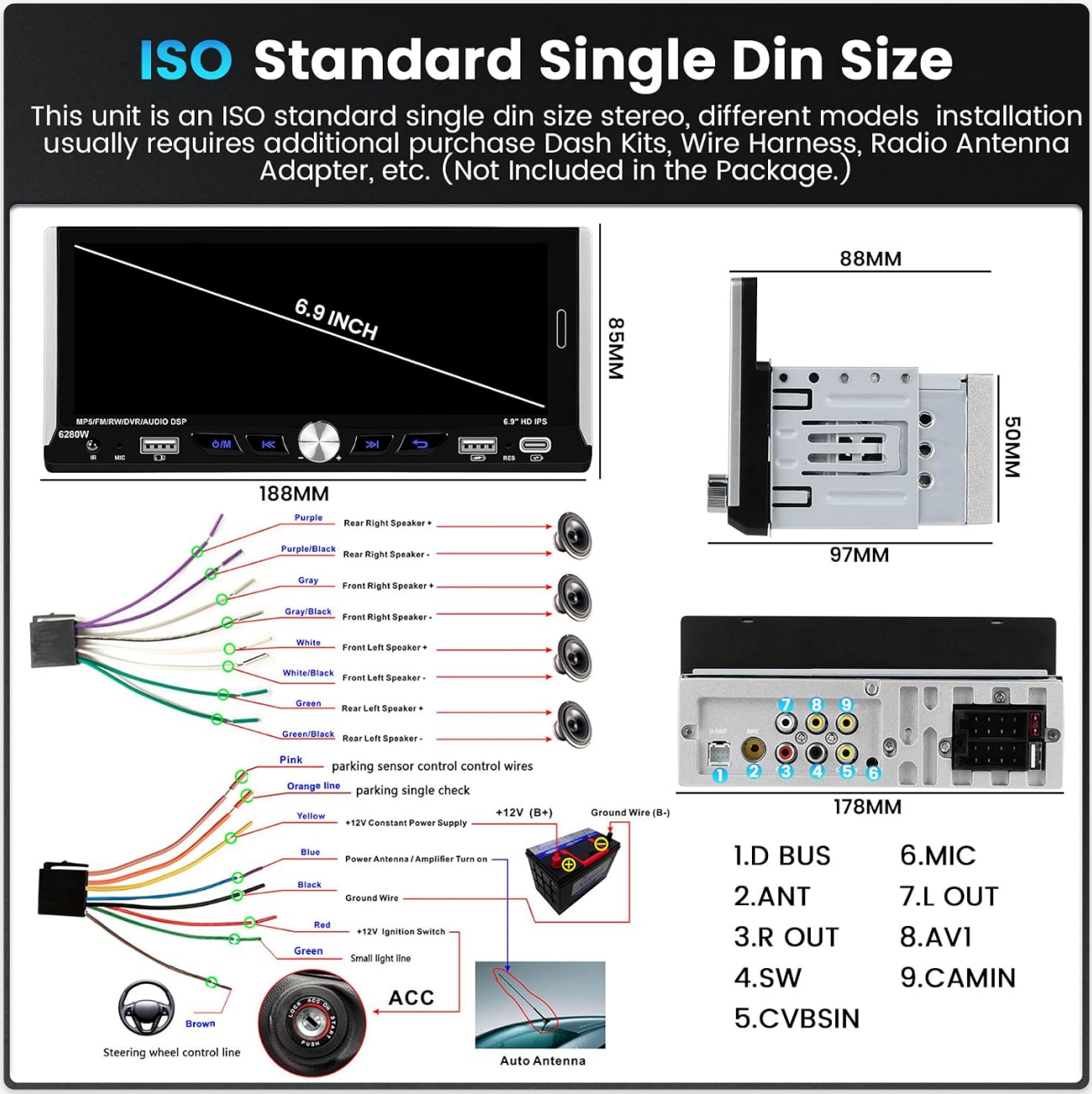


Image: A comprehensive wiring diagram illustrating all necessary connections for power, speakers, and auxiliary functions.

3.3. Backup Camera Installation

The unit supports a rear view camera for safer parking. Connect the camera as follows:

1. Connect the camera's power cable to the vehicle's reversing lamp power source.
2. Connect the camera's ground wire to a suitable ground point.
3. Connect the camera's video RCA cable to the "CAMIN" input on the stereo unit.
4. Connect the reverse trigger wire (usually labeled "Reverse" or "Back") from the stereo to the vehicle's reverse light signal.



Image: Diagram showing the connection points for the backup camera to the car stereo and the vehicle's electrical system.

4. Operating Instructions

4.1. High Sensitive Touch Screen

The 6.9-inch HD touchscreen features a 1280 x 480 resolution and a responsive smart chip for smooth operation. Navigate through menus and control functions directly on the screen.



Image: Illustration highlighting the high-definition and responsive nature of the touchscreen display.

4.2. Wireless CarPlay & Android Auto

Connect your smartphone wirelessly via Bluetooth to access Apple CarPlay or Android Auto. This allows for voice-assisted control of navigation, music, calls, and messages directly from the stereo's display.

- Ensure Bluetooth is enabled on your smartphone and the car stereo.
- Pair your phone with the stereo via Bluetooth.
- Once paired, the system will prompt you to activate CarPlay or Android Auto.



Image: Display showing the integration of Wireless CarPlay and Android Auto, with icons for phone calls, navigation, voice control, messages, and music.



Image: Visual representation of wireless and wired connection options for Apple CarPlay and Android Auto.

4.3. Bluetooth Connectivity

The independent Bluetooth module allows for wireless audio streaming and hands-free calling. The built-in microphone ensures clear call quality.

- Go to the Bluetooth settings on the stereo.
- Enable Bluetooth on your phone and search for available devices.
- Select "Roinvou" (or similar device name) from the list and pair.
- Once connected, you can make/receive calls and stream music.



Image: Screen display showing the Bluetooth pairing interface and highlighting the independent Bluetooth module for enhanced connectivity.

4.4. FM/RDS Radio

Enjoy high-quality FM/RDS radio with stable reception, even in remote areas. The RDS function provides additional information like station name and song title.

- Select the "Radio" application from the main menu.
- Use the touch controls to scan for stations or manually tune to a frequency.
- Save your favorite stations to presets for quick access.



Image: The FM radio interface showing frequency tuning and station presets.

4.5. Mirror Link / Phonelink

Most Android phones and iPhones support screen mirroring, allowing you to display your phone's screen on the stereo. This is particularly useful for navigation apps.

- Connect your phone to the stereo using a high-quality USB cable (original phone cable recommended).
- Follow the on-screen prompts on both the stereo and your phone to establish the Mirror Link connection.
- Note: The stereo does not have built-in GPS; it utilizes your phone's GPS via screen mirroring.



Image: The Mirror Link feature in action, displaying a navigation map from a smartphone onto the car stereo screen.

4.6. Steering Wheel Control (SWC)

The included steering wheel controller allows you to manage basic functions of the stereo without taking your hands off the wheel. The unit also supports learning functions for existing steering wheel controls.

- Connect the steering wheel control wires as per the wiring diagram.
- Access the "Steering Wheel Control" settings in the stereo's menu.
- Follow the on-screen instructions to program the buttons on your steering wheel to control the stereo functions (e.g., volume, track skip, mode).



Image: Diagram illustrating the connection and setup process for steering wheel controls, showing how to map buttons to stereo functions.



Image: The included steering wheel remote control, which can be mounted for easy access to stereo functions.

4.7. Fast Charging

The unit is equipped with high-current Type-C and USB outputs, allowing you to fast charge your mobile devices while on the go.

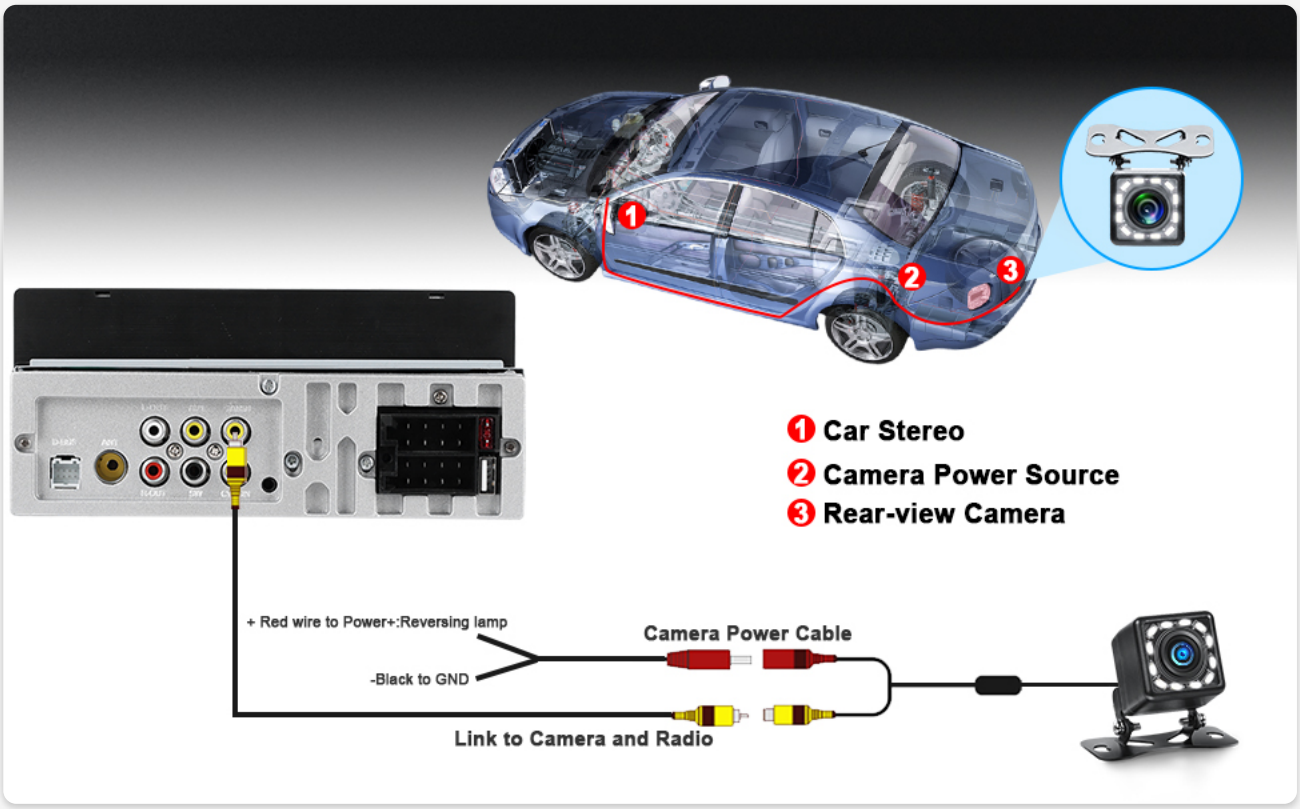


Image: Illustration demonstrating the fast charging capability via the USB and Type-C ports on the stereo unit.

4.8. EQ Settings and Multi-Color Backlight

Customize your audio experience with multiple EQ options. The unit also features a 7-color backlight for buttons, allowing you to match your vehicle's interior lighting.

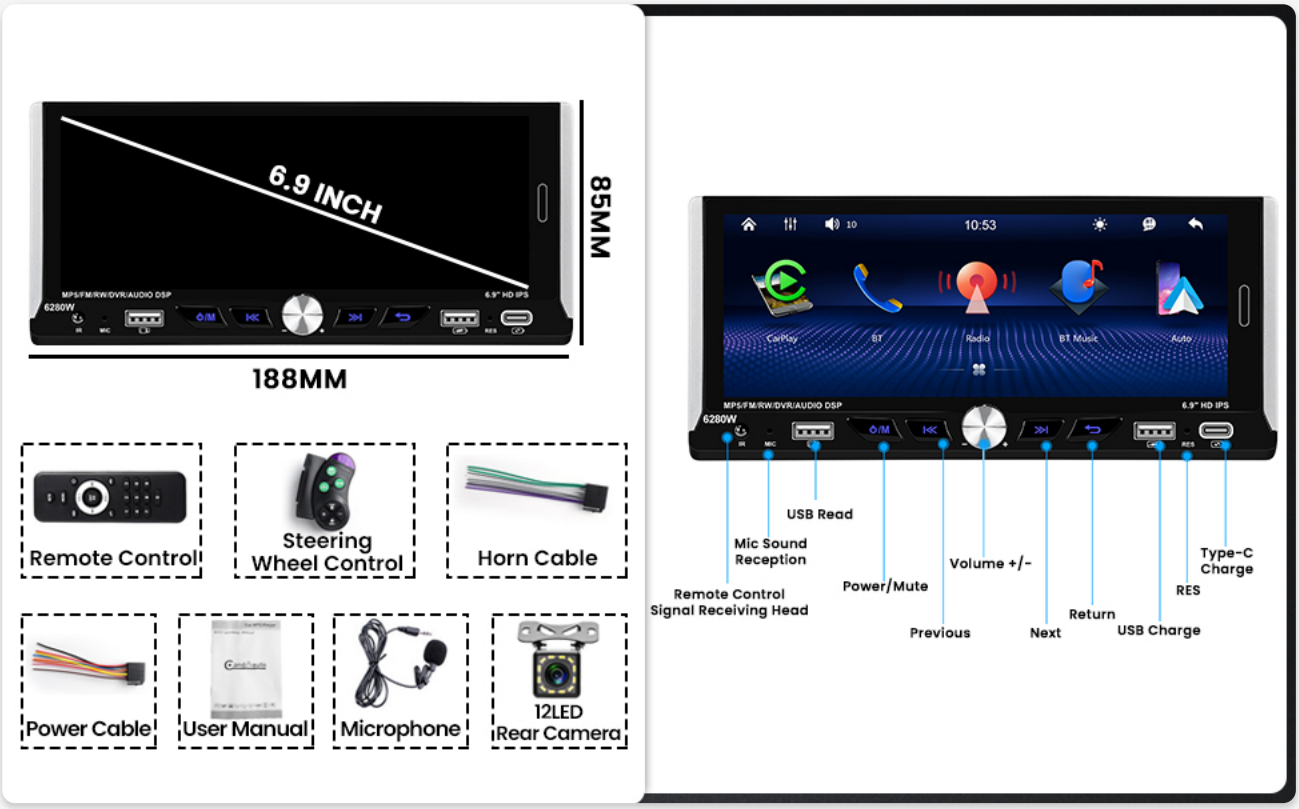


Image: Display showing the equalizer settings interface and the customizable 7-color backlight options for the buttons.

5. Specifications

Feature	Detail
Brand	Roinvou
Model Number	860704d4-4f0f-4156-b048-859db45d897a
Screen Size	6.9 inches
Screen Resolution	1280 x 480 HD
Connectivity Technology	Bluetooth, USB, Type-C
Special Features	Wireless Apple CarPlay, Android Auto, Built-In Bluetooth, Equalizer, FM RDS Tuner, Hands-Free Calling, Multi Color Illumination, Music Streaming, RCA, Rear View Camera Input, Screen Mirroring, Touchscreen, Volume Control, SWC, Remote Control, Fast Charging
Compatible Devices	Smartphone
Audio Output Mode	Stereo
Surround Sound Channel Configuration	4.0
Item Weight	1.96 pounds
Package Dimensions	8.31 x 4.72 x 4.65 inches

6. Troubleshooting

This section provides solutions to common issues you might encounter.

6.1. No Power / Unit Not Turning On

- **Check Power Connections:** Ensure the yellow (constant 12V), red (ignition 12V), and black (ground) wires are securely connected and receiving proper voltage.
- **Check Fuses:** Inspect the fuse on the stereo's wiring harness and your vehicle's fuse box. Replace if blown.
- **Vehicle Battery:** Ensure your vehicle's battery has sufficient charge.

6.2. No Sound

- **Volume Level:** Increase the volume on the stereo.
- **Mute Function:** Check if the stereo is muted.
- **Speaker Connections:** Verify that all speaker wires are correctly connected and not short-circuited.
- **Audio Source:** Ensure the correct audio source (e.g., FM, Bluetooth, CarPlay) is selected.

6.3. Wireless CarPlay/Android Auto Not Connecting

- **Bluetooth Pairing:** Confirm your phone is successfully paired with the stereo via Bluetooth.
- **Phone Settings:** Check your phone's settings to ensure CarPlay/Android Auto is enabled and allowed for the stereo.
- **Restart Devices:** Try restarting both your phone and the car stereo.
- **Software Update:** Ensure your phone's operating system and the stereo's firmware (if applicable) are up to date.

6.4. Backup Camera Not Displaying

- **Camera Power:** Verify the backup camera is receiving power (usually from the reverse light).
- **Video Connection:** Ensure the camera's RCA video cable is securely connected to the "CAMIN" input on the stereo.
- **Reverse Trigger Wire:** Confirm the reverse trigger wire from the stereo is correctly connected to the vehicle's reverse light signal.

7. Maintenance

- **Screen Cleaning:** Use a soft, lint-free cloth to clean the touchscreen. For stubborn smudges, dampen the cloth slightly with water or a screen-safe cleaner. Avoid harsh chemicals.
- **General Cleaning:** Keep the unit free from dust and debris. Use a soft brush or compressed air for vents and buttons.
- **Firmware Updates:** Periodically check the Roinvou official website for any available firmware updates to ensure optimal performance and new features.

8. Warranty and Support

Roinvou products typically come with a manufacturer's warranty. Please refer to the warranty card included in your package for specific terms and conditions, including warranty period and coverage.
For technical support, troubleshooting assistance, or warranty claims, please contact Roinvou customer service:

- **Email:** roinvouservices@163.com
- **Online Support:** Visit the Roinvou Store on Amazon and click "Ask a question" for direct seller support.



Image: Information on how to contact Roinvou customer support, including email and steps to reach out via Amazon.

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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.

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