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Roinvou Roinvou-A3021A3US31-C251

Roinvou 9.5-inch Movable Vertical Touchscreen Car Stereo Radio User Manual

Model: Roinvou-A3021A3US31-C251

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Roinvou 9.5-inch Movable Vertical Touchscreen Car Stereo Radio. Please read this manual thoroughly before using the product to ensure proper function and safety. Keep this manual for future reference.



Image: The Roinovu 9.5-inch Movable Vertical Touchscreen Car Stereo Radio, showcasing its large display and included backup camera.

PACKAGE CONTENTS

Verify that all items are present in the package:

- Single Din Car Stereo Unit
- Power Cable
- Horn Cable
- Backup Camera
- User Manual (this document)
- 2 x Mounting Brackets
- 4 x Screws

Product Size & Accessories



Image: Diagram illustrating the dimensions of the car stereo and a visual representation of all included accessories: power cable, horn cable, mounting brackets, user manual, screws, and rear camera.

SETUP AND INSTALLATION

Professional installation is recommended. Ensure the vehicle's power is disconnected before beginning installation.

1. Mounting the Unit

The Roinvou car stereo features a movable vertical screen. Install the single DIN chassis into your vehicle's dashboard. The screen can then be attached and adjusted for optimal viewing angle (up to 35° rotation).

Movable Touch Screen



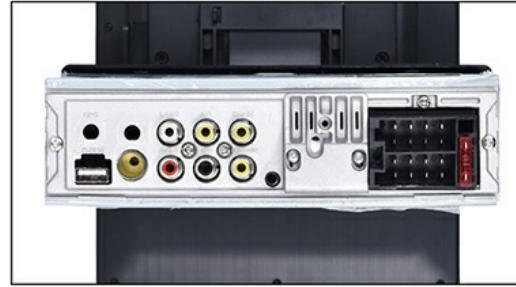
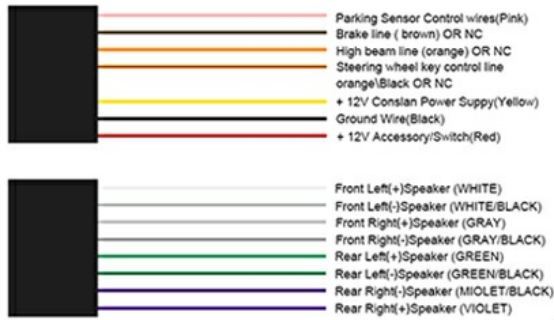
Image: A five-step diagram showing the installation process of the movable touchscreen, including attaching the screen to the single DIN chassis and adjusting its 35-degree rotatable angle.

2. Wiring Connections

Refer to the wiring diagram below for correct connections. Incorrect wiring can damage the unit or vehicle electrical system.

- **Power Cable:** Connect to the vehicle's power supply (constant 12V, accessory 12V, and ground).
- **Horn Cable:** Connect as per vehicle specifications.
- **Speaker Wires:** Connect to the corresponding vehicle speakers (Front Left, Front Right, Rear Left, Rear Right).
- **Backup Camera:** Connect the video input and power supply for the included backup camera.
- **Steering Wheel Control (SWC):** Connect to the vehicle's SWC wires if applicable.
- **USB/AUX/TF Card:** Ports are available for external media.

Product Interface



17 REARVIEW IN	21 SUB OUTPUT	19 18 17	
18 VIDEO OUTPUT	22 AUX VIDEO INPUT	15 16 17 18	
19 RCA L	23 FM THE ANTENNA	19 10 11 12	
20 RCA R	24 MIC INPUT	13 14 15 16	
1 Rear Right (+) Speaker (VIOLET)	5 Rear Right (-) Speaker (VIOLET/BLACK)	9 Parking Sensor Control wires (Pink)	13 brake line (brown) OR NC
2 Front Right (+) Speaker (GRAY)	6 Front Right (-) Speaker (GRAY/BLACK)	10 Steering wheel key control line (orange/Black OR NC)	14 +12V Constant Power Supply (Yellow)
3 Front Left (+) Speaker (WHITE)	7 Front Left (-) Speaker (WHITE/BLACK)	11 Power Antenna/Amplifier Turn On (Blue) OR NC	15 high beam line (orange) OR NC
4 Rear Left (+) Speaker (GREEN)	8 Rear Left (-) Speaker (GREEN/BLACK)	12 +12V Accessory/Switch (Red)	16 Ground Wire (Black)

Image: A detailed wiring diagram showing the various input and output connections on the rear of the car stereo, including power, speaker, video, and auxiliary ports.

3. Initial Power-On

After all connections are secure, reconnect the vehicle's power. The unit should power on automatically or by pressing the power button on the front panel.

OPERATING INSTRUCTIONS

1. Basic Operation

- **Power On/Off:** Press and hold the power button.
- **Volume Control:** Use the on-screen controls or steering wheel controls.
- **Screen Rotation:** Adjust the screen angle manually for optimal viewing.

2. Apple CarPlay & Android Auto (Wired)

Connect your iPhone or Android smartphone via a USB cable to access CarPlay or Android Auto features. This allows for navigation, calls, messages, and music playback directly from the stereo's screen.



Image: The car stereo display showing the Apple CarPlay interface with various app icons and voice command examples like 'Hey Siri, Call Mom'.



Image: The car stereo display showing the Android Auto interface with navigation, music, and communication options, along with voice command examples like 'Message Jamie'.

3. Phone Mirror Link

Synchronize your smartphone screen (Android/iOS) to the 9.5-inch vertical touchscreen via a USB data cable. Note: Huawei and Samsung phones may not be supported.

Mirror Link for Android/iOS

Support iOS/Android phone to connect car player via USB cable. (Huawei and Samsung phones are not supported.)



Image: A visual representation of the Mirror Link feature, showing a smartphone screen mirrored onto the car stereo display, displaying a car driving on a road.

4. Bluetooth Connectivity

The unit features built-in Bluetooth 4.0 for hands-free calling and music streaming.

- **Pairing:** Enable Bluetooth on your phone and search for the car stereo. Select the device and confirm pairing.
- **Hands-free Calling:** Make and receive calls directly from the stereo. Synchronize phonebook contacts.
- **Bluetooth Music:** Stream audio from your paired device.

Bluetooth & FM Radio

Built-in Bluetooth function, support hands-free calling, synchronize call logs from phonebook, Bluetooth music playback. FM radio can preset 18 common stations, has high quality stereo sound to listen to weather forecasts, implement traffic information, news, etc.



Image: The car stereo display showing both the Bluetooth calling interface with a dial pad and the FM radio interface tuned to 87.50 MHz, indicating music playback.

5. FM Radio

Access FM radio stations with high-quality stereo sound.

- **Tuning:** Use the on-screen controls to scan for stations.
- **Presets:** Save up to 18 common stations for quick access.

6. Rear View Camera

The included backup camera provides a clear view when reversing. It features waterproof and night vision capabilities.

- When the vehicle is shifted into reverse gear, the car stereo automatically displays the rear view image.

Rear View Camera

Included backup camera that comes with waterproof and night vision function, when you pull the reverse gear, the movable touch screen car stereo will show rear view image automatically.



HD Image



Night Vision



Waterproof



Daytime



Image: The car stereo display showing a rear view camera feed with parking guidelines in a parking garage, alongside an image of the backup camera unit.

7. Steering Wheel Control (SWC)

The unit supports steering wheel control functions, allowing you to manage songs, channels, and volume without taking your hands off the wheel. Configuration may be required in the settings menu.



Image: The car stereo display showing a dash cam view, with smaller inset images depicting day and night recording scenarios, and an optional external DVR camera.

MAINTENANCE

- **Screen Cleaning:** Use a soft, lint-free cloth to clean the touchscreen. Avoid abrasive cleaners or solvents.
- **General Cleaning:** Keep the unit free from dust and debris. Use a dry cloth for exterior surfaces.
- **Software Updates:** Check the manufacturer's website for any available software updates to ensure optimal performance.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Unit does not power on.	Incorrect wiring; Blown fuse; No power supply.	Check power cable connections (constant 12V, accessory 12V, ground). Verify vehicle fuse and unit fuse. Ensure vehicle battery is charged.
No sound from speakers.	Incorrect speaker wiring; Volume too low; Mute function active.	Check all speaker connections. Increase volume. Disable mute. Ensure correct audio output mode is selected.
Bluetooth not connecting.	Bluetooth not enabled on phone/unit; Incorrect pairing process.	Ensure Bluetooth is active on both devices. Delete previous pairings and re-attempt pairing. Ensure devices are within range.
CarPlay/Android Auto not starting.	Faulty USB cable; Phone not compatible; USB port issue.	Use a high-quality, original USB data cable. Ensure your phone's operating system is up to date. Try a different USB port if available.
Rear view camera not displaying.	Incorrect camera wiring; Camera malfunction.	Check camera power and video input connections. Ensure the vehicle is in reverse gear.
Touchscreen unresponsive.	Software glitch; Screen damage.	Restart the unit by turning off the vehicle and removing the key for a few minutes. If the issue persists, contact customer support.

SPECIFICATIONS

- **Product Dimensions:** 6.5 x 7.4 x 9.65 inches
- **Item Weight:** 2.92 pounds
- **Model Number:** Roinvou-A3021A3US31-C251
- **Connectivity Technology:** Bluetooth, USB
- **Controller Type:** Android (for Android Auto functionality)
- **Special Features:** Built-In Bluetooth, Touchscreen, Waterproof (Backup Camera)
- **Compatible Devices:** Android, iPhone
- **Connector Type:** USB 2.0
- **Audio Output Mode:** Stereo
- **Surround Sound Channel Configuration:** 2.1
- **Video Encoding Support:** RM, RMVB, DVD, VOB, VCD, DAT, MP1, MP2, MP4, H263, H264, FLV, 3GP, SWF, AVI, ASF, MIPEG
- **Visible Screen Diagonal:** 9.5 inches / 23 cm

WARRANTY AND RETURNS

This product is subject to a 30-day refund/replacement policy from the date of purchase. For specific warranty details beyond this period, please refer to the terms provided at the time of purchase or contact Roinvou customer support.

CUSTOMER SUPPORT

For any operational issues or technical assistance, Roinvou provides professional customer service. All inquiries will be responded to within 24 hours.

- **Contact Method:** If purchased through Amazon, you can contact Roinvou directly via the Amazon platform.
- **Email:** roinvouservices@163.com



Image: A graphic detailing customer support steps, including clicking the Roinvou Store on Amazon and an email address for direct contact.

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

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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

Open the live page

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