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› Roinvou Android 13 Car Stereo User Manual for Jeep Compass Patriot (2010-2016) - Model RM

Roinvou RM

Roinvou Android 13 Car Stereo User Manual

Model RM for Jeep Compass Patriot (2010-2016)

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Roinvou Android 13 Car Stereo, Model RM. This system is designed to enhance your driving experience with advanced features such as wireless CarPlay, Android Auto, GPS navigation, and multimedia capabilities. Please read this manual thoroughly before installation and use to ensure proper function and safety.

2. COMPATIBILITY

This Roinvou car stereo system is specifically designed for:

- Jeep Compass (2010-2016)
- Jeep Patriot (2010-2016)

It supports most original vehicle features, including the power amplifier and steering wheel controls (requires CANBUS matching in settings). Verify that the power cable port matches your original car's before installation.

3. INCLUDED COMPONENTS

The package contains the following items:

- Roinvou Car Stereo Head Unit for Jeep Compass Patriot
- Power Cable
- CANBUS Box
- Radio Antenna Adapter Cable
- RCA Cable
- GPS Antenna
- AHD Backup Camera
- External Microphone
- Rear Camera Input Cable
- Dual USB Cable

- Installation Tool



Image: Roinvou Android 13 Car Stereo head unit with all included accessories, such as wiring harnesses, GPS antenna, backup camera, and microphone.

4. SETUP AND INSTALLATION

Installation of the Roinvou car stereo involves replacing the original head unit and connecting the provided wiring harnesses. Professional installation is recommended. Ensure the vehicle's power is disconnected before beginning installation.

4.1 General Installation Steps

1. **Remove Original Head Unit:** Carefully remove the existing car stereo and trim panel from your vehicle's dashboard.
2. **Connect Wiring Harnesses:** Connect the provided power cable, CANBUS box, and other necessary harnesses to the new head unit and the vehicle's wiring. Ensure all connections are secure.
3. **Install Antennas:** Connect the GPS antenna and radio antenna adapter. Position the GPS antenna in a location with a clear view of the sky.

4. **Backup Camera Installation (Optional):** If installing the backup camera, route the camera cable to the rear of the vehicle and connect it to the head unit's rear camera input. Connect the camera's power to the vehicle's reverse light circuit.
5. **External Microphone:** Connect the external microphone and route it to a suitable location for clear voice pickup.
6. **Test Functionality:** Before fully reassembling the dashboard, temporarily connect the vehicle's power and test all functions of the new stereo, including audio, touch screen, steering wheel controls, GPS, and camera.
7. **Secure Head Unit:** Once tested, secure the new head unit and reassemble the dashboard trim.

Compatible With Jeep Compass Patriot | 2010-2016



2G+32G



1024*600



4*45W



Touch Screen



Quad-Core



Built-in DSP



Before Installation



After Installation



Image: Comparison of a Jeep Compass Patriot dashboard before and after the installation of the Roinvou Android 13 Car Stereo, showing the integrated 10.1-inch display.

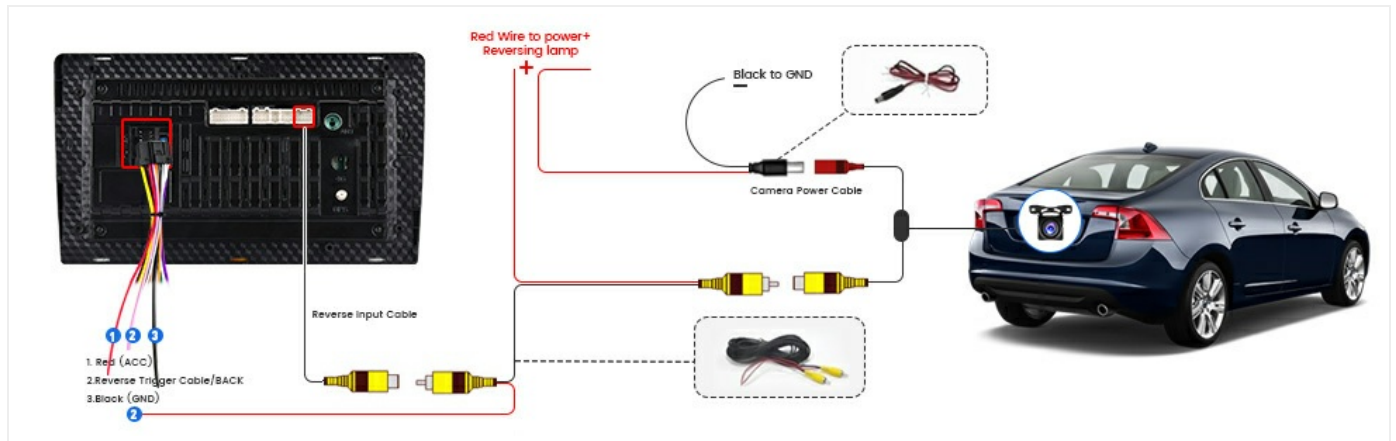


Image: Diagram illustrating the connection of the AHD backup camera to the car stereo and the vehicle's reverse light circuit.

5. OPERATING INSTRUCTIONS

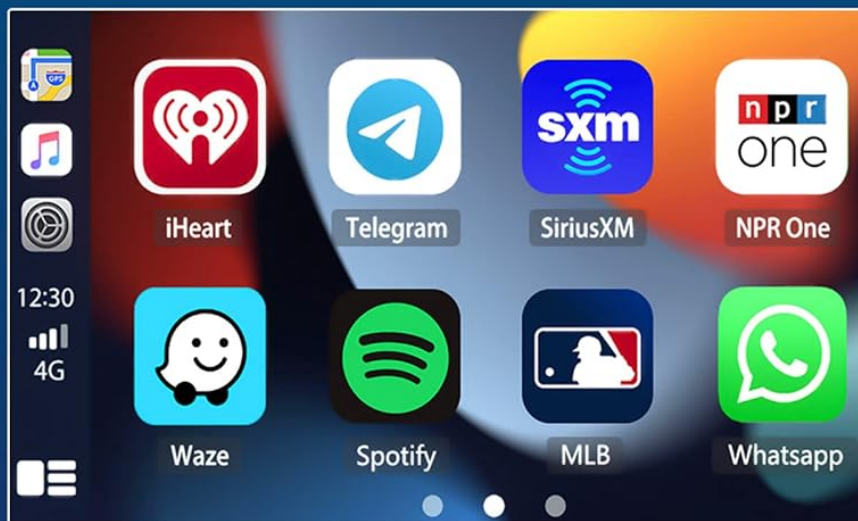
Your Roinvou Android 13 Car Stereo offers a variety of features for an enhanced in-car experience.

5.1 Wireless CarPlay & Android Auto

Connect your iPhone or Android smartphone wirelessly or via USB for seamless integration. Access navigation, music, calls, and messages directly from the stereo's touch screen.

- **Wireless Connection:** Enable Bluetooth on your phone and pair it with the car stereo. Follow on-screen prompts to activate CarPlay or Android Auto.
- **Wired Connection:** Connect your phone using a USB cable to the stereo's USB port.

Carplay/Android Auto/Mirror Link



Open online map.

Navigate to the beach

Play music.



CarPlay

Android Auto



Mirror Link



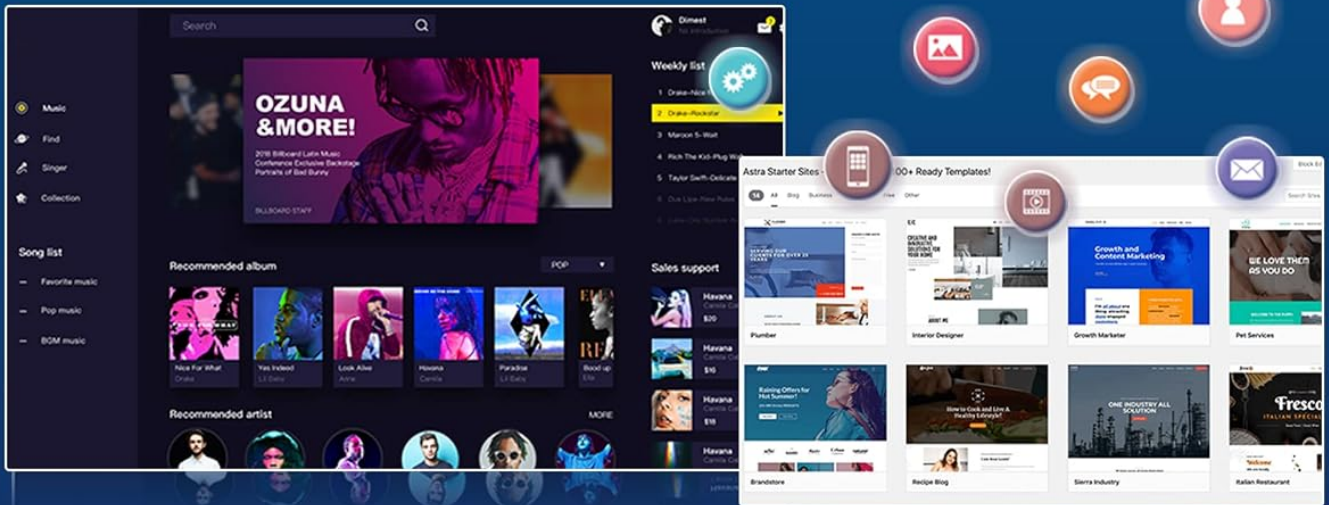
Image: Display showing the user interfaces for Wireless CarPlay, Android Auto, and Mirror Link functionalities.

5.2 GPS Navigation

The stereo includes a built-in GPS module. You can use pre-installed offline maps or download navigation applications like Waze from the Google Play Store when connected to Wi-Fi.

WiFi or Hotspot

Support download and install various apps.



GPS Navigation

Use offline and online maps directly.

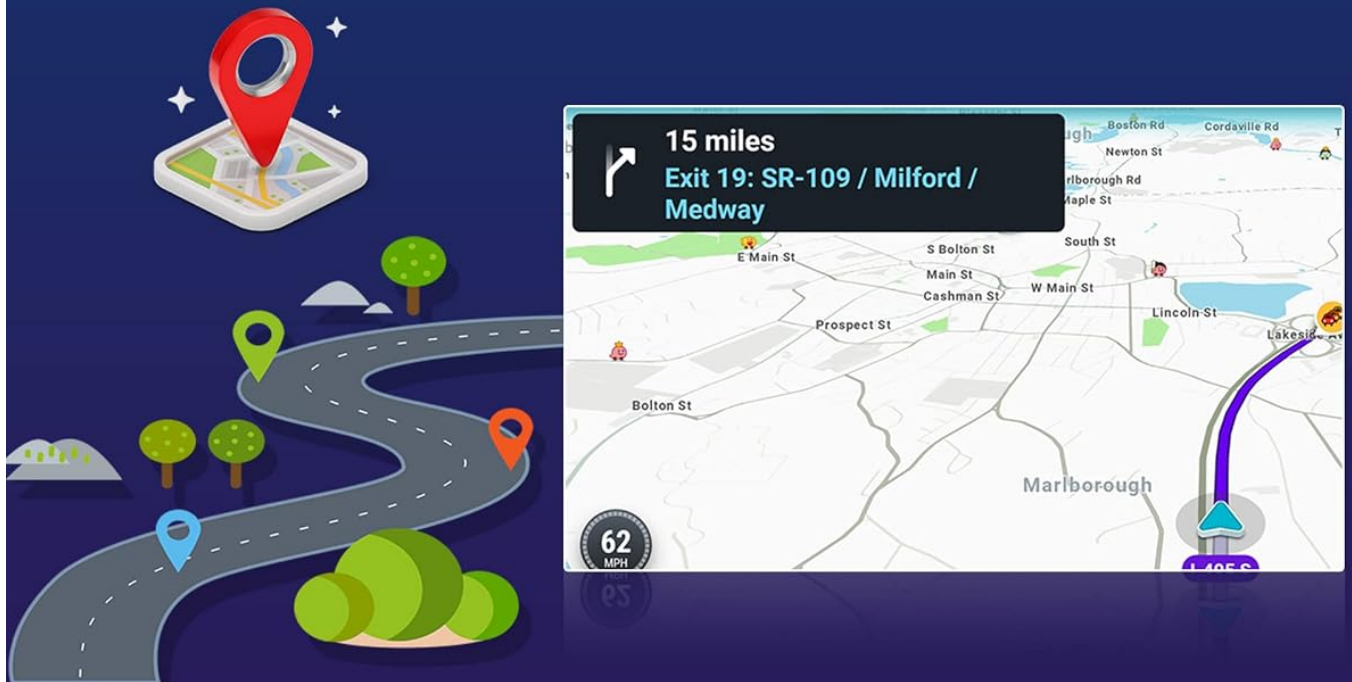


Image: Screenshots demonstrating GPS navigation with route display and the interface for Wi-Fi/Hotspot connectivity to download applications.

5.3 Wi-Fi and Hotspot

Connect the stereo to a Wi-Fi network or your phone's mobile hotspot to access online features, download apps, and update software.

5.4 Bluetooth Connectivity

Pair your phone via Bluetooth for hands-free calling, audio streaming, and automatic phone book synchronization.

- **Pairing:** Go to Bluetooth settings on the stereo and your phone, search for available devices, and select the stereo to pair.
- **Hands-Free Calling:** Make and receive calls directly from the stereo interface.
- **Music Playback:** Stream audio from your phone to the car stereo.

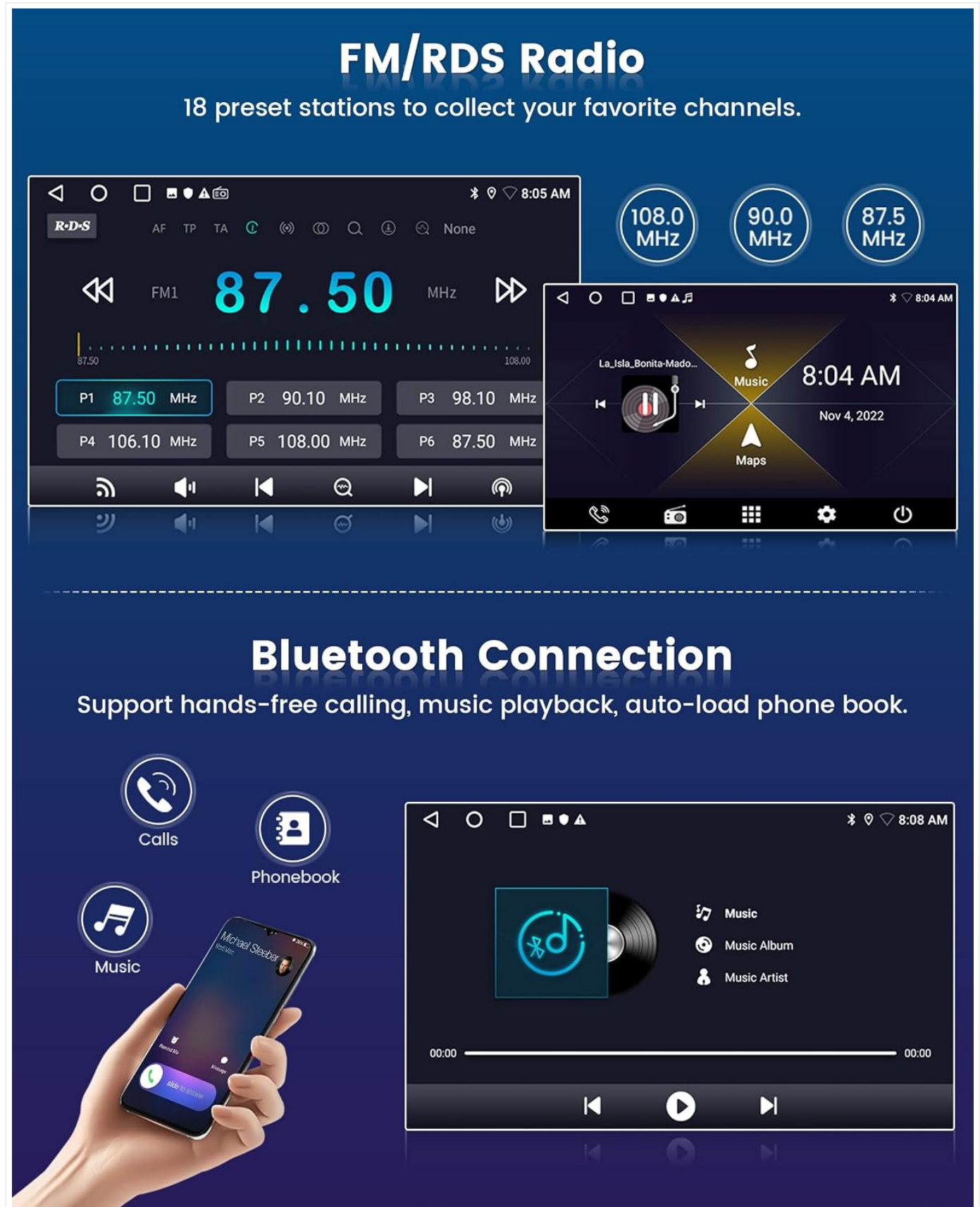


Image: Screenshots of the FM/RDS radio interface showing station presets and the Bluetooth music playback screen with phone book and call options.

5.5 FM/RDS Radio

Tune into your favorite radio stations. The RDS (Radio Data System) feature displays station information where available. You can save up to 18 preset stations.

5.6 Mirror Link

Mirror your smartphone screen onto the car stereo display. Connect via Wi-Fi hotspot or USB cable.

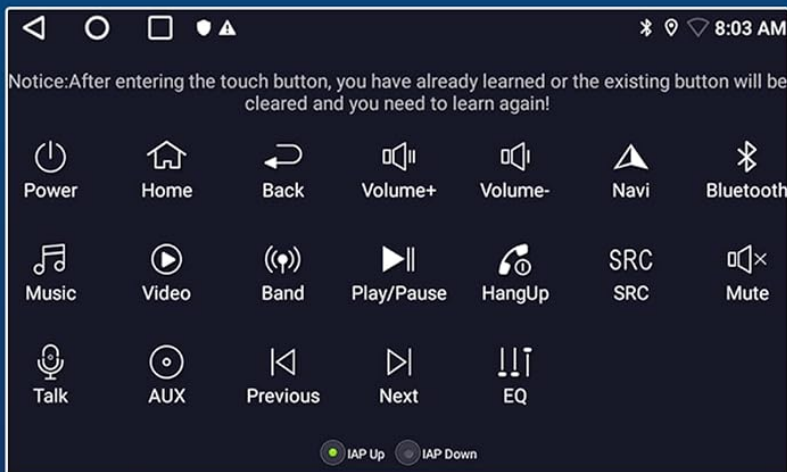
- **Android:** Supports bidirectional control (control phone from stereo and vice-versa).
- **iPhone:** Supports unidirectional control (view phone screen on stereo).

5.7 Steering Wheel Controls (SWC)

The system supports your vehicle's original steering wheel controls. After installation, navigate to the settings menu to match the CANBUS decoder and configure the buttons.

Steering Wheel Controls

Feel free to switch the functions you need.



AHD Reverse Input

Automatically switch the reverse image when in reverse gear.

1. HD Image
2. Waterproof
3. Night Vision
4. Wide Angle



Image: Interface for programming steering wheel controls and a demonstration of the AHD reverse camera display with parking guidelines.

5.8 AHD Reverse Input (Backup Camera)

When the vehicle is shifted into reverse gear, the stereo automatically displays the feed from the connected AHD backup camera, providing a clear view with parking guidelines.

5.9 Digital Sound Processor (DSP)

Utilize the built-in DSP to fine-tune audio settings, including equalization, balance, and surround sound modes, for an

optimized listening experience.



Image: Screenshots showing the Digital Sound Processor (DSP) interface, split-screen functionality, and various customizable user interface themes.

5.10 Split Screen Functionality

Operate two applications simultaneously on the screen, such as navigation and music playback, for enhanced multitasking.

5.11 Customizable UI Themes

Choose from 26 different desktop themes to personalize the look and feel of your stereo's interface.

6. MAINTENANCE

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

- **Screen Cleaning:** Use a soft, lint-free cloth to gently wipe the touch screen. Avoid abrasive cleaners or harsh chemicals that could damage the display.
- **Software Updates:** Periodically check for and install software updates to ensure the system has the latest features and security patches.
- **Avoid Extreme Temperatures:** Do not expose the unit to extreme heat or cold for extended periods, as this can affect electronic components.
- **Cable Connections:** Ensure all cables are securely connected and free from damage. Loose connections can lead to intermittent issues.

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.
 - Verify the vehicle's fuse for the stereo is intact.
 - Ensure the CANBUS box is correctly connected and functioning.
- **No Sound:**
 - Check speaker wire connections.
 - Ensure volume is not muted or set to minimum.
 - Verify amplifier connections if applicable.
- **GPS Not Working / Inaccurate:**
 - Ensure the GPS antenna is properly connected and has a clear view of the sky (not obstructed by metal or tinted windows).
 - Check GPS settings within the stereo to ensure it's enabled.
 - If using online maps, verify Wi-Fi/hotspot connection.
- **Steering Wheel Controls Not Responding:**
 - Go to the stereo's settings and ensure the CANBUS decoder is correctly matched and configured for your vehicle.
 - Perform the steering wheel control learning function if available.
- **CarPlay/Android Auto Connection Issues:**
 - For wireless connection, ensure Bluetooth and Wi-Fi are enabled on your phone and the stereo.
 - For wired connection, try a different USB cable (preferably the original phone cable).
 - Restart both your phone and the car stereo.
- **Poor Radio Reception:**

- Ensure the radio antenna adapter cable is securely connected.
- Disconnect any unused harnesses that might interfere with reception.

If these steps do not resolve the issue, please contact Roinvou customer support.

8. SPECIFICATIONS

Feature	Detail
Model Name	RM
Operating System	Android 13
Memory (RAM)	2GB
Storage (ROM)	32GB
Screen Size	10.1 Inches
Screen Resolution	1024 x 600
Connectivity	Bluetooth, USB, Wi-Fi
Special Features	CarPlay, Android Auto, Touchscreen, FM RDS Radio, Mirror Link, GPS Navigation, DSP, SWC, 26 Desktop Themes
Vehicle Service Type	Car (Jeep Compass/Patriot 2010-2016)
Product Dimensions	10.43 x 5.91 x 13.19 inches
Item Weight	4.09 pounds

9. WARRANTY AND SUPPORT

Roinvou provides customer support for its products. For any questions, technical assistance, or warranty claims, please contact us through the following channels:

- **Email Support:** roinvouservices@163.com
- **Amazon Store:** Visit the official Roinvou store on Amazon and use the "Ask a question" feature for direct support.

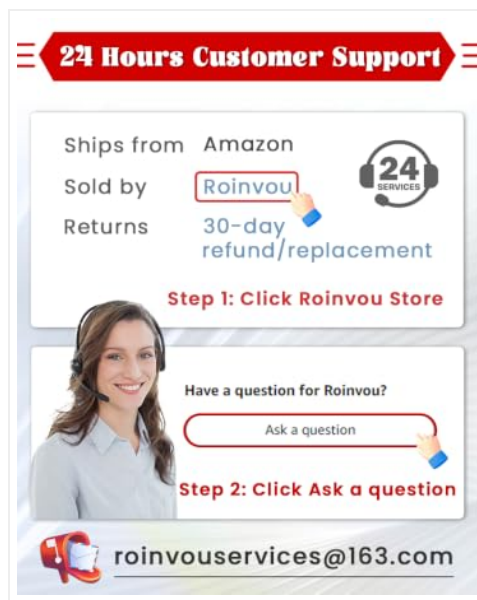


Image: Roinvou customer support contact details, including email address and instructions to access support via the Amazon store.

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Anonymous

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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

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