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› Roinvou Android Car Stereo User Manual for Nissan Rogue X-Trail Qashqai 2014-2018 (Model 4+64G)

Roinvou 4+64G

Roinvou Android Car Stereo User Manual

For Nissan Rogue, X-Trail, Qashqai (2014-2018)

Model: 4+64G

1. Introduction

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Roinvou Android Car Stereo. This device is specifically designed for Nissan Rogue, X-Trail, and Qashqai models manufactured between 2014 and 2018. It integrates advanced features such as Wireless CarPlay, Android Auto, GPS navigation, Bluetooth 5.0, and Wi-Fi connectivity to enhance your driving experience.

Please read this manual thoroughly before installation and use to ensure proper function and to prevent damage to the unit or your vehicle.

2. Safety Information

Observe the following safety precautions to prevent injury or damage:

- **Professional Installation Recommended:** Installation of car electronics can be complex. If you are unsure about any step, seek assistance from a qualified professional.
- **Power Disconnection:** Always disconnect the vehicle's battery negative terminal before beginning installation to avoid electrical shorts.
- **Wiring:** Ensure all wiring is correctly connected according to the provided diagrams. Incorrect wiring can cause damage to the unit or vehicle electrical system.
- **Driving Safety:** Do not operate the unit in a way that distracts you from driving. Always prioritize road safety.
- **Temperature:** Avoid exposing the unit to extreme temperatures or direct sunlight for prolonged periods.

3. Package Contents

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

- Roinvou Android Car Stereo (10.1 Inch Head Unit)
- Power Cable
- Original USB Cable

- Canbus Box
- RCA Harness
- GPS Antenna
- AHD Backup Camera
- External Microphone
- Rear Camera Input Cable
- Dual USB Cable
- Installation Tool Set



Image: Overview of included components in the Roinvou Android Car Stereo package.

4. Compatibility

This Roinvou Android Car Stereo is compatible with Nissan Rogue, X-Trail, and Qashqai models from 2014 to 2018. It is designed for vehicles with a **Low Configuration** central control panel (Option A).

Important Compatibility Notes:

- This unit is **not compatible** with original cars equipped with factory navigation systems.
- This unit is **not compatible** with original cars that have an 8-inch screen.
- This unit is **not compatible** with original cars that have a 360-degree camera system.
- The back of the original CD player must match the 'Low Configuration' type.

PLEASE NOTE



Before purchasing, please select the product based on your original car's central control panel. This product only supports Option A. If you require Option B, please contact our customer service for suitable recommendations.

A: Low Configuration



B: High Configuration



Note: The back of this CD is not supported

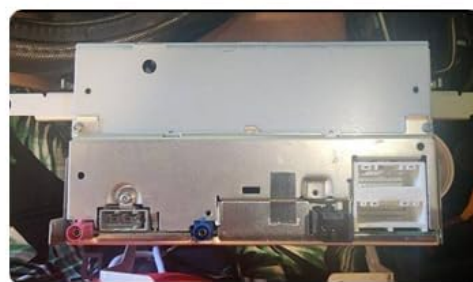


Image: Visual guide for identifying compatible (Low Configuration) and incompatible (High Configuration) vehicle dashboards.

5. Installation Guide

The installation process involves removing the factory radio and installing the new Roinvou Android Car Stereo. Ensure all power is disconnected from the vehicle before proceeding.

5.1 GENERAL INSTALLATION STEPS

1. Carefully remove the trim panels surrounding your factory radio.
2. Unscrew and remove the factory radio unit.
3. Disconnect all wiring harnesses from the factory radio.
4. Connect the provided wiring harness to your vehicle's factory harness.
5. Connect the other end of the provided harness to the Roinvou Android Car Stereo.
6. Install the GPS antenna in a location with a clear view of the sky.
7. Route the external microphone to a suitable position (e.g., near the rearview mirror).

8. Mount the new head unit into the dashboard opening.
9. Reinstall the trim panels.

5.2 WIRING SPECIFICS

Pay close attention to the following wiring connections:

- **CANBUS Decoder:** If your vehicle uses a CANBUS system for features like steering wheel controls, ensure the CANBUS box is correctly connected to the wiring harness.
- **Reverse Camera Wiring:** The reverse input cable must be plugged into the head unit even if a reverse camera is not being used. Failure to do so may affect Bluetooth and Wi-Fi signal reception.
- **Power Off Issue:** If the radio does not power off when the ignition is turned off, please contact customer support for a potential upgrade package or specific wiring guidance.

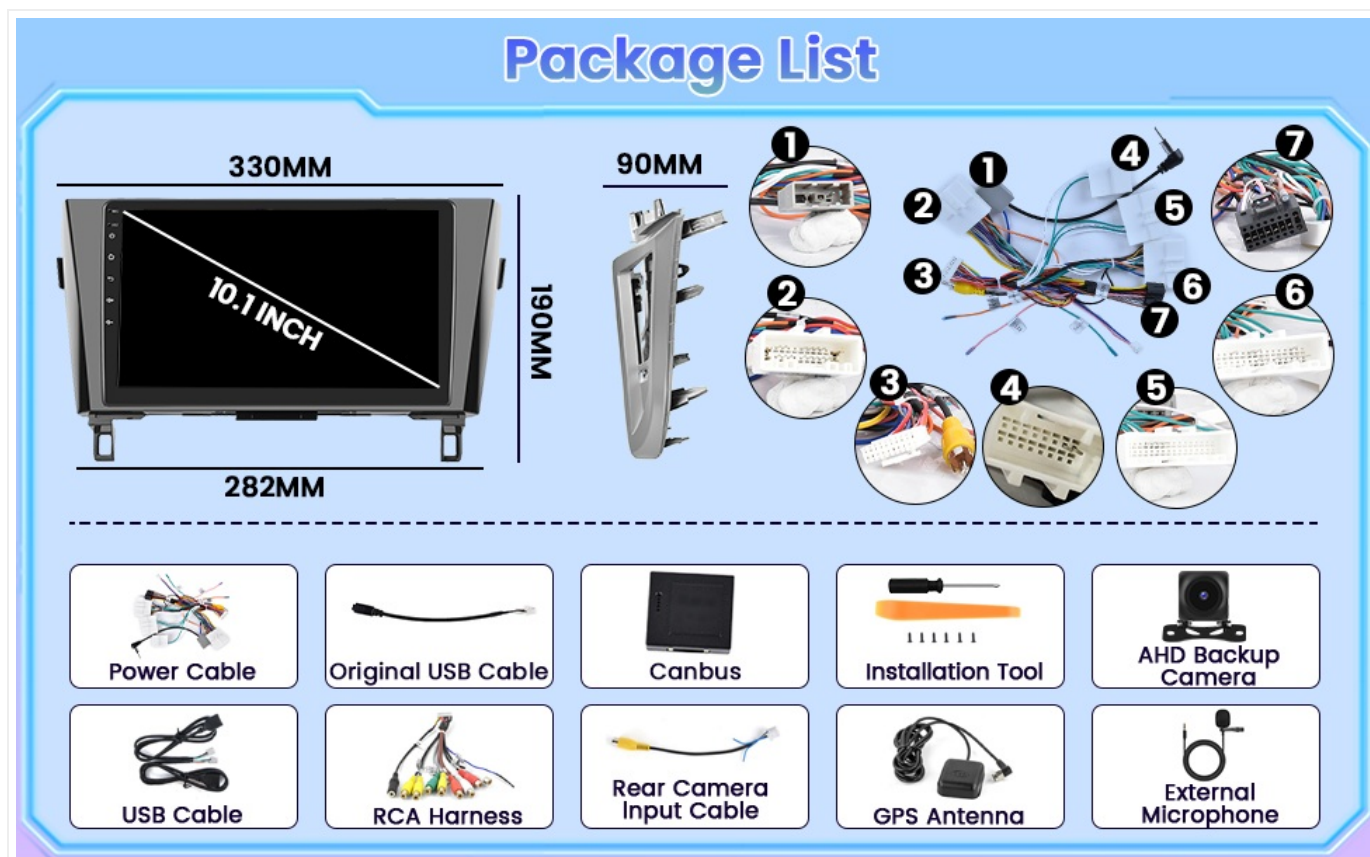


Image: Detailed wiring diagram for the reversing camera and CANBUS connections.

Compatible with Nissan Rogue X-Trail Qashqai 2014-2018



After Installation



Before Installation



Carplay



Android Auto



Mirror Link



GPS Navigation



Bluetooth



WIFI



Reverse Input



FM RDS Radio



DSP Sound



SWC



If you have any questions, please contact us via
roinvouservices@163.com

Image: Visual representation of the dashboard appearance before and after the stereo installation.

6. Operating Instructions

6.1 BASIC OPERATION

- **Power On/Off:** The unit typically powers on with the vehicle's ignition. To manually power off or restart, use the designated power button on the unit.
- **Touch Screen:** The 10.1-inch IPS capacitive touch screen responds to finger gestures for navigation and control.

6.2 CONNECTIVITY

6.2.1 Bluetooth 5.0

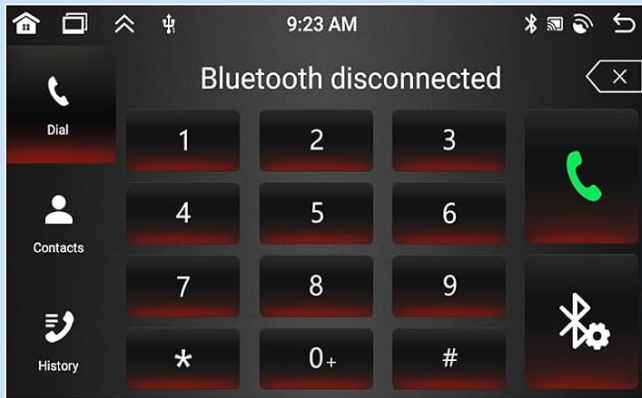
Connect your smartphone via Bluetooth for hands-free calling, music streaming, and contact synchronization.

- Go to the Bluetooth settings on the head unit.

- Enable Bluetooth on your smartphone and search for available devices.
- Select the head unit from the list and pair.
- The built-in and external microphones facilitate clear communication during calls.

Hands-free Bluetooth

Built-in and external microphones (including microphone), support for hands-free calling, music playback, voice functions, synchronization of contacts and more.



FM/RDS Radio

High-quality FM/RDS radio with 18 preset stations provides channel broadcasting, weather forecast, real-time road conditions.



Image: Bluetooth interface for hands-free calling and music playback.

6.2.2 Wi-Fi / Hotspot

Connect to a Wi-Fi network or your phone's hotspot to access online features.

- Access the Wi-Fi settings on the head unit.
- Select your desired network and enter the password.
- Once connected, you can download applications from the Google Play Store, browse online maps, and stream content.

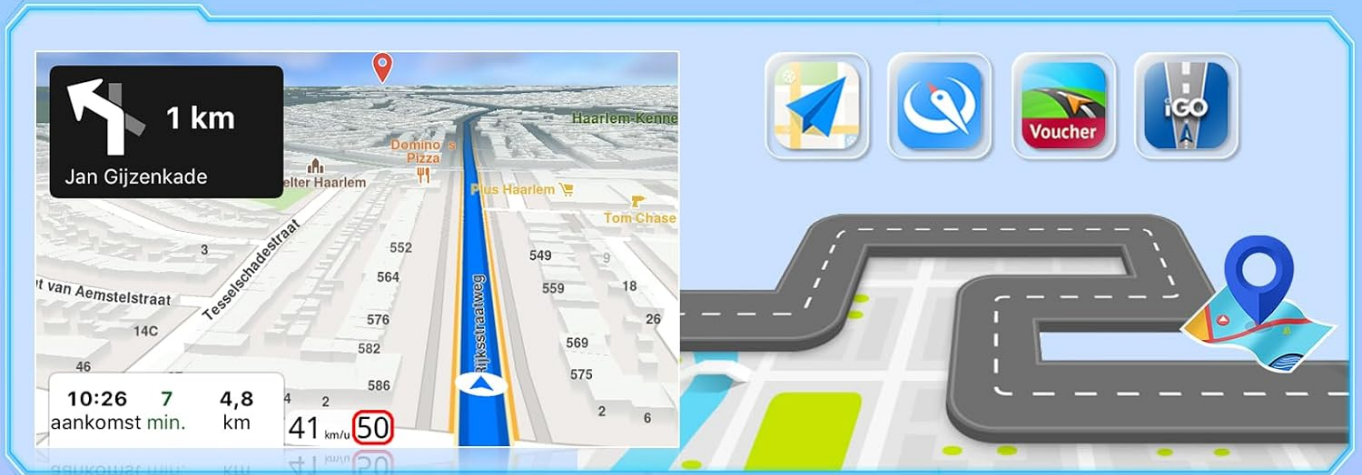
6.2.3 GPS Navigation

The unit features a built-in GPS module for navigation. You can use pre-installed navigation software or download others from the Play Store.

- Offline maps can be used without an internet connection (download required).
- Online maps provide real-time traffic updates and require a Wi-Fi/hotspot connection.

GPS Navigation

Built-in GPS module, you can use offline and online maps directly.
(Tips: You need to download free offline map data.)



WiFi or Hotspot

Support WiFi or Hotspot connection, you can install apps from the Play Store, watch online videos as well as navigate online.

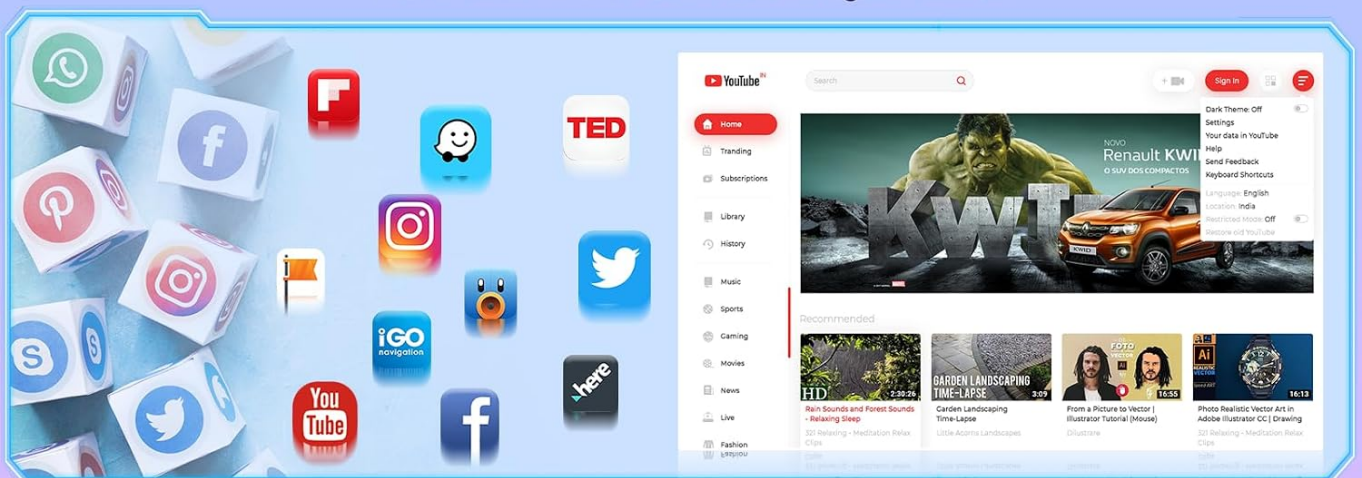


Image: GPS navigation interface and examples of apps available with Wi-Fi connectivity.

6.3 SMART INTEGRATION

6.3.1 Wireless/Wired Apple CarPlay

Connect your iPhone for seamless integration of CarPlay features.

- **Wireless:** Pair your iPhone via Bluetooth, then follow on-screen prompts to activate wireless CarPlay.
- **Wired:** Connect your iPhone using a USB cable to the unit's USB port.
- Access navigation, music, calls, and messages directly from the head unit's screen.

6.3.2 Wireless/Wired Android Auto

Connect your Android phone for Android Auto functionality.

- **Wireless:** Ensure your Android phone supports wireless Android Auto and pair via Bluetooth.
- **Wired:** Connect your Android phone using a USB cable to the unit's USB port.
- Utilize Google Maps, Spotify, and other compatible apps.

6.3.3 Mirror Link

Mirror your smartphone's screen onto the head unit.

- Connect your phone via Wi-Fi hotspot or USB cable.
- Follow the instructions on the head unit to initiate screen mirroring for both iOS and Android devices.

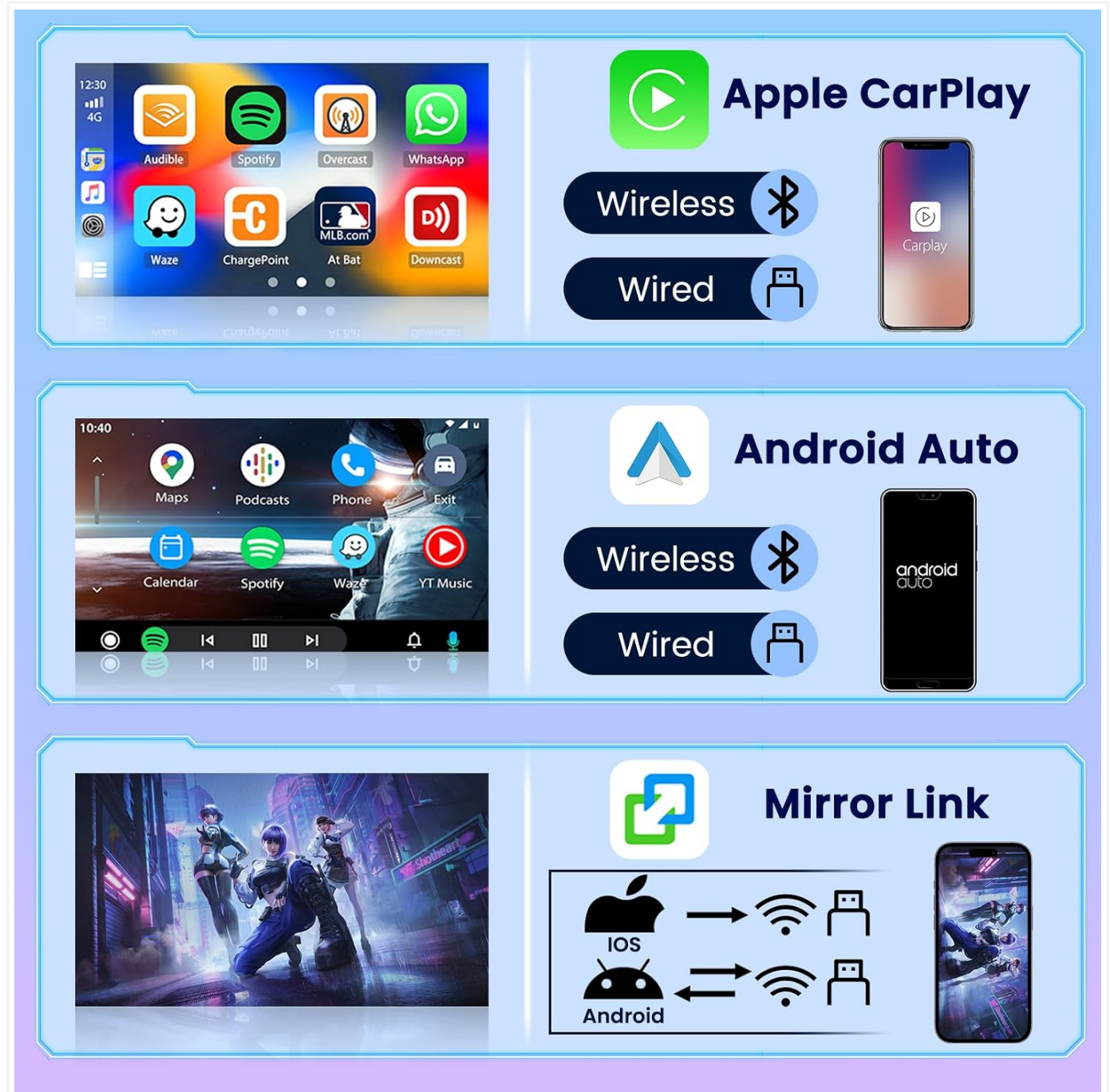


Image: Connectivity options for Apple CarPlay, Android Auto, and Mirror Link.

6.4 AUDIO FEATURES

6.4.1 FM/RDS Radio

The unit includes a high-quality FM/RDS radio with 18 preset stations.

- Perform manual, semi-automatic, or fully automatic channel searches.
- RDS (Radio Data System) provides additional information like station name, program type, and traffic announcements.

Hands-free Bluetooth

Built-in and external microphones (including microphone), support for hands-free calling, music playback, voice functions, synchronization of contacts and more.



FM/RDS Radio

High-quality FM/RDS radio with 18 preset stations provides channel broadcasting, weather forecast, real-time road conditions.



Image: FM/RDS Radio interface with station presets.

6.4.2 32-Band Equalizer (EQ)

Customize your audio experience with the built-in 32-band equalizer.

- Adjust frequency bands to match your audio preferences and vehicle acoustics.

6.5 CUSTOMIZATION

6.5.1 Wallpapers and Themes

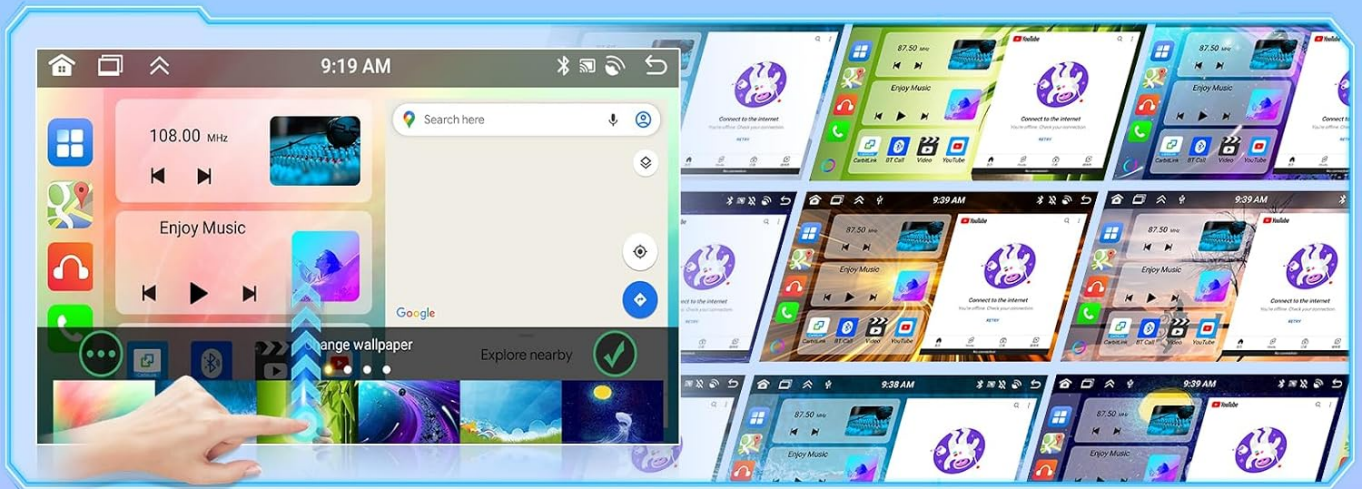
Personalize the user interface with various backgrounds and desktop themes.

- **19 Backgrounds:** Touch the color circle in the lower-left corner of the screen to switch between 19 available backgrounds.

- **59 Desktop Themes:** Long-press the main interface to access and switch between 59 different desktop themes.

19 Wallpaper Options

Touch the color circle in the lower left corner of the screen to switch between 19 backgrounds.



59 Desktop Themes

Long press the main interface to switch 59 desktop themes.



Image: Examples of wallpaper and desktop theme customization options.

6.6 STEERING WHEEL CONTROL (SWC)

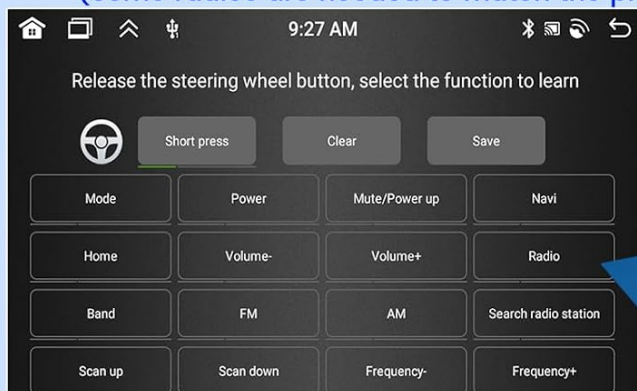
Integrate your vehicle's steering wheel controls for convenient operation of the head unit.

- If your vehicle has a CANBUS decoder, ensure it is connected and configured correctly (Apps > Settings > Factory Settings (1234) > CAN Settings). Select the correct brand, model, and year.
- If your vehicle does not have a CANBUS decoder, connect the steering wheel control wires (Key1/Key2) in the power cable and use the 'SteeringWheelkey' application to manually map the buttons.

Steering Wheel Control

Use the "SteeringWheelKey" to control the radio, making the operation more convenient.

(Some radios are needed to match the protocol/CANBUS box to activate this feature).



AHD Reversing Image

Once you put the car in reverse gear, the radio will automatically display the reversing image.

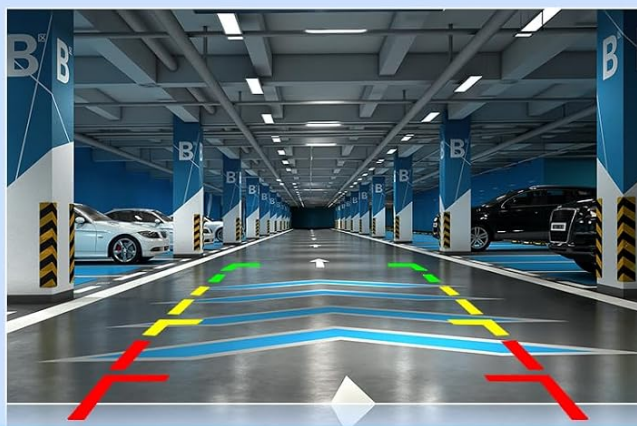


Image: Instructions for setting up steering wheel controls.

6.7 AHD REVERSING IMAGE

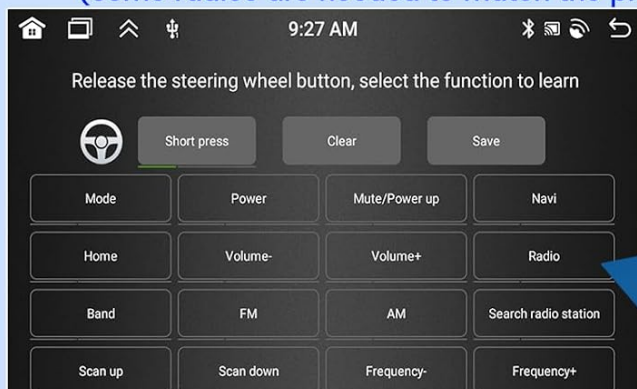
When the vehicle is shifted into reverse gear, the unit will automatically display the view from the connected AHD backup camera.

- Ensure the backup camera is properly installed and connected to the 'Rear Camera Input Cable'.

Steering Wheel Control

Use the "SteeringWheelKey" to control the radio, making the operation more convenient.

(Some radios are needed to match the protocol/CANBUS box to activate this feature).



AHD Reversing Image

Once you put the car in reverse gear, the radio will automatically display the reversing image.

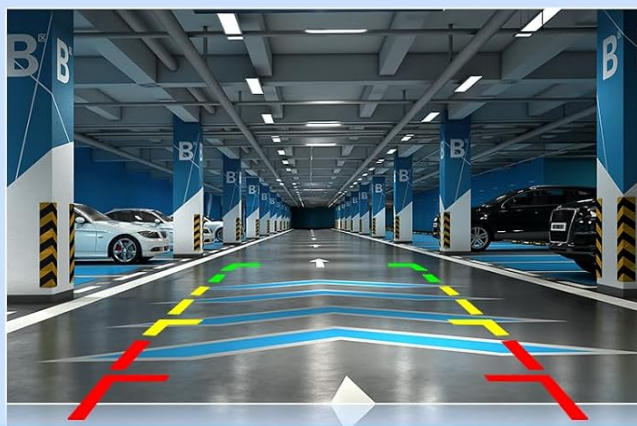


Image: Automatic display of the reversing camera view.

7. Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the screen and unit. Avoid abrasive cleaners or solvents.
- **Software Updates:** Periodically check for software updates to ensure optimal performance and access to new features. Updates can typically be found on the manufacturer's website or through the unit's system settings when connected to Wi-Fi.
- **Environmental Conditions:** Protect the unit from extreme heat, cold, and moisture.

8. Troubleshooting

If you encounter issues, refer to the following common problems and solutions:

Problem	Possible Cause / Solution
Radio does not power off with ignition.	This indicates a wiring issue. Please contact Roinvou customer support for a specific upgrade package or wiring guidance.
Bluetooth or Wi-Fi signal is weak/unstable.	Ensure the 'Rear Camera Input Cable' is connected to the head unit, even if no camera is used. This cable is crucial for antenna reception.
Steering Wheel Controls are not working.	Verify CANBUS decoder connection and configuration (Apps > Settings > Factory Settings (1234) > CAN Settings). If no CANBUS, ensure Key1/Key2 wires are connected and mapped via the 'SteeringWheelkey' app.
CarPlay/Android Auto (or Z-link) is not connecting or is slow.	Ensure your phone's operating system is up to date. Try connecting with a different USB cable. For wireless, ensure Bluetooth and Wi-Fi are enabled and paired correctly. Restart both the head unit and your phone.
Unit is slow or unresponsive.	Close unnecessary background applications. Restart the unit. Ensure sufficient storage space is available.

9. Specifications

Feature	Detail
Operating System	Android 13
Processor	8 Core
RAM	4GB
Internal Storage (ROM)	64GB
Display Size	10.1 Inches
Resolution	1280 x 720
Bluetooth Version	5.0
Equalizer	32-band EQ
Connectivity	Bluetooth, USB, Wi-Fi
Special Features	Wireless/Wired Apple CarPlay, Wireless/Wired Android Auto, Mirror Link, Voice Control, GPS Navigation, FM/RDS Radio, HD Touchscreen, SWC
Item Weight	3.74 pounds
Package Dimensions	13.78 x 7.87 x 3.94 inches

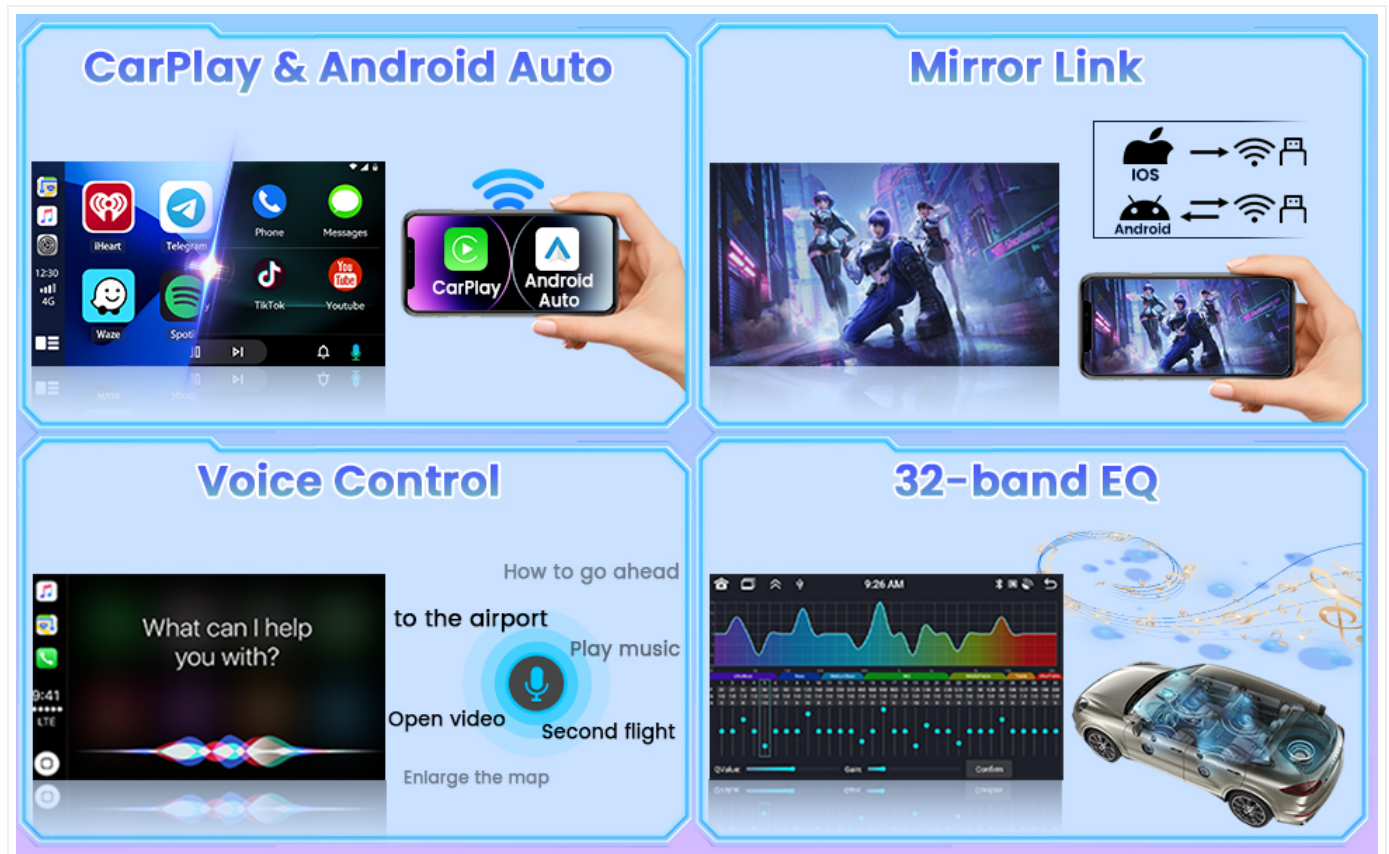


Image: Internal hardware specifications highlighting the 8-core processor and memory configuration.

10. Warranty and Support

10.1 PRODUCT WARRANTY

This Roinvou Android 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.

10.2 CUSTOMER SUPPORT

For any questions, technical assistance, or warranty inquiries, please contact Roinvou customer support:

- **Email:** roinvouservices@163.com

When contacting support, please provide your product model (4+64G) and a detailed description of the issue.

Image: Customer support contact details and process.

11. Official Product Videos

No official product videos from the seller were available for embedding in this manual.

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.

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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

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