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› Roinvou 4+64G Android Carplay Stereo for Hyundai Santa Fe 2013-2017 Instruction Manual

Roinvou B0D92476ZF

Roinvou 4+64G Android Carplay Stereo Instruction Manual

Model: B0D92476ZF for Hyundai Santa Fe 2013-2017

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Roinvou 4+64G Android Carplay Stereo. Please read this manual thoroughly before installation and use to ensure proper function and to maximize your product experience. Keep this manual for future reference.



Figure 1.1: Roinvou 4+64G Android Carplay Stereo and key features.

2. PRODUCT OVERVIEW

2.1 Key Features

- **Android 13 System:** Equipped with a powerful Android 13 operating system and 4-core CPU for smooth performance.
- **Memory:** 4GB RAM and 64GB ROM for efficient operation and application storage.
- **Display:** 9-inch HD capacitive touch screen with 1280*720 resolution for clear visuals.
- **Wireless Connectivity:** Supports Wireless Apple CarPlay and Wireless Android Auto for seamless smartphone integration.
- **Audio:** 32-band EQ for sound customization and built-in FM/RDS radio.
- **Communication:** Bluetooth for hands-free calls, phone book download, and music streaming.
- **Mirror Link:** Compatible with iOS and Android phones to mirror screen content.
- **Navigation:** Built-in GPS navigation with support for offline maps and online maps via WiFi.
- **Internet Access:** WiFi connectivity for downloading apps and online media.

- **Safety Features:** Supports AHD backup camera input with automatic display upon reversing.
- **Control:** Compatible with original car steering wheel controls.

2.2 What's in the Box

The package includes the following components:

- Roinvou Car Stereo Head Unit for Hyundai Santa Fe
- Power Cable
- RCA Harness
- GPS Antenna
- AHD Backup Camera
- External Microphone
- Rear Camera Input Cable
- Dual USB Cable
- Installation Tools & Accessories

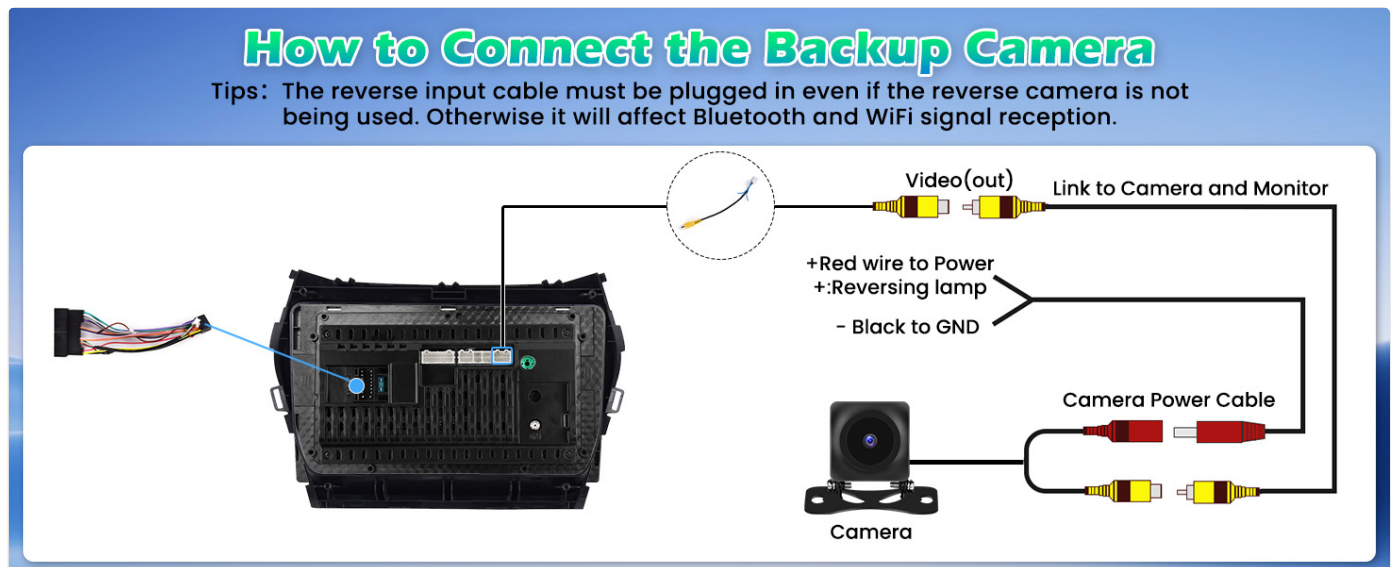


Figure 2.1: Connection reference and included package components.

3. IMPORTANT CONSIDERATIONS

- **Vehicle Compatibility:** This stereo dash kit is specifically designed for Hyundai Santa Fe models from 2013 to 2017.
- **OEM Amplifier:** The included wiring harness does NOT support original cars equipped with a factory power amplifier. Please verify your vehicle's audio system configuration before installation.
- **Power Cable Port:** Before purchasing and installing, compare the power cable port on the product detail page with your original car's port to ensure compatibility.



Figure 3.1: Visual guide for dashboard compatibility and fitment.

4. SETUP AND INSTALLATION

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

4.1 General Installation Steps

1. Carefully remove the original car stereo and dashboard trim.
2. Connect the provided power cable, RCA harness, and other necessary cables to the new head unit and the vehicle's wiring.
3. Install the GPS antenna in a location with a clear view of the sky.
4. Mount the new Roinvou stereo into the dashboard opening.
5. Reconnect the vehicle's battery and test all functions before fully reassembling the dashboard.

4.2 Backup Camera Connection

Connect the AHD backup camera using the provided cables. The reverse input cable must be plugged in even if the camera is not used, as it affects Bluetooth and WiFi signal reception.

- Connect the camera's video output to the 'Rear Camera Input' on the head unit.
- Connect the camera's red power wire to the reversing lamp's positive (+) terminal.
- Connect the camera's black ground wire to a suitable ground point (GND).



Figure 4.1: Backup camera wiring diagram.

4.3 Steering Wheel Control (SWC)

The unit supports steering wheel controls. The connection method depends on whether your vehicle has a CANBUS decoder.

- **Without CANBUS Decoder:** Connect the steering wheel control wires (Key1/Key2) in the power cable to the corresponding port of your original car. Then, navigate to the 'Steering Learn' option in the unit's settings to map the buttons.
- **With CANBUS Decoder:** Connect the CANBUS decoder before powering on the machine. Then, go to 'Apps' -> 'Settings' -> 'Factory Settings' (password: 8888/8317) -> 'Vehicle' -> 'Automotive type'. Select the brand of the CANBUS decoder and the matching model and year to activate SWC functionality.



Figure 4.2: Steering Wheel Control setup.

5. OPERATING INSTRUCTIONS

5.1 Wireless Apple CarPlay & Android Auto

Connect your smartphone wirelessly via Bluetooth to access Apple CarPlay or Android Auto. Once connected, your phone will automatically link when you start the car.

- Make/answer phone calls.

- Listen to music and podcasts.
- Utilize GPS navigation.
- Access voice assistants for app control.



Figure 5.1: Wireless Apple CarPlay and Android Auto interface.

5.2 Bluetooth & Mirror Link

- **Bluetooth:** Pair your phone via Bluetooth for hands-free calling, phone book access, and audio streaming.
- **Mirror Link:** Synchronize your iOS or Android phone screen to the car stereo display via WiFi. This allows for sharing media, navigation, or other applications with passengers.

Mirror Link Function

Mirror Links for Android and iOS smartphones, you can synchronize the phone screen to enjoy playing video on a larger screen.



Figure 5.2: Mirror Link functionality.

5.3 GPS Navigation & WiFi

- **GPS Navigation:** The unit has built-in GPS. You can download offline navigation apps directly from the Google Play Store.
- **WiFi:** Connect to a WiFi network to use online maps, download applications, stream online music, and watch videos.

GPS Navigation & WiFi

Built-in GPS navigation, you can download offline navigation directly from the Play Store. After connecting to WiFi, the online map can also be used perfectly.



Figure 5.3: GPS Navigation and WiFi connectivity.

5.4 FM/RDS Radio & 32-Band EQ

- **FM/RDS Radio:** Access local radio stations with the built-in FM/RDS tuner. Preset stations for quick access to news, traffic, and weather updates.
- **32-Band EQ:** Utilize the pre-installed audio tuning software to adjust frequency and sound types. This allows for fine-tuning the audio output to compensate for speaker characteristics and achieve desired sound quality.

Steering Wheel Control



Without CANBUS Decoder

Please connect the plugs or the steering wheel control wires (Key1/Key2) in the power cable to the corresponding port or wire of your original car, and then go to "SteeringWheel Key" manual match to activate the button function.

Contain CANBUS Decoder

Please connect the canbus before powering on the machine, and then follow this path (Apps - Settings - Factory Settings (8888/8317) - Vehicle - Automotive type) to make SWC work properly. First select the brand of the canbus decoder, then select the matching model and year according to the actual situation.



Figure 5.4: Bluetooth, FM/RDS Radio, and 32-Band EQ interfaces.

5.5 Split Screen Function

The split-screen feature allows you to run two applications simultaneously on the display, such as navigation and music playback.

Split Screen Function



Figure 5.5: Split Screen functionality and UI themes.

6. MAINTENANCE

- **Screen Cleaning:** Use a soft, lint-free cloth to clean the touch screen. Avoid abrasive cleaners or solvents that may damage the display.
- **Software Updates:** Periodically check for software updates to ensure optimal performance and access to new features. Updates can typically be found through the system settings or the manufacturer's website.
- **Environmental Conditions:** Avoid exposing the unit to extreme temperatures, direct sunlight for prolonged periods, or excessive moisture.

7. TROUBLESHOOTING

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

- **Unit Does Not Power On:** Check all power connections and fuses. Ensure the vehicle's battery is properly

connected and charged.

- **No Sound:** Verify speaker connections. Check volume levels and EQ settings. Ensure the correct audio source is selected.
- **Steering Wheel Controls Not Working:** Re-check wiring connections for Key1/Key2. If applicable, ensure the CANBUS decoder is correctly configured in factory settings (refer to Section 4.3). Some users report needing to re-map controls after power cycles; try re-learning the controls.
- **Bluetooth/WiFi Connectivity Issues:** Ensure the reverse input cable is connected, even if a backup camera is not in use, as it can affect signal reception. Restart the unit and your mobile device.
- **CarPlay/Android Auto Not Connecting:** Ensure Bluetooth is enabled on your phone and the unit. Try forgetting the device on both ends and re-pairing. Verify your phone's operating system is up to date.
- **Poor Microphone Quality:** Check the external microphone connection. Ensure it is positioned correctly and not obstructed.
- **System Lag/Slow Performance:** Close unnecessary background applications. Clear cache or perform a factory reset if persistent (note: this will erase all user data).

If problems persist, contact Roinvou customer support for assistance.

8. SPECIFICATIONS

Brand	Roinvou
Model Name	RM (B0D92476ZF)
Operating System	Android 13
Processor	4-Core CPU
RAM	4GB
ROM	64GB
Screen Size	9 Inches
Resolution	1280*720
Connectivity	Bluetooth, USB, Wi-Fi
Special Features	Touchscreen, Wireless CarPlay, Wireless Android Auto, Mirror Link, GPS Navigation, FM RDS Radio, Support Reverse Input, EQ Setting, SWC
Audio Output Mode	Stereo
Mounting Type	Dashboard Mount
Package Dimensions	11.61 x 8.03 x 5 inches
Item Weight	3.05 pounds

9. WARRANTY AND SUPPORT

9.1 Protection Plans

Optional protection plans are available for purchase:

- **2-Year Protection Plan:** Provides coverage for 24 months.
- **3-Year Protection Plan:** Provides coverage for 36 months.
- **Complete Protect:** A monthly plan covering eligible past and future purchases.

9.2 Returns

The product is eligible for a 30-day refund or replacement policy.

9.3 Customer Support

For technical assistance, warranty claims, or any product-related inquiries, please contact Roinvou customer support. You can typically find support contact information on the seller's page or through the provided email address.

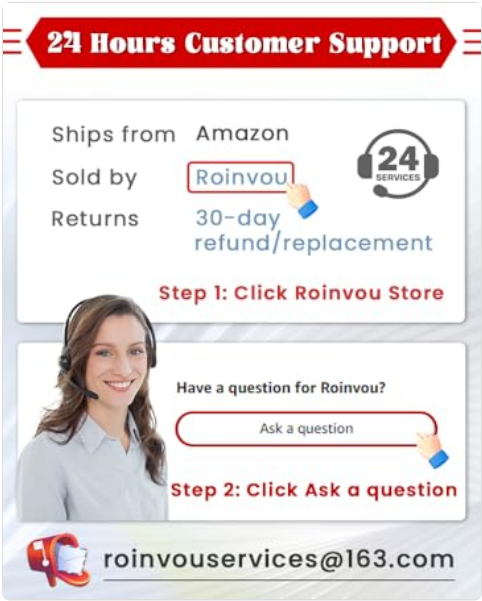


Figure 9.1: Roinvou Customer Support information.

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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

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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

Open the live page

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