Rimoody Single Din Car Stereo (2G+64G)

Rimoody 9-Inch Android Single Din Car Stereo User Manual

Model: 2G+64G Single Din Car Stereo with Wireless Carplay & Android Auto

1. Introduction

Thank you for choosing the Rimoody 9-Inch Android Single Din Car Stereo. This advanced multimedia system is designed to enhance your driving experience with its comprehensive features, including wireless CarPlay and Android Auto, GPS navigation, Bluetooth connectivity, FM/RDS radio, and support for a backup camera. This manual provides detailed instructions for installation, operation, and maintenance to ensure optimal performance and longevity of your device.

2. Key Features

- **Wireless CarPlay & Android Auto:** Seamless integration with your smartphone for navigation, music, calls, and messages, supporting both wireless and wired connections.
- **9-Inch HD Touchscreen:** A large 1080P full-laminated capacitive touchscreen with glare-resistant 2.5D curved glass for clear visuals and responsive interaction.
- **Built-in GPS Navigation:** Supports offline map downloads and real-time traffic updates via WiFi positioning.
- **Comprehensive Driving Safety:** Expandable AHD 720P rearview camera support (CVBS/AHD switchable) and customizable steering wheel controls.
- **Smart In-Car Ecosystem:** Android OS allows for app expansion, dual-band WiFi, and Bluetooth 5.0 (A2DP/phonebook sync) for versatile audio streaming.
- **Automatic Time Synchronization:** GPS/network auto-time calibration for accurate time display, with manual adjustment options.
- **FM/RDS Radio:** High-quality FM radio with 18 preset stations and real-time traffic information.
- **Mirror Link:** Supports screen mirroring for both iOS and Android devices.

3. What's in the Box

Please verify that all components are present before proceeding with installation:



Image: Overview of the Rimoody car stereo components, including the main unit, backup camera, power cable, USB cable, rear camera input cable, RCA cable, mounting bracket, GPS antenna, user manual, and microphone.

- Main Head Unit (9-inch display)
- Backup Camera
- Power Cable
- USB Cable
- Rear Camera Input Cable
- RCA Cable
- Mounting Bracket
- GPS Antenna
- User Manual (this document)
- Microphone

4. Specifications

Feature	Specification
Screen Size	9 Inches (23 cm visible diagonal)
Resolution	1024 x 768
Operating System	Android
Memory (RAM)	2GB
Storage (ROM)	64GB
Connectivity	Bluetooth 5.0, WiFi, USB
Special Features	Touchscreen, Wireless CarPlay, Wireless Android Auto, GPS Navigation, FM/RDS Radio, Mirror Link, Steering Wheel Control Support, Backup Camera Support
Mounting Type	Dashboard Mount (Single Din)
Audio Output Mode	Stereo
Item Weight	3.45 pounds
Package Dimensions	10.79 x 9.06 x 7.2 inches

5. Setup and Installation

Professional installation is recommended for this car stereo. Ensure your vehicle's power is disconnected before beginning installation. Refer to your vehicle's specific wiring diagram in conjunction with the provided wiring harness diagram.

5.1 Wiring Diagram

The following diagram illustrates the connections for the main wiring harness and auxiliary inputs. Match each numbered connection to its corresponding function.

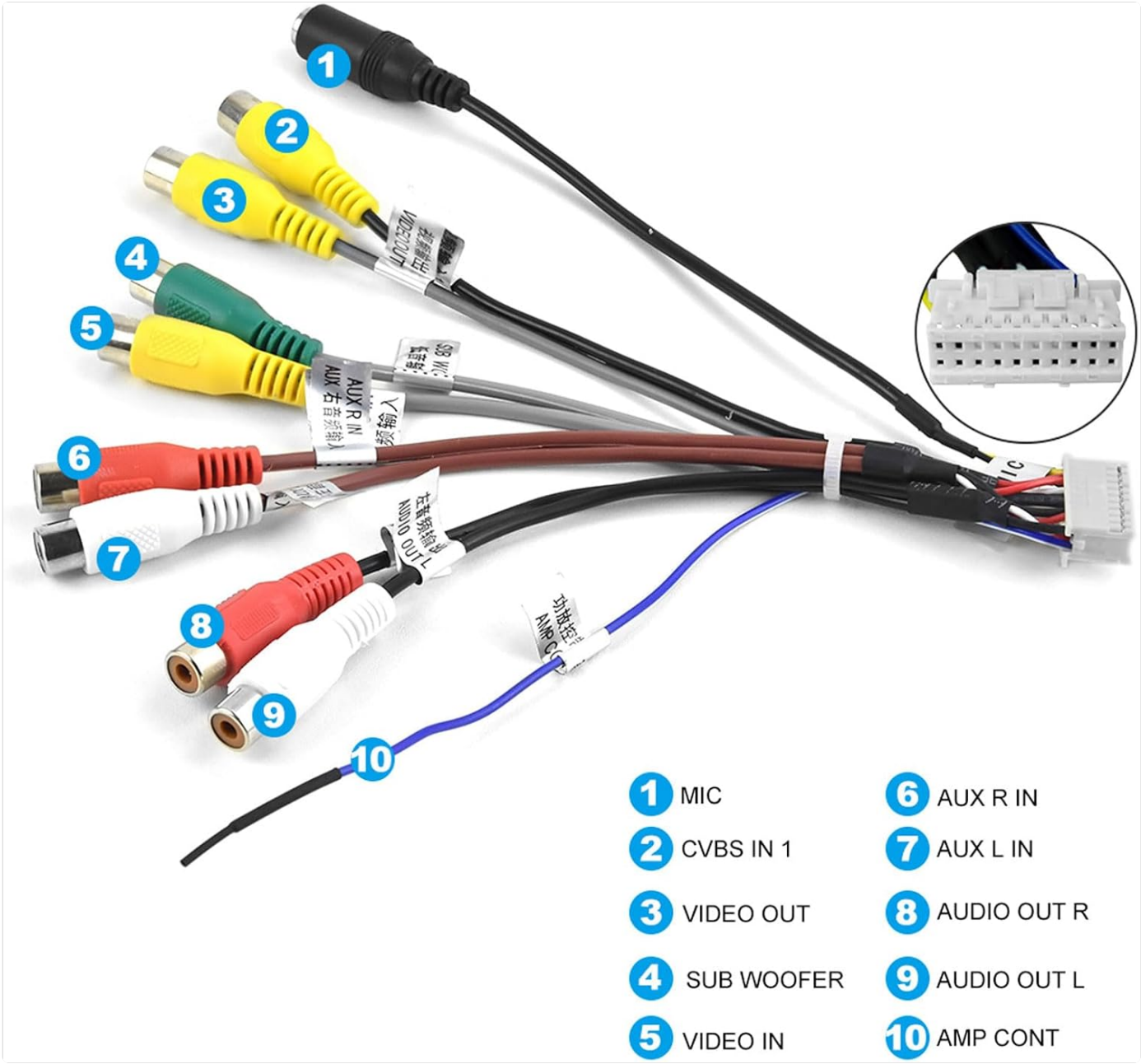


Image: Detailed wiring connections for the car stereo. Key connections include: 1. MIC, 2. CVBS IN 1, 3. VIDEO OUT, 4. SUB WOOFER, 5. VIDEO IN, 6. AUX R IN, 7. AUX L IN, 8. AUDIO OUT R, 9. AUDIO OUT L, 10. AMP CONT.

1. **MIC (1):** Connect the external microphone for hands-free calling.
2. **CVBS IN 1 (2):** Composite Video Broadcast Signal Input 1.
3. **VIDEO OUT (3):** Video output for external displays.
4. **SUB WOOFER (4):** Output for a subwoofer.
5. **VIDEO IN (5):** Video input for external video sources.
6. **AUX R IN (6):** Auxiliary Right Audio Input.
7. **AUX L IN (7):** Auxiliary Left Audio Input.
8. **AUDIO OUT R (8):** Right Audio Output.
9. **AUDIO OUT L (9):** Left Audio Output.
10. **AMP CONT (10):** Amplifier Control wire (for turning on external amplifiers).

5.2 Physical Installation

The single din design allows for flexible installation. The screen can be adjusted for optimal viewing angles after mounting the main unit.



Image: The Rimoody car stereo showing its adjustable screen mechanism and the included backup camera, illustrating the product's overall design and components.

1. Carefully remove your existing car stereo.
2. Connect the provided wiring harness to your vehicle's wiring. Ensure all connections are secure.
3. Mount the single din main unit into the dashboard opening using the provided bracket.
4. Attach the 9-inch display to the main unit. The display offers adjustable angles for optimal viewing.
5. Install the GPS antenna in a location with a clear view of the sky (e.g., dashboard, A-pillar).
6. If installing the backup camera, route the camera cable to the rear of the vehicle and connect it to the designated input on the stereo.
7. Reconnect your vehicle's power and test all functions.

6. Operating Instructions

The Rimoody car stereo operates like a standard Android tablet with a user-friendly touchscreen interface. Power on the device by starting your vehicle's ignition.

6.1 Basic Navigation

- **Home Screen:** Displays frequently used apps and widgets. Swipe left/right to access additional screens.
- **App Drawer:** Access all installed applications by tapping the app drawer icon.
- **Settings:** Adjust system settings, network connections, display, sound, and more.
- **Volume Control:** Use the physical buttons on the side of the unit or the on-screen controls.

6.2 Wireless CarPlay and Android Auto

Connect your iPhone or Android smartphone wirelessly for seamless integration of navigation, music, calls, and messages.



Image: Demonstrates the user interface for both wireless/wired CarPlay and wired Android Auto, showing common applications like Phone, Maps, Music, and Messages.

1. Ensure Bluetooth and Wi-Fi are enabled on your smartphone.
2. On the car stereo, open the "CarPlay" or "Android Auto" application.
3. Follow the on-screen prompts to pair your phone via Bluetooth.

4. Once paired, the system will automatically connect to CarPlay or Android Auto via Wi-Fi.
5. For wired connection, simply connect your phone via a USB cable to the stereo's USB port.

6.3 Mirror Link (iOS/Android)

Mirror your smartphone's screen directly onto the car stereo display.



Image: Illustration of the Mirror Link function, demonstrating how both iOS and Android phone screens can be displayed on the car stereo.

1. Open the "Mirror Link" application on the stereo.
2. Follow the specific instructions for iOS or Android devices provided within the app or on the screen. This typically involves connecting via USB or Wi-Fi and enabling screen mirroring on your phone.

6.4 GPS Navigation

The built-in GPS module allows for accurate navigation. You can use pre-installed maps or download additional maps.



Image: Displays the GPS navigation interface with route information and a map, alongside the WiFi connection screen showing available networks and a web browser.

- **Offline Maps:** Download map data for your region via Wi-Fi to use navigation without an internet connection.
- **Online Maps:** Connect to Wi-Fi (e.g., via smartphone hotspot) to use online mapping services with real-time traffic updates.
- **GPS Antenna:** Ensure the GPS antenna is installed in a location with a clear view of the sky (e.g., dashboard, not under metal).

6.5 Bluetooth Connectivity

Connect your phone via Bluetooth for hands-free calling and audio streaming (A2DP).



Image: Shows the Bluetooth interface for music playback and the FM/RDS radio interface with frequency display and station presets.

1. Go to the Bluetooth settings on the stereo.
2. Enable Bluetooth on your phone and search for available devices.
3. Select "Rimoody" or a similar device name from the list on your phone and pair.
4. Once connected, you can make/receive calls and stream audio.

6.6 FM/RDS Radio

Tune into your favorite radio stations and receive RDS information where available.

- Open the "Radio" application.
- Use the on-screen controls to scan for stations, manually tune, or select from presets.
- RDS (Radio Data System) will display station information, song titles, or traffic announcements if broadcast by the station.

6.7 Rear Camera and Steering Wheel Control

Enhance driving safety with the backup camera and integrate your vehicle's steering wheel controls.



Image: Shows the automatic display of the rear camera view when reversing, and the interface for programming steering wheel controls for various functions like volume, mode, and track skipping.

- **Rear Camera:** When the vehicle is shifted into reverse gear, the stereo will automatically display the rearview camera feed. Ensure the camera is properly installed and connected.
- **Steering Wheel Control (SWC):** If your vehicle supports SWC, you can program the buttons to control the stereo. Navigate to "Settings" > "Steering Wheel Control" and follow the on-screen instructions to map functions like volume, track skip, and mode.

7. Troubleshooting

If you encounter issues with your Rimoody car stereo, refer to the following common problems and solutions:

Problem	Possible Cause / Solution

Problem	Possible Cause / Solution
No Power / Unit Does Not Turn On	◦ Check power connections (ACC, B+, GND) for proper wiring and secure contact. ◦ Verify vehicle's fuse for the stereo is not blown. ◦ Ensure the vehicle's ignition is on.
No Sound	◦ Check speaker wiring connections. ◦ Ensure volume is not muted or set too low. ◦ Verify amplifier control wire (AMP CONT) is correctly connected if using an external amplifier. ◦ Check audio settings in the stereo's menu.
GPS Not Working / Poor Signal	◦ Ensure GPS antenna is properly connected and placed in an open area (e.g., dashboard, not under metal). ◦ Verify GPS settings in the stereo's menu. ◦ Check if offline maps are downloaded or if Wi-Fi connection is stable for online maps.
CarPlay/Android Auto Not Connecting	◦ Ensure Bluetooth and Wi-Fi are enabled on both the stereo and your phone. ◦ Forget the device on both ends and try pairing again. ◦ Check for software updates for your phone and the stereo. ◦ Try a different USB cable if attempting a wired connection.
Screen Frozen / Unresponsive	◦ Perform a soft reset by pressing the reset button (if available, usually a small pinhole) or by turning off the vehicle's ignition and restarting. ◦ If persistent, consider a factory reset (Note: this will erase all user data and settings).
"Memory Full" Error / Slow Performance	◦ Clear cache and data from applications in Android settings. ◦ Uninstall unnecessary applications to free up storage space. ◦ Avoid running too many applications simultaneously.

If the problem persists after trying these solutions, please contact Rimoody customer support for further assistance.

8. Maintenance

Proper maintenance ensures the longevity and optimal performance of your car stereo.

- **Cleaning the Screen:** Use a soft, lint-free cloth to gently wipe the touchscreen. For stubborn smudges, slightly dampen the cloth with water or a screen-safe cleaner. Avoid harsh chemicals or abrasive materials.
- **General Cleaning:** Keep the unit free from dust and debris. Use a soft brush or compressed air to clean vents and ports.
- **Temperature:** Avoid exposing the unit to extreme temperatures for prolonged periods.
- **Software Updates:** Periodically check for and install software updates provided by Rimoody to ensure the system runs efficiently and has the latest features.

9. Warranty and Support

Rimoody is committed to providing high-quality products and excellent customer service.

- **90-Day Free Return:** Enjoy a 90-day free return period for refund or exchange.
- **Lifetime Technical Support:** Our dedicated technical support team is available for lifetime assistance with your product.
- **24-Hour Quick Response:** We aim to provide quick responses to all customer inquiries within 24 hours.
- **Professional Installation Guide:** Access professional installation guides and videos for assistance.

For support, please refer to the contact information provided with your purchase or visit the official Rimoody website.

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