

Rimoody Android 13 Car Stereo for Toyota Corolla (2009-2013)

Rimoody Android 13 Car Stereo User Manual for Toyota Corolla (2009-2013)

1. INTRODUCTION AND OVERVIEW

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Rimoody Android 13 Car Stereo. This unit is specifically designed for Toyota Corolla models manufactured between 2009 and 2013. It integrates advanced features such as wireless Apple CarPlay, wireless Android Auto, GPS navigation, Wi-Fi connectivity, Bluetooth hands-free communication, FM/RDS radio, and support for a rear-view camera, all accessible via a responsive 9-inch touchscreen display.

The system operates on Android 13, offering a modern and intuitive user interface. Key features include:

- **Wireless CarPlay & Android Auto:** Seamless integration with your smartphone for navigation, music, calls, and messages.
- **Integrated GPS Navigation:** Built-in offline maps with online map update capabilities via Wi-Fi.
- **Wi-Fi Connectivity:** Access to online services and applications.
- **Bluetooth 5.0:** Hands-free calling, A2DP music streaming, and phonebook synchronization.
- **FM/RDS Radio:** High-quality radio reception with 18 preset stations.
- **HiFi Sound:** Enhanced audio fidelity for an immersive listening experience.
- **Rear Camera Input:** Automatic display of rear-view camera feed for safer parking and reversing.
- **Steering Wheel Control Support:** Retain control of essential functions directly from your vehicle's steering wheel.



Image 1.1: The Rimoodu Android 13 Car Stereo seamlessly integrated into a Toyota Corolla dashboard, showcasing the Apple CarPlay interface.

2. SETUP AND INSTALLATION

The Rimoodu Android 13 Car Stereo is designed for a direct fit into Toyota Corolla models from 2009 to 2013. The installation process involves removing the factory radio and connecting the new unit using the provided wiring harnesses.

2.1. Package Contents

Before beginning installation, verify that all components are present:

- Rimoodu Android 13 Car Stereo Unit
- Power Cable
- RCA Cable
- USB Cables (Dual Interface)
- GPS Antenna
- External Microphone
- Installation Tools
- Accessories (Mounting Brackets)
- User Manual (this document)
- Rear Camera (if included with your purchase)

for Toyota Corolla 2009 2010 2011 2012 2013



Image 2.1: Visual representation of the car stereo installation in a Toyota Corolla dashboard and the included components.

2.2. Installation Steps (General)

1. Carefully remove the original factory radio from your Toyota Corolla dashboard.
2. Connect the provided power cable and RCA cables to the corresponding ports on the new car stereo and your vehicle's wiring harness.
3. Install the GPS antenna in a location with a clear view of the sky (e.g., on the dashboard).
4. Connect the USB cables and external microphone.
5. If installing a rear camera, route the camera cable and connect it to the designated input on the stereo.
6. Mount the new car stereo securely into the dashboard opening using the provided brackets.
7. Test all functions before fully reassembling the dashboard trim.

Installation Effect



Before installation



After installation

Image 2.2: Comparison of the dashboard before and after the car stereo installation.

2.3. Steering Wheel Control Wiring Note

IMPORTANT:

If your original car steering wheel controls are not functioning correctly after installation, it may be necessary to modify the wiring. Locate the two wires circled in the image below, cut them, and insulate them with electrical tape. Then, re-test the steering wheel controls. If the issue persists or you are unsure how to perform this operation, please contact customer service for assistance.

PLEASE NOTE



If the original **car steering wheel** controls are not working properly, please cut the two wires circled in the image and wrap them with electrical tape.

Then, test the steering wheel controls again to see if they function correctly. If you are unsure how to perform this operation, please contact our customer service for assistance.

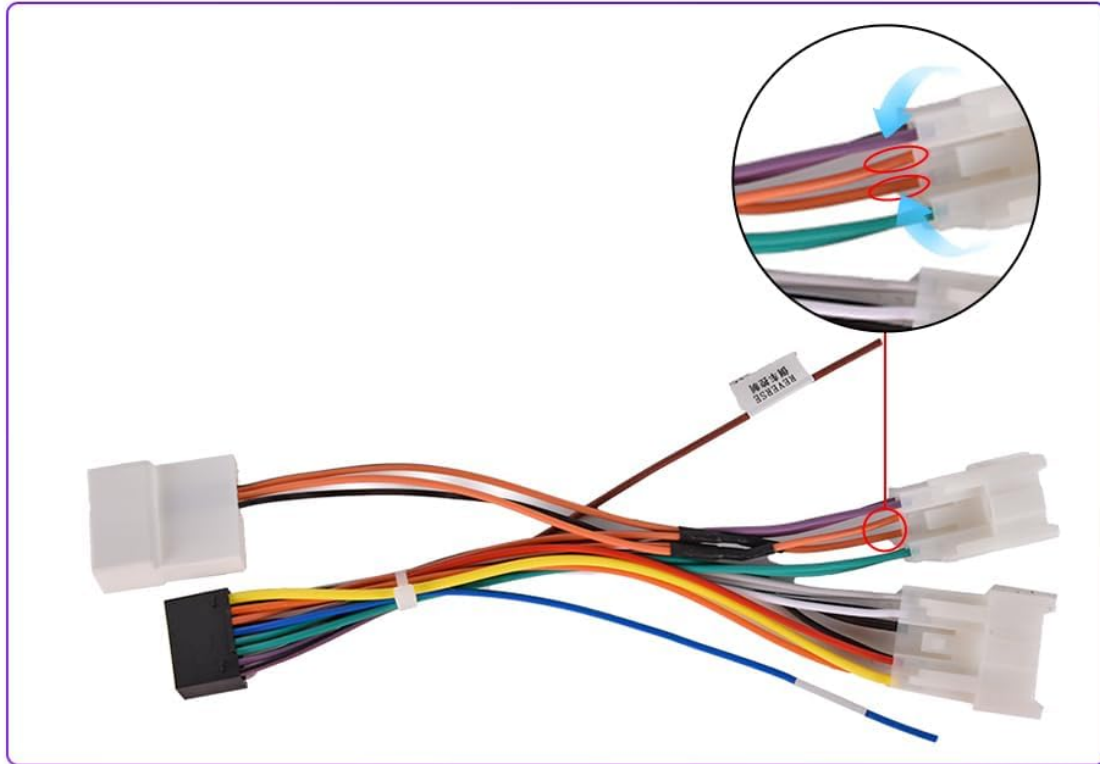


Image 2.3: Wiring diagram for troubleshooting steering wheel control functionality.

3. OPERATING INSTRUCTIONS

3.1. Wireless CarPlay and Android Auto

The unit supports both wireless Apple CarPlay and wireless Android Auto. This allows you to integrate your smartphone's features directly onto the car stereo display. You can make calls, send messages, play music, use navigation apps, and more, either through voice commands or touch interaction.

- **Connection:** Enable Bluetooth and Wi-Fi on your smartphone. On the car stereo, select the CarPlay or Android Auto application and follow the on-screen prompts to pair your device.
- **Functions:** Access phone contacts, email, notifications, map navigation, music, and video playback.

Wireless/Wired Carplay /Android Auto/Mirror Link



Image 3.1: Overview of CarPlay, Android Auto, and Mirror Link functionalities.

3.2. Mirror Link (Wired/Wireless)

Mirror Link allows you to display your smartphone's screen directly onto the car stereo. This feature supports both iOS and Android devices and can be connected via USB cable or Wi-Fi. Once connected, you can interact with your phone's applications, music, and videos on the larger car stereo screen.

3.3. GPS Navigation and Wi-Fi

The car stereo comes with integrated offline maps. For real-time traffic updates and access to online maps, connect the unit to a Wi-Fi network. Once connected, you can download and update maps, and use various navigation applications. Wi-Fi also enables access to streaming services and other applications like YouTube, TikTok, or Spotify from the app store.



Image 3.2: GPS navigation interface and available online applications via Wi-Fi.

3.4. Bluetooth Functions

The built-in Bluetooth module supports hands-free calling, allowing you to make and receive calls safely while driving. It also supports A2DP for wireless audio streaming from your smartphone and automatic phonebook synchronization.

- **Pairing:** Go to the Bluetooth settings on the stereo and your phone, search for available devices, and pair.
- **Hands-free Calls:** Use the touchscreen or steering wheel controls to answer/end calls.
- **Music Streaming:** Play audio from your phone through the car's speakers.

3.5. FM/RDS Radio

Enjoy your favorite radio stations with the integrated FM/RDS tuner. The system supports automatic and semi-automatic station searching, as well as precise tuning. You can preset up to 18 stations for quick access. RDS (Radio Data System) provides additional information such as station name and song title where available.

3.6. HiFi Sound

The car stereo is engineered with HiFi (High Fidelity) audio capabilities, ensuring that reproduced sound is highly similar to the original source, providing a rich and clear audio experience.

3.7. Steering Wheel Control

The unit supports your vehicle's original steering wheel controls, allowing you to manage volume, track changes, and answer calls without taking your hands off the wheel. This enhances driving safety and convenience.



Image 3.3: Visual representation of Bluetooth, FM Radio, HiFi Sound, and Steering Wheel Control features.

3.8. Rear Camera Input

The car stereo supports AHD (Analog High Definition) rear cameras. When the vehicle is shifted into reverse, the display automatically switches to the camera feed, providing a clear view of the area behind your car. This feature significantly aids in parking and maneuvering, reducing the risk of accidents.



Image 3.4: Rear camera view displayed on the car stereo screen during reversing.

4. MAINTENANCE

To ensure the longevity and optimal performance of your Rimoodu Android 13 Car Stereo, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the touchscreen and unit exterior. Avoid abrasive cleaners or solvents that could damage the screen or finish.
- **Software Updates:** Periodically check for available software updates via Wi-Fi to ensure you have the latest features and bug fixes. Follow the on-screen instructions for any updates.
- **Temperature:** Avoid exposing the unit to extreme temperatures for extended periods.
- **Power:** Ensure the vehicle's electrical system is in good condition to prevent power fluctuations that could affect the unit.

5. TROUBLESHOOTING

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

| Problem | Possible Cause | Solution |
|--|---|---|
| Unit constantly glitches, shuts off/on, or reboots randomly. | Unstable power supply, software issue, or hardware malfunction. | Check power connections. Perform a factory reset (Settings > System > Reset options > Erase all data). If issues persist, contact customer support. |
| Touchscreen is unresponsive or not working. | Software glitch, physical damage, or incorrect calibration. | Restart the unit. Perform a factory reset. If the issue is physical, contact customer support. |
| Apps crash repeatedly or unit is slow. | Insufficient RAM for multiple applications, software conflict, or excessive background processes. | Close unused applications. Clear app caches. Perform a factory reset. Ensure sufficient RAM (this unit has 2GB RAM). |
| Steering wheel controls do not work. | Incorrect wiring or configuration. | Refer to Section 2.3 for specific wiring instructions. Check the steering wheel control settings in the unit's menu. |
| Bluetooth connection issues. | Pairing error, device compatibility, or interference. | Ensure Bluetooth is enabled on both devices. Delete previous pairings and re-pair. Move closer to the unit. |
| No GPS signal or inaccurate navigation. | GPS antenna not properly installed or obstructed. | Ensure the GPS antenna has a clear view of the sky. Check antenna connection. Update maps via Wi-Fi. |

Factory Settings Keyword: The factory settings keyword for this unit is **8888**. Use this with caution as it can alter system configurations.

For any issues not covered here, or if troubleshooting steps do not resolve the problem, please contact Rimoody customer support.

6. SPECIFICATIONS

Below are the technical specifications for the Rimoody Android 13 Car Stereo:

- **System:** Android 13
- **Screen Size:** 9 inches (23 cm)
- **Display Resolution:** 1024 x 600
- **Memory:** 2 GB RAM + 64 GB ROM
- **Output Power:** 4 x 45 W
- **Radio Band:** FM/RDS (18 preset stations)
- **Connectivity:** Wireless CarPlay, Wireless Android Auto, Mirror Link (wired/wireless), Bluetooth, Wi-Fi, Dual USB interface
- **Navigation:** Integrated GPS with offline maps (online map updates via Wi-Fi)
- **Audio Features:** HiFi Sound, A2DP Bluetooth audio streaming
- **Video Output:** Supported
- **Microphone:** External microphone support

- **Other Features:** Split screen support, Rear camera input (AHD)
- **Compatible Vehicles:** Toyota Corolla 2009-2013

7. WARRANTY AND SUPPORT

Rimoody is committed to providing quality products and customer satisfaction. Your car stereo comes with the following support and warranty:

- **30-Day Refund Policy:** Eligible for a refund within 30 days of purchase without specific reason.
- **24-Month Free Replacement:** The product is covered for free replacement for 24 months from the date of purchase against manufacturing defects.
- **Lifetime Technical Support:** Access to technical assistance for the lifespan of the product.
- **24-Hour Quick Response:** Customer service aims to respond to inquiries within 24 hours.

For warranty claims, technical support, or any product-related questions, please refer to the contact information provided with your purchase documentation or visit the official Rimoody website.