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› Rimoody 8Core 6G+128G Android 15 Car Radio for Toyota FJ Cruiser 2006-2023 Instruction Manual

Rimoody 8Core 6G+128G

Rimoody 8Core 6G+128G Android 15 Car Radio Instruction Manual

FOR TOYOTA FJ CRUISER 2006-2023

Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your Rimoody 8Core 6G+128G Android 15 Car Radio. This unit is specifically designed for Toyota FJ Cruiser models from 2006 to 2023. Please read this manual thoroughly before use to ensure proper functionality and to maximize your experience.

Key Features

- **High Performance System:** Equipped with Android 15, an 8-Core CPU, 6GB RAM, and 128GB ROM for smooth and responsive operation.
- **9-Inch IPS Touch Screen:** Large, clear display with responsive touch control for easy navigation and interaction.
- **Wireless CarPlay & Android Auto:** Seamless integration with your iPhone or Android smartphone for navigation, music, calls, and messages.
- **Mirror Link Functionality:** Display your phone's screen directly on the car radio via USB cable or Wi-Fi.
- **Built-in GPS Navigation:** Supports online and offline maps with voice guidance and real-time traffic information.
- **5G-WiFi Connectivity:** Connect to the internet via Wi-Fi hotspot or tethering for online content and app downloads.
- **Bluetooth 5.0:** Hands-free calling, music playback, and automatic phone book loading.
- **FM/RDS Radio:** Access 30 preset radio stations with clear channel search and low noise.
- **DSP Sound Processing:** Advanced Digital Sound Processor with 32-band equalization for customized

audio settings.

- **Steering Wheel Control (SWC) Support:** Conveniently control essential functions directly from your steering wheel.
- **Reverse Camera Input:** Connect a reversing camera for safe parking and obstacle avoidance (camera included).
- **Split Screen Functionality:** Use two applications simultaneously on the display.
- **Customizable UI Themes:** Choose from 59 different user interface desktop themes.

What's in the Box

Verify that all components are present before proceeding with installation.

- Car Radio Unit
- Backup Camera
- Microphone
- Wiring Harness
- Power Cable
- USB Cables (2)
- GPS Antenna
- RCA Cable
- Installation Tool
- User Manual
- Rear Camera Input Cable
- Canbus (if applicable for your vehicle model)

Packing List

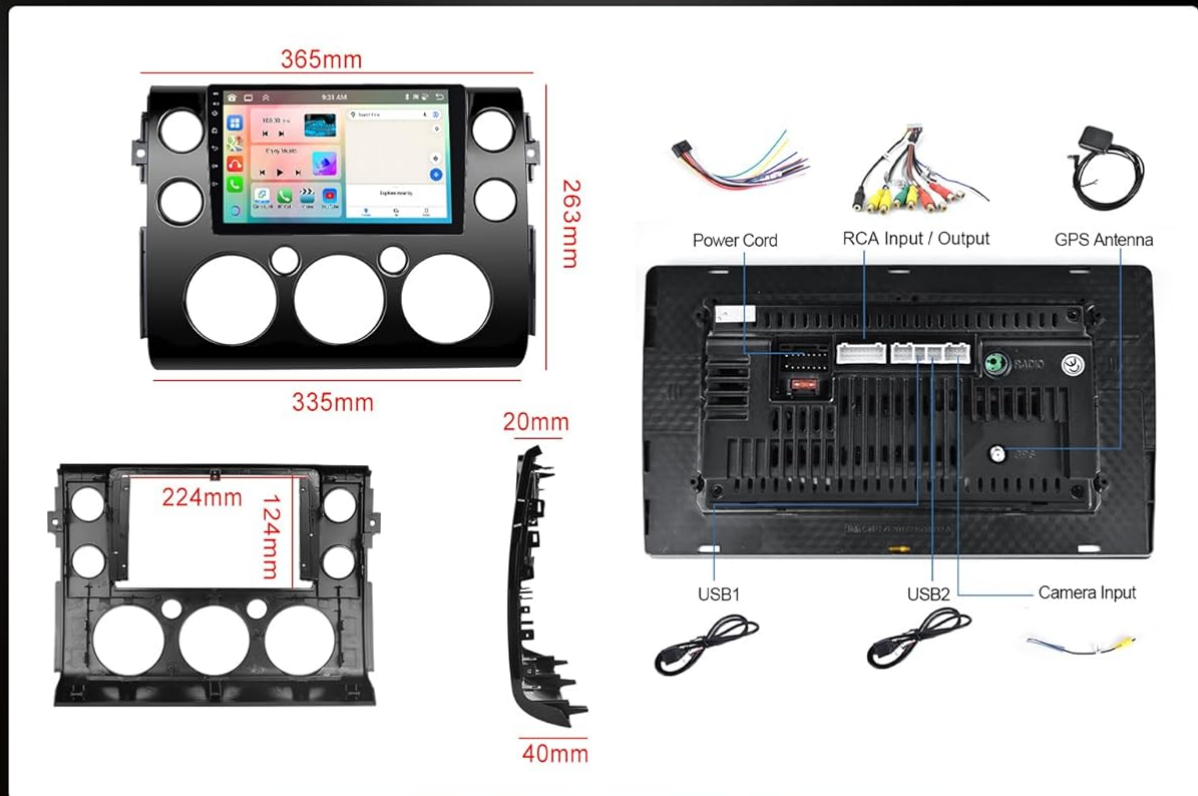


Image: Contents of the Rimoody car radio package, including the head unit, various cables, GPS antenna, microphone, backup camera, installation tools, and user manual.

Setup and Installation

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

- 1. Remove Original Unit:** Carefully remove the factory car radio and trim from your Toyota FJ Cruiser (2006-2023).
- 2. Connect Wiring Harness:** Connect the provided wiring harness to the vehicle's existing wiring. Ensure all connections are secure.
- 3. Install GPS Antenna:** Mount the GPS antenna in a location with a clear view of the sky, typically on the

dashboard or under the windshield.

4. **Connect USB Cables:** Route the USB cables to a convenient location, such as the glove compartment or center console.
5. **Install Microphone:** Position the external microphone for optimal voice pickup during calls.
6. **Connect Backup Camera:** If installing the backup camera, route its cable to the rear of the vehicle and connect it to the designated input on the car radio.
7. **Mount New Unit:** Securely install the Rimoody car radio into the dashboard opening.
8. **Test Functionality:** Reconnect the vehicle's power and test all functions of the car radio before fully reassembling the dashboard.



Image: Visual comparison showing the original car radio setup in a Toyota FJ Cruiser and the upgraded dashboard with the Rimoody 9-inch touchscreen unit installed.

Operating Instructions

This section details the primary functions and how to operate them.

Your browser does not support the video tag.

Video: Overview of Rimoody car radio features, including Wireless CarPlay, Android Auto, Mirror Link, GPS Navigation, Wi-Fi, FM/RDS Radio, Bluetooth, Reverse Assist, Steering Wheel Controls, and DSP Function.

Wireless CarPlay & Android Auto

Connect your smartphone wirelessly to access navigation, music, and communication apps directly on the car radio display.

1. Ensure Bluetooth and Wi-Fi are enabled on your smartphone.
2. On the car radio, open the CarPlay or Android Auto application.
3. Follow the on-screen prompts to pair your phone. For Android Auto, you may need to install the 'Android Auto' app on your phone first.
4. Once connected, your phone's compatible apps will appear on the car radio screen.



Image: The car radio screen illustrating the options for Wireless CarPlay, Wireless Android Auto, and Mirror Link, with a smartphone demonstrating the connection.

GPS Navigation & Wi-Fi Connection

Utilize the built-in GPS for navigation and connect to Wi-Fi for online services.

1. **GPS:** Open the Navigation app. You can use pre-installed offline maps or download online maps when connected to Wi-Fi.
2. **Wi-Fi:** Go to Settings > Network > Wi-Fi. Select your desired network and enter the password to connect. This enables online features, weather updates, and app downloads.

GPS Navigation / WiFi Connection

8-Core

6G RAM + 128G ROM



Image: The car radio screen displaying GPS navigation, highlighting the unit's 8-Core processor, 6GB RAM, and 128GB ROM.

Bluetooth 5.0 & FM/RDS Radio

Manage calls, play music via Bluetooth, and tune into radio stations.

- **Bluetooth:** Access the Bluetooth app to pair your phone for hands-free calls and audio streaming. The system supports automatic phone book loading.
- **FM/RDS Radio:** Open the Radio app. Use the search function to find stations or select from preset channels. RDS (Radio Data System) provides station information.



Image: Multiple displays illustrating Bluetooth connectivity for phone calls and music playback, the FM radio interface, and examples of the 59 available UI desktop themes.

DSP Sound Processing

Customize your audio experience with the Digital Sound Processor.

- Access the DSP settings from the main menu.
- Adjust the 32-band equalizer to fine-tune sound frequencies.
- Utilize features like sound field adjustment and bass enhancement for optimal audio output.



Image: The car radio screen displaying the Professional DSP Sound interface, including a graphic equalizer and options for sound field and delay adjustments.

Reverse Camera & Steering Wheel Controls (SWC)

Enhance safety with the reverse camera and convenience with steering wheel controls.

- **Reverse Camera:** When the vehicle is shifted into reverse, the display automatically switches to the rear view, aiding in safe parking. The included camera features waterproof, wide-angle, and night vision capabilities.
- **SWC:** Access the Steering Wheel Control learning function in the settings. Follow the on-screen instructions to assign car radio functions to your vehicle's steering wheel buttons.



Image: The car radio screen showing the rear view camera feed with parking guidelines, and a separate interface for configuring steering wheel controls.

Split Screen & UI Themes

Customize your display and multitasking experience.

- **Split Screen:** Drag an app to one side of the screen to activate split-screen mode, allowing two apps to run concurrently.
- **UI Themes:** Navigate to the display settings to select from 59 different user interface themes to personalize the look of your car radio.

Specifications

Feature	Specification
Brand	Rimoody
Model	8Core 6G+128G
Compatible Vehicles	Toyota FJ Cruiser (2006-2023)
Operating System	Android 15
CPU	8-Core
RAM	6GB
ROM	128GB
Screen Size	9 Inches
Display Type	IPS Touch Screen (Capacitive LCD)
Connectivity	Bluetooth 5.0, 5G-WiFi
Navigation	Built-in GPS (North America maps)
Audio Output Mode	Stereo
Included Components	Car radio, backup camera, microphone, wiring harness
Item Weight	1.76 Kilograms

Maintenance

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

- **Cleaning:** Use a soft, dry cloth to clean the screen and exterior. Avoid abrasive cleaners or solvents that could damage the display or finish.
- **Software Updates:** Periodically check for and install software updates to ensure the system runs efficiently and has the latest features and security patches.
- **Temperature Control:** Avoid exposing the unit to extreme temperatures. Prolonged exposure to direct sunlight or very cold conditions can affect performance and lifespan.
- **Cable Connections:** Ensure all cables are securely connected. Loose connections can lead to intermittent issues.

Troubleshooting

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

- **No Power:**
 - Check the power cable connections and ensure they are secure.
 - Verify the vehicle's fuse for the car radio is intact.
- **No Sound:**
 - Check volume levels on the unit and your connected device.

- Ensure speaker wires are correctly connected.
- Verify the audio source (e.g., radio, Bluetooth, CarPlay) is selected correctly.
- **GPS Signal Loss:**
 - Ensure the GPS antenna is properly installed and has a clear view of the sky.
 - Move the vehicle to an open area away from tall buildings or dense foliage.
- **Bluetooth Connection Issues:**
 - Ensure Bluetooth is enabled on both the car radio and your smartphone.
 - Delete previous pairings on both devices and attempt to re-pair.
 - Restart both devices.
- **Touch Screen Unresponsive:**
 - Perform a soft reset of the unit (refer to the device's specific reset procedure if available).
 - Ensure the screen is clean and free of debris.

Warranty and Support

Your Rimoodly car radio comes with a **2-year manufacturer's warranty**. For any technical assistance, installation guidance, or warranty claims, please contact Rimoodly customer support.

- **Customer Support:** Refer to the contact information provided with your product packaging or visit the official Rimoodly website.
- **Returns/Exchanges:** A 90-day free return for refund or exchange policy may apply, depending on your purchase platform.
- **Lifetime Technical Support:** Rimoodly offers lifetime technical support for its products.