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› [METEESER](#) /

› METEESER Car Stereo User Manual for Toyota RAV4 (2001-2006)

METEESER Android 13.0 Car Radio for Toyota RAV4 2001 2002 2003 2004 2005 2006

METEESER Car Stereo User Manual for Toyota RAV4 (2001-2006)

Model: Android 13.0 Car Radio for Toyota RAV4 2001-2006

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your METEESER Car Stereo, designed specifically for Toyota RAV4 models manufactured between 2001 and 2006. This advanced system features an 8-Core processor, Android 13.0 operating system, 6GB RAM, 128GB ROM, a 9-inch IPS touchscreen, Wireless CarPlay, Android Auto, GPS navigation, Wi-Fi connectivity, 32-band DSP audio, Bluetooth 5.0, and support for steering wheel controls and a backup camera.



Image 1.1: The METEESER Car Stereo seamlessly integrated into a Toyota RAV4 dashboard, showcasing its large display and user interface.

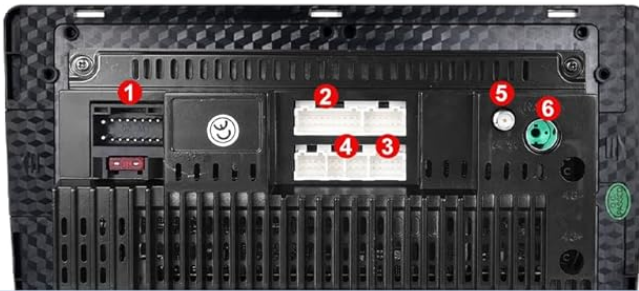
2. PACKAGE CONTENTS

Please verify that all items listed below are included in your package. If any components are missing or damaged, contact customer support immediately.

- METEESER Car Stereo Unit
- Power Cable
- RCA Cable (x2)
- USB Cable (x2)
- GPS Antenna
- External Microphone
- Backup Camera
- Installation Tool
- User Manual (this document)
- Accessories (mounting brackets, screws, etc.)

Package List

225mm/8.86 inch



1. Power Cable
2. RCA Input/Output
3. Reversing Camera Input
4. USB Cable
5. GPS Antenna
6. Radio Antenna



Power Cable



RCA Cable



RCA Cable



Installation Tool



GPS Antenna



User Manual



MIC



Rear Camera



USB Cable



Accessories

Image 2.1: Visual representation of all items included in the METEESER Car Stereo package, including the main unit, cables, antennas, and accessories.

3. COMPATIBILITY AND PRE-INSTALLATION CHECK

This car stereo is designed for Toyota RAV4 models from 2001 to 2006. Before installation, it is crucial to confirm that your vehicle's dashboard configuration is compatible with the unit. Refer to the image below for visual guidance.

For Toyota RAV4 (2001-2006)



⊗ Not Fit ⊗



✔ Fit ✔



✔ Fit ✔

Image 3.1: This image illustrates compatible and incompatible dashboard configurations for Toyota RAV4 models (2001-2006). Ensure your vehicle's dashboard matches the 'Fit' examples.

Ensure your vehicle's existing wiring harness matches the provided plug-and-play harness. If you have a factory amplifier or a complex audio system, additional adapters may be required (not included).

4. SETUP AND INSTALLATION

Installation of a car stereo can be complex and may require specialized tools and knowledge. It is highly recommended to seek professional installation to avoid damage to the unit or your vehicle. If you choose to install it yourself, please follow these general steps and refer to the detailed wiring diagram in the included manual.

4.1. Safety Precautions

- Disconnect the vehicle's negative battery terminal before starting any electrical work.
- Ensure all connections are secure and properly insulated.
- Do not force connectors; ensure they align correctly.

4.2. Installation Steps (General)

1. Carefully remove the factory radio from your Toyota RAV4 dashboard.
2. Connect the provided wiring harness to the vehicle's factory harness.
3. Connect the GPS antenna and route it to a location with a clear view of the sky (e.g., dashboard corner).
4. Connect the external microphone and route it to a suitable location for clear voice pickup (e.g., near the rearview mirror or steering column).
5. If installing the backup camera, route its cable from the rear of the vehicle to the stereo unit and connect it to the designated input.
6. Connect the main power cable and other accessory cables (USB, RCA, etc.) to the stereo unit.
7. Mount the new METEESER car stereo into the dashboard opening using the provided brackets and screws.
8. Reconnect the vehicle's negative battery terminal.
9. Turn on the vehicle and test all functions of the stereo.



Image 4.1: A visual comparison showing the original Toyota RAV4 dashboard radio and the upgraded METEESER Car Stereo after installation.

5. KEY FEATURES AND OPERATING INSTRUCTIONS

Your METEESER Car Stereo is equipped with a range of features to enhance your driving experience. Below are instructions for operating the primary functions.

5.1. System Overview

- **Operating System:** Android 13.0
- **Processor:** 8-Core
- **Memory:** 6GB RAM + 128GB ROM
- **Display:** 9-inch IPS Touch Screen (1280x720P resolution)



Image 5.1: An overview of the car stereo's core technologies, including GPS navigation, Wi-Fi connectivity, Android 13 operating system, and 8-Core processor.

5.2. Wireless CarPlay & Android Auto

Connect your smartphone wirelessly or via USB to access CarPlay (for iOS) or Android Auto (for Android devices). This allows for seamless integration of navigation, music, messaging, and calls directly on the stereo's display.

1. Ensure Bluetooth and Wi-Fi are enabled on your smartphone.
2. On the car stereo, select the 'CarPlay' or 'Android Auto' application.
3. Follow the on-screen prompts to pair your device. For wireless connection, pair via Bluetooth first, then confirm the Wi-Fi connection.

Wireless/Wired Carplay /Android auto

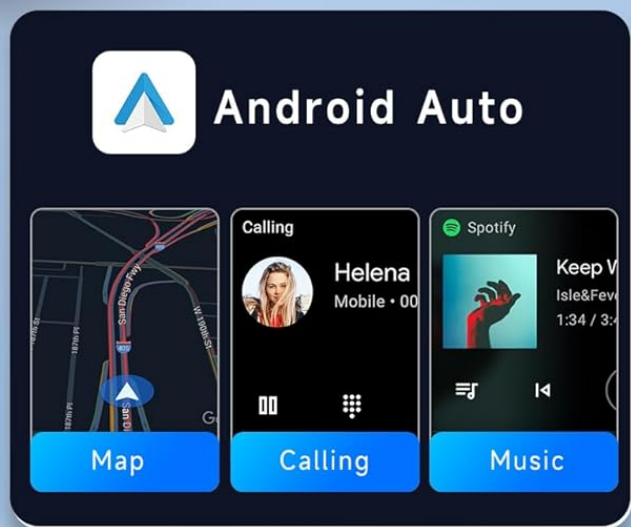
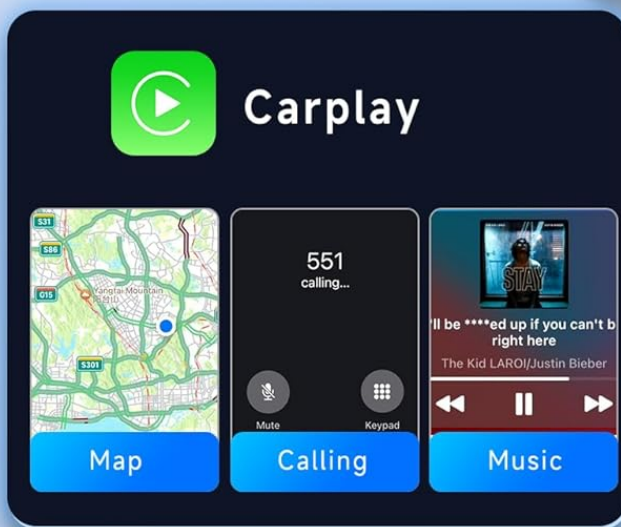


Image 5.2: The car stereo display showing the user interfaces for both Wireless CarPlay and Android Auto, demonstrating phone integration.

5.3. GPS Navigation

The unit comes with built-in GPS and supports offline maps. Connect to Wi-Fi or a mobile hotspot for real-time traffic updates and online map services.

1. Tap the 'Navigation' icon on the home screen.
2. Select your preferred navigation app (e.g., Google Maps, Waze).
3. Enter your destination to begin navigation.



Image 5.3: The car stereo displaying both online and offline map options for GPS navigation, highlighting its versatility.

5.4. Bluetooth 5.0 and FM/RDS Radio

Enjoy stable Bluetooth 5.0 connectivity for hands-free calls and audio streaming. The FM/RDS radio provides access to local radio stations with clear reception.

- **Bluetooth:** Go to the 'Bluetooth' app, enable Bluetooth on your phone, search for the stereo (e.g., 'METEESER'), and pair.
- **FM/RDS Radio:** Open the 'Radio' app. Use the scan function to find stations or manually tune to a frequency. RDS (Radio Data System) will display station information where available.

FM/RDS Radio / Bluetooth 5.0

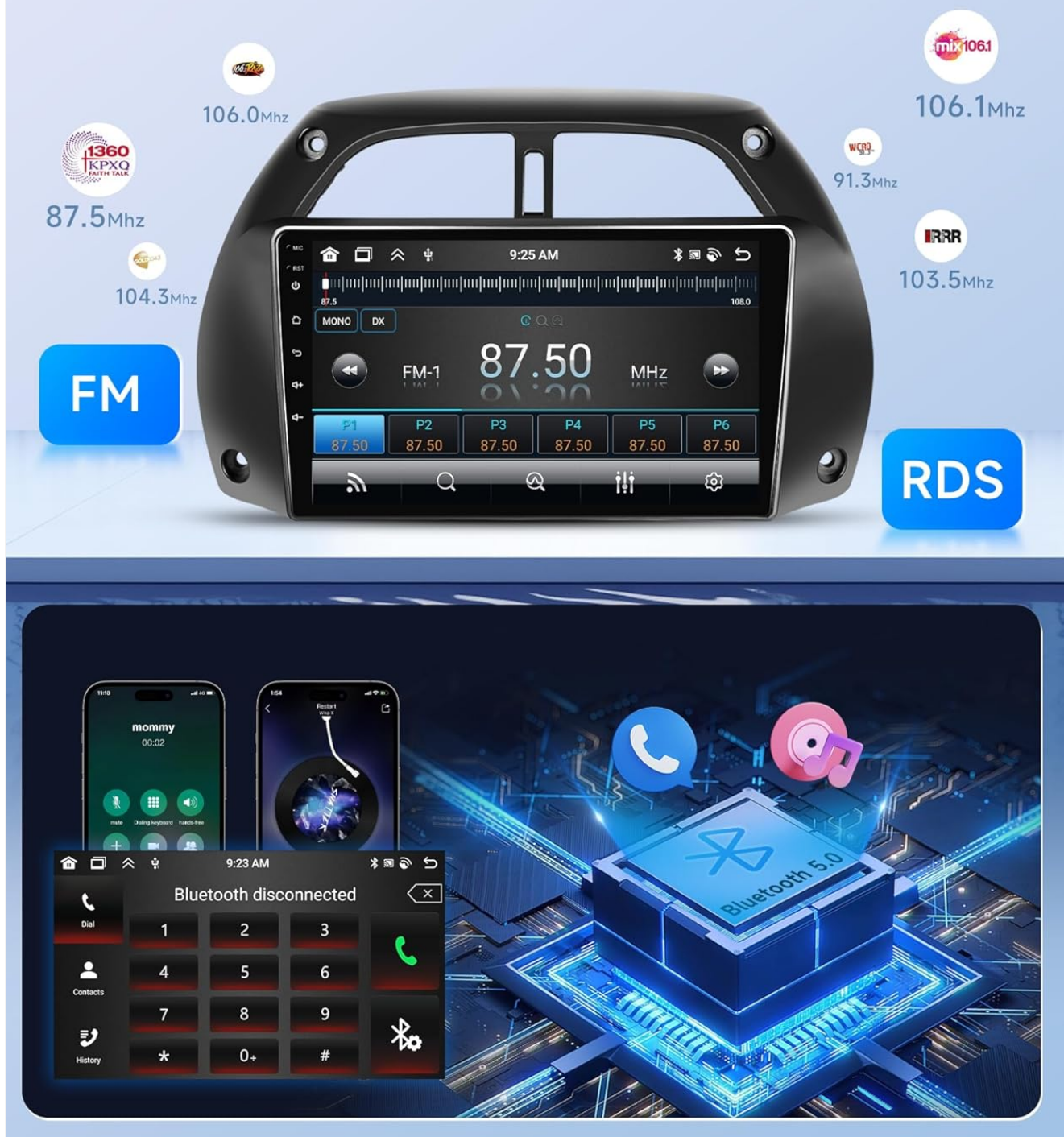


Image 5.4: The car stereo's interface for FM/RDS radio tuning and Bluetooth 5.0 connectivity, showing call and music streaming options.

5.5. DSP Audio with 32-Band EQ

The built-in Digital Signal Processor (DSP) allows for precise audio customization with a 32-band equalizer, noise reduction, and enhanced bass. Access the 'DSP' or 'Equalizer' app to adjust sound settings to your preference.



Image 5.5: The DSP interface on the car stereo, illustrating the 32-band equalizer and sound field adjustments for optimized audio output.

5.6. Steering Wheel Controls (SWC)

The unit supports your vehicle's original steering wheel controls. This feature allows you to manage audio, calls, and other functions without taking your hands off the wheel. Configuration may be required in the system settings.

1. Navigate to 'Settings' > 'Steering Wheel Control'.
2. Follow the on-screen instructions to program each button on your steering wheel to the corresponding function on the stereo.

Steering Wheel Controls

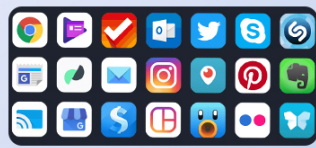


Image 5.6: The car stereo's interface for configuring steering wheel controls, showing how to assign functions to physical buttons.

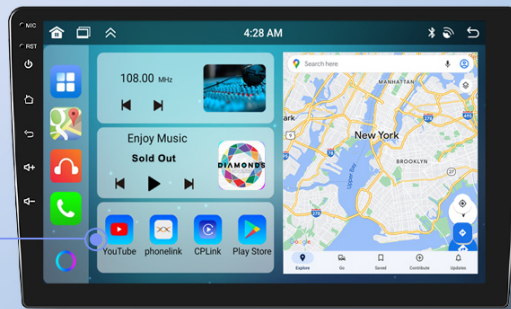
5.7. Backup Camera

When properly installed, the included HD backup camera automatically displays the rear view on the stereo screen when the vehicle is shifted into reverse, aiding in safe parking and maneuvering.

Customizable Homepage and Wallpaper



Long Press to Switch APP



59 UI Desktop Themes



19 wallpapers & support customized wallpapers

Image 5.7: The car stereo displaying the wide-angle, high-definition view from the backup camera, complete with parking guidelines.

5.8. Voice Assistant & Customization

Utilize Siri or Google Voice Assistant through CarPlay/Android Auto for hands-free control. The system also allows for extensive customization of the homepage and wallpapers.

- **Voice Assistant:** Activate by pressing the voice command button on your steering wheel (if configured) or through the CarPlay/Android Auto interface.
- **Customization:** Long-press on the home screen to access options for changing wallpapers or rearranging app icons.



Image 5.8: The car stereo demonstrating integration with Siri and Google Voice Assistant for hands-free control of various functions.



Image 5.9: The car stereo's interface showing options for customizing the homepage layout and selecting from various wallpapers.

6. MAINTENANCE

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

- **Screen Cleaning:** Use a soft, lint-free cloth specifically designed for electronics screens. Do not use abrasive cleaners or solvents. Gently wipe the screen to remove dust and fingerprints.
- **General Cleaning:** Use a soft, dry cloth to wipe the unit's exterior. Avoid spraying liquids directly onto the unit.
- **Software Updates:** Periodically check for available software updates through the system settings or the manufacturer's website to ensure you have the latest features and bug fixes.
- **Temperature:** Avoid exposing the unit to extreme temperatures for extended periods.

7. TROUBLESHOOTING

If you encounter issues with your car stereo, refer to the following common problems and solutions before contacting support.

| Problem | Possible Solution |
|-------------------------|----------------------------------------------------------------------------------|
| Unit does not power on. | Check power connections and vehicle's fuse box. Ensure the battery is connected. |

| Problem | Possible Solution |
|-----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| No sound from speakers. | Verify speaker wiring connections. Check volume levels and audio output settings. Ensure the mute function is not active. |
| GPS signal is weak or inaccurate. | Ensure the GPS antenna has a clear view of the sky. Check antenna connection. Try moving the antenna to a different location. |
| Bluetooth device cannot connect. | Ensure Bluetooth is enabled on both the stereo and your device. Delete previous pairings and try pairing again. Ensure your device is discoverable. |
| CarPlay/Android Auto not working. | Ensure your phone's operating system is up to date. Check USB cable connection (if wired). Verify Wi-Fi and Bluetooth connections (if wireless). Restart both the stereo and your phone. |
| Steering wheel controls not responding. | Check the wiring connection for SWC. Re-enter the steering wheel control learning interface in settings and reprogram the buttons. |

For persistent issues, please refer to the detailed troubleshooting section in the full user manual or contact customer support.

8. SPECIFICATIONS

Detailed technical specifications for your METEESER Car Stereo.

- **Model Name:** Android 13.0 Car Radio for Toyota RAV4 2001 2002 2003 2004 2005 2006
- **Operating System:** Android 13.0
- **Processor:** 8-Core
- **RAM:** 6GB
- **ROM:** 128GB
- **Screen Size:** 9 Inches
- **Display Type:** IPS Touchscreen
- **Resolution:** 1280 x 720P
- **Wireless Connectivity:** Wi-Fi, Bluetooth 5.0
- **Wired Connectivity:** USB
- **Audio Features:** 32-band DSP, APE/FLAC/WAV/MP3/WMA audio output modes
- **Navigation:** Built-in GPS, supports online/offline maps
- **Special Features:** Wireless CarPlay, Android Auto, Steering Wheel Control (SWC), Mirror Link (iOS/Android), HD Rear View Camera support, FM/RDS Radio, External Mic support, Subwoofer output
- **Product Dimensions:** 12.2 x 7.99 x 1.57 inches
- **Item Weight:** 3.61 pounds

9. WARRANTY AND SUPPORT

Your METEESER Car Stereo comes with a standard manufacturer's warranty. Please refer to the warranty card included in your package for specific terms and conditions. For technical assistance, troubleshooting, or warranty claims, please contact METEESER Tech customer support.

9.1. Contacting Support

You can typically reach customer support through the platform where you purchased the product. Look for the seller's name, 'METEESER Tech', and an option to 'Ask a question'.



Image 9.1: A visual guide demonstrating how to locate and use the 'Ask a question' feature to contact METEESER Tech customer support.