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> Fortdows 10.2 Inch Android Car Radio Stereo for Toyota RAV4 2013-2018 User Manual

Fortdows B0F4X6T37S

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Model: B0F4X6T37S

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Fortdows 10.2 Inch Android Car Radio Stereo. Please read this manual thoroughly before using the product to ensure proper functionality and safety. This unit is designed for Toyota RAV4 models from 2013 to 2018.



Image: The Fortdows 10.2 inch Android Car Radio Stereo seamlessly integrated into a Toyota RAV4 dashboard, contrasting with the original factory radio.

2. SAFETY INFORMATION

- Ensure the vehicle's engine is off and the parking brake is engaged before installation.
- Disconnect the vehicle's battery before beginning any electrical work to prevent short circuits.
- Consult a professional if you are unsure about any installation steps.
- Do not operate the device in a manner that distracts you from driving.
- Keep the device away from water and extreme temperatures.
- Use only specified accessories and parts.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- Fortdows 10.2 Inch Android Car Radio Stereo Unit
- Power Cable
- RCA Cable
- Microphone
- 6Pin USB Cable
- 4Pin USB Cable
- 4G Antenna (Note: 2G configuration without 4G antenna)
- GPS Antenna
- Camera Extension Cables
- CANBUS Decoder (if applicable for your vehicle model)
- 8-PIN Connector (for Canbus)
- User Manual (this document)
- Mounting Brackets and Screws
- Backup Camera (Waterproof 1080P)

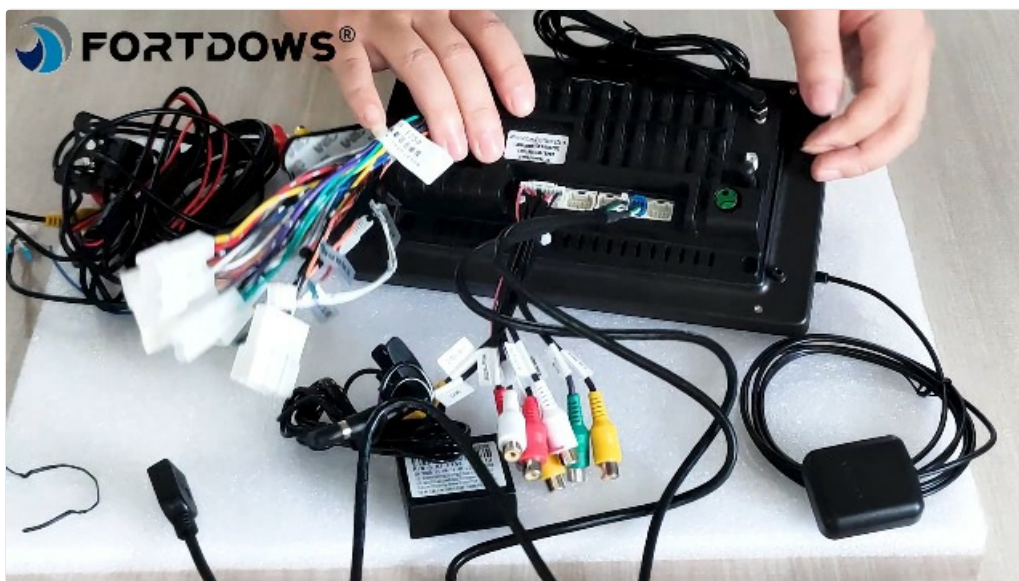


Image: All components of the Fortdows Car Radio Stereo, including the main unit, various cables (power, RCA, USB), microphone, antennas (4G, GPS), and CANBUS decoder, laid out for inspection.

4. SETUP & INSTALLATION

Proper installation is crucial for optimal performance. Follow these steps carefully. For visual guidance, refer to the installation

video below.

4.1 Compatibility Check

This unit is compatible with Toyota RAV4 models from 2013 to 2018. Ensure your vehicle's dashboard matches the compatible configurations shown in the image below. Note that models with JBL audio systems or right-hand drive vehicles may require specific adapters or may not be compatible.



Image: Various Toyota RAV4 dashboard configurations from 2013-2018, indicating which are compatible ("Fit") and which are not ("No

Fit"), specifically highlighting JBL and right-hand drive models as incompatible.

4.2 Wiring Connections

Connect the cables to the corresponding ports on the head unit. Ensure all connections are secure.

1. Connect the main Power Cable harness to the unit and the vehicle's wiring.
2. Attach the RCA Cable for audio/video inputs and outputs.
3. Connect the Microphone for hands-free calling and voice commands.
4. Plug in the 6Pin and 4Pin USB Cables for external device connectivity.
5. Connect the 4G Antenna (if your unit supports 4G and is not a 2G configuration).
6. Connect the GPS Antenna for navigation functionality.
7. Connect the Camera Extension Cables for the backup camera.
8. If your vehicle requires it, connect the CANBUS decoder and its 8-PIN connector to integrate with vehicle features like steering wheel controls.

4.3 Installation Video Guide

Watch this video for a step-by-step visual guide on installing the car radio.

Your browser does not support the video tag.

Video: A detailed guide demonstrating the installation process of the Fortdows Car Radio Stereo, including wiring and mounting.

5. OPERATING INSTRUCTIONS

This section covers the main functions and how to operate your new car stereo.

5.1 Android System Overview

The unit runs on an Android 13 system with 4GB RAM and 64GB ROM, providing a responsive and customizable interface. You can download various applications from the Play Store.

FM RDS Radio



EQ

Audio Adjustments to Suit Your Music Preferences.

Image: Visual representation of the Android 13 operating system, highlighting its 4-core processor, 4GB RAM, and 64GB ROM for enhanced performance.

5.2 Wireless Carplay & Android Auto

Connect your smartphone wirelessly via Carplay or Android Auto for seamless integration of navigation, music, calls, and messages. This feature supports both wired and wireless connections.



Image: The car stereo screen showing the interface for Wireless Carplay and Android Auto, with icons for phone, music, maps, messages, and voice assistants like Siri and Google Assistant.

5.3 GPS Navigation

The unit includes a built-in GPS module and an external GPS antenna. It comes with preloaded offline map data for North America and South America. Online navigation applications are also supported via WiFi.



Image: The GPS navigation screen displaying map data with route information and options for online and offline use.

5.4 5G WiFi & Hotspot

Connect to 5G WiFi networks or use your phone's hotspot to access online content, stream videos, and download apps from the Play Store.

Support Wireless Carplay Android Auto



Hi, Siri Call Tina



Hi Google Play



WIFI



Bluetooth



USB

Image: The car stereo display showing various applications like YouTube, TikTok, and other streaming services, indicating connectivity via 5G WiFi and hotspot functionality.

5.5 Bluetooth 5.0

Bluetooth 5.0 enables hands-free calling, music streaming, and automatic phonebook synchronization. Pair your device through the Bluetooth settings menu.

5G WIFI & Hotspot



Image: The Bluetooth 5.0 interface on the car stereo, showing screens for making calls and playing music wirelessly from a connected smartphone.

5.6 DSP Sound Settings

Utilize the Digital Sound Processor (DSP) to customize your audio experience. Adjust EQ settings (e.g., Folk, Rock, Classic, Jazz), sound field, surround sound, bass enhancement, and sound filters to match your preferences.

Steering Wheel Controls



Image: The DSP sound settings screen, displaying an equalizer, sound field adjustments, and options for stereo sound enhancement and bass enhancement.

5.7 FM/AM Radio

The built-in FM/AM RDS tuner allows you to listen to your favorite radio stations. You can save preset stations for quick access.



Image: The FM radio interface on the car stereo, showing current frequency and preset station options.

5.8 Split Screen & Mirror Link

The split-screen function allows you to run two applications simultaneously, such as navigation and music. Mirror Link projects your smartphone screen onto the car stereo display, supporting both wired (USB) and wireless (WiFi) connections.



Image: The car stereo screen demonstrating the split-screen feature, showing navigation on one side and a media player on the other. Also, a separate image shows a smartphone screen mirrored onto the car stereo.

5.9 Steering Wheel Controls

The unit integrates with your vehicle's original steering wheel controls, allowing you to manage audio and other functions safely without taking your hands off the wheel.

Bluetooth 5.0

Bluetooth hands-free call, music playback, automatic loading of the phone book.



Image: The car stereo screen showing the interface for configuring and using steering wheel controls, with icons for call, volume, and track control.

5.10 Backup Camera

The included 1080P waterproof backup camera provides a 170° wide viewing angle and night vision, enhancing safety during reversing maneuvers.



Image: The car stereo screen displaying the view from the backup camera, showing parking guidelines and a wide-angle perspective of the area behind the vehicle.

5.11 Product Features Overview Video

This video provides a general overview of the car radio's features and user interface.

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Video: An overview of the Fortdows car radio's main features, including WiFi connection, Bluetooth 5.0, Carplay, DSP sound settings, FM/AM radio, split screen, and GPS navigation.

6. SPECIFICATIONS

Feature	Detail
Brand	Fortdows
Model Name	Fortdows Car Radio Stereo
Screen Size	10.2 Inches
Display Type	LCD, Capacitive Touch Screen
Resolution	1280 * 800 HD
Operating System	Android 13
Memory Storage Capacity	64 GB ROM, 4 GB RAM
Connectivity Technology	Bluetooth 5.0, USB, Wireless (5G WiFi)
Special Features	Wireless Carplay, Android Auto, 1080P Backup Camera, GPS Navigation, DSP Sound, FM/AM RDS, Split Screen, Mirror Link, Steering Wheel Control
Map Type	North America, South America (Offline data preloaded)
Audio Output Mode	Stereo

Feature	Detail
Control Method	Touch, Voice
Compatible Devices	Smartphone, iPhone
Vehicle Service Type	Car (Toyota RAV4 2013-2018)

7. TROUBLESHOOTING

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

- **No Power:** Check all power connections. Ensure the vehicle's battery is connected and charged. Verify fuses.
- **No Sound:** Check speaker connections. Ensure volume is not muted or too low. Verify DSP settings.
- **GPS Not Working:** Ensure the GPS antenna is properly connected and has a clear view of the sky. Check GPS settings in the unit.
- **Bluetooth Connection Issues:** Ensure Bluetooth is enabled on both the unit and your smartphone. Try unpairing and re-pairing the devices.
- **Carplay/Android Auto Not Connecting:** Verify USB cable connection (if wired) or WiFi connection (if wireless). Ensure your phone's operating system is up to date.
- **Backup Camera Not Displaying:** Check the camera's power and signal connections. Ensure the reverse gear is engaged.
- **Unit is Slow/Unresponsive:** Close unnecessary background applications. Clear cache if possible. Consider a factory reset if the issue persists (note: this will erase all data).

8. WARRANTY & SUPPORT

Your Fortdows Car Radio Stereo is covered by a standard manufacturer's warranty. For specific warranty terms and conditions, please refer to the documentation included with your purchase or contact Fortdows customer support. For technical assistance, troubleshooting beyond this manual, or warranty claims, please contact Fortdows customer service through the retailer where you purchased the product or visit the official Fortdows website for support contact information. Protection plans are available for purchase separately, offering extended coverage for 2 or 3 years, or a monthly complete protect plan. Refer to your purchase details for more information on these options.

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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

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