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› Fortdows Car Stereo Radio User Manual for Toyota RAV4 (2013-2018)

Fortdows Fortdows 2+32G Car Stereo for Toyota RAV4 (2013-2018)

Fortdows Car Stereo Radio User Manual

For Toyota RAV4 2013-2018 Models

1. PRODUCT OVERVIEW

This manual provides detailed instructions for the installation, operation, and maintenance of your Fortdows 2+32G Car Stereo Radio, designed specifically for Toyota RAV4 models manufactured between 2013 and 2018. This unit enhances your driving experience with advanced features such as wireless CarPlay, Android Auto, GPS navigation, and superior sound quality.



Image: The Fortdows Car Stereo Radio unit, showcasing its large display and user interface, alongside a backup camera and a smartphone, illustrating its comprehensive features.

Key Features:

- **Wireless CarPlay & Android Auto:** Seamless integration with your smartphone for navigation, music, calls, and messages.
- **High-Resolution IPS Touchscreen:** 10-inch 1280x800 resolution display for vivid and detailed visuals.
- **Powerful Performance:** Equipped with a quad-core processor, 2GB RAM, and 32GB ROM for smooth operation and ample storage.
- **Enhanced Sound Quality:** Built-in DSP (Digital Signal Processor) chip with 6 sound settings for customizable audio.
- **Integrated Connectivity:** Bluetooth 5.0 for hands-free calls and music, WiFi for online maps and app downloads, USB, and AUX input.
- **Safety Features:** FM Radio and Rear Camera integration for improved driving safety and convenience.
- **Steering Wheel Control (SWC):** Supports direct control from your vehicle's steering wheel for safe operation.

2. PACKAGE CONTENTS

Before beginning installation, please verify that all components are present in the package:

- Fortdows Car Stereo Head Unit
- 2*USB Cables
- Backup Camera
- Power Cable
- RCA Cable
- GPS Module
- Reversing Line
- Crowbar (for trim removal)
- Optional: JBL adapter harness (for Toyota RAV4 with JBL sound system)



Image: Visual representation of the car stereo unit with its dimensions and a clear display of all standard accessories included in the package.

3. INSTALLATION GUIDE

Installation of the Fortdows Car Stereo is designed to be plug-and-play for compatible Toyota RAV4 models. Professional installation is recommended if you are unfamiliar with car audio systems.

3.1. Compatibility

This car stereo is compatible with Toyota RAV4 RAV 4 models from 2013, 2014, 2015, 2016, 2017, and 2018. A JBL adapter harness is available as an optional accessory for vehicles equipped with the JBL sound system.

3.2. General Steps

1. **Preparation:** Ensure the vehicle's ignition is off and disconnect the negative terminal of the car battery to prevent electrical shorts.
2. **Remove Old Unit:** Carefully remove the existing factory radio and dashboard trim using the provided crowbar or appropriate tools. You may need to swap over factory center vents to the new radio dash panel.
3. **Connect Wiring:** Connect the new power cable, RCA cable, GPS module, and reversing line to the corresponding ports on the Fortdows unit and the vehicle's wiring harness. All connections are designed to be plug-and-play.
4. **Install Backup Camera:** If installing the included backup camera, route its cable to the rear of the vehicle and connect it to the reversing line input on the head unit.
5. **Test Connections:** Before fully securing the unit, reconnect the car battery and briefly turn on the ignition to test basic functions (power, audio, display, backup camera).
6. **Secure Unit:** Once confirmed working, carefully mount the new head unit into the dashboard opening and reattach all trim pieces.

For Toyota RAV4 2013-2018



Image: A visual comparison demonstrating the aesthetic and functional upgrade achieved by installing the Fortdows car stereo in a Toyota RAV4 dashboard.

4. BASIC OPERATION

4.1. Power On/Off

The unit will typically power on automatically with the vehicle's ignition. To manually power off or on, locate the power button on the unit's interface.

4.2. Main Interface

The main interface provides access to all primary functions and applications. Navigate by tapping icons on the touchscreen. Swipe gestures may be supported for additional screens or menus.

4.3. Wireless CarPlay & Android Auto

To use Wireless CarPlay or Android Auto:

1. Ensure Bluetooth is enabled on your smartphone and the car stereo.
2. On the car stereo, navigate to the CarPlay/Android Auto application.
3. Follow the on-screen prompts to pair your smartphone via Bluetooth.
4. Once paired, the system will automatically connect for wireless CarPlay or Android Auto functionality.

This allows voice control for GPS navigation, music playback, phone calls, and messages, enhancing driving safety.

Wireless Carplay & Android Auto



Apple Carplay



Android Auto



Image: Demonstrates the user interfaces of Wireless CarPlay and Android Auto as they appear on the Fortdows car stereo screen.

4.4. Bluetooth Connectivity

The unit features Bluetooth 5.0 for hands-free calling, phone book download, and music streaming.

- **Pairing:** Go to the Bluetooth settings on the stereo, enable Bluetooth, and search for available devices on your phone. Select the stereo's name to pair.

- **Hands-Free Calling:** Once paired, you can make and receive calls directly through the stereo.
- **Music Playback:** Stream audio from your paired device to the car stereo.



Image: Illustrates the Bluetooth functionality for music and calls, and the FM radio interface on the car stereo.

4.5. FM Radio

Access the FM Radio application to tune into local stations. The unit supports FM frequencies from 87.5-108MHz and

features electronic digital tuning with automatic scanning.

4.6. DSP Sound Settings

Utilize the built-in DSP sound effect processing chip to customize your audio experience. Access the sound settings menu to adjust:

- Smart Bass
- Balance
- Emperor
- 42-band EQ
- Loudness
- Filter

These settings allow you to optimize sound for different positions and preferences, supporting 5.1 channels.

DSP Sound

The highest quality sound algorithms have been employed to create a more comprehensive audio output to satisfy users seeking higher sound quality.



We have adopted the highest quality sound effect algorithm to create a more comprehensive audio output, support 5.1 channels, and satisfy users who pursue higher audio

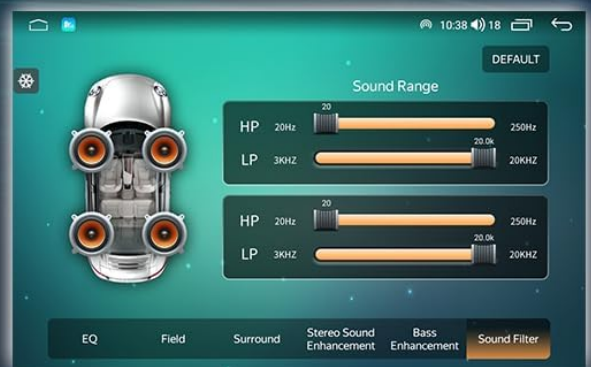


Image: Displays the comprehensive DSP sound adjustment options available on the car stereo, allowing users to fine-tune their audio output.

4.7. GPS Navigation & WiFi

The unit supports online maps when connected to WiFi. Connect to a mobile hotspot or a local WiFi network to enable GPS navigation and download desired applications from the app store.

4.8. Mirror Link

Mirror Link allows you to cast your smartphone's screen to the car stereo display, providing a larger view for content like videos or navigation.

4.9. Rear Camera Integration

The system automatically displays the rear camera view when the vehicle is shifted into reverse, providing a clear view for safer parking and reversing.

4.10. Steering Wheel Control (SWC)

This feature allows you to control the stereo's functions directly from your vehicle's steering wheel, minimizing distractions and enhancing safety. Configuration may be required in the system settings to map your vehicle's steering wheel buttons to the stereo's functions.

5. MAINTENANCE

To ensure the longevity and optimal performance of your Fortdows Car Stereo, follow these general maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the screen and exterior. For stubborn smudges, a slightly damp, lint-free cloth can be used. Avoid abrasive cleaners or solvents.
- **Temperature:** Avoid exposing the unit to extreme temperatures (very hot or very cold) for extended periods, as this can affect electronic components and the display.
- **Ventilation:** Ensure that the unit's ventilation openings are not blocked to prevent overheating.
- **Software Updates:** Periodically check for available software updates from Fortdows to ensure the system runs efficiently and has the latest features.

6. TROUBLESHOOTING

If you encounter issues with your Fortdows Car Stereo, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No power/Unit does not turn on	Loose power connection; Blown fuse; Vehicle battery issue.	Check all power cable connections. Inspect vehicle fuses and replace if necessary. Ensure vehicle battery is charged.
No sound or distorted audio	Loose speaker wires; Incorrect audio settings; Volume too low or muted.	Verify speaker wire connections. Adjust DSP sound settings. Check volume level and mute status.
Volume control not working (physical buttons)	Wiring issue; Software glitch.	Ensure all wiring harnesses are securely connected. Perform a system reset (refer to manual for specific reset procedure). If issue persists, contact support.

Problem	Possible Cause	Solution
System lag or slow response	Too many background applications; Limited RAM/Processor capacity.	Close unnecessary applications running in the background. Clear cache if possible. Note that some lag may be inherent due to hardware specifications (e.g., 2GB RAM, quad-core processor).
Backup camera not displaying	Incorrect wiring; Camera malfunction; System setting.	Check the reversing line and camera connections. Ensure the vehicle is in reverse. Verify camera settings in the system menu.
Wireless CarPlay/Android Auto not connecting	Bluetooth not enabled; Incorrect pairing; Software issue.	Ensure Bluetooth is on for both devices. Delete previous pairings and re-pair. Restart both phone and stereo.
Cannot change home screen/theme	Feature limitation.	This model may not support custom home screen themes. This is a design characteristic.

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

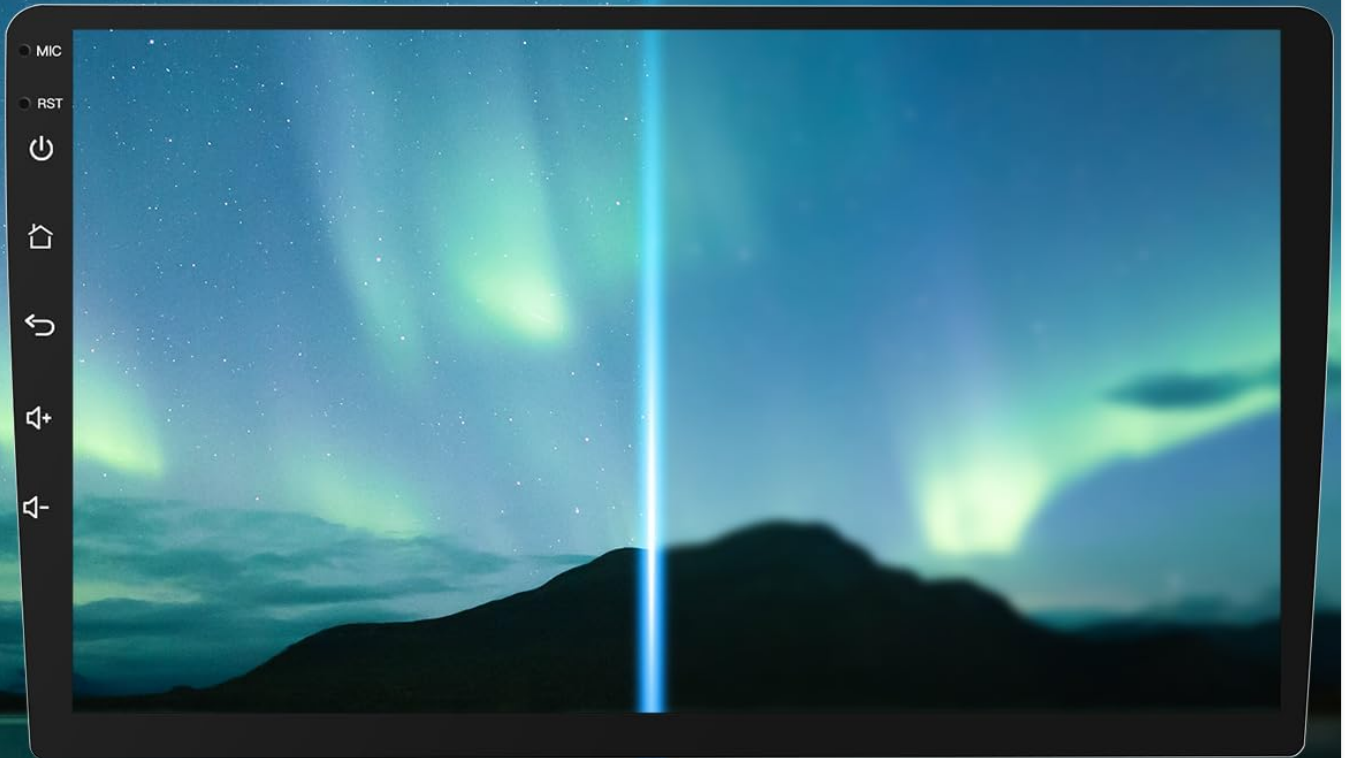
7. SPECIFICATIONS

Detailed technical specifications for the Fortdows Car Stereo Radio:

Feature	Specification
Model	Fortdows 2+32G Car Stereo for Toyota RAV4 (2013-2018)
Operating System	Android
RAM	2GB
ROM (Storage)	32GB
Display Size	10 Inches
Display Resolution	1280x800 IPS
Processor	Quad-core
Connectivity Technology	Bluetooth 5.0, USB, Wi-Fi
Audio Output Mode	Stereo (4 Channels)
Special Features	Touchscreen, Wireless CarPlay, Android Auto, Mirror Link, Built-in DSP, GPS Navigation, FM Radio, Rear Camera Support, Steering Wheel Control
Compatible Devices	Smartphone, Speaker
Item Weight	3.74 pounds (approx. 1.7 kg)
Package Dimensions	19.45 x 8.19 x 4.8 inches

QLED IPS 1280*800 screen

Upgraded 1280*800 screen, more colorful, more high-definition picture, details to see more clearly



1280*800P Resolution

Our screens

1280*720P

Other screens



1280*800
Resolution



HD
video playback



178°
viewing angles



OLED
Touch Screen

Image: Illustrates the superior clarity and detail of the 1280x800 IPS screen compared to lower resolution displays.

Upgraded 4-core processor

Built-in 2G operating memory and 32G storage, more storage space, more stable and more durable operation.



RAM 2G + ROM 32G

The overall performance of the hardware determines the smoothness of the product. Larger memory can achieve faster running speed

Image: Highlights the internal components, specifically the 4-core processor and memory configuration (2GB RAM + 32GB ROM), which contribute to the unit's performance.

8. WARRANTY & SUPPORT

8.1. Warranty Information

The Fortdows Car Stereo Radio comes with a **1-Year Warranty** from the date of purchase. Additionally, a **7-Day Return Policy** is offered, and returns are accepted for defects.

8.2. Customer Support

For any inquiries, technical assistance, or warranty claims, please contact Fortdows customer support:

- **Email:** fortdows.cam@gmail.com
- **Website:** www.fancygod.com

Please provide your product model and purchase details when contacting support to facilitate a quicker resolution.

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