

Fortdows 8CORD 4GB RAM+32GB ROM

Fortdows 8-Core Android 13 Car Stereo Instruction Manual

Model: 8CORD 4GB RAM+32GB ROM | Brand: Fortdows

[Introduction](#)

[Safety Information](#)

[Package Contents](#)

[Installation](#)

[Operation](#)

[Vehicle](#)

[Personalization](#)

[Specifications](#)

[Troubleshooting](#)

[Maintenance](#)

[Warranty & Support](#)

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Fortdows 8-Core Android 13 Car Stereo. This unit is specifically designed for Toyota RAV4 models from 2013 to 2018, offering advanced features such as a 10.1-inch touchscreen, Wireless CarPlay, Android Auto, GPS navigation, 5G WiFi, DSP sound processing, and backup camera support. Please read this manual thoroughly before use to ensure proper functionality and safety.

2. SAFETY INFORMATION

- **Professional Installation Recommended:** Due to the complexity of car electrical systems, professional installation is highly recommended to prevent damage to the unit or vehicle.
- **Power Disconnection:** Always disconnect the vehicle's battery before beginning any installation or maintenance to avoid electrical shock or short circuits.
- **Wiring:** Ensure all wiring connections are secure and correctly matched according to the provided wiring diagrams. Improper connections can cause malfunctions or damage.
- **Driving Safety:** Do not operate the unit's advanced features or watch videos while driving. Distracted driving can lead to accidents.
- **Temperature Extremes:** Avoid exposing the unit to extreme temperatures or direct sunlight for prolonged periods, as this may affect performance and lifespan.
- **Liquid Contact:** Keep the unit away from liquids. In case of accidental liquid contact, immediately power off the unit and consult a professional.

3. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- Fortdows 10.1" Android 13 Car Stereo Head Unit
- Power Cable (Plug and Play)
- Original USB Cable
- USB Cable * 2
- RCA Cable
- GPS Antenna
- Backup Camera (1080P, Waterproof)
- Reversing Line
- Crowbar (for trim removal)
- External Microphone
- CanBus Decoder
- 4G Antenna



Image: All components included in the Fortdows car stereo package.

4. INSTALLATION

This section outlines the general steps for installing your Fortdows car stereo. Specific vehicle trim removal and wiring may vary. Refer to your vehicle's service manual or consult a professional installer if unsure.

4.1. Pre-Installation Checklist

- Ensure the vehicle's battery is disconnected.

- Gather necessary tools (e.g., trim removal tools, screwdrivers, wire cutters/strippers).
- Confirm compatibility with your Toyota RAV4 (2013-2018). Note: A JBL adapter harness is available separately for vehicles with JBL sound systems.

4.2. Wiring Connections

Follow these steps to connect the main components to the head unit:

1. **USB Cables:** Connect the 6-pin and 4-pin USB cables to their respective ports on the back of the head unit. These ports are typically labeled.
2. **Rear Camera Signal Wire:** Connect the 10-pin reversing video input interface for the backup camera.
3. **4G Antenna:** Connect the 4G antenna to the designated port.
4. **GPS Antenna:** Connect the GPS antenna to its dedicated port.
5. **Radio Antenna:** Connect the factory radio antenna to the ANT port on the head unit.
6. **Power Cable:** Connect the main power cable (plug and play harness) to the 16-pin power port on the head unit. Ensure all connections are firm.

Your browser does not support the video tag.

Video: Detailed guide on connecting the various cables and antennas to the Fortdows car stereo head unit.

4.3. Mounting the Head Unit

After all connections are made, carefully mount the head unit into the dashboard opening. Ensure no wires are pinched and the unit is securely fastened. Reassemble the dashboard trim panels.

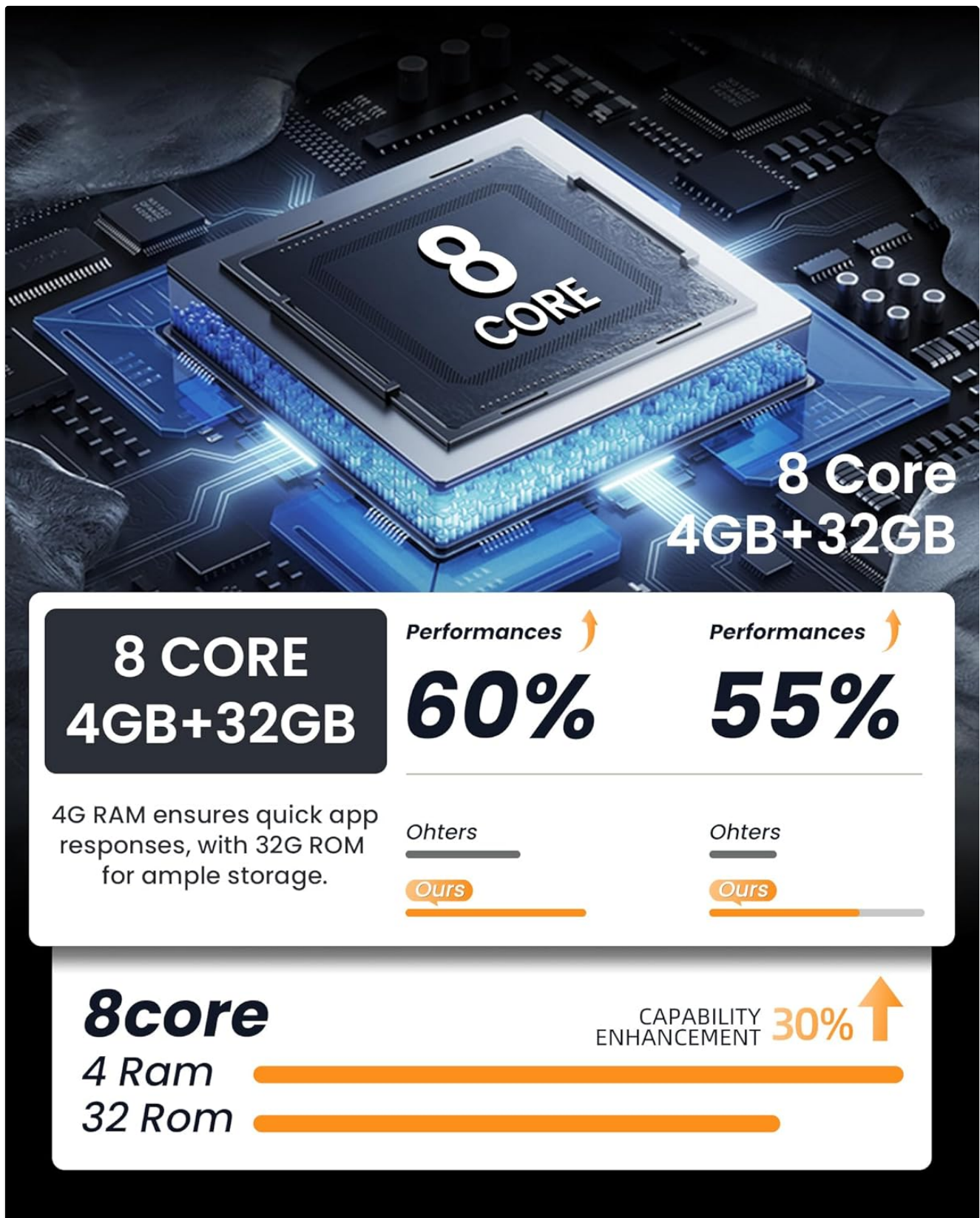


Image: The Fortdows car stereo seamlessly integrated into a Toyota RAV4 dashboard.

5. OPERATING INSTRUCTIONS

Your Fortdows car stereo runs on Android 13, providing a user-friendly interface and access to numerous features.

5.1. Powering On/Off

The unit powers on automatically with the vehicle's ignition. To manually power off or restart, use the power button on the side panel or within the software interface.

5.2. Wireless CarPlay & Android Auto

Connect your smartphone wirelessly to access navigation, make calls, send messages, and enjoy music through the large touchscreen. The unit supports both Apple CarPlay and Android Auto for seamless integration.



Image: Apple CarPlay and Android Auto interfaces displayed on the Fortdows car stereo.

5.3. GPS Navigation & 5G WiFi

The built-in GPS module and external antenna provide accurate navigation. Offline maps are preloaded, and online navigation apps can be downloaded via the 5G WiFi connection. Connect to a mobile hotspot for internet access.



Image: GPS navigation in action on the Fortdows car stereo.

5.4. DSP Sound Quality

Utilize the Digital Signal Processor (DSP) with 36 EQ settings to customize your audio experience. Adjust bass, treble, and other sound parameters to your preference.

1280*800P IPS Touchscreen

Provides clear image and text display with more accurate color representation.

Others 1280*720P



Ours 1280*800P



VS

Image: DSP sound settings interface for audio customization.

5.5. Backup Camera

The included 1080P waterproof backup camera provides a 170° viewing angle, automatically displaying the rear view when reversing. This enhances safety by eliminating blind spots.

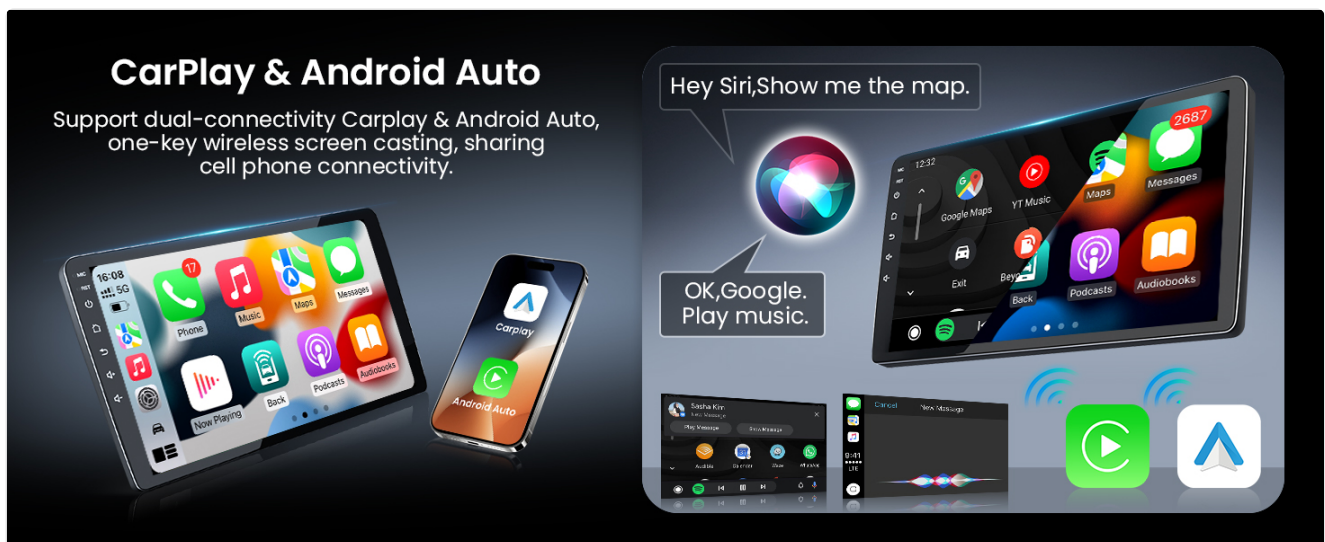


Image: Rear view camera display on the Fortdows car stereo.

5.6. Split Screen & Mirror Link

The split-screen function allows simultaneous display of two applications, such as navigation and music. Mirror Link projects your smartphone screen onto the car stereo, providing a unified experience.



Image: Split-screen functionality on the Fortdows car stereo.

5.7. Steering Wheel Controls

The unit integrates with your vehicle's original steering wheel controls, allowing safe and convenient operation of audio and other functions without diverting attention from the road.



Image: Steering wheel controls for the Fortdows car stereo.

6. VEHICLE PERSONALIZATION

The Fortdows car stereo allows access to and customization of various vehicle settings that may not be accessible through the factory unit. These settings can include:

- **Automatic Door Locking:** Adjust settings for doors to lock automatically based on speed or when shifting from park.
- **Automatic Door Unlocking:** Configure doors to unlock automatically when shifting to park or with a remote 2-press unlock.
- **Lock/Unlock Feedback Tone:** Customize the audible feedback for locking and unlocking actions.
- **Driver Door Linkage:** Adjust settings related to the driver's door locking/unlocking behavior.
- **Key System with Electronic Key:** Manage settings for the electronic key system.

Navigate to the "Vehicle Settings" or "Vehicle Personalization" menu on the head unit to access and modify these

options. Refer to the on-screen prompts for specific adjustments.

7. SPECIFICATIONS

Feature	Detail
Model	8CORD 4GB RAM+32GB ROM
Operating System	Android 13
Display Size	10.1 Inches
Resolution	1280 * 800 HD IPS Touchscreen
Processor	8 Core
RAM	4GB
Internal Storage	32GB
Connectivity	Bluetooth 5.0, 5G WiFi, USB, Wireless
Special Features	Wireless CarPlay, Android Auto, GPS Navigation, DSP Sound, 1080P Backup Camera, Split Screen, Mirror Link, Steering Wheel Control
Mounting Type	Dashboard Mount
Vehicle Service Type	Car (Toyota RAV4 2013-2018)
Item Weight	4.33 pounds
Package Dimensions	19.37 x 8.31 x 5 inches

8. TROUBLESHOOTING

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

- **Unit Not Powering On:**
 - Check all power cable connections.
 - Verify vehicle fuses related to the stereo and power supply.
 - Ensure the vehicle battery is properly connected and charged.
- **No Sound/Poor Audio Quality:**
 - Check speaker wiring connections.
 - Adjust DSP/EQ settings in the unit's audio menu.
 - Ensure volume is not muted or set too low.
- **Backup Camera Not Displaying:**

- Verify the 10-pin reversing video input interface is securely connected.
 - Check the camera's power supply and video signal cable.
 - Access vehicle settings on the unit to ensure the correct camera type (e.g., NTSC) is selected.
- **CarPlay/Android Auto Connection Issues:**
 - Ensure Bluetooth and WiFi are enabled on your smartphone and the car stereo.
 - Restart both the car stereo and your smartphone.
 - Try reconnecting the device.
 - **GPS Signal Weak/Inaccurate:**
 - Ensure the GPS antenna is properly installed and has a clear view of the sky.
 - Check the GPS antenna connection to the head unit.
 - **Screen Unresponsive:**
 - Perform a soft reset using the RST button (if available) or by powering off and on the unit.
 - Ensure the screen is clean and free from debris.

If these steps do not resolve the issue, please contact Fortdows customer support for further assistance.

9. MAINTENANCE

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

- **Screen Cleaning:** Use a soft, lint-free cloth to gently wipe the touchscreen. For stubborn smudges, slightly dampen the cloth with water or a screen-safe cleaner. Avoid harsh chemicals or abrasive materials.
- **Software Updates:** Periodically check for software updates provided by Fortdows to ensure you have the latest features and bug fixes. Follow the on-screen instructions for safe updating.
- **Environmental Care:** Protect the unit from extreme heat, cold, and direct prolonged sunlight. Avoid exposing it to excessive dust or moisture.
- **Cable Inspection:** Occasionally inspect all connected cables for any signs of wear, damage, or loose connections.

10. WARRANTY & SUPPORT

Fortdows products come with a **1-Year Warranty**. We also offer a **7-Day Return Policy** for defects. For any product defects or issues, please contact our customer support.

Customer Support:

Email: fortdows.cam@gmail.com

Website: www.fancygod.com

For additional protection, 2-Year and 3-Year Protection Plans are available for purchase separately.

