

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

[manuals.plus](#) /

› [Fortdows](#) /

› [Fortdows Android 13 Car Radio Instruction Manual for Dodge Ram 1500 2500 \(2013-2018\)](#)

Fortdows B0FGPJGP9

Fortdows Android 13 Car Radio Instruction Manual

Model: B0FGPJGP9 for Dodge Ram 1500 2500 (2013-2018)

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, maintenance, and troubleshooting of your Fortdows Android 13 Car Radio. This unit is specifically designed for Dodge Ram 1500 and 2500 models manufactured between 2013 and 2018, featuring manual AC controls. It integrates a 9-inch 1280x800 HD IPS touchscreen with advanced features such as wireless Carplay, Android Auto, Bluetooth 5.4, 5G WiFi, GPS navigation, and a 1080P backup camera.

2. SAFETY INFORMATION

- Read all instructions carefully before installation and use.
- Installation should be performed by a qualified professional to prevent damage to the vehicle or the unit.
- Do not operate the unit in a way that distracts you from driving. Always prioritize road safety.
- Ensure all wiring is correctly connected and secured to avoid short circuits or electrical hazards.
- Keep the unit away from water and excessive moisture.
- Do not attempt to repair the unit yourself. Refer to qualified service personnel.

3. PACKAGE CONTENTS

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

- 1 x Main Unit (Car Radio)
- 1 x Backup Camera
- 1 x Power Cable
- 1 x Crowbar (for trim removal)
- 2 x USB Cables
- 1 x GPS Antenna

- 1 x External Microphone (MIC)
- 1 x Camera Input Cable
- 1 x Canbus Decoder
- 1 x RCA Input/Output Cable
- 1 x Original USB Cable (vehicle specific)



Image 3.1: Included accessories and wiring kit.

4. SETUP AND INSTALLATION

This car radio is designed for a plug-and-play installation in Dodge Ram 1500 and 2500 models from 2013 to 2018 that are equipped with manual AC controls. No modifications to the original dashboard are typically required.

4.1 Compatibility Check

Before beginning installation, confirm your vehicle's dashboard matches the compatible configurations. This unit is designed for models with manual AC controls and specific dashboard layouts.



Image 4.1: Dashboard compatibility guide for Dodge Ram 1500/2500 (2013-2018).

4.2 Installation Steps (General Overview)

1. **Disconnect Battery:** Before starting, disconnect the vehicle's negative battery terminal to prevent electrical shorts.

2. **Remove Original Radio:** Carefully use the provided crowbar to remove the trim panels and then unmount the factory radio.
3. **Connect Wiring:** Connect the power cable, RCA cables, USB cables, GPS antenna, external microphone, and backup camera input to the new head unit. Ensure the Canbus decoder is correctly connected to integrate with vehicle systems.
4. **Test Connections:** Before fully reassembling, reconnect the battery and briefly test the unit's basic functions (power, audio, touchscreen response).
5. **Mount New Radio:** Secure the new Fortdows car radio into the dashboard opening.
6. **Reassemble Dashboard:** Reinstall all trim panels removed earlier.
7. **Final Testing:** Perform a comprehensive test of all features, including Carplay, Android Auto, Bluetooth, GPS, and the backup camera.

5. OPERATING INSTRUCTIONS

5.1 Power On/Off and Basic Navigation

Press the power button (usually located on the front panel or side) to turn the unit on or off. Navigate the Android 13 interface using the 9-inch IPS touchscreen. Swipe, tap, and use the on-screen buttons to access applications and settings.

5.2 CarPlay & Android Auto

The unit supports wireless Apple CarPlay and Android Auto. Connect your compatible smartphone wirelessly via Bluetooth and Wi-Fi. Once connected, your phone's interface will appear on the car radio display, allowing access to navigation, music, calls, and messages.

CarPlay & Android Auto

Navigation/music/phone calls

Apple

Android



Image 5.1: Wireless CarPlay and Android Auto interfaces.

5.3 Bluetooth Handsfree

Pair your mobile phone via Bluetooth 5.4 for hands-free calling and audio streaming. Access the Bluetooth settings on the unit, search for your phone, and pair using the provided PIN if prompted. You can use voice commands for functions like "play music" or "make a call" for safer driving.

5.4 5G WiFi Connectivity & GPS Navigation

Connect to a Wi-Fi hotspot (e.g., from your phone) using the built-in 5G Wi-Fi for internet access. This enables real-time GPS navigation, map updates, and access to online content. The unit comes with pre-installed North America maps.

5G WiFi

5G WiFi Function

5G-WiFi improves network performance and user experience. Solve your network latency problems.

Network speed

CAPABILITY ENHANCEMENT **30%** ↑

Ours

Others

Image 5.2: 5G WiFi function for enhanced network performance.

5.5 Backup Camera

When the vehicle is shifted into reverse, the display automatically switches to the 1080P backup camera feed, providing a 170° wide viewing angle for improved visibility and safety during parking and reversing maneuvers.

5.6 Display & Audio Settings

The 9-inch IPS display offers a 1280x800 HD resolution with wide viewing angles and an anti-glare coating. Access the audio settings to fine-tune your sound experience. The unit features FM EQ settings and 32-band equalizer presets (Jazz, Rock, Pop) to customize audio output.

PDS Sound 2

Professional EQ Sound

EQ technology for high quality sound effects

2.5ms 1ms
1.3ms 1.1ms

Upgraded radio

0ms 0ms
0ms 0ms

Ordinary radio

Rock Load Switch Default

10:37 18

10:38 18

10:38 18

Sound Range

HP 20Hz 250Hz
LP 30KHz 20KHz

HP 20Hz 250Hz
LP 30KHz 20KHz

EQ Field Surround Stereo Sound Enhancement Bass Enhancement Sound Filter

Image 5.3: Professional EQ sound settings interface.

1280*800P IPS Touchscreen

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

Others
1280*720P

Ours
1280*800P

VS



Clarity:

Ours 1280*800P

Others 1280*720P

1280*800P

Saturation:

Ours 85%

Others 35%



*Our product color clarity and saturation, more than competing products have superiority, the picture is clear and saturated colors, more comfortable to feel!

Image 5.4: 1280x800P IPS Touchscreen clarity and saturation.

5.7 Steering Wheel Controls

The unit supports integration with your vehicle's existing steering wheel controls. This allows you to manage audio playback, answer calls, and navigate menus without taking your hands off the steering wheel.

steering wheel controls

No need to divert your eyes, the center screen can be operated via the controls on the steering wheel.



Image 5.5: Steering wheel control functionality.

5.8 Split Screen Function

Utilize the split-screen feature to run two applications simultaneously, such as navigation on one side and music playback on the other, enhancing multitasking capabilities.

5.9 FM/AM/RDS Radio

Access the built-in FM/AM/RDS radio tuner to listen to your favorite stations. The RDS (Radio Data System) provides additional information such as station name and song title where available.

6. MAINTENANCE

- **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.
- **General Cleaning:** Keep the unit's exterior free from dust and debris. Use a soft, dry cloth.
- **Software Updates:** Periodically check for available software updates to ensure optimal performance and access to new features. Follow the on-screen instructions for any updates.

7. TROUBLESHOOTING

If you encounter issues with your Fortdows car radio, refer to the following common troubleshooting steps:

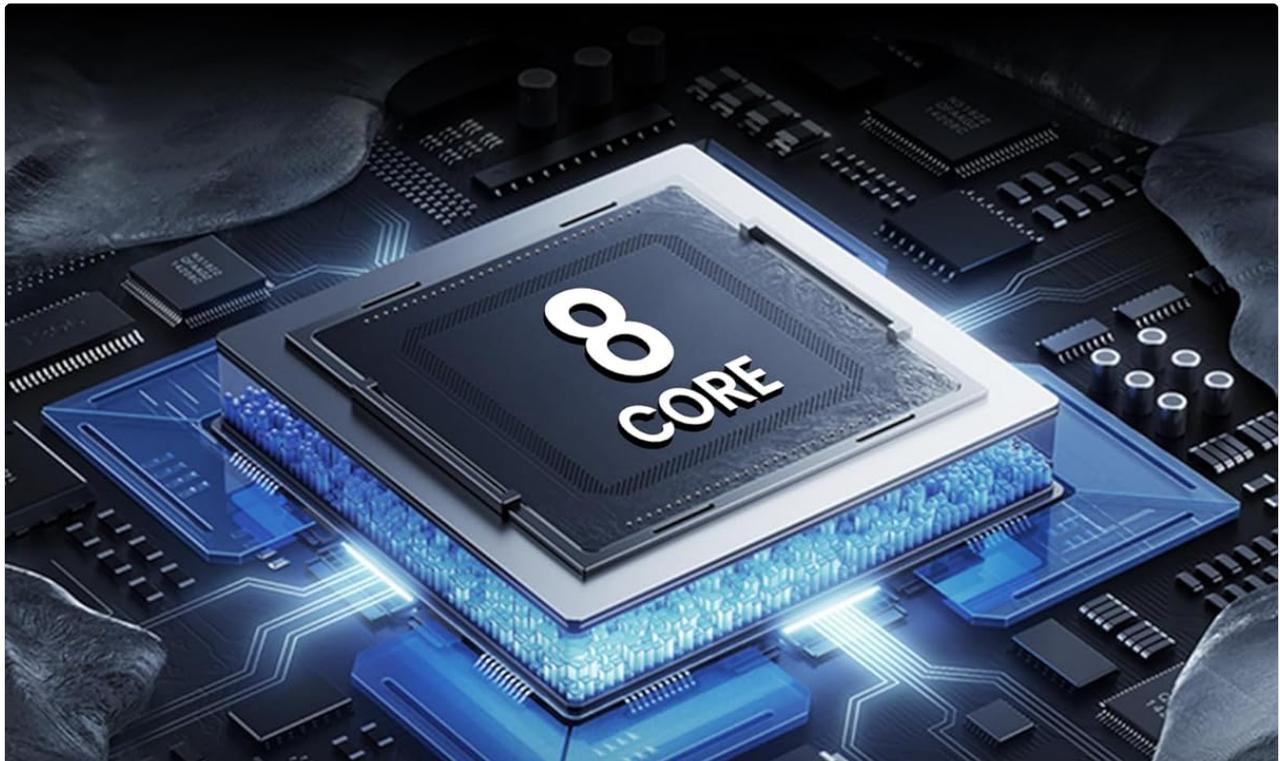
- **No Power:** Check all power connections. Ensure the vehicle's battery is charged and the ignition is on. Verify fuses are intact.
- **No Sound:** Check speaker connections. Ensure volume is not muted or set to zero. Verify audio settings and equalizer configurations.
- **Touchscreen Unresponsive:** Try restarting the unit. If the issue persists, a factory reset might be necessary (note: this will erase personal settings).
- **GPS Not Working:** Ensure the GPS antenna is properly connected and has a clear view of the sky. Check GPS settings for correct region and time zone.
- **Bluetooth/CarPlay/Android Auto Connection Issues:** Ensure Bluetooth and Wi-Fi are enabled on both the unit and your phone. Delete previous pairings and attempt to reconnect. Update phone's operating system if necessary.
- **Backup Camera Not Displaying:** Check the camera's power and video signal connections. Ensure the vehicle is in reverse.

For persistent issues, contact customer support.

8. SPECIFICATIONS

Operating System	Android 13
Processor	8-Core
RAM	2GB
Internal Storage (ROM)	32GB
Display Size	9 Inches
Display Resolution	1280 x 800 HD IPS Touchscreen
Connectivity	Wireless CarPlay, Android Auto, Bluetooth 5.4, 5G WiFi
GPS	Built-in, North America Map Type
Backup Camera	1080P AHD, 170° Viewing Angle, Waterproof

Audio Output Mode	Stereo, FM EQ settings, 32-band equalizer presets
Mounting Type	Panel Mount
Vehicle Service Type	Truck (Dodge Ram 1500 2500, 2013-2018)
Item Weight	4.33 pounds
Package Dimensions	12.6 x 11.38 x 4.96 inches



8 CORE
2GB+32GB

2G RAM ensures quick app responses, with 32G ROM for ample storage.

Performances 
60%



Performances 
55%



8core

2 Ram

32 Rom

CAPABILITY ENHANCEMENT **30%** 



9. WARRANTY INFORMATION

This Fortdows car radio unit comes with a **1-year warranty** from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use. It does not cover damage caused by improper installation, misuse, accidents, unauthorized repairs, or normal wear and tear. Please retain your proof of purchase for warranty claims.

10. CUSTOMER SUPPORT

If you require further assistance, have questions not covered in this manual, or need to make a warranty claim, please contact Fortdows customer support through the retailer where the product was purchased or visit the official Fortdows website for contact information.