Fortdows 717352568880

Fortdows 12.1-inch Android Car Radio Stereo Instruction Manual

For Ford F150 Models (2015-2020)

1. Introduction

This manual provides comprehensive instructions for the installation, operation, and maintenance of your new Fortdows 12.1-inch Android Car Radio Stereo. Please read this manual thoroughly before installation and use to ensure proper functionality and to maximize your experience. Keep this manual for future reference.

2. Product Overview

The Fortdows 12.1-inch Android Car Radio Stereo is an advanced infotainment system designed to enhance your driving experience. Key features include:

- **12.1-inch HD Touchscreen:** Provides clear visuals and responsive touch controls for easy access to applications and features.
- **High-Performance Processor:** Equipped with an 8-core processor, 4GB RAM, and 64GB ROM for smooth multitasking and ample storage.
- **Wireless Connectivity:** Supports Wireless CarPlay and Android Auto for seamless smartphone integration.
- **5G WiFi:** Enables fast internet access for streaming, downloads, and real-time updates.
- **Advanced Audio:** Features RDS High-Fidelity Sound with Digital Signal Processing (DSP) for customizable and immersive audio.
- **Steering Wheel Control (SWC) Compatibility:** Allows control of stereo functions directly from your vehicle's steering wheel.



Image: The Fortdows 12.1-inch Android Car Radio Stereo seamlessly integrated into a Ford F150 dashboard, displaying various application icons.

3. Compatibility

This car radio stereo is specifically designed for **Ford F150 models manufactured between 2015 and 2020**. It is engineered to fit seamlessly into the dashboard, matching the original vehicle style.

Important Note:

This car radio is **not compatible** with Ford F150 vehicles equipped with the original B&O audio system. Please check for a B&O logo on your door speakers to confirm compatibility before installation.



Image: A visual guide illustrating compatible and incompatible Ford F150 dashboard configurations, specifically noting the exclusion of B&O audio systems.

4. Package Contents

Please verify that all items listed below are included in your package:

- Main Head Unit (12.1-inch Android Car Radio Stereo)
- Power Cable
- Original USB Adapter
- GPS Antenna

- RCA Cable Set
- CanBus Decoder
- USB Cable (x2)
- Reversing Line
- Backup Camera
- External Microphone
- Crowbar (Installation Tool)
- 4G Antenna



Image: A visual representation of all components included in the product package, such as cables, antennas, and the main

head unit.

5. Setup and Installation

The Fortdows car radio is designed for a straightforward installation process in compatible Ford F150 models. However, professional installation is recommended if you are unfamiliar with car audio system wiring or vehicle electronics.

5.1 Pre-Installation Checks

- Ensure your vehicle is compatible (Ford F150 2015-2020, no B&O audio system).
- Disconnect the vehicle's battery before starting any electrical work.
- Verify all package contents are present.

5.2 Installation Steps (General Guide)

1. Carefully remove the original factory radio and trim panels using the provided crowbar tool.
2. Connect the main power cable harness from the new head unit to the vehicle's wiring. Ensure all connections are secure.
3. Connect the GPS antenna, 4G antenna, and external microphone to their respective ports on the head unit. Position the antennas for optimal signal reception.
4. If installing the backup camera, route the reversing line and camera cable to the rear of the vehicle and connect the camera.
5. Connect any additional accessories such as USB cables or RCA cables as needed.
6. Carefully mount the new head unit into the dashboard opening.
7. Reconnect the vehicle's battery.
8. Turn on the ignition and test all functions of the new car radio.
9. Reinstall all trim panels.

Refer to specific wiring diagrams for your Ford F150 model if detailed electrical guidance is required.

6. Operating Instructions

6.1 Wireless CarPlay & Android Auto

This unit supports wireless connectivity for both Apple CarPlay and Android Auto, allowing you to access your smartphone's features safely while driving.

- **Connection:** Enable Bluetooth and Wi-Fi on your smartphone. On the head unit, navigate to the CarPlay or Android Auto application and follow the on-screen instructions to pair your device.
- **Functions:** Once connected, you can access navigation, make calls, send/receive messages, and play music directly from your phone's interface displayed on the car radio screen.



Image: Displays the user interfaces for Wireless Apple CarPlay and Android Auto, showing various app icons for navigation, music, and communication.

6.2 GPS Navigation

The unit features precise GPS navigation, supporting both online and offline maps. Ensure the GPS antenna is properly installed for optimal performance.

- **Online Navigation:** Connect to 5G WiFi or a mobile hotspot to use real-time navigation applications.
- **Offline Navigation:** Download map data for your region to use navigation without an internet connection.



Image: The GPS navigation screen displaying a detailed map with a highlighted route and turn-by-turn directions.

6.3 Audio System (RDS & DSP)

Experience high-fidelity sound with the integrated RDS and DSP features.

- **DSP (Digital Signal Processing):** Access the DSP settings to customize sound profiles, adjust equalizer bands (48-EQ), and optimize audio output for different music genres or listening preferences.
- **RDS (Radio Data System):** When listening to FM radio, RDS provides additional information such as station name, program type, and traffic announcements (where available).



Image: A screenshot of the DSP sound settings, showing a graphic equalizer and options for adjusting the audio output and sound stage.

6.4 Steering Wheel Controls (SWC)

The unit is compatible with your vehicle's existing steering wheel controls, allowing for safe and convenient operation.

- **Configuration:** After installation, you may need to configure the SWC settings in the unit's system menu to map the buttons correctly.
- **Functions:** Control volume, track selection, answer/end calls, and switch modes without taking your hands off the steering wheel.



Image: An illustration demonstrating how the car radio integrates with existing steering wheel controls for functions such as answering calls and adjusting media playback.

6.5 5G WiFi Connectivity

Utilize the built-in 5G WiFi for high-speed internet access.

- **Connection:** Go to the system settings, select Wi-Fi, and connect to an available network (e.g., your phone's hotspot or a public Wi-Fi network).
- **Benefits:** Enjoy smooth online streaming, quick app downloads, and real-time traffic updates for navigation.

6.6 Split Screen Function

The split-screen feature allows you to run two applications simultaneously on the display.

- **Activation:** While an app is open, long-press the recent apps button or drag an app to one side of the screen (method may vary slightly based on Android version).
- **Usage:** For example, you can have navigation running on one side and a music player on the other.



Image: The car radio screen demonstrating the split-screen functionality, with a navigation app on one side and a video player on the other.

6.7 Bluetooth 5.0

Connect your smartphone or other Bluetooth devices for hands-free calling and audio streaming.

- **Pairing:** Enable Bluetooth on your device and search for the car radio. Select the unit from the list and confirm the pairing code.
- **Functions:** Make and receive calls, stream music, and access your phone's contact list.

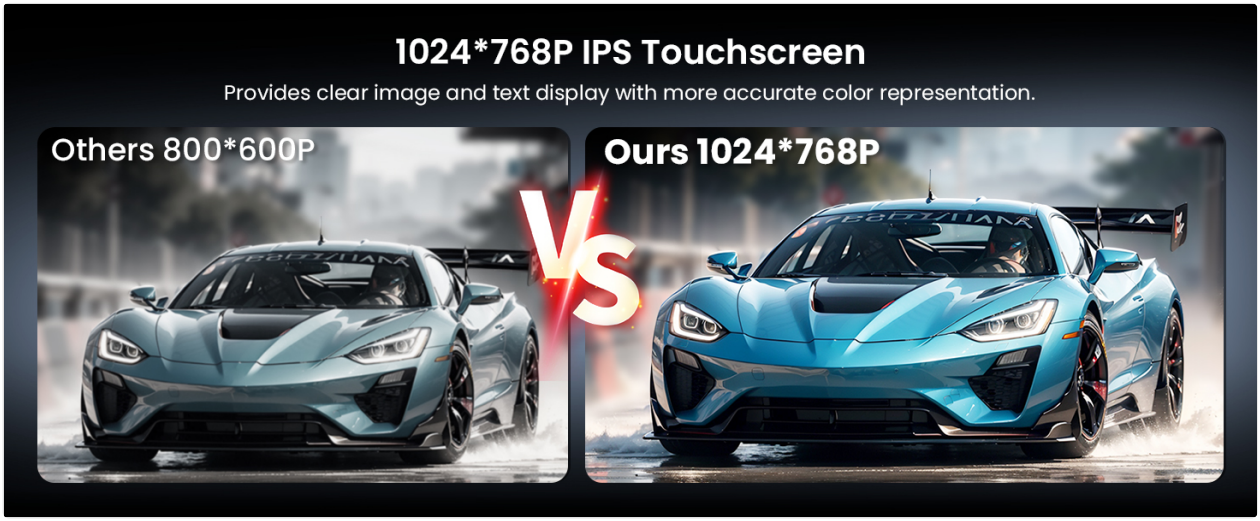


Image: An illustration depicting a smartphone wirelessly connected to the car radio via Bluetooth 5.0, enabling phone calls and music playback.

6.8 FM/AM RDS Radio

Access local radio stations with clear reception.

- **Tuning:** Use the radio application to scan for available FM and AM stations.
- **RDS:** Enjoy additional information broadcast by RDS-enabled stations.



Image: The FM/AM radio interface displayed on the car stereo, showing radio frequencies and audio visualization.

6.9 Rear View Camera

The included backup camera provides real-time video feedback and auxiliary line guidance when reversing.

- **Activation:** The camera feed automatically displays on the screen when the vehicle is shifted into reverse gear.
- **Guidance:** Use the on-screen guidelines to assist with parking and maneuvering.



Image: A visual representation of the 1080P rear view camera feed on the car radio screen, showing a vehicle reversing with parking guidelines.

7. Maintenance

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

- **Screen Cleaning:** Use a soft, lint-free cloth to gently wipe the touchscreen. Avoid abrasive cleaners or harsh chemicals.
- **Software Updates:** Periodically check for available software updates through the system settings to ensure you have the latest features and bug fixes.
- **Environmental Conditions:** Avoid exposing the unit to extreme temperatures, direct sunlight for prolonged periods, or excessive moisture.
- **Cable Connections:** Ensure all cables are securely connected and free from damage.

8. Troubleshooting

If you encounter any issues with your Fortdows car radio stereo, please refer to the following troubleshooting tips:

Problem	Possible Cause	Solution
No Power / Black Screen	Loose power connection, blown fuse, software crash.	Check power cables and fuses. Perform a soft reset (refer to system settings for reset option). If persistent, contact support.
Poor Sound Quality / No Audio	Incorrect wiring, speaker issues, DSP settings.	Verify speaker wiring. Check DSP/EQ settings. Ensure volume is not muted.
Subwoofer Output Low/Not Working	Incorrect RCA connection, subwoofer settings, faulty output.	Check subwoofer RCA cable connection. Adjust subwoofer level in audio settings. Ensure subwoofer is powered and functional.

Problem	Possible Cause	Solution
Steering Wheel Controls Not Working	Incorrect CanBus connection, unconfigured SWC settings.	Ensure CanBus decoder is correctly installed. Go to system settings and configure SWC buttons.
Poor Microphone Quality (Hands-free calls)	External microphone not connected, microphone placement, software issue.	Ensure external microphone is securely connected and positioned correctly. Check for software updates.
Stock USB Ports Not Functioning	Incorrect wiring adapter for original USB ports.	Verify the original USB adapter is correctly connected to the head unit and the vehicle's wiring harness.
GPS Signal Weak/Inaccurate	GPS antenna improperly installed or obstructed.	Ensure GPS antenna is securely connected and placed in an area with a clear view of the sky (e.g., dashboard, under windshield).

9. Specifications

Model Number	717352568880
Operating System	Android
Processor	8 Core
RAM	4GB
ROM (Internal Storage)	64GB
Display Size	12.1 inches
Display Resolution	1024 x 768P IPS Touchscreen
Connectivity	5G Wi-Fi, Bluetooth 5.0
Special Features	Wireless CarPlay, Android Auto, GPS Navigation, RDS, DSP, Split Screen Function
Audio Output Mode	Stereo
Surround Sound Channel Configuration	5.1
Compatible Devices	Smartphone
Connector Type	3.5mm Jack, HDMI, RCA, USB

Item Weight	8.63 pounds
Package Dimensions	17.3 x 13.4 x 8.9 inches

10. Warranty and Support

Fortdows is committed to providing quality products and customer satisfaction.

10.1 Warranty Information

- **1-Year Warranty:** The product comes with a 1-year manufacturer's warranty covering defects in materials and workmanship.
- **7-Day Return Policy:** You may return the product within 7 days of purchase if it is found to be defective.

10.2 Customer Support

For technical assistance, warranty claims, or any other inquiries, please contact our customer support team:

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



Image: Details on product warranty, return policy, and customer support contact information.

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