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Fortdows 4+32GB Car Stereo for Ford Focus Radio 2012-2018

Fortdows Car Stereo User Manual

Model: 4+32GB Car Stereo for Ford Focus Radio 2012-2018

Brand: Fortdows

1. Introduction

This user manual provides comprehensive instructions for the installation, operation, and maintenance of your new Fortdows 4+32GB Car Stereo. Please read this manual thoroughly before installation and use to ensure proper function and to prevent damage to the unit or your vehicle. Keep this manual for future reference.

2. Safety Information

Observe the following safety precautions to prevent injury or damage:

- **Professional Installation Recommended:** Due to the complexity of vehicle electrical systems, professional installation is highly recommended. Incorrect wiring can cause damage to the stereo, vehicle electronics, or lead to fire.
- **Disconnect Battery:** Always disconnect the vehicle's negative battery terminal before beginning any electrical installation to prevent short circuits.
- **Check Vehicle Compatibility:** Ensure this unit is compatible with your specific Ford Focus model year (2012-2018) before installation.
- **Avoid Distractions:** Do not operate the stereo's advanced features or watch videos while driving. Focus on the road.
- **Proper Ventilation:** Ensure the unit has adequate ventilation to prevent overheating.
- **Use Correct Fuse:** Replace fuses only with those of the specified rating.

3. Package Contents

Verify that all items are present in the package:

- Fortdows 10.4 Inch IPS Touch Screen Car Stereo Unit
- Power Harness
- CAM-IN Cable
- Crowbar (for trim removal)
- Backup Camera
- RCA Cable
- USB Cable x2
- GPS Antenna
- Canbus Decoder



Figure 3.1: Included components and their approximate dimensions.

4. Product Overview

The Fortdows car stereo is designed to upgrade your Ford Focus (2012-2018) with advanced multimedia and navigation capabilities. It features a large 10.4-inch IPS touchscreen and runs on Android 13.



Figure 4.1: Fortdows Car Stereo Main Unit and Accessories.

Key Features:

- **Display:** 10.4-inch IPS Touch Screen with 1024x768 resolution for clear and vibrant visuals.
- **Operating System:** Android 13, providing a modern and customizable user experience.
- **Performance:** 8-core processor with 4GB RAM and 32GB ROM for smooth operation and ample storage.
- **Connectivity:** Built-in Wireless CarPlay & Android Auto, Bluetooth 5.0, 5G WiFi, and USB ports.
- **Audio:** Professional DSP (Digital Sound Processor) for high-quality sound effects and FM HIFI RDS Audio.
- **Navigation:** Built-in GPS with support for online and offline North America maps.
- **Additional Functions:** Split Screen capability, Mirror Link for Android and iOS, Steering Wheel Controls support, and Reversing Assistance with included backup camera.



Figure 4.2: High-Definition IPS Touchscreen.



Figure 4.3: Professional DSP Sound Technology.

5. Setup and Installation

Installation of this car stereo requires careful attention to wiring and vehicle disassembly. If you are not experienced with car audio installation, it is strongly recommended to seek professional assistance.

5.1 Pre-Installation Steps:

1. **Disconnect Battery:** Before starting, disconnect the negative terminal of your vehicle's battery to prevent electrical shorts.
2. **Remove Old Unit:** Carefully remove the existing car radio and dashboard trim. Use the provided crowbar tool if necessary to avoid damaging plastic components.
3. **Inspect Wiring:** Familiarize yourself with your vehicle's existing wiring harness.

5.2 Wiring Connections:

Connect the provided harnesses to the new stereo and your vehicle's wiring. The Canbus decoder ensures compatibility with your Ford Focus's original systems, including steering wheel controls and climate information.

- **Power Harness:** Connect the main power harness to the stereo and the vehicle's power connector.
- **Canbus Decoder:** Integrate the Canbus decoder as per the wiring diagram to ensure proper communication with the vehicle's ECU.
- **GPS Antenna:** Connect the GPS antenna and mount it in a location with a clear view of the sky (e.g., on the dashboard near the windshield).
- **USB Cables:** Connect the two USB cables. Route them to a convenient location, such as the glove compartment or center console, for future use with USB devices.
- **CAM-IN Cable & Backup Camera:** Connect the CAM-IN cable to the stereo. Install the included backup camera at the rear of your vehicle and route its video cable to connect to the CAM-IN cable. Ensure the camera's power is connected to the reverse light circuit for automatic activation.
- **RCA Cables:** Use the RCA cables for external amplifier connections if you plan to upgrade your audio system.

5.3 Post-Installation:

1. **Test Functionality:** Before fully reassembling the dashboard, reconnect the vehicle battery and test all functions of the stereo: power on/off, audio, touchscreen, Bluetooth, GPS, FM radio, and backup camera.
2. **Secure Unit:** Once confirmed working, carefully secure the new stereo unit into the dashboard.
3. **Reassemble Trim:** Reinstall all dashboard trim pieces, ensuring they snap securely into place.



Figure 5.1: Before and After Installation View.

6. Operating Instructions

6.1 Basic Operation:

- **Power On/Off:** The unit typically powers on with the vehicle's ignition. Press and hold the power button (if available) for manual control.
- **Touchscreen Interface:** Navigate through menus and applications by tapping, swiping, and pinching on the 10.4-inch IPS touchscreen.
- **Volume Control:** Adjust volume using the on-screen controls or the vehicle's steering wheel controls.

6.2 Wireless CarPlay & Android Auto:

Connect your smartphone wirelessly for seamless integration of navigation, music, calls, and messaging.

1. Ensure Bluetooth and Wi-Fi are enabled on your smartphone.
2. On the stereo, open the CarPlay or Android Auto application.
3. Follow the on-screen prompts to pair your phone.
4. Once connected, your phone's compatible apps will appear on the stereo display.



Figure 6.1: Wireless CarPlay & Android Auto Interface.

6.3 Bluetooth Functionality:

Pair your phone for hands-free calling and audio streaming.

1. Go to the Bluetooth settings on the stereo.
2. Enable Bluetooth and search for available devices.
3. Select your phone from the list and confirm the pairing code.
4. Once paired, you can make/receive calls and play music directly from your phone.



Figure 6.2: Bluetooth and FM Radio Interfaces.

6.4 FM Radio:

Access local radio stations with the built-in FM tuner.

- Open the "Radio" application.
- Use the on-screen controls to scan for stations, manually tune, or select from preset stations.
- The unit supports FM HIFI RDS Audio for enhanced sound quality and station information.

6.5 GPS Navigation:

Utilize the integrated GPS for precise navigation, even offline.

- Open the "Navigation" or "Maps" application.
- The unit comes with pre-loaded North America maps.
- Enter your destination and follow the voice-guided directions.
- Online navigation is also supported via Wi-Fi or a connected mobile hotspot.



Figure 6.3: WiFi Function and GPS Navigation.

6.6 Split Screen Function:

Run two applications simultaneously on the screen.

- While an app is open, long-press the recent apps button or swipe from the side (depending on Android version) to activate split-screen mode.
- Select a second application to run alongside the first.

6.7 Steering Wheel Controls:

The unit supports your vehicle's original steering wheel controls for safe operation.

- After installation, the Canbus decoder should automatically map most common steering wheel functions (volume, track skip, call answer/end).
- If controls are not working, check the stereo's settings for a "Steering Wheel Control" learning function.

6.8 Reversing Assistance (Backup Camera):

The included backup camera provides a clear view when reversing.

- When the vehicle is shifted into reverse gear, the stereo display will automatically switch to the backup camera feed.
- Auxiliary line guidance may be displayed to assist with parking.

7. Maintenance

Proper care ensures the longevity and optimal performance of your car stereo.

- **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 abrasive materials or harsh chemicals.
- **Software Updates:** Periodically check the manufacturer's website or the stereo's system settings for available software updates to ensure optimal performance and access to new features.
- **Avoid Extreme Temperatures:** Do not expose the unit to extreme hot or cold temperatures for prolonged periods.
- **Ventilation:** Ensure the ventilation openings are not blocked to prevent overheating.

8. Troubleshooting

This section addresses common issues you might encounter. For problems not listed here, please contact customer support.

Problem	Possible Cause	Solution
Unit does not power on.	No power connection; Blown fuse; Incorrect wiring.	Check power harness connection. Inspect vehicle's fuse box and the stereo's fuse. Verify wiring according to the installation guide.
No sound.	Volume too low; Mute activated; Speaker wiring issue; DSP settings.	Increase volume. Check if mute is on. Verify speaker connections. Adjust DSP equalizer settings.
CarPlay/Android Auto not connecting.	Bluetooth/Wi-Fi off; Phone not paired; Software glitch.	Ensure phone's Bluetooth/Wi-Fi is on. Re-pair the phone. Restart both phone and stereo.

Problem	Possible Cause	Solution
Backup camera not displaying.	Camera not powered; Video cable disconnected; Incorrect camera input selected.	Check camera power connection (to reverse light). Ensure video cable is securely connected to CAM-IN. Verify camera settings in stereo menu.
Steering wheel controls not working.	Canbus not connected; Controls not configured.	Ensure Canbus decoder is correctly installed. Access steering wheel control learning function in settings and configure buttons.
Screen freezes or is unresponsive.	Software error; Overheating; Insufficient memory.	Perform a soft reset (refer to manual for specific method, usually a small reset button or holding power). Ensure proper ventilation. Clear cache if available in settings.

9. Specifications

Feature	Detail
Model	4+32GB Car Stereo for Ford Focus Radio 2012-2018
Operating System	Android 13
Processor	8-core
RAM	4GB
Internal Storage (ROM)	32GB
Screen Size	10.4 Inches
Display Resolution	1024x768
Display Type	IPS Touchscreen
Connectivity	Bluetooth 5.0, USB, Wi-Fi (5G supported)
Special Features	Wireless/Wired CarPlay & Android Auto, FM HIFI RDS Audio, DSP Sound, Split Screen, Mirror Link, Steering Wheel Control Support, GPS Navigation (North America maps)
Included Components	Rear Reversing Camera
Product Dimensions	5.32 x 0.59 x 4.49 inches

Feature	Detail
Item Weight	4.88 pounds

10. Warranty and Customer Support

Fortdows provides after-sales technical support to resolve any installation and operation problems. For assistance, please refer to the contact information below.

- **Warranty:** This product typically comes with a 1-Year Warranty. Please refer to your purchase documentation for specific warranty terms.
- **Return Policy:** A 7-Day Return Policy is generally offered for this product. Returns for defects are also supported.
- **Email Support:** fortdows.cam@gmail.com
- **Website:** www.fancygod.com



Figure 10.1: Warranty and Support Information.

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