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Ossuret D2BT-19C107-AG

Ossuret 10.4-inch Android 14 Car Stereo User Manual

Model: D2BT-19C107-AG | For Ford Fiesta (2009-2016)

1. Introduction

This manual provides detailed instructions for the installation, operation, maintenance, and troubleshooting of your Ossuret 10.4-inch HD Touchscreen Android 14 Car Stereo. This unit is designed to upgrade the multimedia capabilities of Ford Fiesta models manufactured between 2009 and 2016, offering features such as Wireless Apple CarPlay, Android Auto, GPS Navigation, Bluetooth 5.0, FM Radio, and Steering Wheel Control.

2. Compatibility

This car stereo is specifically designed for Ford Fiesta models from 2009 to 2016. Please ensure your vehicle's center console matches the compatible configurations shown below. This unit is compatible with vehicles that have a 'PASS AIRBAG OFF' button on the center console.



Figure 2.1: Compatible Ford Fiesta dashboard configurations (2009-2016) with the 'PASS AIRBAG OFF' button.

3. What's in the Box

The package includes the following components:

- Head Unit (10.4-inch Android 14 Stereo)
- Custom Frame for Ford Fiesta
- Power Cord
- RCA Cord
- USB Cables (4-pin and 6-pin)
- Factory USB Adapter
- GPS Antenna

- External Microphone
- Rear Camera Input RCA Cable
- Power Cable-2
- Power Cable-3
- Canbus Decoder
- Frame Line Mounting Accessories
- Radio Antenna Adapter Cable

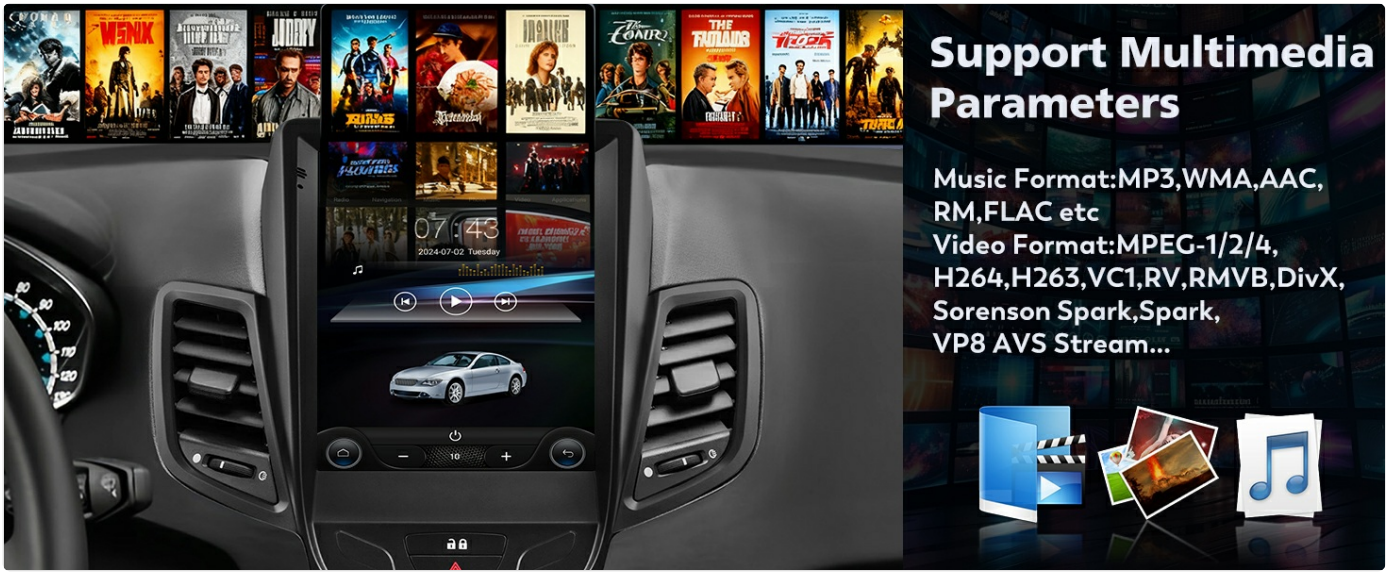


Figure 3.1: Contents of the Ossuret Car Stereo package.

4. Setup and Installation

Professional installation is recommended. Ensure the vehicle's battery is disconnected before beginning installation. Refer to the provided wiring diagrams and instructions for your specific Ford Fiesta model year.

4.1 Pre-Installation Steps

1. Carefully remove the factory radio and dashboard trim.
2. **Important:** After removing the factory unit, you will need to cut four specific tabs on the dashboard structure to ensure the new stereo fits properly and sits flush. Failure to do so may result in the stereo protruding slightly.
3. Identify and label all existing wiring harnesses from the factory unit.

4.2 Wiring Connections

Connect the corresponding plugs from the Ossuret stereo harness to your vehicle's wiring. The plugs are labeled according to the Ford Fiesta model year. Ensure all connections are secure.



Figure 4.1: Before and After Installation of the Ossuret Car Stereo.

4.3 Installation Video

For a visual guide on the installation process, please refer to the official installation video:

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Video 4.1: Installation guide for the Ossuret Car Radio Upgrade for Ford Fiesta 2009-2020. This video demonstrates the steps for removing the old unit and connecting the new stereo.

5. Operating Instructions

Your Ossuret car stereo runs on Android 14, providing a user-friendly interface and access to various applications and features.

5.1 Touch Screen Operation

The 10.4-inch HD touchscreen offers fine image quality and true color. Navigate through menus, select options, and control functions by tapping, swiping, and pinching on the screen.



Figure 5.1: HD IPS Touch Screen display quality.

5.2 Wireless Apple CarPlay / Android Auto

Connect your smartphone wirelessly or via USB to access Apple CarPlay or Android Auto. This allows you to use your phone's navigation, make calls, send/receive messages, and stream music directly through the car stereo interface.

- **Connection:** Use Wi-Fi/WLAN/Bluetooth/USB cable to connect your smartphone.
- **Functions:** Online navigation, hands-free calls, SMS, music/podcasts.



Figure 5.2: Wireless Apple CarPlay and Android Auto interface.

5.3 MirrorLink Function

MirrorLink allows you to display your smartphone's screen directly on the car stereo. This function supports both iPhone (via AirPlay over Wi-Fi) and Android phones (via USB cable using Easy Connect Apps).

- **iPhone:** Use AirPin(PRO) Apps to connect via Wi-Fi hotspot.
- **Android:** Use Easy Connect Apps and a USB charging cable.



Figure 5.3: MirrorLink functionality for smartphones.

5.4 Bluetooth Function

The unit features Bluetooth 5.0 for hands-free calling and audio streaming.

- **Hands-free Calls:** Built-in microphone for clear communication.
- **Phonebook:** Download phonebook from your mobile device.
- **Bluetooth Music:** Stream audio from your phone to the car stereo.



Figure 5.4: Bluetooth and Radio Function interfaces.

5.5 FM Radio

Enjoy your favorite radio stations with the built-in FM tuner. The unit supports FM radio function with a frequency range of 87.5-108MHz.

5.6 GPS Navigation

The stereo includes built-in offline maps for North America and supports online navigation applications via Wi-Fi. Access real-time traffic information and turn-by-turn directions.



Figure 5.5: GPS Navigation interface.

5.7 Steering Wheel Control (SWC)

Retain the convenience of your factory steering wheel controls. After installation, you may need to manually configure the steering wheel controls through the unit's settings to ensure proper functionality for volume, track changes, and call management.



Figure 5.6: Steering Wheel Control interface.

5.8 DSP Sound

The built-in pre-30-band EQ DSP allows you to adjust sound effects and optimize audio output, reducing car noise and providing a surround sound experience.



Figure 5.7: DSP Sound Adjustment interface.

5.9 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.



Figure 5.8: Split Screen Functionality.

5.10 Wi-Fi Function

Connect to Wi-Fi to access online features, download apps from the app store, stream music, and browse news. The unit supports 5G Wi-Fi for faster internet speeds.



Figure 5.9: Wi-Fi Function and App Access.

5.11 Multimedia Parameters

The unit supports a wide range of audio and video formats for playback:

- **Music Formats:** MP3, WMA, AAC, RM, FLAC, etc.
- **Video Formats:** MPEG-1/2/4, H264, H263, VC1, RV, RMVB, DivX, Sorenson Spark, Spark, VP8 AVS Stream, etc.



Figure 5.10: Multimedia Playback interface.

6. Maintenance

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

- **Screen Cleaning:** Use a soft, lint-free cloth to gently wipe the touchscreen. Avoid abrasive cleaners or harsh chemicals that could damage the screen.

- **Software Updates:** Periodically check for and install software updates to ensure the system runs efficiently and has the latest features and security patches.
- **Temperature Control:** Avoid exposing the unit to extreme temperatures for extended periods. High heat can affect screen performance and internal components.
- **Cable Connections:** Ensure all cables are securely connected. Loose connections can lead to intermittent functionality.

7. Troubleshooting

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

Problem	Possible Cause	Solution
Unit does not power on.	Loose power connection, blown fuse, incorrect wiring.	Check all power cable connections. Verify vehicle fuses and the unit's fuse. Ensure wiring matches the vehicle's model year.
Stereo does not fit flush in the dashboard.	Dashboard tabs not trimmed during installation.	Refer to Section 4.1 and the installation video for instructions on trimming the four dashboard tabs.
Screen displays black spots or flickers in heat.	Overheating due to direct sunlight or high cabin temperatures.	Avoid prolonged exposure to direct sunlight. Ensure proper ventilation around the unit. If the issue persists, contact support.
Steering wheel controls do not work.	Controls not configured or incorrect CANbus connection.	Access the unit's settings menu to manually configure steering wheel controls. Verify the CANbus decoder is correctly installed and connected.
Bluetooth connection is unstable or slow.	Interference, outdated phone software, or distance.	Ensure your phone's Bluetooth is updated. Keep the phone close to the unit. Restart both the stereo and the phone.
GPS signal is weak or inaccurate.	GPS antenna improperly placed or obstructed.	Ensure the GPS antenna has a clear line of sight to the sky and is not obstructed by metal objects. Check antenna connection.

8. Specifications

Feature	Description
Brand	Ossuret
Model Number	D2BT-19C107-AG
Operating System	Android 14
RAM	2GB
ROM (Internal Storage)	32GB
Screen Size	10.4 inches
Screen Resolution	1024 x 718 FHD
Processor	4-core UPC
Connectivity	Wi-Fi (5G/2.4G), Bluetooth 5.0

Feature	Description
Special Features	Wireless Apple CarPlay, Android Auto, MirrorLink, GPS Navigation, FM Radio, SWC (Steering Wheel Control), DSP, Split Screen
Audio Output Mode	Stereo, Surround (5.1 Channel Configuration)
Output Power	100 Watts
Supported Internet Services	Apple Music, Apple Podcasts, Spotify
Connector Type	3.5mm Jack, Ethernet, RCA, USB

9. Warranty Information

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

10. Support

For technical assistance, troubleshooting beyond this manual, or warranty inquiries, please contact Ossuret customer support. Refer to the contact information provided with your purchase or visit the official Ossuret website for support resources.
Manufacturer: i-Stereo US

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