

**Eonon FDF1X7 (Upgraded FDF1X6)**

# **Eonon FDF1X7 (Upgraded FDF1X6) Android 14 Car Stereo Instruction Manual**

For 2009-2014 Ford F150 Vehicles

## **1. INTRODUCTION**

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This manual provides detailed instructions for the installation, operation, and maintenance of your Eonon FDF1X7 (Upgraded FDF1X6) Android 14 Car Stereo. This unit is specifically designed to integrate seamlessly with 2009-2014 Ford F150 models, enhancing your in-car entertainment and connectivity experience.



Image: The Eonon FDF1X7 Android 14 Car Stereo, showcasing its 9-inch display, along with the included external microphone and backup camera.

## 2. APPLICABLE MODELS

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The Eonon FDF1X7 car stereo is custom-designed for the 2009-2014 Ford F150 radio, ensuring a perfect match with your dashboard without requiring additional frame modifications. It offers plug-and-play functionality and retains original equipment manufacturer (OEM) features such as steering wheel controls, stock amplifier integration, door reminder, and AC controls.

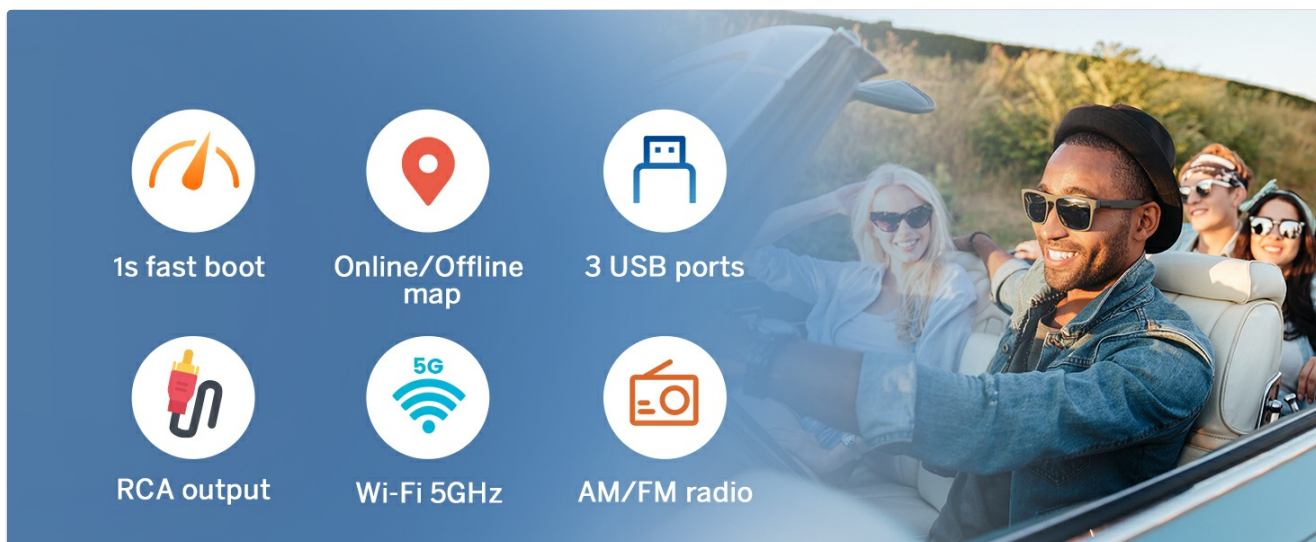


Image: Visual guide indicating suitable and unsuitable dashboard configurations for the 2009-2014 Ford F150, ensuring proper fitment.

Please verify your vehicle's model year and dashboard dimensions to ensure compatibility before purchase. The installation process is simplified by following the provided wiring diagram and video instructions.

# Applicable Models

2009-2014 Ford F150



Note: It will replace the LCD display at the top of the center console, with AC information now shown on the car stereo screen.

## Plug & Play Keep Your Car's Factory Features



Steering wheel controls



Door reminder



AC control



AC information



Car amplifier

Image: Detailed comparison of various Ford F150 dashboard types, highlighting which ones are compatible with the Eonon FDF1X7 unit.

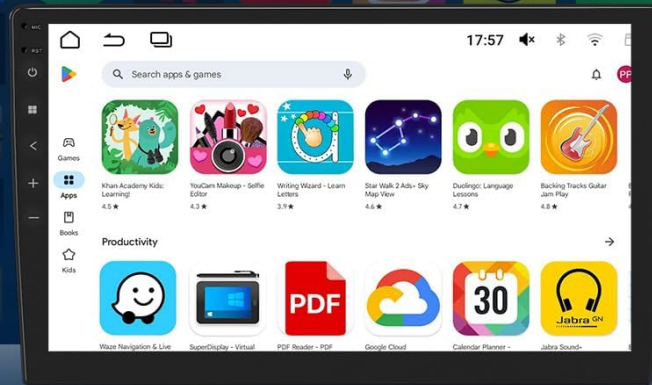
## 3. KEY FEATURES

### 3.1. Powerful Performance

The Eonon FDF1X7 operates on a REAL Android 14 OS, allowing for extensive app installations and customization. It is powered by an RK3562 Quad-core ARM Cortex-A53 @ 2.0GHz CPU, ensuring smooth and responsive performance for multitasking and navigation. With 3GB RAM and 32GB ROM, it provides ample memory for applications, media, and system operations.



# Android 14 (API level 34)



- Over-the-air firmware update(not Android system)
- Smartphone integration
- App flexibility
- Ease of use

## 146565

AnTuTu Running Scores

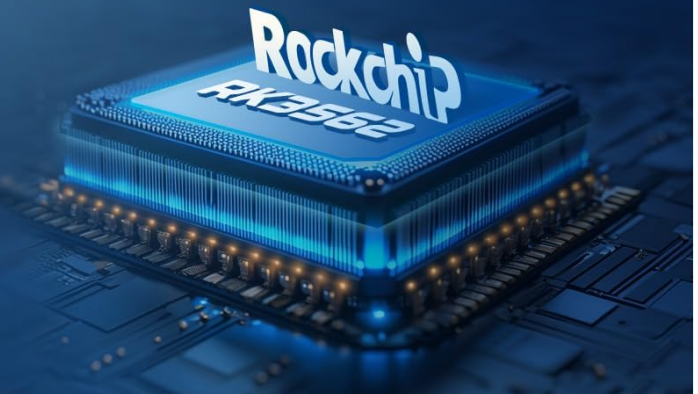


Image: Screenshot of the Android 14 interface, demonstrating app flexibility and ease of use, alongside performance benchmarks for the RK3562 processor.

# DON'T BE FOOLED, VERIFY THE TRUTH!

## Download "Fake Device Test"

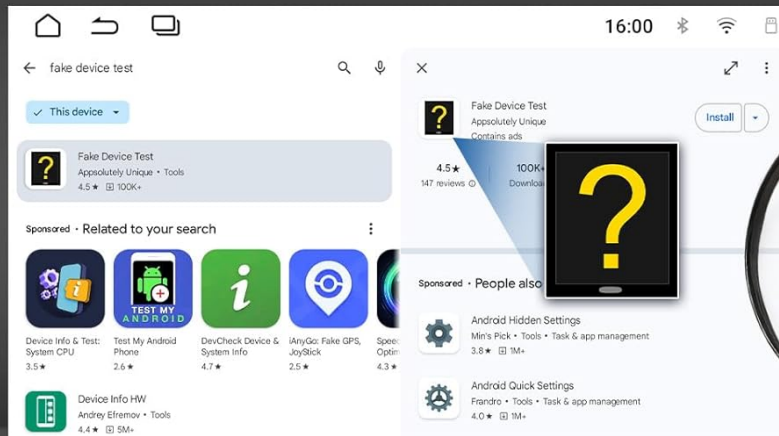


Image: Instructions on how to verify the true specifications of the device, including Android version, processor, RAM, and ROM, using a 'Fake Device Test' application.

# EONON X7 SERIES - CURATED & REAL

Built-in ST **4 x 45W** Amp  
Optimized Drive for  
Factory Speakers



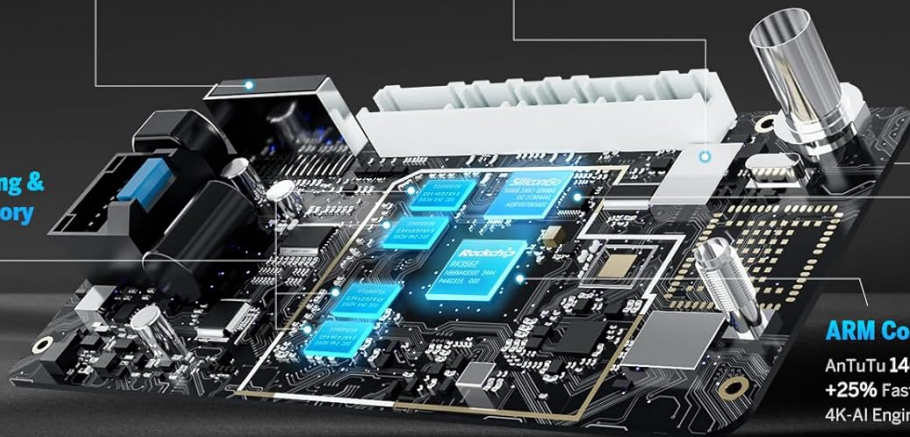
Ultra-Low Latency **Wi-Fi 6** &  
Dedicated **Bluetooth 5.4** Module



Silicon Labs Si4755 Tuner  
with **FM/AM/RDS** Support



Only **Samsung & Micron** Memory



**Top-Grade**  
**Silicongo eMMC**

**ARM Cortex-A53@2.0GHz**

AnTuTu **146,565**  
+25% Faster vs UIS8581A Octa-Core  
4K-AI Engine | NPU 1TOPS

**4-LAYER** AUTOMOTIVE PCB,  
BUILT TO SURVIVE TOUGH ROADS

Image: An exploded view of the Eonon X7 series internal components, highlighting the ST 4x45W amplifier, Wi-Fi 6 & Bluetooth 5.4 module, Silicon Labs Si4755 tuner, Samsung & Micron memory, and a 4-layer automotive PCB.

## 3.2. Seamless Connectivity

Experience effortless smartphone integration with Wireless & Wired Apple CarPlay and Android Auto, enabling navigation, calls, and media playback directly from your car stereo. Screen Mirroring allows you to display your phone's screen on the unit for enhanced convenience. Bluetooth 5.4 ensures fast and stable connections for hands-free calls and audio streaming. The unit also includes a 1080P AHD Rearview Camera for improved safety during reversing. It is compatible with other Eonon accessories, such as Eonon dash cams and V0056 OBD2 diagnostic tools.





### **Professional 32-bit DSP with FFT Acceleration**

Delivers ultra-precise,  
dynamic sound —from deep  
bass to subtle details.



### **48-Band EQ with 3D Surround & Virtual Bass**

Shape your ideal soundstage  
with powerful tuning and  
immersive effects.



### **Optimized for Your Car's Acoustics**

0-4ms 6CH Time Alignment ×  
Hi/Lo-Pass Filtering  
Pure Sound Staging &  
Noise-Free Immersion

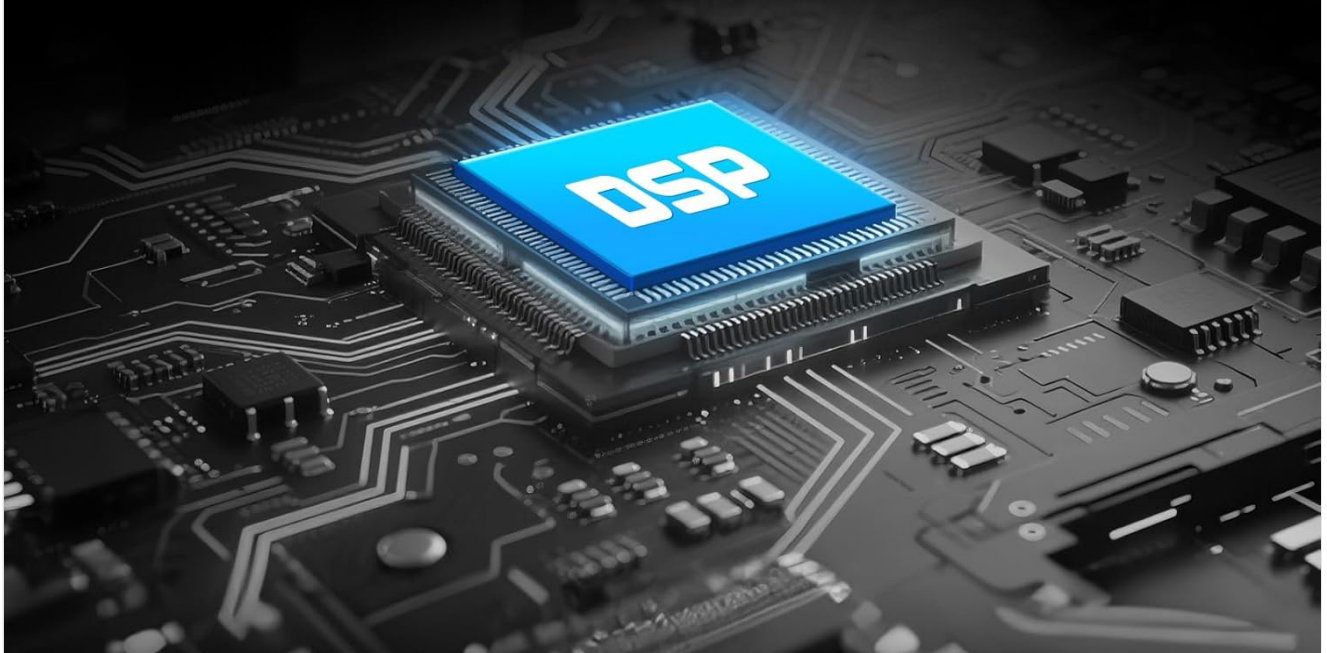


Image: Demonstrates the seamless integration of Wireless Apple CarPlay and Android Auto, showing their respective interfaces on the car stereo display.



# Wireless CarPlay & Android Auto



Siri, play Me and You



Hey Google, navigate home



Image: Highlights the independent Bluetooth module and extra Bluetooth antenna, emphasizing quick and stable connection, noise reduction, crystal-clear call quality, and high-quality Bluetooth music streaming.

## Independent Bluetooth Module + Extra Bluetooth Antenna



Quick & stable connection



Noise reduction



Crystal-clear call quality



High quality Bluetooth music



## 3 Sets of UI Themes



Image: Illustrates the integration of essential Android car stereo accessories, including the A100 dash cam (not included), A0125 backup camera (included), and V0056 OBD2 diagnostic tool (not included).

### 3.3. Immersive Audio Experience

The Eonon FDF1X7 features a built-in DSP Audio Processor with a 48-band equalizer for precise sound customization. The ST TDA7388 Amplifier delivers 4x45W surround sound output, providing a rich audio experience. It includes 4-Channel FR/FL/RR/RL RCA audio outputs plus 1 Subwoofer output for professional-grade audio setups. EQ Modes such as Custom, Standard, Popular, Rock, Classical, and Jazz are available for tailored sound profiles.



# Android Car Stereo Essentials



A100 dash cam (not included)



A0125 backup camera 



Vehicle fault diagnosis

Vehicle real-time status



V0056 OBD2  
(not included)

Image: Depicts the professional 32-bit DSP with FFT acceleration, highlighting its ability to deliver ultra-precise, dynamic sound, a 48-band EQ with 3D surround & virtual bass, and optimization for car acoustics.

## 3.4. User-Friendly Design

Personalize your car's interior with customizable button lights. Choose from 3 preloaded UI themes to suit your preference. The Power-Off Playback Memory feature ensures that playback resumes from where you left off, even after restarting the car.



Image: Shows three distinct user interface themes available for customization, allowing users to personalize the look of their car stereo display.

## 4. SETUP AND INSTALLATION

### 4.1. What's in the Box

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



Image: A visual representation of all items included in the product package, such as cables, antennas, screws, brackets, and the user manual.

- Audio Video Adapter Cable x1
- Audio Adapter Cable x1
- CarPlay & Android Auto USB Adapter Cable x1
- USB Adapter Cable x1
- Backup Camera Video Input Cable x1
- Radio Antenna Adapter Cable x1
- Power Cable x1
- GPS Antenna x1
- Screw x8
- Bracket x2
- Radio Antenna Adapter x1



- External Microphone x1
- Adhesive Pad x1
- CAN Bus x1
- Spare Fuse x1
- User Manual x1

## 4.2. Wiring Diagram

Follow the detailed wiring diagram for proper installation. Ensure all connections are secure to prevent malfunctions.



Image: Comprehensive wiring diagram illustrating all connection points and cable types for the Eonon FDF1X7 head unit, including CAN Bus, power, audio outputs, and accessory inputs.

## 5. OPERATING INSTRUCTIONS

### 5.1. Wireless Apple CarPlay Connection

To connect your iPhone wirelessly to Apple CarPlay:

1. Click the Zlink5 app on the car stereo.
2. Turn on Wi-Fi and Bluetooth on your iPhone.
3. Find 'EONON' in your phone's Bluetooth device list and enter '0000' to pair.
4. Once connected, tap 'Use CarPlay' and wait a few seconds to complete the connection.



Image: Step-by-step visual guide for connecting an iPhone to the car stereo via wireless Apple CarPlay, detailing app selection, Bluetooth pairing, and confirmation.

## 5.2. Wireless Android Auto Connection

To connect your Android phone wirelessly to Android Auto:

1. Click the Zlink5 app on the car stereo.
2. Turn on Wi-Fi and Bluetooth on your Android phone.
3. Find 'EONON' in your phone's Bluetooth device list, enter '0000' and click 'OK'.
4. Wait a few seconds to complete the connection.



Image: Step-by-step visual guide for connecting an Android phone to the car stereo via wireless Android Auto, detailing app selection, Bluetooth pairing, and confirmation.

## 5.3. Screen Mirroring for iOS

To mirror your iOS device screen:

1. Click the Zlink5 app on the car stereo. Set the car stereo to iPhone wireless screen mirroring mode.
2. Turn on the iPhone hotspot and connect to the car stereo.
3. Turn on the iPhone screen mirroring function and select 'zj-airplay'.



Image: Visual instructions for setting up screen mirroring from an iOS device to the car stereo, including Zlink5 app settings, hotspot connection, and AirPlay selection.

## 5.4. Screen Mirroring for Android

To mirror your Android device screen:

1. Click the Zlink5 app on the car stereo. Set the car stereo to Android wireless screen mirroring mode.
2. Turn on your phone's Bluetooth. Find 'EONON' in your phone's Bluetooth device list, enter '0000' to pair.
3. Turn on your phone's hotspot and connect to the car stereo.
4. Install the Zplus app on your phone. Turn on the app and select 'wireless connection'.



Image: Visual instructions for setting up screen mirroring from an Android device to the car stereo, including Zlink5 app settings, Bluetooth pairing, hotspot connection, and Zplus app usage.

## 5.5. Backup Camera Operation

The included 1080P AHD Rearview Camera enhances safety by providing a clear view while reversing. It features reversing guidelines and a 140° rear viewing angle. The camera is IP68 waterproof for durability.



Image: A simulated view from the backup camera, showing reversing guidelines and the wide 140-degree viewing angle for safe parking maneuvers.

## 5.6. Dash Cam and OBD2 Integration

The unit supports integration with Eonon dash cams (e.g., A100, not included) for recording driving footage with a 120° viewing angle and video playback. It also works seamlessly with V0056 OBD2 diagnostic tools (not included) to provide vehicle fault diagnosis and real-time status information.



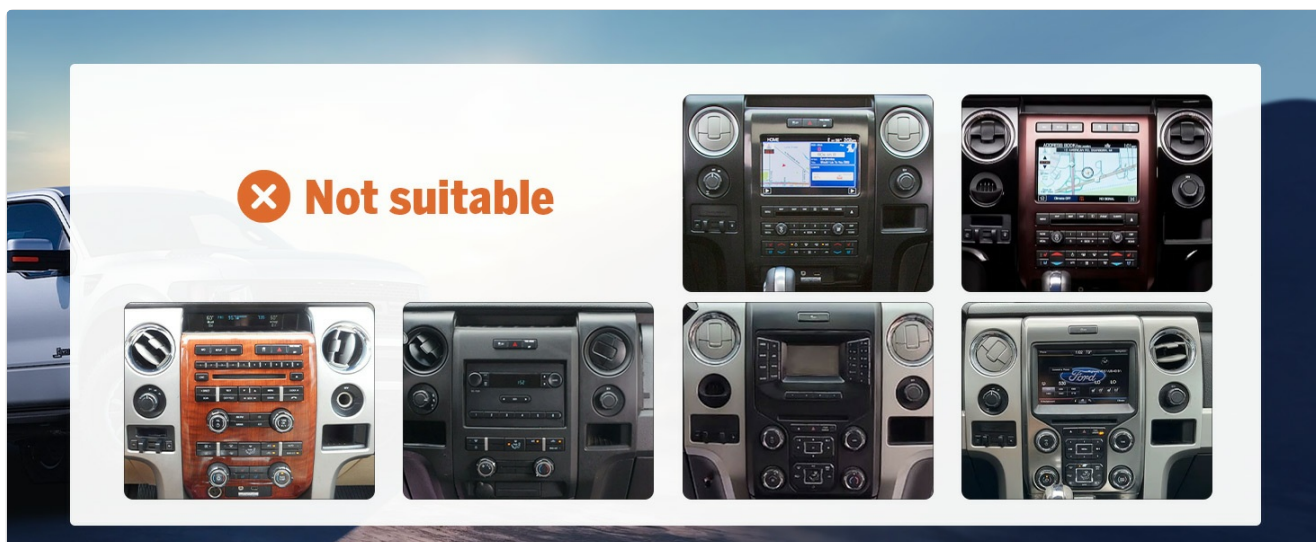


Image: Illustrates the view from a compatible dash cam, highlighting its 120-degree viewing angle and adjustable features for comprehensive road recording.



Image: Shows the interface of the Torque app with an OBD2 diagnostic tool, displaying vehicle fault diagnosis and real-time status information.

## 6. MAINTENANCE

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

- **Cleaning the Screen:** Use a soft, lint-free cloth to gently wipe the display. For stubborn smudges, slightly dampen the cloth with water or a screen-safe cleaner. Avoid abrasive materials or harsh chemicals.
- **General Cleaning:** Keep the unit free from dust and debris. Use a soft brush or compressed air to clean vents and ports.
- **Software Updates:** Periodically check for firmware updates via Over-The-Air (OTA) updates to ensure the system runs efficiently and securely. Note that Android system upgrades are not supported, but firmware updates address software issues and enhance security.

## 7. TROUBLESHOOTING

If you encounter issues with your Eonon car stereo, refer to the following common troubleshooting tips:

- **No Power:** Check all power connections and the vehicle's fuse box. Ensure the unit is properly seated in its harness.



- **No Sound:** Verify speaker connections and audio output settings. Check the volume level and ensure the mute function is not activated. If using an external amplifier, confirm its power and connections.
- **Bluetooth Connectivity Issues:** Ensure Bluetooth is enabled on both the stereo and your mobile device. Delete previous pairings and attempt to re-pair. Check for interference from other devices.
- **CarPlay/Android Auto Not Connecting:** Ensure the Zlink5 app is running. Verify Wi-Fi and Bluetooth are active on your phone. For wired connections, try a different USB cable.
- **Touchscreen Unresponsive:** Try restarting the unit. If the issue persists, a factory reset may be necessary (refer to the system settings for this option).
- **GPS Signal Loss:** Ensure the GPS antenna is properly installed and has a clear line of sight to the sky. Avoid placing it under metal objects.
- **Software Bugs:** While the software is generally stable, minor bugs may occur. Ensure your firmware is up to date via OTA updates. If a persistent bug affects core functionality, contact Eonon support.

For more complex issues, please refer to the comprehensive troubleshooting section in the full user manual or contact Eonon customer support.

## 8. SPECIFICATIONS

Technical specifications for the Eonon FDF1X7 (Upgraded FDF1X6) Android 14 Car Stereo:

Feature	Specification
Operating System	REAL Android 14
Processor	RK3562 Quad-core ARM Cortex-A53 @ 2.0GHz
RAM	3GB
ROM	32GB
Display Size	9 Inches
Display Resolution	1280*720
Viewing Angle	178°
Bluetooth Version	5.4
Amplifier	ST TDA7388 (4x45W)
DSP	Built-in 32-bit DSP Audio Processor with 48-band EQ
Connectivity Technology	Bluetooth, USB, Wi-Fi (5GHz)
Audio Output Mode	Stereo (4-Channel FR/FL/RR/RL + 1 Subwoofer output)
Control Method	Touch, Voice
Supported Internet Services	Netflix, Pandora, Skype, YouTube
Video Encoding	MPG, DAT, TS, AVI, MP4, MOV, 3GP, ASF, VOB, MKV, FLV, RM, RMVB
Parcel Dimensions	44.6 x 31.1 x 13.4 cm; 2.57 kg
Country of Origin	China

## 9. WARRANTY AND SUPPORT

Eonon provides comprehensive support for its products:





- **Warranty:** The Eonon FDF1X7 comes with a 2-year warranty.
- **Returns:** Enjoy 30-day free returns.
- **Replacements:** Replacements are available within 90 days of purchase.
- **Customer Service:** Quick replies within 24 hours (except weekends) and lifelong after-sales service are provided.

For further assistance, visit the official Eonon store or contact their customer support team.

[Visit the Eonon Store on Amazon](#)

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### Related Documents

	<p><a href="#">Eonon 9-Inch Android Car Stereo for BMW 3 Series (E90-E93) - Dimensions</a></p> <p>Eonon provides dimensional specifications for its 9-inch Android 10 car stereo headunit, compatible with BMW 3 Series (E90-E93, 2005-2011). Features include CarPlay, Android Auto, GPS, DSP, Bluetooth 5.0, and WiFi. The A0581 unit is not included.</p>
	<p><a href="#">BMW 3 Series E46 Installation Manual - Eonon Head Unit</a></p> <p>Step-by-step installation guide for an Eonon head unit in a BMW 3 Series 1999-2004 (E46). Covers removal of factory components and installation of the new unit.</p>
	<p><a href="#">Eonon Q63Pro Installation Manual for Mazda 3 (2010-2013)</a></p> <p>Detailed installation guide for the Eonon Q63Pro 9-inch Android 10 car stereo head unit in Mazda 3 vehicles (2010-2013). Covers GPS, CarPlay, Android Auto, DSP, Bluetooth, and more.</p>
	<p><a href="#">Eonon P3 User Manual: Installation, Features, and Connectivity</a></p> <p>Comprehensive user manual for the Eonon P3 car multimedia player. Learn about installation, product features, connectivity options like Apple CarPlay and Android Auto, screen mirroring, and find solutions in the FAQ section.</p>