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› Nunoo Car Stereo User Manual for Ford F150 (2009-2012)

Nunoo Nunoo-FordF150-2009-2012

Nunoo Car Stereo User Manual for Ford F150 (2009-2012)

Model: Nunoo-FordF150-2009-2012

1. INTRODUCTION

Thank you for choosing the Nunoo Car Stereo. This manual provides detailed instructions for the installation, operation, and maintenance of your new car stereo system, designed specifically for Ford F150 models from 2009 to 2012. Please read this manual thoroughly before installation and use to ensure proper function and safety.

2. SAFETY INFORMATION

- Always consult a professional for installation if you are unsure about any steps. Incorrect installation can damage the vehicle's electrical system or the stereo unit.
- Do not operate the device in a manner that distracts you from driving. Always prioritize road safety.
- Ensure all wiring is properly insulated and secured to prevent short circuits or damage.
- Keep the unit away from water and excessive moisture.
- Do not attempt to disassemble or modify the unit. This will void the warranty and may cause damage.

3. PACKAGE CONTENTS

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

Accessories

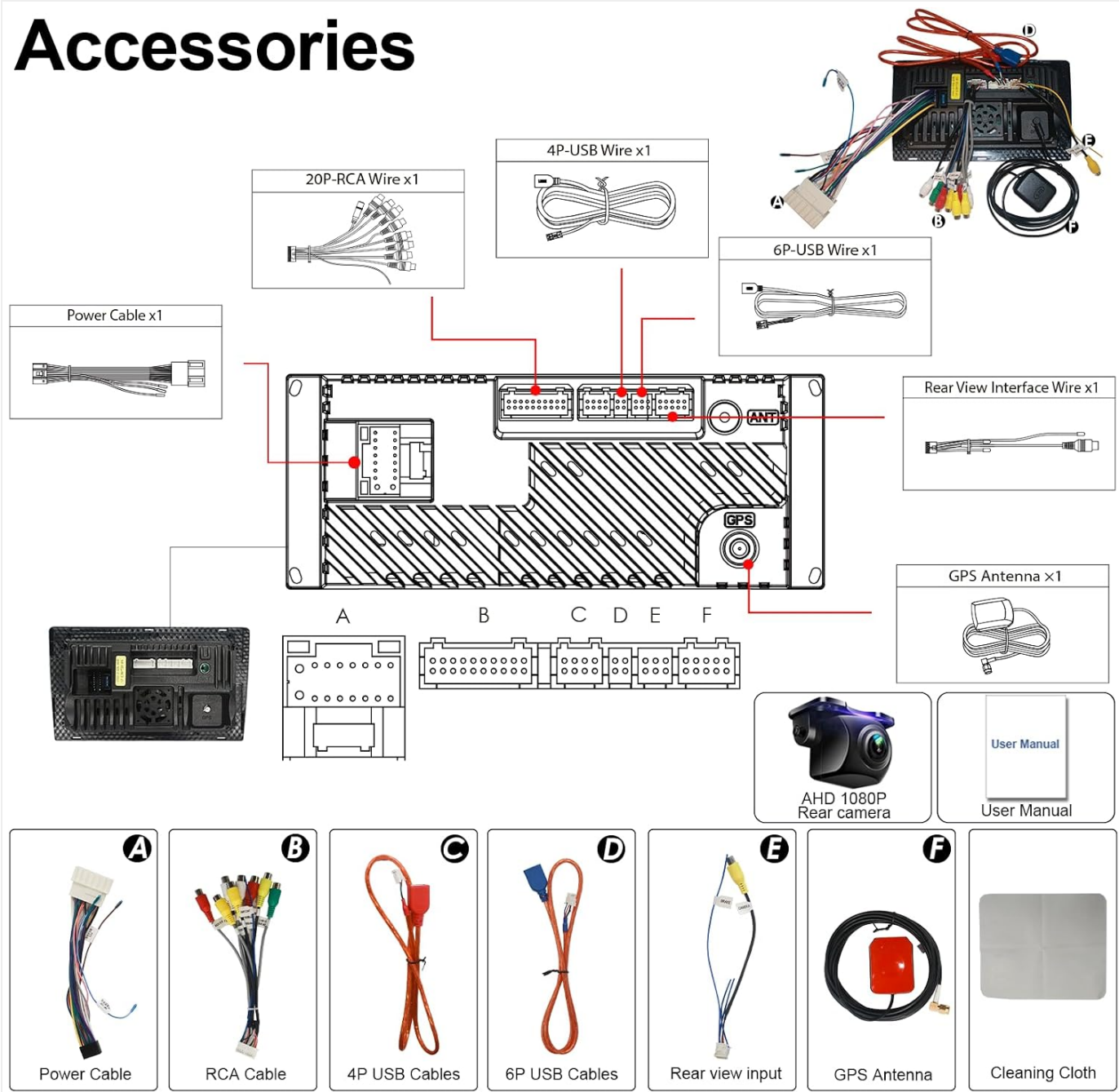


Image: Overview of included accessories and wiring connections.

- Nunoo Car Stereo Head Unit
- Power Cable (A)
- RCA Cable (B)
- 4P USB Cable (C)
- 6P USB Cable (D)
- Rear View Input Cable (E)
- GPS Antenna (F)
- AHD 1080P Rear Camera (if included in package)
- User Manual
- Cleaning Cloth

4. SETUP AND INSTALLATION

4.1 Compatibility Check

This car stereo is designed for Ford F150 models manufactured between 2009 and 2012. Please ensure your vehicle's dashboard configuration matches the compatible type shown below.

High-end 8 Core car stereo with 2+32G

For Ford F150 F-150 2009-2012

8-core high-speed operation speed, larger memory and better user experience!



Type A **can be installed**



Type B **cannot be installed**



BEFORE



AFTER

Image: Dashboard compatibility for Ford F150 2009-2012. Ensure your vehicle matches Type A.

4.2 Installation Steps (General Guide)

1. **Preparation:** Disconnect the vehicle's battery to prevent electrical shorts.
2. **Remove Original Unit:** Carefully remove the existing car stereo and dashboard trim. Refer to your vehicle's service manual for specific instructions.
3. **Connect Wiring:** Connect the provided power cable, RCA cables, USB cables, and GPS antenna to the corresponding ports on the Nunoo head unit. Ensure all connections are secure.
4. **Backup Camera (Optional):** If installing the backup camera, connect its video output to the 'Rear View Input' on the head unit and its power to the vehicle's reverse light circuit.
5. **Test Functionality:** Before fully reassembling the dashboard, reconnect the battery and power on the unit to test basic

functions like power, audio, and touchscreen response.

- 6. **Secure Unit:** Mount the Nunoo head unit securely into the dashboard opening.
- 7. **Reassemble:** Reinstall all dashboard trim pieces.

5. OPERATING INSTRUCTIONS

5.1 Power On/Off and Basic Controls

Press the power button on the unit or steering wheel controls to turn the stereo on or off. Adjust volume using the physical buttons or the touchscreen interface.

5.2 Touchscreen Interface

The unit features a 9-inch 1280x720 IPS multi-touch screen for clear visuals and responsive interaction. Navigate through menus and applications by tapping, swiping, and pinching.

1280*720 IPS & MULTI-TOUCH 9 INCH SCREEN

IPS

Touch

9
Inch

4K HD

Generation	Pixel	Difference
1st:800*480	384000	
2nd:1024*600	614400	614400/384000=1.6 times
3rd:1280*720	921600	921600/614400=1.5 times

The 3th Generation IPS Sereen:**1280*720**

3th Generation: 1280*720

2nd Ganeration: 1024*600

1nd Ganeration: 800*480

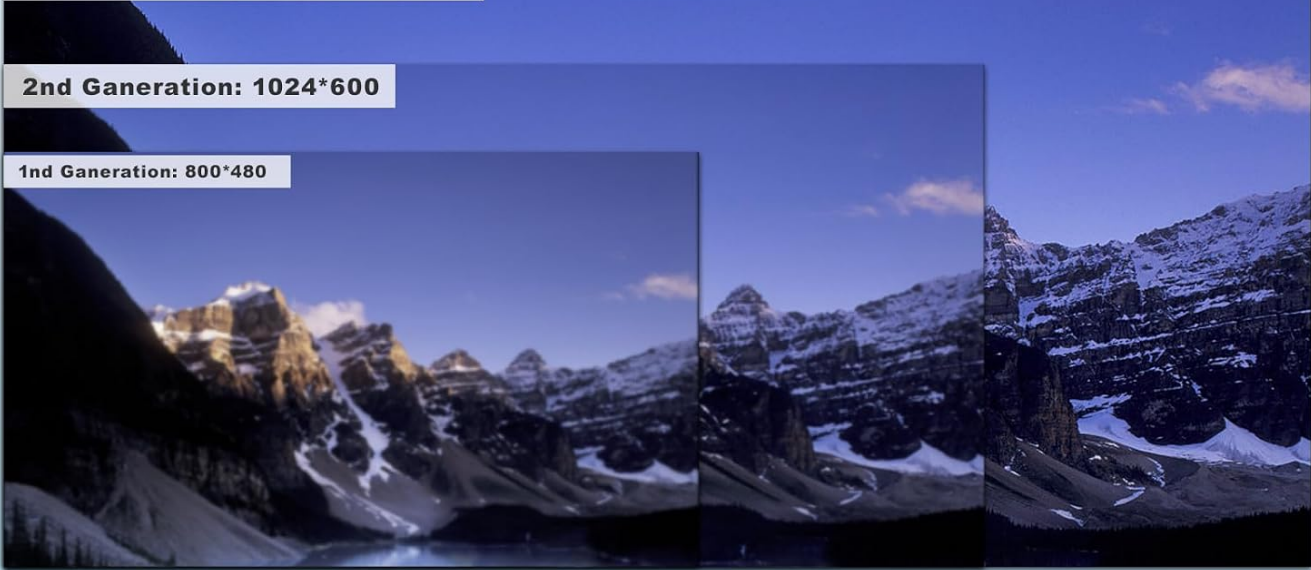


Image: Details of the 9-inch 1280x720 IPS multi-touch screen resolution.

5.3 Wireless CarPlay and Android Auto

Connect your smartphone wirelessly to access navigation, make calls, send messages, and play music through the stereo's interface. Use voice commands for hands-free operation.

Wireless CarPlay & Android Auto & Mirror Link. Enjoy a smarter car life!



Wireless Mirror Link

(Support Wireless and USB Link)

You can use voice to control navigation, music playback, make and receive calls, etc. Stay focused on driving without the distraction of looking at your phone. A



Wireless CarPlay

Perfect connection with iPhone



Wireless Android Auto

Into the Android world



Image: Wireless CarPlay, Android Auto, and Mirror Link interfaces.

5.4 AM/FM/RDS Radio

Access the radio function to listen to AM, FM, and RDS broadcasts. Scan for stations, save presets, and enjoy news and music.

5.5 Bluetooth Connectivity

Pair your mobile phone via Bluetooth 5.2 for hands-free calling and wireless audio streaming. Access your phone's contact list and call history directly from the stereo.

5.6 Audio Settings (16-Band EQ & Subwoofer)

Customize your audio experience with the built-in 16-band equalizer. Adjust frequency bands to match your preferred music style. The unit also offers subwoofer control for enhanced bass.

FM/AM/RDS/16EQ/Subwoofer

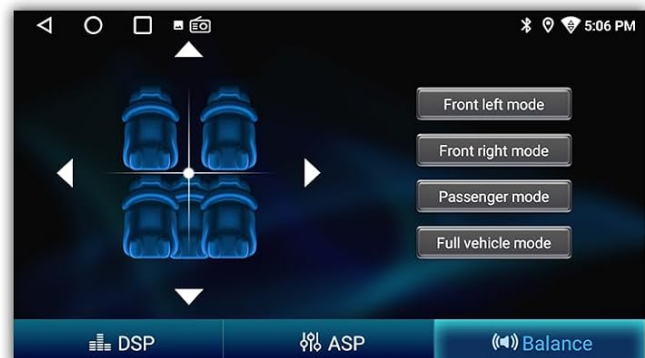
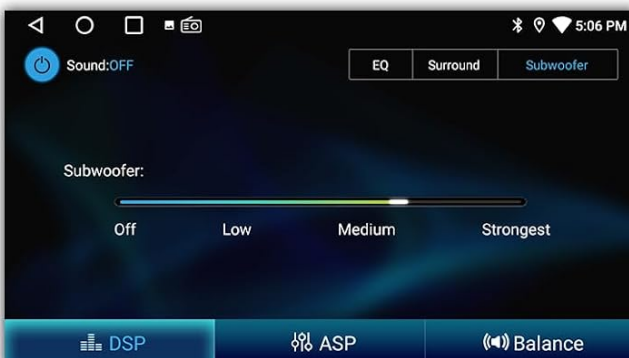
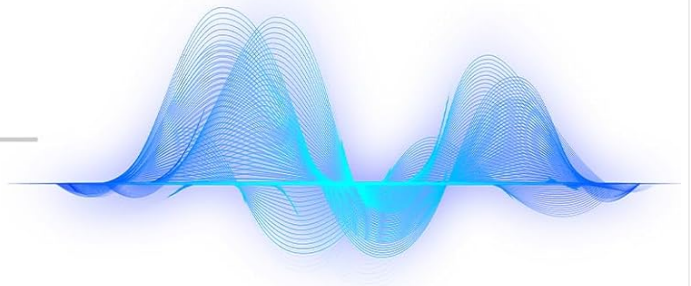


Image: Audio settings interface, including equalizer and subwoofer controls.

5.7 Mirror Link

Project your mobile phone screen onto the car stereo display, allowing you to view content from your phone directly on the larger screen.

5.8 Steering Wheel Control (SWC)

The unit supports existing steering wheel controls, allowing you to manage volume, tracks, and calls without taking your hands off the wheel.

6. MAINTENANCE

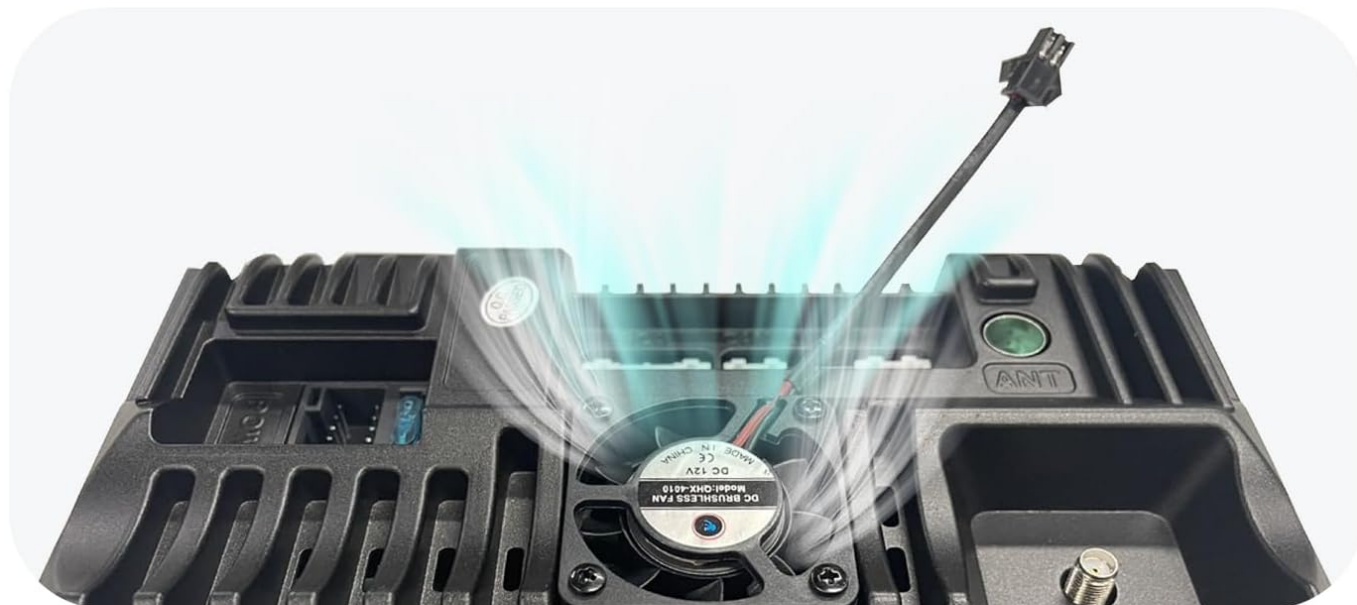
6.1 Screen Cleaning

Use the provided cleaning cloth or a soft, lint-free cloth to gently wipe the touchscreen. Avoid abrasive cleaners or solvents that could damage the screen surface.

6.2 Cooling System

The unit is equipped with a small cooling fan that automatically adjusts its speed based on ambient temperature to maintain optimal operating conditions. This helps prevent overheating during high-speed operation.

Small Cooling Fan



With Fan

It can automatically adjust the fan speed according to the ambient temperature to achieve stepless speed regulation.

Temperature regulation:

The fan system can stabilize the operating temperature of the machine within the temperature range of -40°C to $+65^{\circ}\text{C}$.

Temperature problem during high-speed operation:

When the machine is running at high speed, the ambient temperature will be generated in the chassis, and the temperature may rise by about 20°C . Because the back shell is made of metal, the heat of the motherboard needs to be conducted away. So it is normal for the back shell to get hot, please don't worry.

Temperature limit of PCB board:

The maximum ambient temperature that the PCB board actually needs to withstand is up to $+85^{\circ}\text{C}$. If this temperature is exceeded, the PCB board may be damaged.

Compared with low-end machines on the market, it is generally not equipped with a cooling fan.

Image: Integrated cooling fan for temperature regulation.

7. TROUBLESHOOTING

- **No Power:** Check all power connections and vehicle fuses. Ensure the battery is properly connected.
- **No Sound:** Verify speaker connections. Check volume levels and audio settings (EQ, balance). Ensure the correct audio source is selected.
- **Bluetooth Connection Issues:** Ensure Bluetooth is enabled on both the stereo and your phone. Delete previous pairings and attempt to re-pair.
- **CarPlay/Android Auto Not Connecting:** Ensure your phone's operating system is up to date. Check USB cable connection if using wired mode. Restart both the stereo and your phone.
- **Touchscreen Unresponsive:** Perform a soft reset of the unit (refer to specific instructions if available, or

disconnect/reconnect power).

- **Poor Radio Reception:** Check the antenna connection. Ensure the antenna is properly installed and not obstructed.

8. SPECIFICATIONS

Feature	Specification
Operating System	Android 12
CPU	8-Core
RAM	2GB
ROM	32GB
Screen Size	9 inch
Screen Resolution	1280x720 IPS
Connectivity	Bluetooth 5.2, USB, Wi-Fi
Special Features	Wireless CarPlay, Android Auto, Mirror Link, AM/FM/RDS Tuner, 16-Band EQ, Subwoofer Output, Touchscreen, SWC
Audio Output Mode	Stereo
Surround Sound Config	4.0
Number of Channels	4
Compatible Devices	Amplifier
Item Model Number	Nunoo-FordF150-2009-2012

9. WARRANTY AND SUPPORT

This product comes with a standard manufacturer’s warranty. Please refer to the warranty card included in your package or contact Nunoo customer support for specific details regarding warranty coverage and duration.

For technical assistance, troubleshooting, or any questions not covered in this manual, please contact Nunoo customer support through the retailer's platform or the official Nunoo website.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question