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> Nunoo 8-Core Car Radio User Manual for Dodge Ram 1500 2500 3500 (2013-2018) with Manual AC

Nunoo 8-Core 4+64G Car Radio for Dodge Ram 1500 2500 3500 2013-2018 Manual AC

Nunoo 8-Core Car Radio User Manual

For Dodge Ram 1500, 2500, 3500 (2013-2018) with Manual AC

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Nunoo 8-Core Car Radio. This unit is designed to enhance your driving experience with advanced features such as Wireless CarPlay, Android Auto, a high-definition touchscreen, and integrated navigation. Please read this manual thoroughly before use to ensure proper functionality and safety.



Image: The Nunoo 8-Core Car Stereo with 4GB RAM and 64GB ROM, designed for Dodge Ram 1500, 2500, 3500 models from 2013-2018 with manual AC.

2. PACKAGE CONTENTS

Verify that all items listed below are included in your package. If any items are missing or damaged, please contact customer support.

- User manual
- Cleaning cloth
- Power cord

- USB 4Pin cable
- USB 6Pin cable
- Car radio (1280*720) with frame
- GPS antenna
- AHD 1080P rear view camera

Accessories

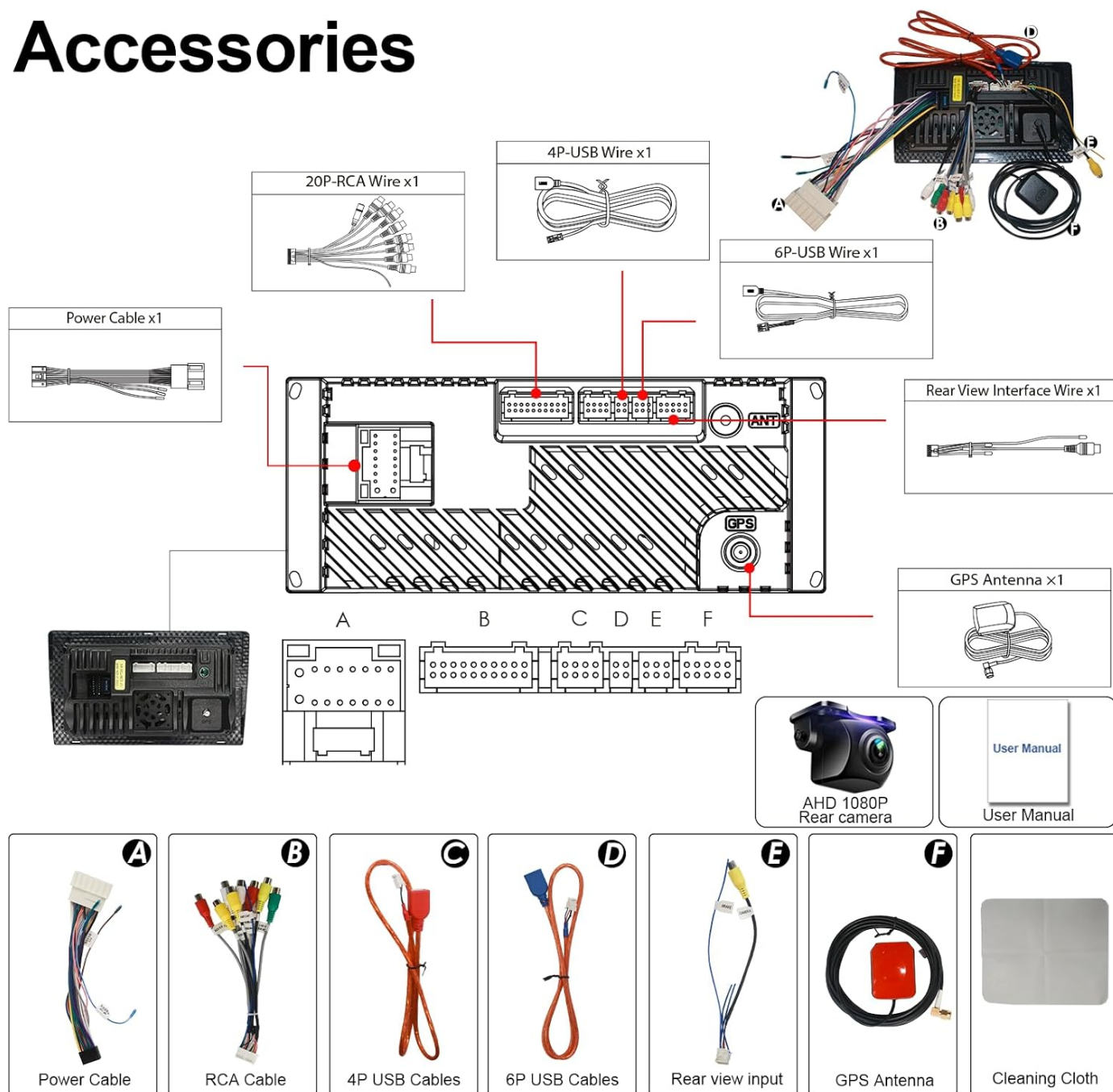


Image: A visual representation of all components included in the package, such as the head unit, frame, various cables (power, RCA, USB), GPS antenna, and AHD rear view camera.

3. PRODUCT OVERVIEW

3.1 Display and Interface

The unit features a 9-inch HD IPS touchscreen with a resolution of 1280x720 pixels, providing clear visuals and responsive touch control. The interface is designed for intuitive navigation.

1280*720 IPS & MULTI-TOUCH 10.1 INCH SCREEN

IPS

Touch

10.1
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**

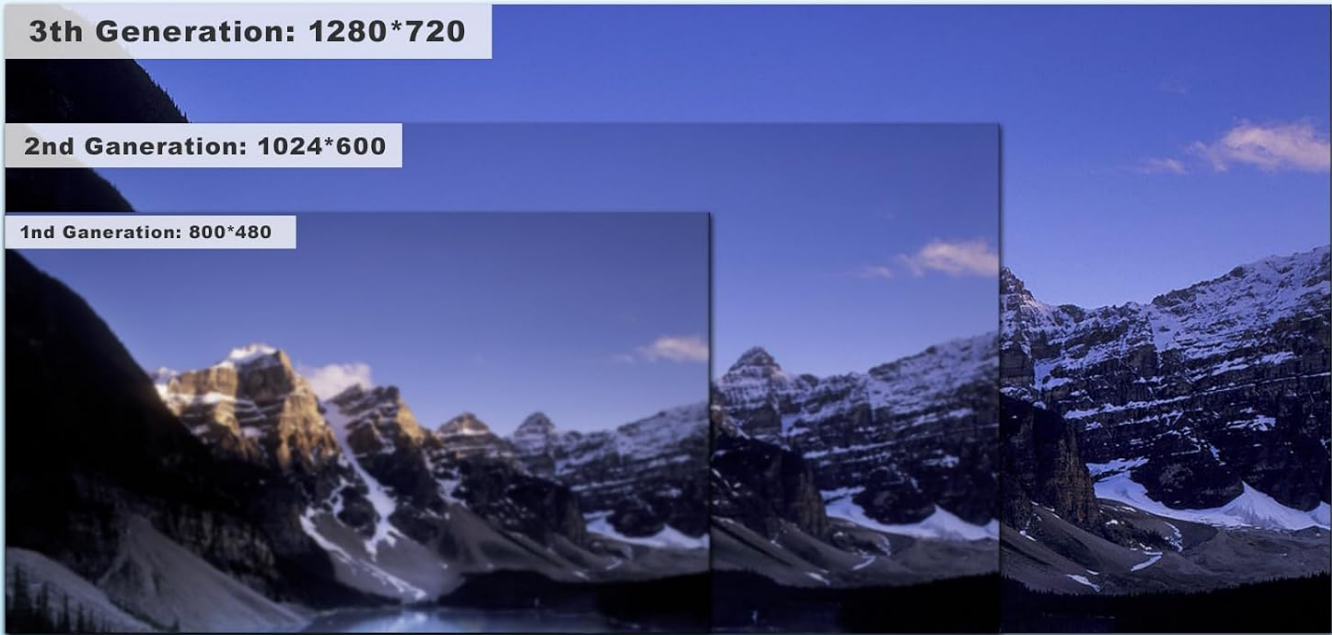


Image: A visual comparison highlighting the clarity and detail of the 1280x720 IPS touchscreen compared to lower resolution displays.

3.2 Processor and Memory

Equipped with an 8-core CPU, 4GB RAM, and 64GB ROM, the system ensures smooth operation, fast app loading, and efficient multitasking. This configuration supports various applications and features without performance degradation.

New generation super processor

8 cores/New CPU Architecture/Super Performance

IPS Touch 9 Inch 4K HD SWC Bluetooth 5.2

Carplay Android Auto mirror Link Android 12 8-Core RAM: 3GB ROM: 32GB

8 cores

New CPU architecture

Super performance

Increased by 25%

Increased by 50%

Increased by 200%

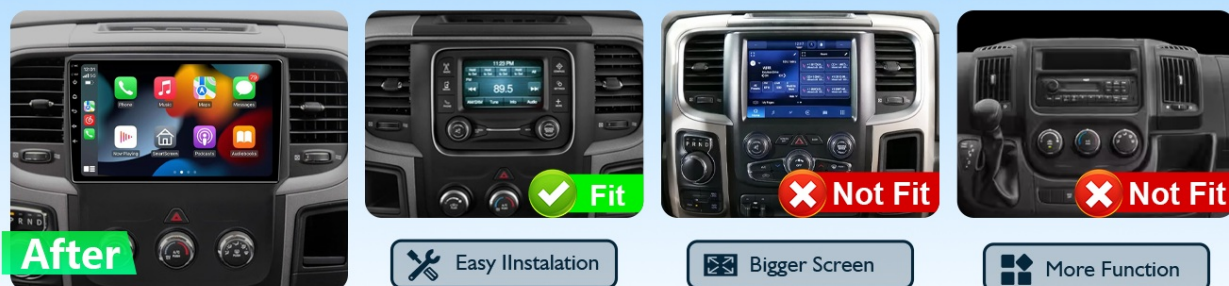
8 cores
Performance improved by 25%

Image: An illustration detailing the 8-core CPU architecture and its performance benefits, including increased processing speed and efficiency.

4. COMPATIBILITY

This car radio is specifically designed for Dodge Ram 1500, 2500, and 3500 models manufactured between 2013 and 2018, equipped with manual AC controls. It is crucial to verify your vehicle's dashboard configuration matches the compatible models shown below before installation.

Make Sure Your OEM Radio Matches The Photos



Note: The car model and year are for reference only. Please confirm the shape and size of the center console before buying this car radio. If you are not sure our car radio can fit your car, you can send messages or picture to us, we will give you advice.

Image: A guide showing different Dodge Ram OEM radio configurations, indicating which ones are compatible with this unit (specifically those with manual AC controls).

5. SETUP AND INSTALLATION

Installation of the Nunoo car radio requires technical knowledge and careful handling of vehicle wiring. Professional installation is recommended. The package includes a complete installation kit. Refer to the wiring diagram provided in the 'Accessories' section for connections.

5.1 General Installation Steps (Professional Recommended)

1. **Disconnect Battery:** Before starting, disconnect the vehicle's negative battery terminal to prevent electrical shorts.
2. **Remove OEM Radio:** Carefully remove the existing factory radio and dashboard trim. Use appropriate tools to avoid damage.
3. **Connect Wiring Harness:** Connect the provided power cord and other necessary cables (USB, RCA, GPS antenna, backup camera) to the new head unit and the vehicle's wiring harness. Ensure all connections are secure.
4. **Install GPS Antenna:** Mount the GPS antenna in a location with a clear view of the sky, typically on the dashboard or under the windshield.
5. **Install Backup Camera:** Route the backup camera cable from the rear of the vehicle to the head unit. Connect the camera and its power supply according to the diagram.
6. **Test Functionality:** Before fully reassembling the dashboard, reconnect the battery and test all functions of the new radio (power, audio, touchscreen, CarPlay/Android Auto, backup camera, steering wheel controls).
7. **Reassemble Dashboard:** Once all functions are verified, carefully reassemble the dashboard trim and secure the new car radio in place.

For detailed visual guidance, search online for installation videos specific to Dodge Ram 2013-2018 radio upgrades. While the exact unit may differ, the general dashboard removal and wiring principles often apply.

6. OPERATING INSTRUCTIONS

6.1 Power On/Off

Press and hold the power button on the unit or use the vehicle's ignition to power the device on or off. A short press typically mutes or unmutes the audio.

6.2 Touchscreen Operation

The 9-inch IPS touchscreen supports multi-touch gestures. Navigate through menus, select applications, and control media playback by tapping, swiping, and pinching on the screen.

6.3 Wireless CarPlay and Android Auto

Connect your iPhone or Android smartphone wirelessly to access navigation, make calls, send messages, and listen to music directly from the car radio display. This feature allows for voice control via Siri or Google Assistant.

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: Displays of Wireless CarPlay and Android Auto interfaces, demonstrating seamless smartphone integration for navigation, communication, and entertainment.

6.4 Bluetooth Hands-Free Calling

Pair your smartphone via Bluetooth 5.4 to make and receive calls hands-free. The system automatically connects to your paired device upon startup. You can also stream audio from your phone.



Image: A visual representation of the Bluetooth hands-free calling function, showing a driver safely communicating while driving.

6.5 Navigation and Wi-Fi

The unit supports online and offline GPS navigation. Connect to Wi-Fi to download maps, stream content, and access various applications like Waze, Spotify, and YouTube from the Google Play Store.



Image: The car radio screen displaying GPS navigation alongside icons for various popular applications accessible via Wi-Fi.

6.6 Audio Settings (AM/FM/RDS, EQ, Subwoofer)

Access the AM/FM radio with RDS functionality to tune into your favorite stations. Customize your audio experience with the 32-band equalizer (EQ) and adjust subwoofer settings for optimal sound quality.

32-EQ Adjustment FM/AM Radio

DSP HiFi Subwoofer Sound and FM/AM/RDS Radio

32-band EQ adjustment + DSP HiFi sound effects + Subwoofer



RDS



Image: Screenshots demonstrating the detailed audio customization options, including the 32-band equalizer, Digital Sound Processor (DSP) settings, and subwoofer controls.

6.7 Steering Wheel Controls (SWC)

The unit retains compatibility with your vehicle's factory steering wheel controls, allowing you to manage calls, adjust volume, and change tracks without taking your hands off the wheel.



Image: The car radio's interface for mapping and utilizing existing steering wheel controls for convenient operation.

6.8 Backup Camera

The included AHD 1080P rear view camera provides a clear, wide-angle view (178°) of the area behind your vehicle, enhancing parking safety. The display automatically switches to the camera feed when reversing.



Image: A demonstration of the backup camera's wide-angle view displayed on the car radio screen, illustrating its night vision and waterproof features.

6.9 Mirror Link

Utilize the Mirror Link function to project your smartphone screen directly onto the car radio display, allowing you to view apps and content from your phone on a larger screen.

7. MAINTENANCE

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

- **Screen Cleaning:** Use the provided cleaning cloth or a soft, lint-free cloth to gently wipe the touchscreen. Avoid abrasive cleaners or harsh chemicals.
- **General Cleaning:** Keep the unit free from dust and debris. Use a soft brush or compressed air for hard-to-reach areas.
- **Temperature:** Avoid exposing the unit to extreme temperatures.
- **Software Updates:** Periodically check for software updates to ensure the best performance and access to new features.

8. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
No Power	Loose power connection, blown fuse, vehicle battery issue.	Check power cable connections. Inspect vehicle fuses. Verify battery charge.
No Sound	Volume muted, incorrect audio source, loose speaker wires.	Check volume and mute settings. Select correct audio source. Verify speaker wire connections.
Touchscreen Unresponsive	System freeze, calibration issue.	Restart the unit. If issue persists, perform a factory reset (refer to settings menu).

Problem	Possible Cause	Solution
CarPlay/Android Auto Not Connecting	Bluetooth/Wi-Fi off, phone compatibility, app issues.	Ensure phone's Bluetooth/Wi-Fi is on. Check phone settings for CarPlay/Android Auto. Restart phone and unit.
Backup Camera Not Displaying	Loose camera connection, incorrect wiring, camera malfunction.	Check camera cable connections. Verify power to the camera. Ensure correct input selection.

If the problem persists after attempting these solutions, please contact Nunoo customer support for further assistance.

9. SPECIFICATIONS

Feature	Detail
Processor	8-Core CPU
Memory (RAM)	4GB
Storage (ROM)	64GB
Display	9-inch HD IPS Touchscreen (1280x720)
Operating System	Android
Connectivity	Bluetooth 5.4, Wi-Fi
Special Features	Wireless CarPlay, Android Auto, Mirror Link, GPS Navigation, AM/FM/RDS, 32EQ, DSP, Rear View Camera Input, SWC
Compatible Devices	Amplifier, Smartphone, Speaker
Audio Output Mode	Stereo
Item Weight	3.56 pounds
Package Dimensions	13.6 x 10 x 5.7 inches

10. WARRANTY AND SUPPORT

Nunoo provides professional pre-sales and after-sales service. For any questions regarding installation, technical support, or warranty claims, please contact our support team.

10.1 How to Contact Support

You can reach our support team through the seller's storefront on Amazon:

1. Visit the product page on Amazon.
2. Click on the seller name, "NUNOO".
3. On the seller's page, click "Ask a question" to send a message.

Please provide pictures or videos of any technical or installation issues you encounter to help us assist you more efficiently.

How to reach us for installation & technical support?

STEP 1

In Stock

Quantity: 1

[Add to Cart](#)

[Buy Now](#)

Ships from **Amazon**

Sold by **NUNOO**

Returns Eligible for return within 30 days of receipt

Support Product support included

Step 1 Click "NUNOO"

Step 2 Click "Ask a question"

Step 3 Please send us pictures or videos of the technical or installation questions you met. Then we will get back to you as soon as possible.

STEP 2

Seller

Visit the **Seller** storefront

★★★★★ | 100% positive in the last 12 months (15 ratings)

About Seller

Seller is committed to providing each customer with the highest standard of customer service.

Have a question for **Seller** ?

[Ask a question](#)

Image: A visual guide demonstrating the steps to contact Nunoo customer support through the Amazon platform.

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](#)

