



Manuals.plus /

› EsaSam /

› EsaSam Double Din Car Stereo Multimedia Radio for Peugeot 207 (2006-2015) - Model NF7 8G+256G User Manual

EsaSam NF7 8G+256G

EsaSam Double Din Car Stereo Multimedia Radio User Manual

Model: NF7 8G+256G | Compatible with Peugeot 207 (2006-2015)

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your EsaSam Double Din Car Stereo Multimedia Radio, Model NF7 8G+256G. Please read this manual thoroughly before using the product to ensure correct operation and to prevent damage. Keep this manual for future reference.

2. SAFETY INFORMATION

- **Driving Safety:** Always prioritize safe driving. Do not operate the system in a way that distracts you from the road. Adjust settings only when the vehicle is stationary.
- **Installation:** Professional installation is recommended. Incorrect installation can lead to damage to the device or vehicle. Ensure all connections are secure and properly insulated.
- **Power Supply:** Connect the unit only to a 12V DC power supply with a negative ground.
- **Moisture:** Do not expose the unit to moisture or water to prevent electric shock or fire.
- **Temperature:** Avoid extreme temperatures. The operating temperature range is typically -20°C to +70°C.

3. PRODUCT OVERVIEW

The EsaSam Double Din Car Stereo is a 9-inch touchscreen multimedia system designed for Peugeot 207 models from 2006 to 2015. It features an Android 13 operating system, an 8-core processor, and extensive connectivity options.



Figure 3.1: Front view of the EsaSam Double Din Car Stereo with its custom bezel and included rear view camera.

Key Features:

- Android 13 Operating System
- 9-inch QLED High-Definition IPS Touch Screen (1280*720 resolution)
- 8-core Processor with 8GB RAM and 256GB ROM
- Built-in GPS Navigation (online and offline maps)
- Wireless Apple CarPlay and Wired Android Auto support
- Bluetooth 5.0 for hands-free calls and audio streaming
- FM/AM/RDS Radio
- Built-in 4G LTE and WiFi connectivity
- Digital Sound Processor (DSP) for audio adjustments
- Support for original Steering Wheel Controls
- Includes AHD 1080P Rear View Camera
- Dual Cooling Fans for enhanced heat dissipation
- Support for Split Screen and Floating Window functions

4. SETUP AND INSTALLATION

This section outlines the general steps for installing the car stereo. Due to the complexity of vehicle electronics, professional installation is highly recommended.

4.1 Compatibility Check

Ensure your vehicle is a Peugeot 207 manufactured between 2006 and 2015. Verify that the original center console matches the product's shape and style for proper fitment. If unsure, consult the seller with a picture of your original console.



Figure 4.1: Visual comparison of the dashboard before and after the car stereo installation.

4.2 Basic Installation Steps (General Guide)

1. **Disconnect Battery:** Before starting, disconnect the negative terminal of your vehicle's battery to prevent electrical shorts.
2. **Remove Original Unit:** Carefully remove the existing car stereo and any surrounding trim panels. Refer to your vehicle's service manual for specific instructions.
3. **Connect Wiring Harness:** Connect the provided wiring harness to the vehicle's wiring. Ensure all

connections (power, ground, speakers, antenna, CANbus, etc.) are correctly matched. The unit comes with a necessary power adapter and bezel.

4. **GPS Antenna:** Install the GPS antenna in a location with a clear view of the sky, typically on the dashboard or under the windshield.
5. **Rear View Camera:** Install the AHD rear view camera at the rear of the vehicle and route its cable to the head unit. Connect the camera's power to the reverse light circuit and the video signal to the designated input on the stereo.
6. **Test Connections:** Before fully reassembling, reconnect the battery and perform a basic test of the unit's functions (power on, radio, sound, camera).
7. **Secure Unit:** Mount the new car stereo securely into the dashboard opening using the provided brackets and bezel. Reinstall all trim panels.
8. **Final Checks:** Verify all functions again, including steering wheel controls and GPS signal.

5. OPERATING INSTRUCTIONS

5.1 Power On/Off and Basic Interface

Press the power button (usually located on the front panel or a soft button on the screen) to turn the unit on or off. The 9-inch touchscreen provides access to all functions. Swipe left/right or tap icons to navigate between applications and settings.

5.2 Navigation (GPS)

The unit features built-in GPS navigation. Tap the "Navigation" icon to access the map application. It supports both online and offline maps. For offline maps, connect to WiFi to download the necessary map data for your region.



Figure 5.1: Display showing the built-in GPS navigation and RDS radio interface.

5.3 Radio (FM/AM/RDS)

Tap the "Radio" icon to access the FM/AM tuner. The unit supports RDS (Radio Data System) for displaying station information. You can manually search for stations or use the automatic search function. Favorite stations can be saved for quick access.

5.4 Bluetooth 5.0

Pair your smartphone via Bluetooth for hands-free calling and audio streaming.

- **Pairing:** Go to Bluetooth settings on the stereo and your phone. Search for the stereo's Bluetooth name (e.g., "CarBT") and pair.
- **Hands-free Calls:** Once paired, you can make and receive calls directly from the stereo. Your phone's contact list can be synchronized.
- **Audio Streaming:** Play music from your phone through the car's speakers.

5.5 Apple CarPlay / Android Auto

Connect your smartphone for an integrated experience.

- **Wireless CarPlay:** For Apple iPhones, connect wirelessly via Bluetooth and Wi-Fi. Follow the on-screen prompts to establish the connection.
- **Wired Android Auto:** For Android phones, connect via a USB cable. Ensure Android Auto is installed on your phone.
- Access navigation, music, messages, and other compatible apps directly from the stereo's screen.



Figure 5.2: Overview of advanced features including Carplay/Android Auto connectivity and DSP Equalizer.

5.6 Digital Sound Processor (DSP)

The built-in DSP allows for advanced audio adjustments. Access the DSP settings to customize sound effects, equalizer presets (pop, rock, jazz, etc.), and optimize the audio output for your vehicle's acoustics.

5.7 Steering Wheel Control (SWC)

The unit supports your vehicle's original steering wheel controls. To configure, go to the system settings and locate the "Steering Wheel Control" or "CANbus Protocol" learning function. Follow the on-screen instructions to map your steering wheel buttons to the stereo's functions.

5.8 4G LTE and WiFi Connectivity

The NF7 model supports 4G LTE connectivity (requires a SIM card, not included) and built-in WiFi. Connect to a local WiFi hotspot or insert a 4G SIM card to access online features, download apps, and stream content.

Figure 5.3: Displaying 4G LTE + WiFi connectivity, Split Screen, and Floating Window features.

5.9 Split Screen and Floating Window

- **Split Screen:** Allows two applications to be displayed simultaneously on the screen, such as navigation and music. This enhances multitasking and convenience.
- **Floating Window:** Supports a picture-in-picture (PIP) display for video or DVR applications, allowing you to view content while using other functions.

5.10 Rear View Camera

When the vehicle is shifted into reverse gear, the display will automatically switch to the view from the included AHD 1080P rear view camera. This provides a clear view of the area behind your vehicle, assisting with parking and maneuvering.

6. MAINTENANCE

- **Screen Cleaning:** Use a soft, lint-free cloth slightly dampened with water or a screen cleaner specifically

designed for electronics. Do not use abrasive cleaners or solvents.

- **General Cleaning:** Keep the unit free from dust and debris. Use a soft, dry cloth for exterior surfaces.
- **Software Updates:** Periodically check for software updates from the manufacturer to ensure optimal performance and access to new features.
- **Heat Dissipation:** The unit is equipped with dual cooling fans. Ensure that the ventilation areas are not obstructed to maintain proper heat dissipation.

7. TROUBLESHOOTING

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

- **No Power:**
 - Check all power connections and fuses.
 - Ensure the vehicle's battery is charged.
- **No Sound:**
 - Verify speaker connections.
 - Check volume levels and mute settings.
 - Ensure the correct audio source is selected.
- **GPS Not Working / Inaccurate:**
 - Ensure the GPS antenna is properly installed and has a clear view of the sky.
 - Check GPS settings within the unit.
 - Download or update offline maps via WiFi.
- **Bluetooth Connection Issues:**
 - Ensure Bluetooth is enabled on both the stereo and your phone.
 - Delete previous pairings and re-pair the devices.
 - Restart both the stereo and your phone.
- **Touchscreen Unresponsive:**
 - Perform a soft reset of the unit (refer to the device's settings for a reset option, or power cycle the unit).
 - Ensure the screen is clean and free of debris.

If problems persist, contact customer support for further assistance.

8. SPECIFICATIONS (MODEL NF7 8G+256G)

	NF-1	NF-2	NF-3	NF-4	NF-5	NF-6	NF-7
Model							
Internet	WIFI	WIFI	4G LTE +WIFI	4G LTE +WIFI	4G LTE +WIFI	4G LTE +WIFI	4G LTE +WIFI
OS	Android 13		Android 13		Android 13		
Core	4Core		8Core		8Core 2.0GHz 7862S		
RAM/ROM	1+32GB	2+32GB	2+32GB	4+64GB	4+64GB	8+128GB	8+256GB
Car-Play+ Android Auto	✗	 wireless Car-Play +  wired Android auto					
Screen	IPS	IPS	QLED	QLED	QLED	QLED	QLED
Resolution	1280*720	1280*720	1280*720	1280*720	1280*720	1280*720	1280*720
BT module	BT 5.0	BT 5.0	BT 5.0	BT 5.0	BT 5.0	BT 5.0	BT 5.0
DSP	✗	✗	✓	✓	✓	✓	✓
RDS	✗	✗	✓	✓	✓	✓	✓
Full AV Output	Optional	Optional	Optional	Optional	Optional	Optional	Optional
 Voice control	Optional	Optional	Optional	Optional	Optional	Optional	Optional
 Dual Cooling fan	✗	✗	✓	✓	✓	✓	✓
ADAS DVR	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Rear View Cam	Optional	Optional	Optional	Optional	Optional	Optional	Optional
360 panoramic	Optional	Optional	Optional	Optional	Optional	Optional	Optional

Figure 8.1: Specification comparison table for EsaSam car stereo models.

Feature	Specification
Model	NF7
Internet	4G LTE + WiFi
Operating System	Android 13
Core Processor	8-Core (2.0GHz 7862S)
RAM/ROM	8GB RAM + 256GB ROM
CarPlay/Android Auto	Wireless CarPlay + Wired Android Auto
Screen Type	QLED
Screen Resolution	1280*720
Bluetooth Module	BT 5.0
DSP	Yes
RDS	Yes
Dual Cooling Fan	Yes
Rear View Camera	AHD 1080P (Included)
Compatibility	Peugeot 207 (2006-2015)

9. WARRANTY AND SUPPORT

For warranty information, please refer to the terms and conditions provided at the time of purchase or contact your retailer. If you require technical assistance or have questions not covered in this manual, please contact EsaSam customer support through the seller's platform or their official website.

Please have your product model (NF7 8G+256G) and purchase details ready when contacting support.