

EsaSam 4 core nf2 2g+32g

EsaSam Double Din Car Stereo Multimedia Radio Instruction Manual

Model: 4 core nf2 2g+32g

Brand: EsaSam

1. PRODUCT OVERVIEW

This EsaSam Double Din Car Stereo Multimedia Radio is designed for Audi A4 S4 B6 B7 models, offering a 9-inch touchscreen display with advanced features such as GPS navigation, MP5 player functionality, DSP, RDS FM radio, and seamless integration with Apple CarPlay and Android Auto. It operates on an Android 13 system, providing a modern and efficient in-car entertainment and navigation experience.

2. COMPATIBILITY AND PACKAGE CONTENTS

2.1 Vehicle Compatibility

This car stereo is compatible with Audi A4 S4 B6 B7 vehicles. Before purchase and installation, ensure that your vehicle's original center console matches the shape and style shown in the product images. If there are discrepancies, consult with a professional installer or the manufacturer for confirmation.

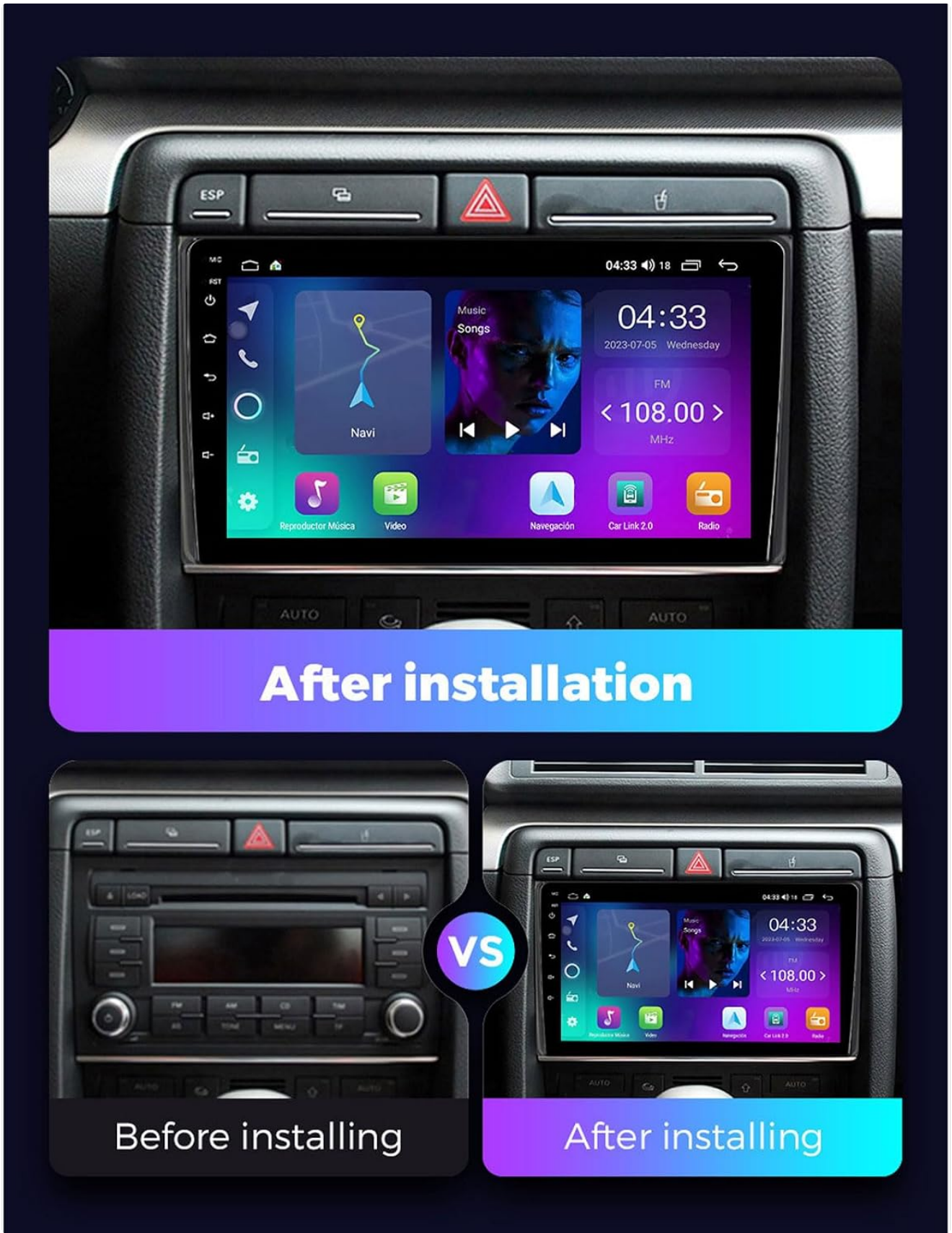
2.2 Package Contents

The package typically includes:

- EsaSam 9-inch Car Stereo Head Unit (Model: 4 core nf2 2g+32g)
- Vehicle-specific bezel
- Necessary power adapter and wiring harness
- AHD Rear View Camera
- GPS Antenna
- USB Cables
- User Manual (this document)

3. SETUP AND INSTALLATION

Professional installation is highly recommended for this product to ensure proper functionality and to avoid damage to your vehicle or the stereo unit. The installation process involves removing the original car radio, connecting the new unit's wiring harness, installing the AHD rear view camera, and securing the new head unit with the provided bezel.



This image illustrates the appearance of the car stereo unit before and after installation in an Audi A4 S4 B6 B7 dashboard. The top panel shows the unit fully installed, displaying the main interface with music, navigation, and radio options. The bottom panel provides a side-by-side comparison, highlighting the transformation from the original car radio to the new 9-inch touchscreen

3.1 Initial Power On

After installation, turn on your vehicle's ignition. The car stereo should power on automatically. If it does not, check the power connections and vehicle's fuse box.

3.2 Basic Settings

Upon first use, you may need to configure basic settings such as language, time, and date. Access these through the 'Settings' menu on the touchscreen interface.

4. OPERATING INSTRUCTIONS

4.1 Touchscreen Interface

The unit features a 9-inch High-Definition IPS capacitive multi-touch screen with a resolution of 1280*720 pixels. Navigate through menus and applications by tapping, swiping, and pinching gestures similar to a smartphone.

4.2 Radio (FM/AM/RDS)

Access the 'Radio' application from the main menu. The unit supports FM (87.5-108.5MHz) and AM (520-1700 Hz) bands with RDS functionality. You can perform automatic or manual station searches and save your favorite stations as presets.

GPS avigation

Built-in global GPS avigation

Built-in global positioning system, omni-directional map display, synchronous display real-time traffic conditions, rapid and accurate positioning.

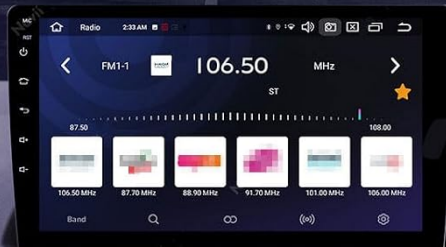


RDS Radio

RDS Radio FM/AM

RDS Only NF-3~NF-7

supports automatic search and manual search. You can drag the icon of target station and replace it into channel list.



Rear View

Rear View Cam 1080P AHD

Only NF-3~NF-7

1080P AHD waterproof rear camera, it can switch to reverse screen with parking line when reversing car. Whatever day or night, clear enough to see the back view.



Rear View Cam

AHD 1080P Rear View Cam

Rear view Camera is included



This image displays several key features of the EsaSam car stereo. The top left shows the built-in GPS navigation interface with various map applications. The top right illustrates the 1080P AHD rear view camera display, including parking guidelines. The bottom section details the RDS Radio functionality, showing frequency tuning and preset options. A separate image of the AHD rear view camera is also included.

4.3 Bluetooth 5.0

Pair your smartphone via Bluetooth 5.0 for hands-free calling and audio streaming. Access the 'Bluetooth' application to search for devices, pair, and manage your contact list. The unit supports synchronizing your phone's contact list.

4.4 GPS Navigation

The unit comes with a GPS antenna and supports both online and offline navigation maps. To use offline maps, connect to Wi-Fi and download the desired map data. Access navigation through the 'Navi' or 'Maps' application.

4.5 Apple CarPlay & Android Auto

The stereo supports wireless Apple CarPlay and wired Android Auto. Connect your smartphone to access compatible apps, navigation, music, and voice assistants directly from the car stereo display.



This image highlights several advanced features of the EsaSam car stereo. It showcases the 'Quantum Screen' with 1280*720 resolution and 2.5D arc design, the 'Steering Wheel Control' function for safe operation, and the 'Dual Cooling Fan' system for efficient heat dissipation. Also featured are the 'DSP Equalizer Adjustments' for enhanced audio, and sections detailing the 'Built-in Carplay + Android Auto' for seamless smartphone integration.

4.6 Multimedia Playback (MP5 Player)

Play audio and video files (up to 1080P HD) from USB storage devices. The unit also supports AUX-IN audio input. Various sound effects (pop, rock, jazz) can be adjusted through the DSP equalizer.

4.7 Steering Wheel Control

The unit supports original steering wheel controls. Access the system settings and follow the on-screen instructions to learn or configure the CANBUS protocol for your vehicle, allowing you to control basic functions without taking your hands off the wheel.

4.8 Rear View Camera

The included AHD 1080P waterproof rear view camera automatically displays the rear view when reversing, providing clear visibility day or night.

4.9 Connectivity (WIFI)

The unit has a built-in WIFI function, allowing you to connect to a Wi-Fi hotspot for internet access, app downloads, and online services.

Support 4G Lte+WIFI Only NF-3~NF-7

The built-in 4G modules lets you stay connected to fast cellular data networks practically anywhere you go, so you don't need to turn on your phone's hotspot every time to connect.

(Also supports wifi connection)

Support Split Screen

Support for two applications to be displayed on the screen at the same time, which makes the operation more convenient and faster.

Support Floating Window

Support video and DVR application of Floating Window, customize the display position, and make your driving experience full of cool colors.

One key to enter the secondary page

Music

Screen capture

Background running/split screen

Volume

Screen brightness

Settings

Customizable application add,delete,move

FM/AM

You can customize the picture-in-picture application

Click ZLINKS to enter the APP. Use Car-Play - Android Auto function

Click one button to enter the navigation. Press and hold to enter Dial, FM/AM, Music, Video

Toggle picture in picture application display

This image illustrates additional functionalities of the EsaSam car stereo. The top left highlights support for 4G LTE (for NF-3 to NF-7 models) and built-in WIFI connectivity. The top right demonstrates the 'Support Split Screen' feature, allowing two applications to run simultaneously. The bottom section shows the 'Support Floating Window' function, enabling a video player or other applications to overlay the main screen.

4.10 Split Screen & Floating Window

Utilize the split-screen function to display two applications simultaneously, such as navigation and music. The floating window feature allows a video player or other applications to overlay the main screen, enhancing multitasking capabilities.

4.11 DSP Equalizer

The Digital Sound Processor (DSP) allows for fine-tuning of audio output. Access the equalizer settings to adjust sound effects and music styles (e.g., pop, rock, jazz) to your preference, including subwoofer audio output.

4.12 File Manager & App Installation

The built-in file manager allows you to download, install, and delete Android applications. You can customize the home screen with various apps from the app store.

5. MAINTENANCE

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

- **Cleaning the Screen:** Use a soft, lint-free cloth to gently wipe the touchscreen. Avoid abrasive cleaners or harsh chemicals that could damage the display.
- **Software Updates:** Periodically check for system software updates through the 'Settings' menu to ensure you have the latest features and security patches.
- **Heat Management:** The unit is equipped with dual cooling fans for efficient heat dissipation. Ensure proper ventilation around the unit to prevent overheating, especially during prolonged use or in hot climates.
- **Avoid Liquid Exposure:** Keep liquids away from the unit to prevent internal damage.

6. TROUBLESHOOTING

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

- **No Power:** Check the vehicle's fuse box and the stereo's power connections. Ensure the ignition is on.
- **No Sound:** Verify volume levels, check speaker connections, and ensure the audio output mode is correctly selected. Check DSP settings.
- **GPS Signal Issues:** Ensure the GPS antenna is properly installed and has a clear view of the sky. If using offline maps, confirm they are downloaded.
- **Bluetooth Pairing Failure:** Ensure Bluetooth is enabled on both the stereo and your smartphone. Try restarting both devices and re-attempting the pairing process.
- **Touchscreen Unresponsive:** Try restarting the unit. If the issue persists, a factory reset might be necessary (note: this will erase all user data).
- **Steering Wheel Controls Not Working:** Re-enter the system settings and re-configure the CANBUS protocol learning function.

For persistent issues not resolved by these steps, contact customer support or a qualified technician.

7. SPECIFICATIONS

The following table outlines the key specifications for the EsaSam Double Din Car Stereo Multimedia Radio (Model: 4 core nf2 2g+32g):

	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

This image presents a detailed comparison table for various EsaSam car stereo models (NF-1 through NF-7). It highlights differences in internet connectivity (WIFI, 4G LTE+WIFI), operating system (Android 13), core count (4Core, 8Core), RAM/ROM configurations, CarPlay/Android Auto support (wireless/wired), screen type (IPS, QLED), resolution (1280*720), Bluetooth module (BT 5.0), DSP, RDS, Full AV Output, Voice Control, Dual Cooling Fan, ADAS DVR, Rear View Cam, and 360 panoramic support.

The current model (NF-2) is specifically a 4Core, 2GB RAM + 32GB ROM unit with IPS screen, BT 5.0, and WIFI.

Feature	Specification
Model	4 core nf2 2g+32g
Operating System	Android 13
Processor	4-core
RAM	2GB DDR3
ROM	32GB
Screen Size	9-inch
Screen Type	IPS Capacitive Multi-Touch
Screen Resolution	1280*720
Video Playback	Supports HD 1080P
Bluetooth	Bluetooth 5.0 (Hands-free calls, contact sync, music streaming)
Wi-Fi	Built-in Wi-Fi function
Radio Tuner	FM (87.5-108.5MHz), AM (520-1700 Hz), RDS support
GPS Navigation	Built-in GPS antenna, supports online/offline maps
CarPlay/Android Auto	Wireless CarPlay, Wired Android Auto
Audio Output Mode	Stereo, Subwoofer audio output
Special Features	DSP Equalizer, Dual Zone function, Steering Wheel Control, AHD Rear View Camera support, Mobile Mirror Link, Split Screen, Floating Window, Multi-language support
Compatible Devices	Smartphone, Speaker
Control Method	Touch
Date First Available	March 30, 2024

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