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EsaSam NF1 (4-core 1G+32G)

EsaSam Double Din Car Stereo Multimedia Radio User Manual

Model: NF1 (4-core 1G+32G) for Ford Fiesta Mk6 (2008-2019)

Brand: EsaSam

Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your EsaSam Double Din Car Stereo Multimedia Radio, Model NF1 (4-core 1G+32G), specifically designed for Ford Fiesta Mk6 vehicles manufactured between 2008 and 2019. Please read this manual thoroughly before using the product to ensure proper function and safety.



Image: The EsaSam Double Din Car Stereo head unit, showcasing its 9-inch touchscreen display, alongside the included AHD rear view camera.

Product Overview

The EsaSam Car Stereo is an advanced multimedia system featuring an Android 13 operating system, a 9-inch touchscreen, and integrated navigation. It supports various functions including Carplay/Android Auto, Bluetooth, FM/AM/RDS radio, and multimedia playback. This specific model, NF1, comes with a 4-core processor and 1GB RAM + 32GB ROM configuration.

- Android 13 Operating System
- 9-inch High-Definition IPS Touch Screen (1024*600 resolution)
- 4-core Processor, 1GB RAM, 32GB ROM
- Built-in GPS Navigation (supports online and offline maps)
- Bluetooth 5.0 for hands-free calls and music streaming
- FM/AM/RDS Radio
- Supports Wireless Carplay and Wired Android Auto
- Steering Wheel Control compatibility
- Includes AHD Rear View Camera

Setup and Installation

Before installation, ensure your vehicle is a Ford Fiesta Mk6 (2008-2019). Verify that the original center console matches the product's shape and style. Professional installation is recommended.

Package Contents:

- EsaSam Double Din Car Stereo Head Unit
- AHD Rear View Camera
- GPS Antenna
- Necessary Power Adapter and Wiring Harness
- Bezel (if applicable for specific vehicle fitment)

Installation Steps (General Guide):

1. **Disconnect Battery:** Before starting, disconnect the vehicle's negative battery terminal to prevent electrical shorts.
2. **Remove Original Radio:** Carefully remove the existing car radio and trim panels. Refer to your vehicle's service manual for specific instructions.
3. **Connect Wiring:** Connect the provided wiring harness to the car stereo and the vehicle's wiring. Ensure all connections are secure. Connect the GPS antenna and the AHD rear view camera cables.
4. **Test Functionality:** Before fully reassembling, temporarily connect the battery and test the stereo's basic functions (power on, radio, touch screen).
5. **Mount New Stereo:** Secure the new EsaSam stereo into the dashboard opening.
6. **Reassemble:** Reinstall all trim panels and reconnect the battery.

	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

Image: A visual comparison showing the vehicle's dashboard before and after the installation of the EsaSam car stereo, demonstrating the integrated fit.

Operating Instructions

1. Basic Operation:

- **Power On/Off:** Press and hold the power button (usually on the front panel or screen) to turn the unit on or off.
- **Volume Control:** Adjust volume using the on-screen controls or steering wheel controls (if configured).
- **Touchscreen:** Navigate menus and select options by touching the screen.

2. Navigation (GPS):

The unit comes with a built-in GPS antenna and supports both online and offline maps. For offline maps, connect to Wi-Fi to download map data.

- Tap the "Navi" or "Navigation" icon on the home screen to launch the navigation application.
- Follow on-screen prompts to set destinations, view routes, and access navigation settings.



Image: The car stereo screen showing the GPS navigation interface, a simulated rear view camera feed with parking lines, and the RDS radio display.

3. Radio (FM/AM/RDS):

- Select the "Radio" icon from the main menu.
- Use the on-screen controls to scan for stations, manually tune, or select preset stations.
- RDS (Radio Data System) provides additional information like station name and program type where available.

4. Bluetooth 5.0:

Connect your mobile phone for hands-free calling and audio streaming.

1. Go to "Settings" and select "Bluetooth".
2. Enable Bluetooth on your phone and search for available devices.
3. Select the car stereo (e.g., "CarBT" or similar) from your phone's list and pair.
4. Once paired, you can make/receive calls and play music through the stereo.

5. Carplay / Android Auto:

This unit supports Wireless Carplay and Wired Android Auto.

- **For Wireless Carplay:** Ensure your iPhone's Wi-Fi and Bluetooth are on. Connect via Bluetooth first, then follow prompts for Carplay.
- **For Wired Android Auto:** Connect your Android phone via a USB cable to the stereo's USB port. Ensure Android Auto is installed on your phone.
- Access Carplay or Android Auto from the main menu once connected.



Image: A collage highlighting various features of the car stereo, such as the cooling fan, QLED screen technology, steering wheel control integration, DSP equalizer, and wireless Carplay/Android Auto connectivity.

6. Multimedia Playback:

Play audio and video files from USB drives or connected devices.

- Insert a USB drive into the designated USB port.
- Select the "Music" or "Video" icon to browse and play media files.
- The unit supports HD 1080P video format.

7. Steering Wheel Control:

The unit supports original steering wheel controls. Configuration may be required.

- Go to "System Settings" and locate the "Steering Wheel Control" or "Canbus Protocol" section.
- Follow the on-screen instructions to learn or configure the buttons.

8. Split Screen and Floating Window:

- **Split Screen:** Allows two applications to be displayed simultaneously. Drag an app icon to one side of the screen to activate split-screen mode.
- **Floating Window:** Supports displaying a small, movable window for certain applications (e.g., video player) over other apps.

Maintenance

- **Screen Cleaning:** Use a soft, lint-free cloth to gently wipe the touchscreen. Do not use abrasive cleaners or solvents.
- **Software Updates:** Periodically check for software updates from the manufacturer to ensure optimal performance and access to new features.
- **General Care:** Avoid exposing the unit to extreme temperatures, direct sunlight for prolonged periods, or excessive moisture.

Troubleshooting

Problem	Possible Cause	Solution
Unit does not power on.	Loose power connection, blown fuse.	Check power wiring and vehicle fuses. Ensure battery is connected.
No sound.	Volume too low, incorrect audio source, loose speaker wires.	Increase volume. Verify correct audio source. Check speaker connections.
GPS not acquiring signal.	GPS antenna not properly connected or obstructed.	Ensure GPS antenna is securely connected and has a clear view of the sky.
Bluetooth pairing issues.	Bluetooth not enabled, device not discoverable.	Ensure Bluetooth is enabled on both devices. Restart both devices and try pairing again.
Touchscreen unresponsive.	Temporary software glitch.	Restart the unit. If issue persists, contact support.

Specifications (Model NF1 - 4-core 1G+32G)

This section details the technical specifications for the EsaSam Double Din Car Stereo, Model NF1.

Feature	Specification
Model	NF1
Internet Connectivity	WiFi
Operating System	Android 13
Core Processor	4-core
RAM/ROM	1GB RAM + 32GB ROM
CarPlay/Android Auto	Wireless CarPlay, Wired Android Auto
Screen Type	IPS
Screen Resolution	1024*600

Feature	Specification
Bluetooth Module	BT 5.0
DSP	No
RDS	No
Rear View Camera	Included (AHD)
Screen Size	9 Inches
Connectivity Technology	USB
Map Type	Worldwide



Image: A detailed comparison table outlining features across different EsaSam car stereo models (NF-1 through NF-7), highlighting specifications like internet connectivity, OS, core processor, RAM/ROM, Carplay/Android Auto support, screen type, resolution, Bluetooth, DSP, and RDS. This manual focuses on the NF1 model.

Warranty and Support

For warranty information, please refer to the documentation provided with your purchase or contact the seller directly. For technical support, troubleshooting assistance beyond this manual, or inquiries about replacement parts, please contact EsaSam customer service through your purchase platform.
Keep your purchase receipt and product serial number handy when contacting support.

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