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EsaSam 8 core nf7 8g+256g

EsaSam Double Din Car Stereo Multimedia Radio User Manual

Model: 8 core nf7 8g+256g for Nissan Kicks Micra P15 (2016-2020)

Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your EsaSam Double Din Car Stereo Multimedia Radio. Please read this manual thoroughly before using the product to ensure proper function and to prevent damage.

The EsaSam car stereo is designed for Nissan Kicks Micra P15 models from 2016 to 2020, featuring a 9-inch touchscreen, GPS navigation, MP5 player, DSP, RDS FM radio, and support for Carplay/Android Auto. This specific model is the 8 core nf7 with 8GB RAM and 256GB ROM.

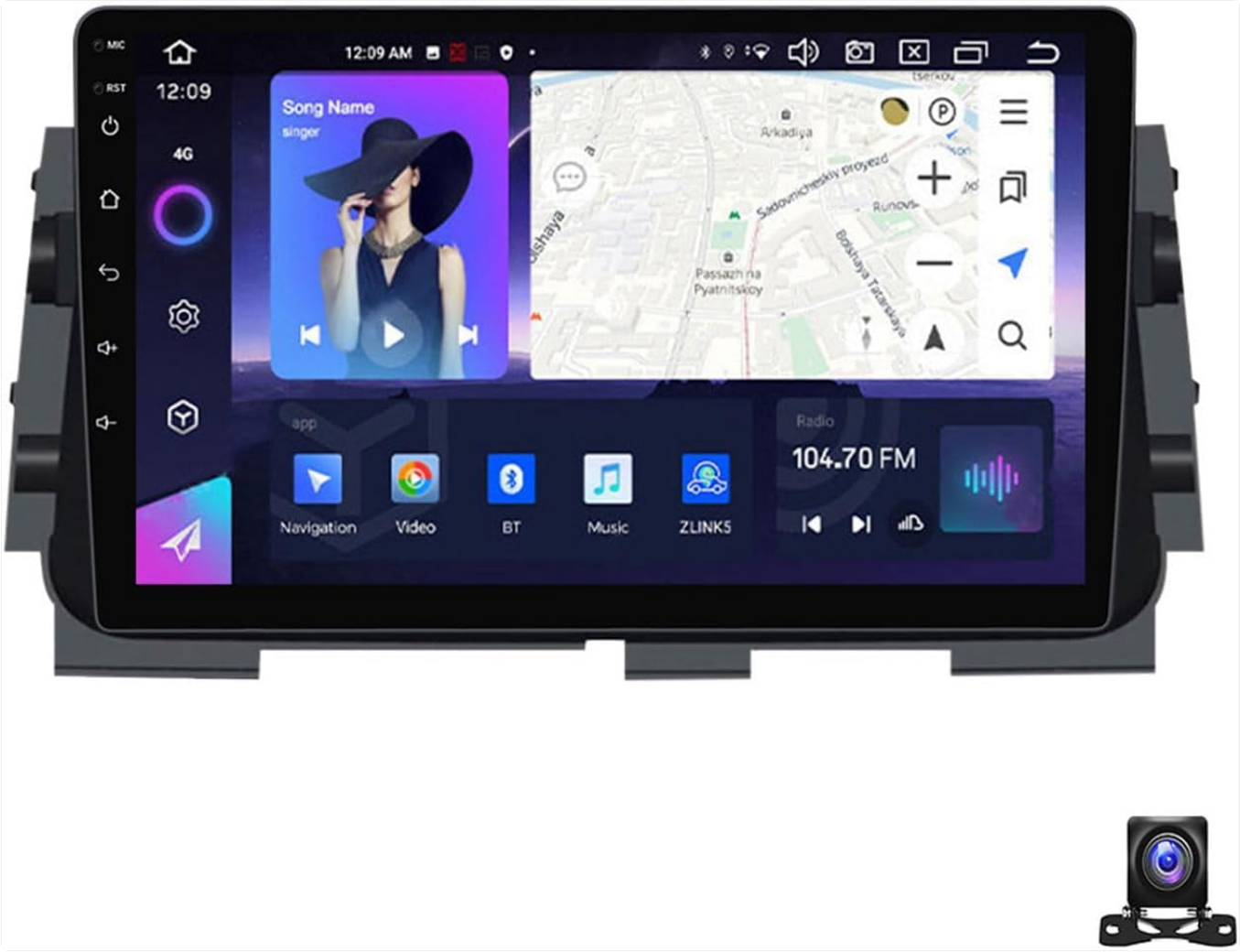


Image: The EsaSam Double Din Car Stereo multimedia radio, showcasing its 9-inch touchscreen interface with navigation, music player, and radio functions displayed. The unit is integrated into a vehicle's dashboard.

Setup and Installation

Before beginning installation, ensure your vehicle's ignition is off and the battery is disconnected to prevent electrical damage.

1. Compatibility Check

This unit is specifically designed for Nissan Kicks Micra P15 (2016-2020). Verify that your vehicle's original center console matches the product's design. If there are discrepancies, consult with the manufacturer or seller before proceeding.



Image: A visual comparison showing the vehicle's dashboard before and after the installation of the EsaSam car stereo. The "Before installation" image shows the original car stereo, while the "After installation" image displays the new 9-inch touchscreen unit seamlessly integrated.

2. Package Contents

Ensure all components are present:

- EsaSam Car Stereo Head Unit (9-inch touchscreen)
- GPS Navigation System Antenna
- AHD Rear View Camera
- Custom Bezel for Nissan Kicks Micra P15
- Power Adapter and Wiring Harness
- USB Cables
- User Manual (this document)

3. Wiring Connections

Connect the wiring harness to the vehicle's existing wiring. Ensure all connections are secure. The unit supports

original Steering Wheel Control; refer to the system settings to configure the CANBUS protocol if applicable.

- **Power Connection:** Connect the main power harness.
- **Speaker Connections:** Connect speaker wires according to the vehicle's wiring diagram.
- **GPS Antenna:** Mount the GPS antenna in a location with a clear view of the sky, typically on the dashboard or under the windshield.
- **Rear View Camera:** Connect the AHD rear view camera to the designated input. Ensure the camera's power is connected to the reverse light circuit for automatic activation.
- **USB Ports:** Connect any external USB devices as needed.
- **AUX-IN/Audio Output:** Connect external audio sources or amplifiers if desired.

4. Initial Power-On and Configuration

After installation, reconnect the vehicle battery. Turn on the ignition. The unit should power on automatically. Follow the on-screen prompts for initial setup, including language selection and time zone.

- **Wi-Fi Connection:** Connect to a Wi-Fi network to download offline maps and access online features.
- **GPS Calibration:** Allow the GPS system to acquire satellites for accurate positioning.
- **Steering Wheel Control Learning:** Access system settings to configure steering wheel controls if your vehicle supports it.

Operating Instructions

The EsaSam car stereo runs on Android 13, providing a user-friendly interface. Navigate through the system using the capacitive multi-touch screen.

1. Home Screen Overview

The home screen typically displays widgets for navigation, music, radio, and quick access to applications. Swipe left or right to access additional app pages.



Image: A collage demonstrating various interface features of the car stereo. This includes a split-screen view showing navigation and music simultaneously, a floating video window, and a detailed view of the system settings menu with options for customization.

2. Navigation System

The unit features built-in GPS navigation. It supports both online and offline maps. To use offline maps, connect to Wi-Fi and download the desired map data.

- **Starting Navigation:** Tap the "Navigation" icon on the home screen or app drawer.
- **Entering Destination:** Use the on-screen keyboard to input your destination address or select from saved locations.
- **Map Updates:** Connect to Wi-Fi to check for and download map updates.



Image: A display of key functionalities including the built-in global GPS navigation system showing a map interface, the 1080P AHD rear view camera display with parking guidelines, and the RDS FM/AM radio interface showing station tuning.

3. Radio (FM/AM/RDS)

Access the radio function by tapping the "Radio" icon. The unit supports FM (87.5-108.5MHz) and AM (520-1700 Hz) bands with RDS (Radio Data System) functionality.

- **Automatic Search:** Use the auto-scan feature to find and save available stations.
- **Manual Tuning:** Manually tune to specific frequencies.
- **Preset Stations:** Save your favorite stations for quick access.
- **RDS:** When available, RDS displays station information such as song title or program type.

4. Bluetooth Connectivity

The unit features Bluetooth 5.0 for hands-free calling and audio streaming.

- **Pairing:** Enable Bluetooth on your mobile device and search for the car stereo (e.g., "EsaSam Car Stereo"). Select it to pair.

- **Hands-Free Calling:** Make and receive calls directly from the stereo. Synchronize your phone's contact list.
- **Audio Streaming:** Play music from your mobile device wirelessly.

5. Carplay / Android Auto

The unit supports both wireless Carplay and wired Android Auto, allowing seamless integration with your smartphone.

- **Wireless Carplay:** For iOS devices, connect via Bluetooth and then follow on-screen prompts to activate wireless Carplay.
- **Wired Android Auto:** For Android devices, connect via a USB cable and follow on-screen prompts to activate Android Auto.
- **Functionality:** Access navigation, music, messages, and other compatible apps directly from the stereo's screen.

6. Multimedia Playback

Play audio and video files from various sources.

- **USB Playback:** Insert a USB drive with media files into the USB port.
- **File Manager:** Use the built-in file manager to browse and play files.
- **Supported Formats:** Supports HD 1080P video and various audio formats.
- **DSP Equalizer:** Adjust sound effects and music styles (pop, rock, jazz, etc.) using the Digital Sound Processor.



*Image: A comprehensive overview of the car stereo's advanced features. This includes a visual representation of the dual cooling fans for efficient heat dissipation, the Quantum QLED screen with 1280*720 resolution, steering wheel control integration, DSP equalizer adjustments, and the wireless Carplay/wired Android Auto connection options.*

7. Rear View Camera

The included AHD rear view camera automatically displays the rear view when the vehicle is in reverse gear, providing parking assistance.

- **Automatic Activation:** The display switches to the camera view when reverse gear is engaged.
- **Parking Guidelines:** Dynamic parking guidelines assist in maneuvering.
- **Original Reversing Radar:** Supports integration with the vehicle's original reversing radar system.

8. Split Screen and Floating Window

Enhance multitasking with split-screen functionality and floating windows.

- **Split Screen:** Display two applications simultaneously (e.g., navigation and music). Activate by long-pressing an app icon or using the split-screen button in the recent apps menu.
- **Floating Window:** Run a video player or other compatible app in a small, movable window over other

applications.

Maintenance

Proper maintenance ensures the longevity and optimal performance of your car stereo.

- **Screen Cleaning:** Use a soft, lint-free cloth slightly dampened with water or a screen cleaner specifically designed for electronic displays. Avoid abrasive materials or harsh chemicals.
- **General Cleaning:** Wipe the unit's bezel and buttons with a soft, dry cloth.
- **Software Updates:** Periodically check for system software updates via Wi-Fi to ensure the latest features and bug fixes.
- **Avoid Extreme Temperatures:** Do not expose the unit to extreme heat or cold for extended periods.
- **Ventilation:** Ensure the cooling fans (if present, like the dual cooling fans on this model) are not obstructed to prevent overheating.

Troubleshooting

If you encounter issues, refer to the following common problems and solutions:

- **No Power:**
  - Check all power connections and fuses.
  - Ensure the vehicle battery is properly connected and charged.
- **No Sound:**
  - Verify speaker connections.
  - Check volume levels and mute settings.
  - Ensure the correct audio source is selected.
- **GPS Signal Loss:**
  - Ensure the GPS antenna is properly installed and has a clear view of the sky.
  - Move the vehicle to an open area away from tall buildings or dense foliage.
- **Bluetooth Pairing Issues:**
  - Ensure Bluetooth is enabled on both the stereo and your mobile device.
  - Delete previous pairings and try pairing again.
  - Restart both devices.
- **Touchscreen Unresponsive:**
  - Restart the unit (if possible, by holding the power button or disconnecting/reconnecting power).
  - Ensure the screen is clean and free of debris.
- **Carplay/Android Auto Not Connecting:**
  - For wired Android Auto, ensure you are using a high-quality USB cable.
  - For wireless Carplay, ensure Bluetooth and Wi-Fi are enabled on your iPhone.
  - Check your phone's settings for Carplay/Android Auto permissions.

If problems persist, contact customer support for further assistance.

Specifications

The following specifications apply to the EsaSam Double Din Car Stereo Multimedia Radio (Model: 8 core nf7 8g+256g).

Feature	Specification
Model Variant	8 core nf7
Operating System	Android 13
Processor	8-core
RAM	8GB DDR3
ROM (Internal Storage)	256GB
Screen Size	9-inch
Screen Resolution	1280*720 (QLED Quantum Screen)
Touchscreen Type	Capacitive Multi-Touch
Connectivity	Wi-Fi, 4G LTE (with SIM slot), Bluetooth 5.0, USB, Auxiliary
GPS Navigation	Built-in, supports online and offline maps
Radio Tuner	FM (87.5-108.5MHz), AM (520-1700 Hz), RDS
Car Integration	Wireless Carplay, Wired Android Auto, Steering Wheel Control, Original Reversing Radar Support
Video Output	Supports HD 1080P
Audio Output	AUX-IN, Subwoofer audio output, DSP Equalizer
Rear View Camera	AHD 1080P (Included)
Special Features	Dual Zone function, Split Screen, Floating Window, Multi-language support, Dual Cooling Fans

	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 detailed comparison table outlining the specifications of various EsaSam car stereo models, from NF-1 to NF-7. It highlights differences in internet connectivity (WIFI vs. 4G LTE + WIFI), OS (Android 13), core count (4Core vs. 8Core), RAM/ROM configurations, Car-Play/Android Auto support, screen type (IPS vs. QLED), resolution, Bluetooth module, DSP, RDS, and other optional features. This specific manual focuses on the NF-7 model.

Warranty Information

For specific warranty terms and conditions, please refer to the documentation provided with your purchase or contact the manufacturer directly. Warranty coverage typically includes defects in materials and workmanship under normal use.
This product may be eligible for extended protection plans offered by third-party providers. Details regarding such plans are separate from the manufacturer's standard warranty.

Customer Support

If you require assistance with installation, operation, or troubleshooting that is not covered in this manual, please contact EsaSam customer support.

- **Manufacturer:** EsaSam
- **Contact Information:** Refer to the contact details provided on the product packaging or the official EsaSam website.
- **Online Resources:** Visit the manufacturer's website for FAQs, updated manuals, and software downloads.

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.

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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.

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