

NALsa M400S 8core 4+64G

NALsa Android Multimedia Player User Manual

Model: M400S (and other variants)
For Hyundai Getz RHD LHD 2002-2011 Car Stereo Radio Systems

1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your NALsa Android Multimedia Player, designed specifically for Hyundai Getz RHD/LHD models from 2002 to 2011. This advanced car stereo system integrates navigation, multimedia playback, and smart connectivity features to enhance your driving experience. Please read this manual thoroughly before using the product to ensure proper operation and to maximize its capabilities.

2. PRODUCT OVERVIEW AND FEATURES

The NALsa Android Multimedia Player is a state-of-the-art in-dash system offering a wide range of functionalities.

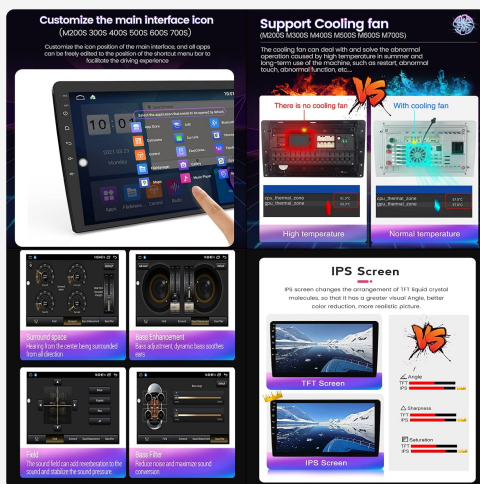


Product Components: This image displays the main Android multimedia player unit, a reversing camera, and the necessary mounting frames for installation in a Hyundai Getz. The system is designed to seamlessly integrate into your vehicle's dashboard.

Key Features:

- **Operating System:** Android 10.0 or Android 12.0 (API29) for a smooth and intuitive user experience.
- **High-Resolution Display:** 9-inch or 10-inch 2.5D IPS capacitive multi-touch screen with 1024*600 or 1280*720 resolution, providing clear and vibrant visuals.

- **Connectivity:** Supports 4G LTE, 5G WiFi, USB, and Hotspot for on-screen internet connection.
- **Multimedia Playback:** Compatible with MP3, MP4, MP5, WMA, and JPEG digital media formats. Supports 1920*1080 video recording and playback, including 4K video.
- **Navigation:** Built-in GPS module with support for both online and offline maps.
- **Bluetooth:** Integrated Bluetooth 4.0/5.0 for hands-free calling and audio streaming.
- **Smart Integration:** Built-in wireless Carplay and Android Auto (for 8-core models M200S-M700S).
- **Audio Enhancement:** Built-in DSP (Digital Sound Processor) supporting surround sound adjustment, bass adjustment, and treble filtering. Amplifier ICs include Toshiba 7851/7850/7838 (M300S-M700S) and TDA7388 (M200S-M400S).
- **Accessibility:** Built-in speaker, microphone, WiFi function, support for steering wheel controls, and multi-language support.
- **Cooling System:** Aluminum heat sink and powerful cooling fan at the rear (M200S-M700S) for optimal performance and longevity.
- **Camera Support:** Supports rearview mirror input and front camera input. Includes a complimentary AHD 720P reversing camera.
- **Expandability:** Supports external connections for ADAS DVR, TPMS, OBD2, DAB+, and dash cam (optional accessories).

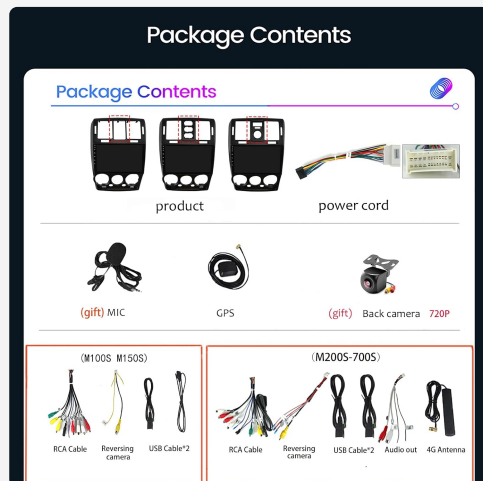


Advanced Features Overview: This image highlights the powerful CPU (Octa Core up to 1.8GHz), the integrated DSP processor for superior audio quality, support for 1080P video playback, and the customizable button light feature, allowing users to personalize the unit's appearance.



Performance and Display: This visual demonstrates the effectiveness of the cooling fan in maintaining optimal

temperature, the superior viewing angles and color reproduction of the IPS screen compared to TFT, and various DSP audio adjustment options including surround space, bass enhancement, and bass filter.

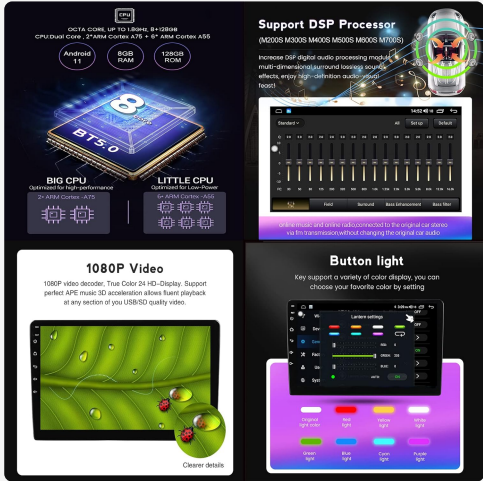


Connectivity and Control: This image illustrates the Bluetooth function for hands-free calls and music streaming, the integration with steering wheel controls for safe operation, and the support for both 4G LTE and 5GHz WiFi for robust internet connectivity on the go.

3. SPECIFICATIONS

Feature	Detail
Operating System	Android 10.0 / Android 12.0 (API29)
Resolution	1024x600 / 1280x720
Mounting Type	Dashboard Mount
Audio Output Mode	AUX, Stereo, Speaker
Map Type	Satellite
Connectivity Technology	Cellular, Bluetooth, Wi-Fi, USB
Special Feature	Touchscreen, Bluetooth, GPS, FM Transmitter, MP5 Player, Radio Tuner, TV, Built-in Speaker/Mic, WiFi, Steering Wheel Control, 3G/4G Network Support, Optical/Coaxial Output, Aluminum Heat Sink, Cooling Fan, Carplay, Android Auto, DSP, RDS, Rearview Mirror Input, Front Camera Input, Picture-in-picture split screen
Vehicle Service Type	Car (Hyundai Getz RHD LHD 2002-2011)
Brand	NALsa
Manufacturer	NALsa
Item Weight	5.5 pounds (approx. 2.5 kg)

Feature	Detail
Package Dimensions	15.75 x 11.81 x 3.94 inches (approx. 40 x 30 x 10 cm)
Voice Command	Touchscreen, Microphone



Model Specific Parameters: This table provides a detailed comparison of specifications across different NALsa multimedia player models (M100S, M150S, M200S, M300S, M400S, M500S, M600S, M700S), including Internet connectivity, OS version, core count, RAM/ROM, Carplay/Android Auto support, Bluetooth module, resolution, screen type, cooling fan presence, full AV output, DSP, and RDS.

4. PACKAGE CONTENTS

Upon opening the package, please verify that all the following items are included:

- NALsa Android Host (Screen Unit)
- All necessary accessories and cable adapters
- AHD 720P Reversing Camera (Gift)
- GPS Antenna
- USB Cables (2x)
- RCA Cables (for M200S-M700S models)
- Audio Out Cable (for M200S-M700S models)
- 4G Antenna (for M200S-M700S models)
- External Microphone (Gift)

Note: Specific cable configurations may vary slightly depending on the exact model (e.g., M100S/M150S vs. M200S-M700S).

5. SETUP AND INSTALLATION

This car stereo is designed for Hyundai Getz RHD LHD models from 2002 to 2011 that originally have no screen. Professional installation is highly recommended due to the specialized skills required for Android radio systems.



Installation Compatibility: This image illustrates the original dashboard of a Hyundai Getz and how the NALsa multimedia player integrates seamlessly after installation, replacing the factory radio. It also shows the included mounting frames.

Pre-Installation Check:

- Confirm your vehicle is a Hyundai Getz (RHD/LHD) manufactured between 2002 and 2011.
- Ensure your original car stereo does not have a built-in screen.
- If unsure about compatibility, send a picture of your original center console to customer service for verification.

Installation Steps (General Guidance):

1. **Disconnect Battery:** Before starting, disconnect the vehicle's negative battery terminal to prevent electrical shorts.
2. **Remove Original Unit:** Carefully remove the original car stereo and dashboard trim.
3. **Connect Wiring Harness:** Connect the provided wiring harness to the vehicle's factory harness. Ensure all connections are secure.
4. **Connect Peripherals:**
 - Connect the GPS antenna and position it for optimal signal reception.
 - Connect the included AHD 720P reversing camera. Route the cable carefully to the rear of the vehicle.
 - Connect USB cables for external devices.
 - If applicable, connect the 4G antenna and external microphone.
5. **Mount New Unit:** Secure the NALsa multimedia player into the dashboard using the provided mounting frames.
6. **Test Functionality:** Reconnect the battery and power on the unit. Test all functions (radio, navigation, Bluetooth, cameras, steering wheel controls) before fully reassembling the dashboard.
7. **Reassemble Dashboard:** Once all functions are verified, carefully reassemble the dashboard trim.

For detailed wiring diagrams and specific installation instructions, please refer to the supplementary installation guide provided with your product or consult a professional installer.

6. OPERATING INSTRUCTIONS

Your NALsa Android Multimedia Player offers a user-friendly interface similar to a smartphone or tablet. Here are general operating guidelines:

Car multimedia player parameter								
	M100S	M150S	M200S	M300S	M400S	M500S	M600S	M700S
Model								
Internet								
OS	Android 11	Android 11	9863 Android 12	7862S Android 12	9863 Android 12	7862S Android 12	7862S Android 12	7862S Android 12
	API 29	API 29	API 29	API 29	API 29	API 29	API 29	API 29
Core	4-Core	4-Core	8-Core	8-Core	8-Core	8-Core	8-Core	8-Core
RAM/ROM	1G+32G	2G+32G	2G+32G	4G+32G	4G+64G	4G+64G	6G+128G	8G+128G
Carplay Auto		Optional	wireless +Wired	wireless +Wired	wireless +Wired	wireless +Wired	wireless +Wired	wireless +Wired
BT module	4.0	4.0	5.0	5.0	5.0	5.0	5.0	5.0
Resolution	1024*600	1024*600	1280*720	1280*720	1280*720	1280*720	1280*720	1280*720
Screen	HD Screen	HD Screen	IPS Screen	IPS Screen	IPS Screen	IPS Screen	IPS Screen	IPS Screen
Cooling fan								
Full AV Output			Optional	Optional	Optional	Optional	Optional	Optional
DSP								
RDS								

In-Car Operation View: This image shows the NALsa unit installed in a Hyundai Getz, displaying the radio interface. It highlights the seamless integration and the clear, accessible touchscreen for controlling various functions like FM radio, navigation, and multimedia.

Basic Operation:

- **Power On/Off:** The unit typically powers on with the vehicle's ignition. A long press on the power button (if available) can turn it off or put it into standby.
- **Touchscreen Navigation:** Swipe left/right to navigate between home screens, tap icons to open applications.
- **Volume Control:** Adjust volume using the physical knobs/buttons on the unit or via steering wheel controls.

Key Functions:

- **Radio (FM/AM):** Access the Radio app to scan for stations, save presets, and adjust settings. Supports RDS.
- **GPS Navigation:** Open the Navigation app. Ensure the GPS antenna is connected. Download offline maps or use online maps with an internet connection.
- **Bluetooth:**
 - a. Go to Bluetooth settings.
 - b. Enable Bluetooth on your phone and search for the unit (e.g., "NALsa Car Stereo").
 - c. Pair the devices. You can now make/receive calls and stream audio.
- **CarPlay / Android Auto:**
 - For wireless connection, ensure your phone's Wi-Fi and Bluetooth are on. Follow the on-screen prompts in the Carplay/Android Auto app.
 - For wired connection, connect your phone via a USB cable to the designated USB port.
- **Multimedia Playback:**
 - **USB:** Insert a USB drive into the USB port. Use the "File Manager" or "Music/Video Player" app to browse and play media.
 - **Online Streaming:** Connect to Wi-Fi or 4G LTE and use pre-installed apps or download new ones from the app store for streaming music/videos.
- **Steering Wheel Control (SWC):** If your vehicle supports SWC, you can configure the unit to respond to your steering wheel buttons for volume, track change, mode, etc. Access SWC settings in the system menu.

- **DSP (Digital Sound Processor):** Access the DSP settings to fine-tune audio output, including equalizer, surround sound, bass, and treble adjustments.
- **Rearview Camera:** The display will automatically switch to the rearview camera feed when the vehicle is put into reverse gear.

7. MAINTENANCE

To ensure the longevity and optimal performance of your NALsa Android Multimedia Player, follow these maintenance guidelines:

- **Screen Cleaning:** Use a soft, lint-free cloth specifically designed for electronics screens. Do not use abrasive cleaners or solvents. Gently wipe the screen to remove dust and fingerprints.
- **Software Updates:** Periodically check for system software updates through the unit's settings menu (if available). Keeping the software updated can improve performance and add new features.
- **Avoid Extreme Temperatures:** Do not expose the unit to extreme hot or cold temperatures for prolonged periods, as this can affect electronic components.
- **Ventilation:** Ensure the unit's ventilation areas (especially for models with cooling fans) are not blocked to prevent overheating.
- **Cable Connections:** Periodically check all cable connections to ensure they are secure and free from damage.

8. TROUBLESHOOTING

If you encounter issues with your NALsa Android Multimedia Player, refer to the following common troubleshooting steps:

- **No Power:**
 - Check the vehicle's fuse box for blown fuses related to the stereo system.
 - Ensure all power cables are securely connected to the unit and the vehicle's harness.
- **No Sound:**
 - Check the volume level and ensure it's not muted.
 - Verify speaker connections.
 - Check audio output settings in the system menu.
- **GPS Signal Lost/Weak:**
 - Ensure the GPS antenna is properly connected and placed in an area with a clear view of the sky (e.g., dashboard, under windshield).
 - Try restarting the unit.
- **Bluetooth Connection Issues:**
 - Ensure Bluetooth is enabled on both the unit and your phone.
 - Delete previous pairings on both devices and try pairing again.
 - Move your phone closer to the unit.
- **Touchscreen Unresponsive:**
 - Restart the unit.
 - Ensure the screen is clean and free of debris.

- **Unit Overheating:**

- Ensure the cooling fan (if present) is functioning and not obstructed.
- Check for proper ventilation around the unit.

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

9. WARRANTY AND SUPPORT

NALsa is committed to providing high-quality products and excellent customer service.

Technical Support:

We offer online technical service and professional installation technical support. If you have any questions regarding compatibility, installation, or operation, please do not hesitate to contact us. You can send us a photo of your car's model, year of manufacture, and dashboard center console via chat or Amazon mail for technical identification and support. Our customer service technology team will provide ongoing technical support to ensure your satisfaction.

Warranty Information:

Please refer to your purchase documentation or contact NALsa customer service for specific warranty terms and conditions applicable to your product.

© 2023 NALsa. All rights reserved.
This manual is subject to change without notice.

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

Email

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

Details

Submit question

Open the live page

<https://manuals.plus/asin/B0CH6WWDPK>

More documents and user manuals: <https://manuals.plus/>