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› NHOPEEW Android Radio for 2006-2012 Lexus IS250 IS350 Instruction Manual

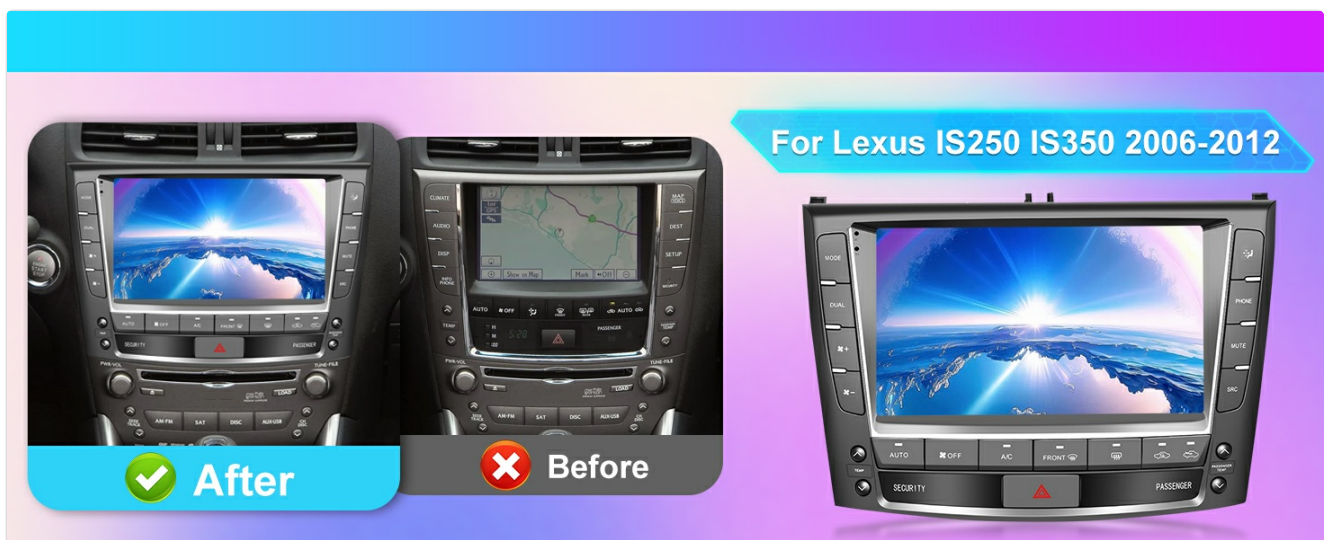
NHOPEEW A7266A3018A4MI2

NHOPEEW Android Radio Instruction Manual for 2006-2012 Lexus IS250 IS350

Model: A7266A3018A4MI2

1. PRODUCT OVERVIEW

The NHOPEEW Android Radio is a 9-inch HD touchscreen car stereo designed for 2006-2012 Lexus IS250 and IS350 models. It features an Android 13 operating system with 2GB RAM and 64GB ROM, providing a smooth user experience and ample space for applications. Key functionalities include wireless/wired Carplay and Android Auto, built-in GPS navigation with online and offline map support, Wi-Fi connectivity, Hi-Fi audio with an equalizer, FM/RDS radio, Bluetooth for hands-free calling and music streaming, steering wheel control support via Canbus, and an AHD backup camera input.



This image shows the vehicle's dashboard before and after the installation of the NHOPEEW Android Radio, highlighting the integrated appearance and new interface.

Key Features:

- **Powerful Android 13 System:** 2GB RAM & 64GB ROM for smooth operation and app storage.
- **HD 9-inch Touchscreen:** 1024x600 resolution 2.5D Tempered Glass capacitive display.
- **Wireless/Wired Carplay & Android Auto:** Seamless smartphone integration for calls, messages, music, and

navigation.

- **GPS Navigation & WiFi:** Built-in GPS for online/offline maps and Wi-Fi for internet access and app usage.
- **Hi-Fi Audio & FM/RDS Radio:** Crystal-clear audio with customizable EQ settings and support for radio stations.
- **Steering Wheel Control (SWC) & Canbus:** Supports original steering wheel controls for convenience.
- **AHD Backup Camera:** Includes a backup camera for enhanced safety.

2. WHAT'S IN THE BOX

Please verify that all items are present upon unboxing:

- Lexus IS250 IS350 HiFi Audio Unit
- Canbus Decoder
- Mounting Bracket
- Power Cable
- AHD Backup Camera



Comprehensive diagram illustrating all necessary cable connections: Power Cable, RCA Cable, USB cables, Reversing Input Cable, Radio Antenna, and GPS Antenna.

3. SPECIFICATIONS

Brand	NHOPEEW
Model Number	A7266A3018A4MI2
Compatible Vehicle	Lexus IS250 IS350 (2006-2012)
Screen Size	9 Inches

Resolution	1024 x 600
Operating System	Android 13
Memory Storage Capacity	64 GB
Connectivity Technology	Bluetooth, USB, Wi-Fi
Special Features	GPS Navigation, WiFi Connection, Hi-Fi Audio, FM/RDS Radio, Wireless/Wired Carplay, Android Auto, Split Screen, Mirror Link, HD Touchscreen
Included Components	AHD Backup Camera, Bracket, Canbus, Power Cable

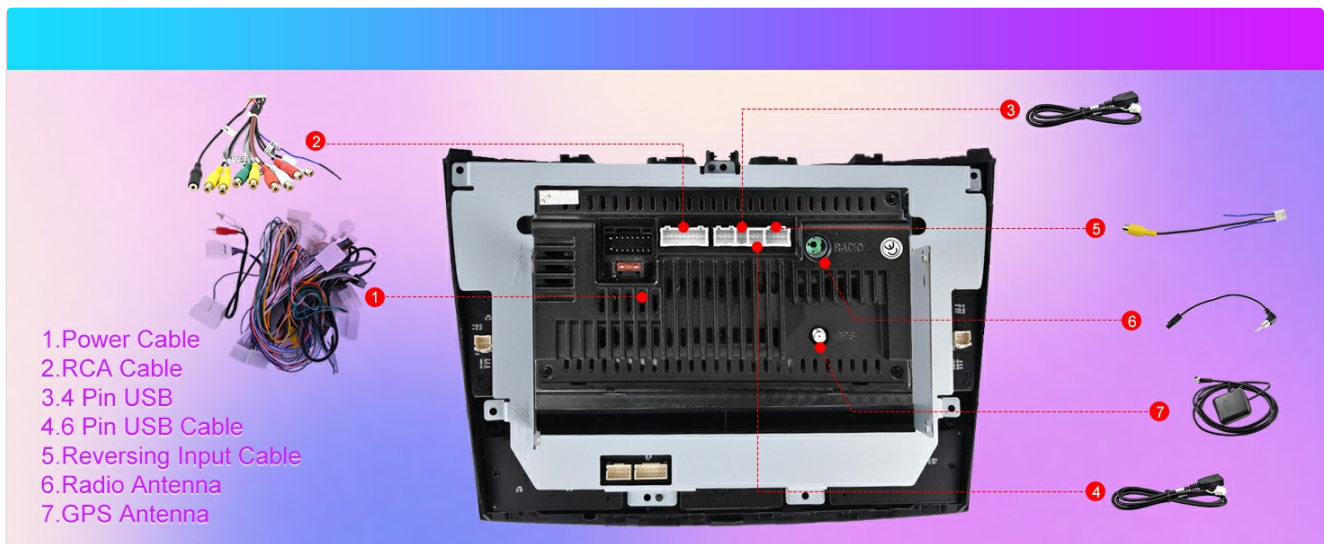


Illustrates the superior clarity and detail of the 9-inch HD 1024x600 resolution screen compared to lower resolution displays, emphasizing the 2.5D tempered glass.

4. INSTALLATION AND SETUP

4.1 Compatibility Check

This unit is compatible with Lexus IS250 and IS350 models manufactured between 2006 and 2012. Please ensure your vehicle falls within this range.



Visual confirmation of compatibility with Lexus IS250 and IS350 models from 2006 to 2012, showing the fitment in the dashboard.

4.2 Important Note on Fiber Optic Interface

If the interface diagram on the back of your original car radio indicates a fiber optic interface, you will need to purchase an additional fiber optic protocol box. Please contact NHOPEEW support for assistance in obtaining the correct part.

Full HD 1024*600 Touchscreen

Bring you a high-quality visual enjoyment!

Anti-glare

Scratch resistant

Full touch

2.5D

720*480
General Screen

800*480
General Screen

1024*600
HD Screen

1024*600 Resolution
Our screens

800*480p
Other screens

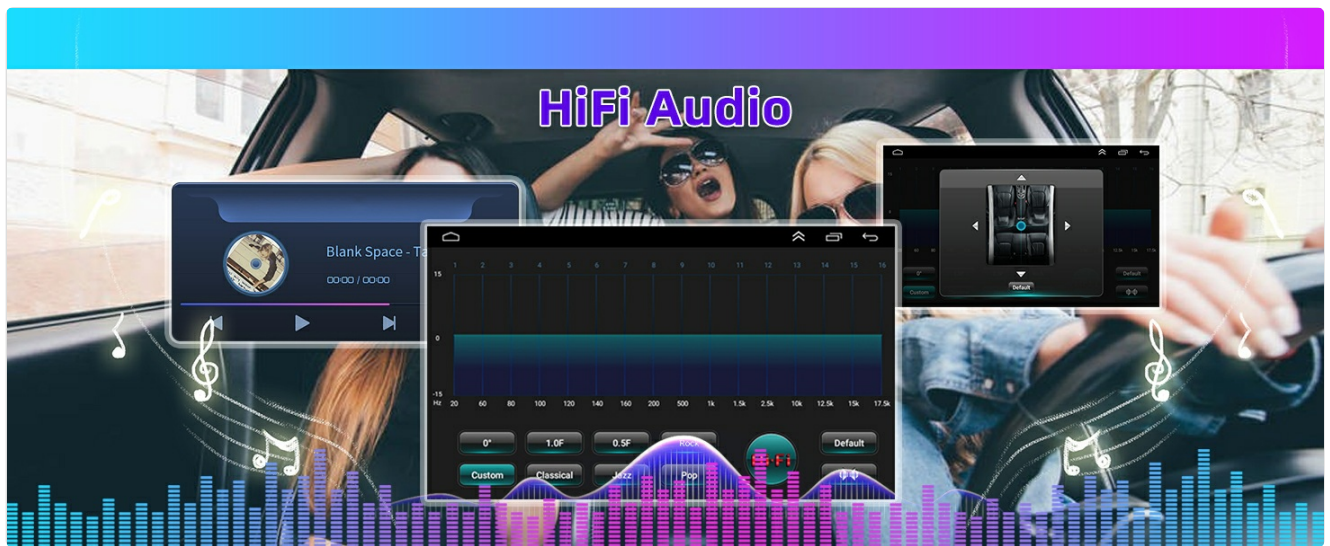
720*480p
Other screens

Important note regarding the fiber optic interface. If the original car radio has a fiber optic interface, an additional protocol box is required. Contact support for details.

4.3 Installation Steps

Follow these general steps for installation. Professional installation is recommended.

1. Assemble the car player with the provided frame, accessories, and bracket.
2. Install the assembled unit into the vehicle's dashboard opening.
3. Connect all necessary mounting accessories and wiring harnesses.
4. Secure the unit for a successful installation.



A step-by-step visual guide for the installation process, from assembling the car player with the frame and accessories to mounting the unit.

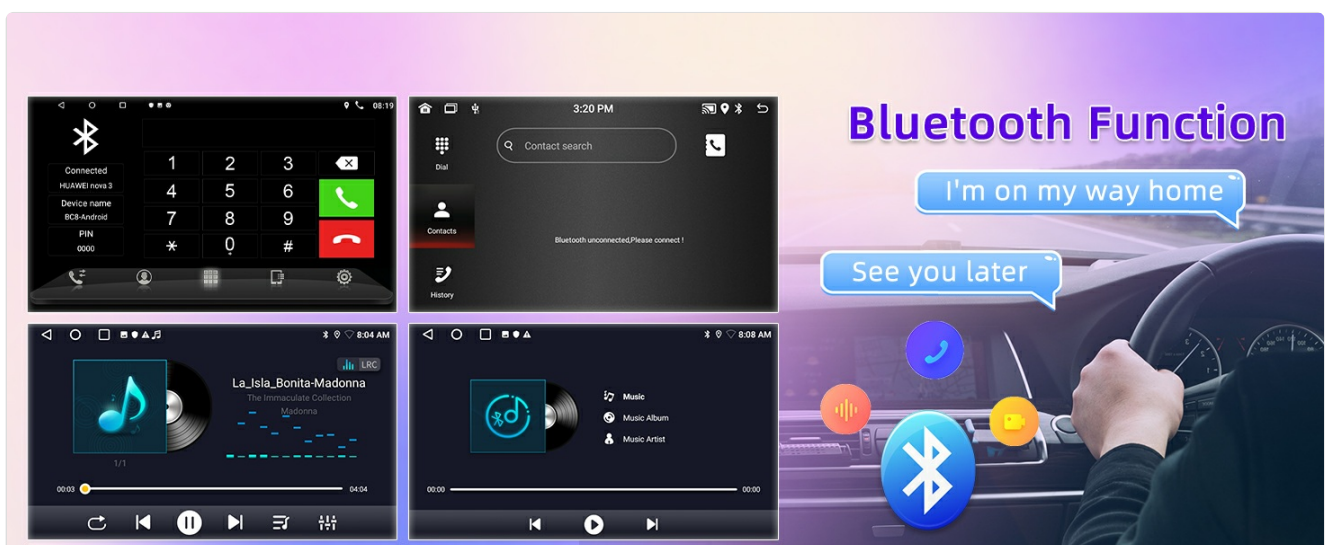
4.4 Wiring Connections

Refer to the wiring diagram for detailed connections. Ensure all cables are securely connected.

- **Power Cable:** Connect to the vehicle's power supply.
- **RCA Cable:** For audio/video input/output.
- **USB Cables:** For data transfer and charging.
- **Reversing Input Cable:** For backup camera signal.
- **Radio Antenna:** For FM/RDS reception.
- **GPS Antenna:** For navigation signal reception.

CANBUS and Steering Wheel Control:

Ensure the 8-pin cable is plugged into the head unit and the CANBUS box is connected. This is crucial for the original steering wheel controls to function correctly.

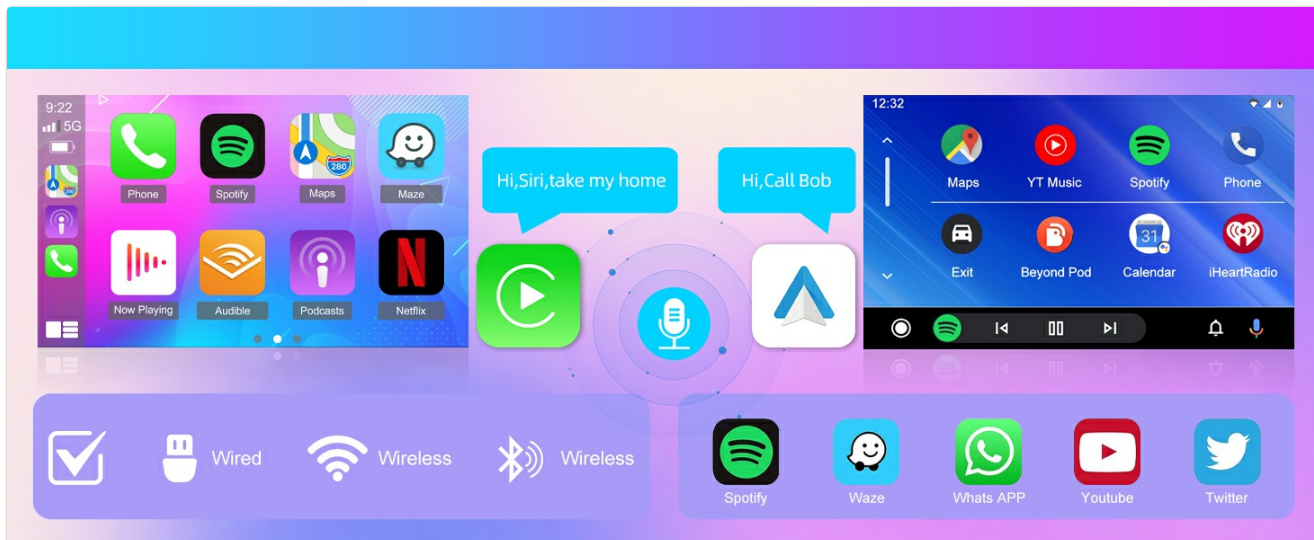


Highlights the importance of connecting the 8-pin cable to the head unit and confirming the CANBUS box connection for proper steering wheel control functionality.

Reversing Camera Wiring:

Connect the backup camera as follows:

1. Connect the camera's positive wire to the positive pole of the car's reversing light.
2. Connect the camera's negative wire to the negative pole of the car's reversing light.
3. Ensure cables three and four (as indicated in the diagram) are connected together.
4. The white plug from the camera harness must be connected to the radio to enable Bluetooth and WiFi signals.



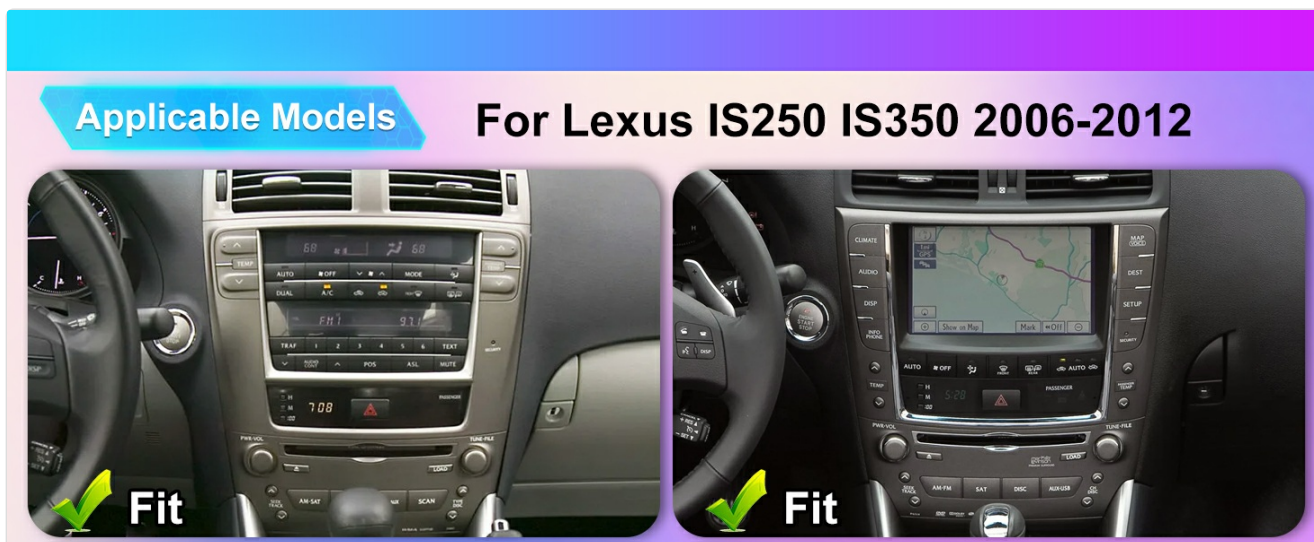
Detailed wiring instructions for the reversing camera, including connecting to the positive and negative poles of the car's reversing light and ensuring the white plug is connected to the radio for Bluetooth and WiFi signals.

5. OPERATING INSTRUCTIONS

5.1 Wireless Carplay & Android Auto

Connect your iOS or Android phone wirelessly or via USB to access your phone's apps directly on the car stereo. This allows for hands-free calls, messaging, music playback, and navigation.

- **Connection:** Establish a Bluetooth connection first, then connect via Wi-Fi for wireless Carplay/Android Auto. For wired connection, use a USB cable.
- **Functions:** Make calls, send messages, play music, use navigation apps (e.g., Apple Maps, Waze), and access other compatible applications.



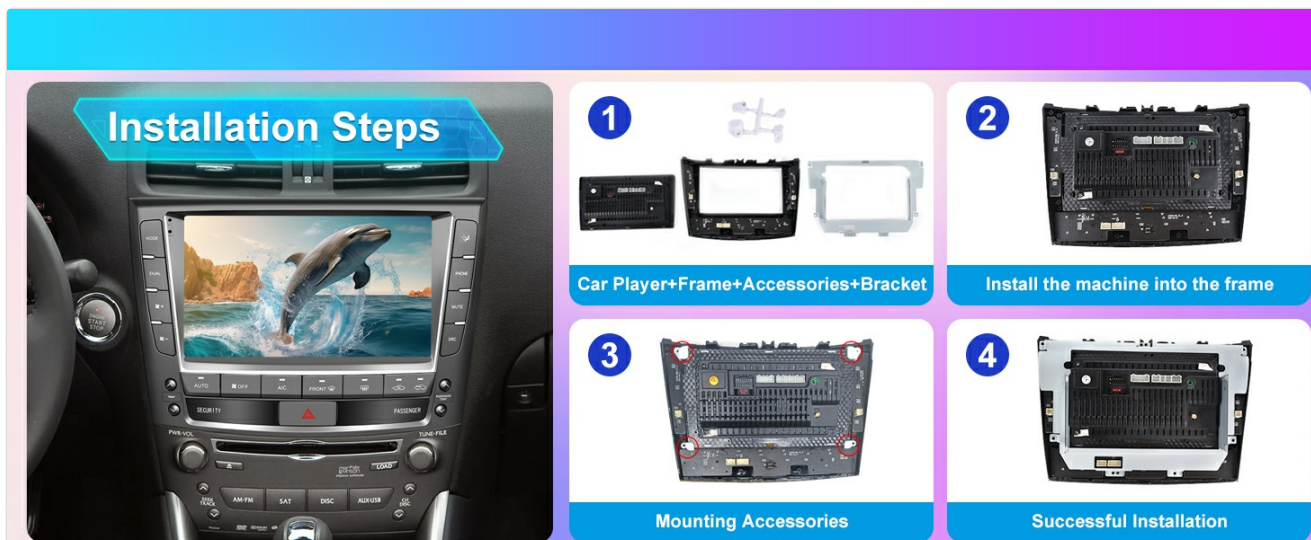
Depicts the seamless integration of Wireless Carplay and Android Auto, allowing access to phone calls, messages, music, and

navigation directly from the car stereo display.

5.2 GPS Navigation & WiFi Connection

The unit features a built-in GPS receiver for navigation and Wi-Fi for internet access.

- **GPS:** Supports both online and offline maps. Download offline maps for navigation without an internet connection.
- **WiFi:** Connect to a Wi-Fi hotspot (e.g., from your phone) to access online maps, browse the internet, and use streaming apps like YouTube, TikTok, and Spotify.

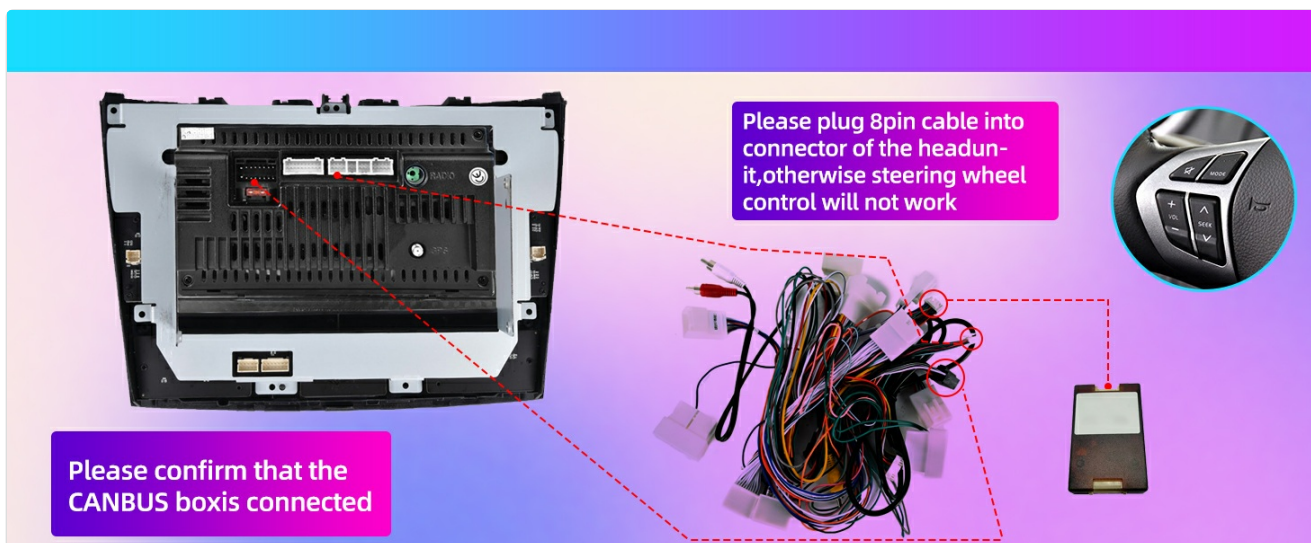


Illustrates the built-in GPS navigation with both online and offline map support, alongside icons representing various internet-enabled applications accessible via WiFi.

5.3 Hi-Fi Audio & FM/RDS Radio

Enjoy high-fidelity audio and access your favorite radio stations.

- **Hi-Fi Audio:** The unit delivers clear audio. Use the graphic equalizer to customize sound settings (Pop, Rock, Jazz, Classical, Flat, User, Voice, sound delay). Supports subwoofer output.
- **FM/RDS Radio:** Tune into FM radio stations. RDS (Radio Data System) provides additional information like station name and song title where available.

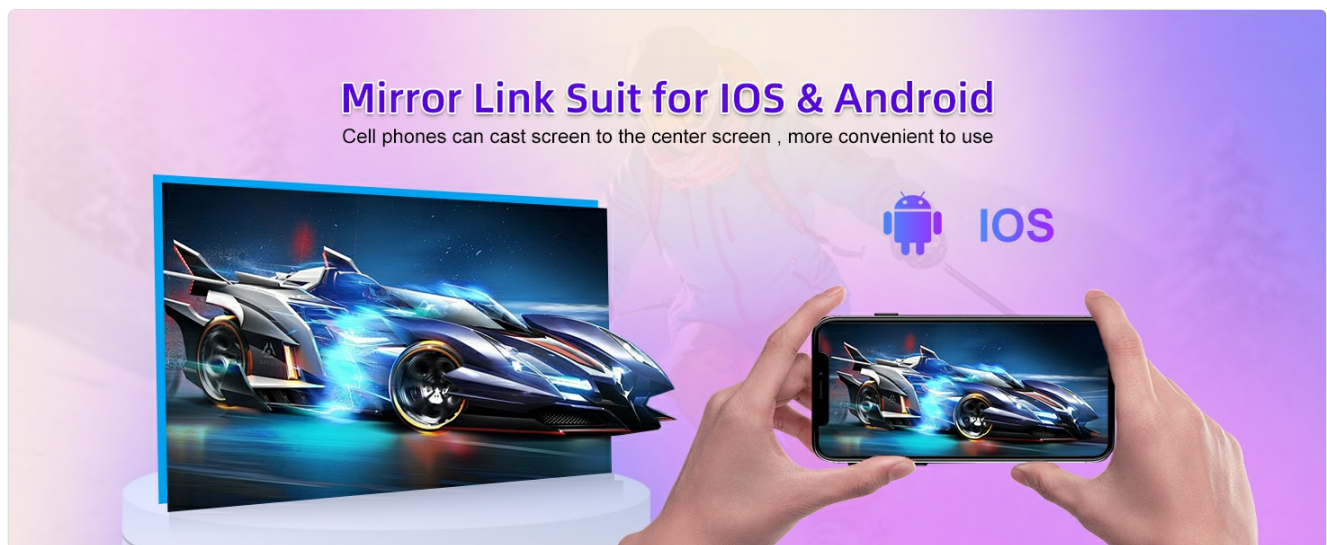


Shows the graphical equalizer interface for Hi-Fi audio settings, allowing customization of sound profiles like Pop, Rock, Jazz, Classical, and User-defined.

5.4 Bluetooth Function

Connect your phone via Bluetooth for hands-free communication and audio streaming.

- **Hands-Free Calling:** Make and receive calls directly from the stereo. Access your phonebook for easy dialing.
- **Music Streaming:** Play audio from your phone through the car's speakers.



Shows the Bluetooth interface for hands-free calling, accessing phonebook contacts, and streaming music wirelessly.

5.5 Steering Wheel Control (SWC)

The unit supports your vehicle's original steering wheel controls, allowing you to manage functions without taking your hands off the wheel. Ensure the CANBUS box and 8-pin cable are correctly connected during installation.



Shows the display of the AHD backup camera with guidelines and the interface for configuring steering wheel controls for convenient operation.

5.6 Rear View Camera

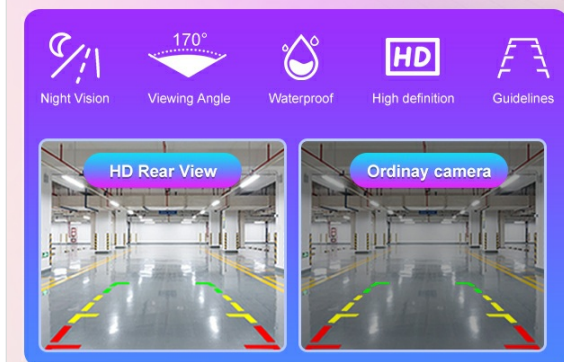
The included AHD backup camera provides a clear, wide-angle view of the rear surroundings, enhancing safety when reversing. Ensure proper wiring as described in the installation section.

5.7 Voice Control

Utilize voice commands for various functions, including changing radio stations, playing music, and initiating navigation. Supported languages include English, Russian, Spanish, French, German, Italian, Portuguese, and Arabic.

Support Original Car Rear View

The AHD back camera with excellent night vision and a 170° ultra-wide field of view ensures a clear and wide-angle view of the rear surroundings.



An illustration of the voice control feature, showing commands like 'FM to 87.50', 'Play Music', 'Open HiFi', and 'Go to the Airport', with supported languages listed.

5.8 Mirror Link

The Mirror Link function allows you to mirror your iOS or Android phone's screen onto the car stereo display, providing access to your phone's content and apps on a larger screen.



Demonstrates the Mirror Link feature, allowing users to cast their iOS or Android phone screen to the car stereo display for enhanced usability.

6. MAINTENANCE

To ensure the longevity and optimal performance of your NHOPEEW Android Radio, follow these general maintenance guidelines:

- **Screen Cleaning:** Use a soft, lint-free cloth to gently wipe the touchscreen. For stubborn smudges, slightly dampen the cloth with water or a screen-safe cleaner. Avoid harsh chemicals or abrasive materials.
- **Software Updates:** Periodically check for available software updates to ensure you have the latest features and bug fixes. Follow the on-screen instructions for safe updating.
- **Environmental Conditions:** Avoid exposing the unit to extreme temperatures, direct sunlight for prolonged periods, or excessive moisture.

- **Cable Connections:** Ensure all cables remain securely connected. Loose connections can lead to intermittent functionality.

7. TROUBLESHOOTING

If you encounter issues with your NHOPEEW Android Radio, refer to the following common problems and solutions:

- **No Power:**
 - Check all power cable connections to ensure they are secure.
 - Verify the vehicle's fuse for the radio is intact.
- **Steering Wheel Controls Not Working:**
 - Confirm that the 8-pin cable is properly connected to the head unit.
 - Ensure the CANBUS box is correctly installed and connected.
 - Access the unit's settings to configure or recalibrate steering wheel controls if necessary.
- **Backup Camera Not Displaying:**
 - Verify all reversing camera wiring connections, especially to the car's reversing light and the white plug to the radio.
 - Ensure the CANBUS is connected to the OBD2 port if your vehicle requires it for backup camera activation.
 - Check the camera input settings in the unit's menu.
- **Wireless Carplay/Android Auto Connection Issues:**
 - Ensure Bluetooth is enabled and connected on your phone and the head unit.
 - Confirm Wi-Fi is enabled and connected to the head unit.
 - Try restarting both your phone and the car stereo.
- **Factory Settings Password:**
 - The common factory settings password for this unit is **8888**.

If these steps do not resolve the issue, please contact NHOPEEW customer support for further assistance.

8. WARRANTY AND SUPPORT

8.1 Warranty Information

The NHOPEEW Android Radio comes with a **2-year warranty** for any quality-related issues. Additionally, a 30-day money-back guarantee is offered for any reason.

8.2 Customer Support

For any questions, technical support, or warranty claims, please reach out to NHOPEEW customer service. You can typically find contact details on the product's Amazon page or the official NHOPEEW website.

- **Post-Sales Service:** Includes 30-day refund and 2-years post-sales support.
- **Harness Fit Issues:** If the radio harness does not fit your vehicle, please contact us for assistance.