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› AINAVI Car Stereo User Manual

AINAVI AINAVI 10.2 inch Car Stereo Radio for Highlander 2009-2013

AINAVI 10.2-inch Android Car Stereo User Manual

Model: AINAVI 10.2 inch Car Stereo Radio for Highlander 2009-2013

Brand: AINAVI

1. PRODUCT OVERVIEW

The AINAVI 10.2-inch Android Car Stereo is an advanced in-dash navigation and entertainment system designed for Toyota Highlander models from 2009 to 2013. It features an Android 12 operating system, an 8-core processor, a QLED touch screen, and supports both wired and wireless Android Auto and Apple CarPlay. This manual provides essential information for setup, operation, and maintenance of your device.



Figure 1.1: AINAVI 10.2-inch Car Stereo installed in a vehicle dashboard, showcasing its large QLED display and integrated design.

2. SETUP GUIDE

Before installation, ensure your vehicle is compatible with this unit (Toyota Highlander 2009-2013). Professional installation is recommended. The unit is designed for plug-and-play integration, but specific vehicle configurations (e.g., JBL sound systems or different hazard button types) may require additional harnesses or modifications. Refer to the included wiring diagrams and consult the seller for specific compatibility questions.

Mobile Phone Mirroring (Tlink)

For iPhone Airplay

For Android



Figure 2.1: Overview of components included in the package, such as the head unit, frame, car microphone, GPS module, reversing control cable, USB cables, HD rearview camera, frame removal tool, power cable, and RCA cable.

2.1 Initial Power-Up and Network Connection

Upon first power-up, the system will boot to the main interface. To access online features and app downloads, connect the unit to a Wi-Fi network. You can also use USB network sharing from your mobile device.

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Video 2.1: Demonstrates the car stereo's mirror projection function and USB network connection setup. This video shows how to connect your phone for screen mirroring and how to enable USB network sharing for internet access on the head unit.

3. OPERATING INSTRUCTIONS

3.1 Android Auto & Apple CarPlay

The unit supports both wired and wireless Android Auto and Apple CarPlay for seamless smartphone integration. Connect your device via USB or Bluetooth for automatic connection.

Wired & Wireless Carplay + Android Auto

3 Seconds Automatic Connection



Figure 3.1: Illustrates the wired and wireless CarPlay and Android Auto functionality, showing a smartphone connected to the car stereo display.

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Video 3.1: Demonstrates the Apple CarPlay and Android Auto features, including how to set up shortcut keys for quick access to functions.

3.2 Navigation

Utilize pre-installed navigation applications like Google Maps and Google Earth for precise routing and exploration. The system supports voice commands for hands-free operation.

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Video 3.2: Shows the functionality of Google Earth and Google Maps on the car stereo, highlighting navigation capabilities and search features.

3.3 Audio and Sound Customization (DSP)

The professional Digital Sound Processor (DSP) with a built-in 48-band equalizer allows for precise audio tuning. Adjust sound settings, including bass, surround sound, and bass filter, to optimize your listening experience.



Figure 3.2: Displays the Intelligent Tone Adjustment System interface, featuring a 48-band equalizer and options for sound customization like Sound Bass, Surround, and Boost Bass Filter.

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Video 3.3: Showcases the Professional DSP (Digital Sound Processor) and Split Screen functionality, demonstrating advanced audio controls and multi-tasking capabilities.

3.4 Split Screen Functionality

The powerful 8-core processor enables simultaneous operation of two applications using the split-screen function, allowing for multitasking without lag. Note that not all applications may support split-screen functionality.

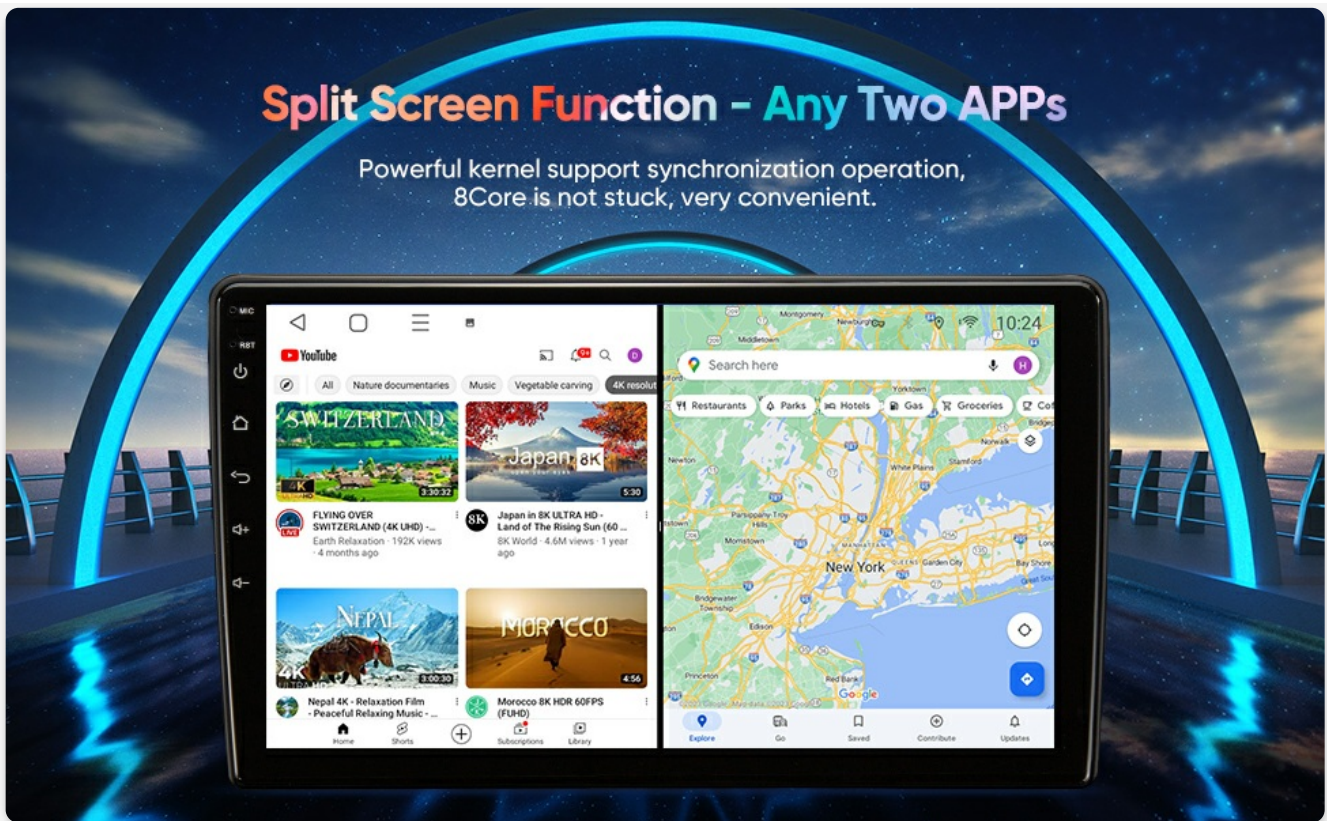


Figure 3.3: Highlights the Android 12 system, 8-core processor, dual-frequency WiFi, QLED screen, multiple UI themes, boot logo options, and Bluetooth 5.0 connectivity.

3.5 Rear Camera Display

When the vehicle is shifted into reverse gear, the unit will automatically display the real-time picture from the AHD 1080P rear camera, providing enhanced reversing assistance.



Figure 3.4: Details the AHD 1080P Rear Camera, emphasizing its high definition, night vision, wide angle, and waterproof capabilities.

3.6 Steering Wheel Control (SWC)

The unit supports integration with your vehicle's steering wheel controls, allowing you to manage various functions directly from your steering wheel for convenience and safety.

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Video 3.5: Illustrates the color panel light customization, 1080P video player functionality, and support for steering wheel controls (SWC), along with access to the Google Play Store.

4. MAINTENANCE

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

- **Screen Cleaning:** Use a soft, lint-free cloth to gently wipe the QLED touch screen. Avoid abrasive cleaners or harsh chemicals that could damage the display.
- **Software Updates:** Periodically check for system updates to ensure you have the latest features, bug fixes,

and security enhancements. Updates can typically be performed via Wi-Fi.

- **Environmental Conditions:** Avoid exposing the unit to extreme temperatures or direct sunlight for prolonged periods. The unit is designed to operate within a wide temperature range (-4°F to 158°F), but prolonged exposure to extremes can affect performance.
- **Connection Integrity:** Ensure all cables and connections are secure to prevent signal loss or intermittent functionality.

5. TROUBLESHOOTING

This section addresses common issues you might encounter with your AINAVI car stereo. For more complex problems, please contact customer support.

Problem	Possible Cause	Solution
Rear speakers not working.	Incorrect wiring harness, especially with JBL sound systems.	Verify all wiring connections, particularly for speaker outputs. Ensure the correct JBL wiring harness is used and properly connected. Consult a professional installer or the seller for assistance.
No video signal from rear camera.	Improper camera connection or power supply.	Check the camera's power and video signal connections. Ensure the reverse trigger wire is correctly connected to the vehicle's reverse light circuit.
Android Auto/CarPlay not connecting wirelessly.	Bluetooth or Wi-Fi interference, incorrect pairing.	Ensure Bluetooth is enabled on both the stereo and your phone. Forget and re-pair the device. Check Wi-Fi connection for wireless CarPlay/Android Auto. Restart both devices if necessary.
Unit is slow or unresponsive.	Too many applications running in the background, low memory.	Close unused applications. Clear cache from settings. Perform a system restart if the issue persists.
No sound output.	Volume muted, incorrect audio source selected, wiring issue.	Check volume levels and ensure the unit is not muted. Verify the correct audio source (e.g., Radio, Bluetooth, USB) is selected. Inspect speaker wiring connections.

6. SPECIFICATIONS

Feature	Detail
Brand	AINAVI
Model Compatibility	Toyota Highlander 2009-2013
Operating System	Android 12
Processor	8-Core
RAM	3GB
ROM	32GB

Feature	Detail
Display Size	10.2 Inches
Screen Type	QLED Touch Screen
Resolution	1280 x 720
Connectivity	Wi-Fi (2.4GHz + 5GHz), Bluetooth 5.0, USB
Navigation	GPS (Google Maps, Google Earth compatible)
Car Integration	Android Auto, Apple CarPlay, MirrorLink, AirPlay
Audio Features	Professional DSP (48-EQ), Stereo Audio Output
Rear Camera Support	AHD 1080P (High Definition, Night Vision, Wide Angle, Waterproof)
Item Weight	4.99 pounds
Package Dimensions	15.5 x 12.5 x 5.5 inches
UPC	782003156617

7. SUPPORT & WARRANTY

For any installation questions, technical support, or warranty inquiries, please contact the seller directly. AINAVI is committed to providing high-standard customer service.

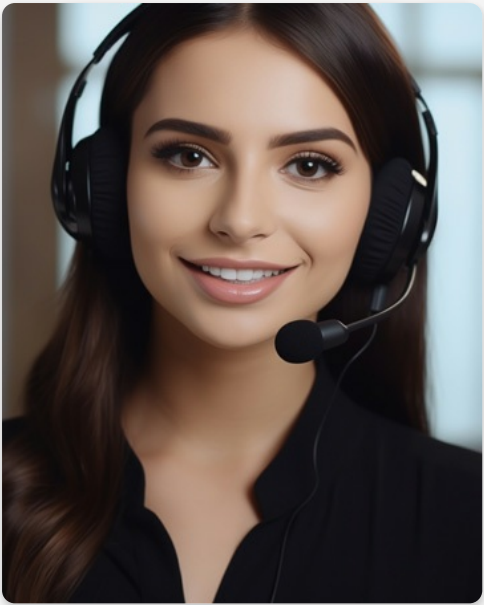


Figure 7.1: Image representing customer support. For assistance, follow the steps provided by the seller to reach their support team.

You can typically find seller contact information on the product's purchase page or within your order details. Prepare your product model number and a detailed description of your issue for faster service.

