

AINAVI AINAVI 7" 2+32G Android Double Din Car Radio Stereo

AINAVI 7-inch Android Double Din Car Radio Stereo Instruction Manual

Model: AINAVI 7" 2+32G Android Double Din Car Radio Stereo

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your AINAVI 7-inch Android Double Din Car Radio Stereo. Please read this manual thoroughly before using the product to ensure proper functionality and safety. Keep this manual for future reference.

2. PRODUCT OVERVIEW

The AINAVI 7-inch Android Double Din Car Radio Stereo is an advanced in-car entertainment and navigation system designed to enhance your driving experience. Key features include:

- **Android System:** 2GB RAM and 32GB storage for access to Google Play apps, navigation, and entertainment.
- **Wireless & Wired CarPlay/Android Auto:** Seamless smartphone integration for navigation, music, calls, and voice control.
- **7-inch QLED Touchscreen:** 1280x720 resolution with sharp visuals and smooth touch response, supporting customizable UI themes.
- **4.1-Channel Audio System with DSP EQ:** Built-in amplifier with 48-band EQ and 11 preset sound modes for precise audio tuning and powerful bass.
- **One-Touch Mic Switching:** Enhanced microphone settings to reduce noise for clearer calls, with support for an external microphone.
- **Bluetooth & Wi-Fi:** Dedicated Bluetooth chip and Wi-Fi antenna for fast pairing and stable connections.

3. WHAT'S IN THE BOX

Verify that all components are present before proceeding with installation:

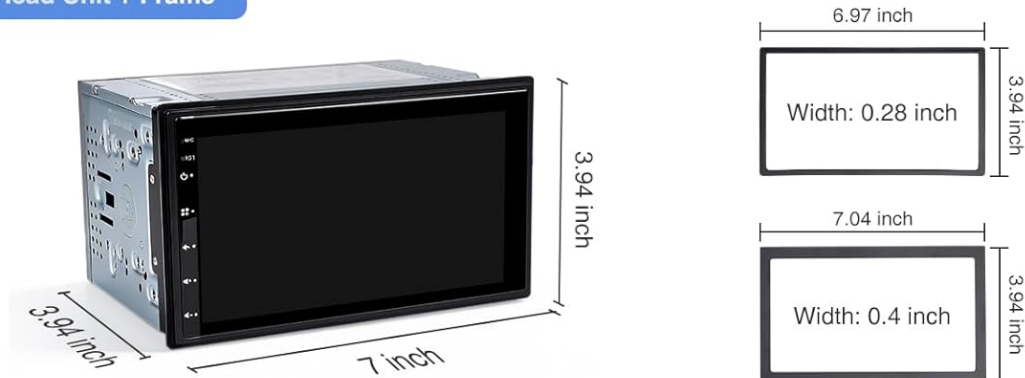
- 7 Inch Double Din Touchscreen Car Stereo (1280*480) x1
- Microphone x1
- Frame Removal Tool x1
- GPS Antenna x1
- USB 6Pin x2

- User Manual x1
- Power Cable x1

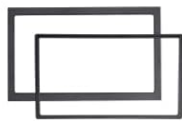
Include Accessory

Note: Two frame options are available to meet your needs.

Head Unit + Frame



Wire accessories



Installation Frame



GPS Antenna



Radio Cable



USB Cable*2



Car Microphone



Power Cable
(Some models with CANbus)



Rear Camera



Rear View Camera



CANBUS



Bracket /
Screw

Figure 1: Included Accessories for AINAVI 7-inch Double Din Car Stereo. This image displays the head unit, installation frames, GPS antenna, radio cable, two USB cables, and a car microphone.

4. SETUP & INSTALLATION

4.1 Pre-Installation Checks

- Ensure your vehicle is compatible with a double din head unit.
- Disconnect the vehicle's battery before starting installation to prevent electrical shorts.
- Gather all necessary tools, including a trim removal tool, screwdriver, and wire strippers/crimpers.

4.2 Physical Installation

Carefully remove the existing car stereo and trim panels. Attach the provided mounting brackets to the new AINAVI head unit. Secure the head unit into the dashboard opening.



Figure 2: Visual comparison of a car dashboard before and after upgrading to the AINAVI 7-inch Double Din Car Radio. The image also highlights key features like built-in DSP, smart navigation, backup camera support, split screen, 5G WiFi, Bluetooth, and Android 13.0.

4.3 Wiring Diagram

Refer to the detailed wiring guide below for connecting the power cable, speakers, and other accessories. Ensure all connections are secure and correctly matched to avoid damage.

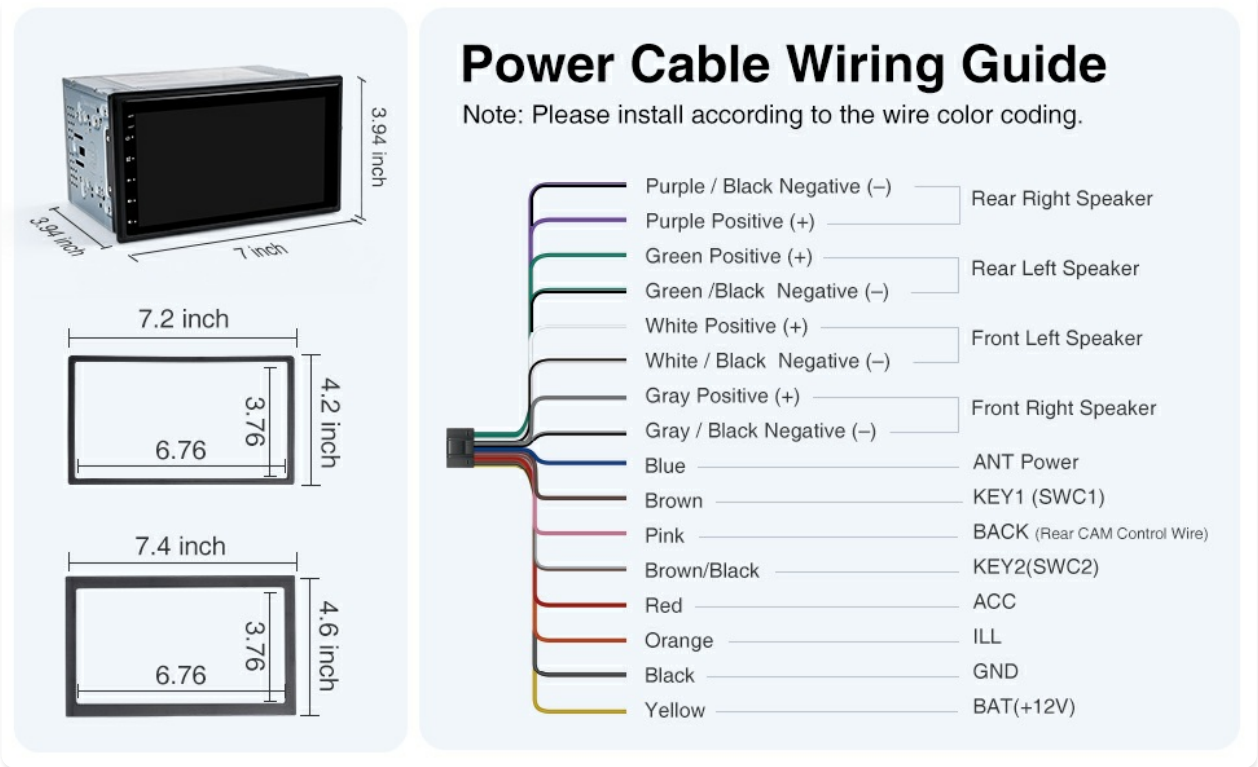


Figure 3: A detailed diagram illustrating the power cable wiring for the AINAVI car stereo, showing connections for speakers, ANT power, SWC, ACC, ILL, GND, and BAT (+12V).

4.4 Wiring Introduction Video

Watch this video for a visual guide on connecting the wiring harness.

Your browser does not support the video tag. Please download the video to view it.

Video 1: This video provides a step-by-step introduction to the wiring process for the 7-inch double din car stereo, demonstrating how to connect various cables and components.

4.5 General Wiring Connection Video

This video offers a general overview of wiring harness connections for car stereos.

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Video 2: This video demonstrates the general direction for wiring harness connections for a car stereo, showing how to connect the main power and speaker wires.

5. OPERATING INSTRUCTIONS

5.1 Function Introduction Video

Explore the various functions and features of your AINAVI car stereo with this introductory video.

Your browser does not support the video tag. Please download the video to view it.

Video 3: This video provides a comprehensive function introduction for the 7-inch double din car stereo, showcasing its various capabilities and user interface.

5.2 CarPlay & Android Auto

Connect your smartphone wirelessly or via USB to access navigation, music, calls, and voice assistants directly from the stereo's display. The system supports both Apple CarPlay and Android Auto.

Smarter Driving With Full Android System

 Android



Android system VS Linux system

| | | |
|---------------------------------|--------------|-----------------------------------|
| Enjoy Download 300+ apps | Ecosystem | Unable to install additional apps |
| Convenient Navigation, video | Expandable | Supporting only basic system |
| Built-in Customizable UI Themes | UI Themes | With no UI customization options |
| Works Without a Phone | Usage Method | Relies on a connected phone |

Figure 4: This image highlights the CarPlay and Android Auto features, including navigation on the big screen, access to more music, hands-free Bluetooth calls, and Android 13.0 app support.

5.3 Audio System (DSP/EQ)

Utilize the built-in DSP processor and 48-band EQ to customize your audio experience. Choose from 11 preset sound modes or fine-tune individual frequencies for optimal sound quality.



Figure 5: Illustration of the built-in 48 Bands DSP and 4.1 Channel audio system, showing sound distribution within a car cabin and the RCA outputs for upgraded audio.

5.4 Microphone Settings

The stereo features one-touch microphone switching to reduce noise. For clearer calls at high speeds, switch to the external microphone and install it closer to the driver.

External mic for calls while driving Built-in mic when parked



Hey, Mike.

Yeah, you sound clear.

Are you on the road?

One-tap Setting For Clearer Voice

- ✓ The built-in mic can be disabled to reduce vehicle noise.
- ✓ External microphone improves call clarity.

Mic Type

- ☐ Internal Mic
- ☒ External Mic

Upgrade

Figure 6: Depicts the use of an external microphone for clearer calls while driving, with an option to disable the built-in mic to reduce vehicle noise.

5.5 Display Customization

The Android system allows for multiple stylish and customizable UI themes. Personalize the interface to match your preferences and give your dashboard a modern look.



Figure 7: Compares the Android system with a Linux system, highlighting Android's advantages such as app downloads, expandability, customizable UI themes, and independent operation.

5.6 Radio (AM/FM)

Access AM/FM radio stations with clear reception. The system supports station presets and auto-scan features.



Figure 8: Shows various features on the car stereo screen, including FM/AM Radio, GPS Navigation, Backup Camera view, Bluetooth Calling, Steering Wheel Control options, and Multicolor Ambient Button Lighting.

6. SPECIFICATIONS

| Feature | Detail |
|--------------------|---------------------------|
| Item Weight | 3.63 pounds |
| Package Dimensions | 8.43 x 7.91 x 6.02 inches |
| Item Model Number | No Backup Camera |
| Display Size | 7 Inches |

| | |
|-------------------------|----------------------------------|
| Warranty | 12 Months Manufacturer Guarantee |
| Voice Command | Touchscreen |
| Brand | AINAVI |
| Vehicle Service Type | Car |
| Special Feature | Bluetooth, Touchscreen |
| Connectivity Technology | Bluetooth, USB, Wi-Fi |
| Map Type | North America |
| Audio Output Mode | Stereo |
| Mounting Type | Dashboard Mount |
| Memory Storage Capacity | 32 GB |

7. TROUBLESHOOTING

If you encounter any issues with your AINAVI car stereo, please refer to the following common troubleshooting steps:

- **No Power:** Check all power connections, including the main power cable and ignition wire. Ensure the vehicle's battery is charged.
- **No Sound:** Verify speaker connections and check the audio settings (volume, balance, fader, EQ). Ensure the correct audio source is selected.
- **CarPlay/Android Auto Not Connecting:** Ensure Bluetooth and Wi-Fi are enabled on your phone and the stereo. Try restarting both devices. Check USB cable connection if using wired mode.
- **Poor Microphone Quality:** Switch to the external microphone in the settings and ensure it is properly installed and positioned.
- **Touchscreen Unresponsive:** Try restarting the device. If the issue persists, perform a factory reset (refer to the settings menu for instructions).

8. WARRANTY & SUPPORT

Your AINAVI 7-inch Android Double Din Car Radio Stereo comes with a **12 Months Manufacturer Guarantee**. For technical support, warranty claims, or any questions not covered in this manual, please contact AINAVI customer service through the retailer where you purchased the product.