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Absolute USA AVH-9000NAV

Absolute AVH-9000NAV User Manual

7-Inch In-Dash Multimedia Touch Screen with Navigation System

Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your Absolute AVH-9000NAV in-dash multimedia system. Please read this manual thoroughly before using the product to ensure proper functionality and to prevent damage.
The AVH-9000NAV features a 7-inch touch screen, built-in navigation, Bluetooth connectivity, and an analog TV tuner, along with multimedia playback capabilities for DVD, VCD, MPEG4, MP3, CD, CD-R, and CD-RW formats.

Safety Information

- Do not operate the system in a way that distracts you from driving. Always prioritize road safety.
- Ensure proper installation by a qualified professional to prevent electrical hazards or damage to your vehicle.
- Avoid exposing the unit to extreme temperatures, direct sunlight for prolonged periods, or excessive moisture.
- Do not attempt to disassemble or modify the unit. This may void the warranty and cause damage.
- Keep the volume at a level that allows you to hear external traffic sounds.

Package Contents

Verify that all items are present in the package:

- Absolute AVH-9000NAV Main Unit
- Wireless Remote Control
- GPS Antenna
- Wiring Harness
- Mounting Hardware
- User Manual (this document)



Image: The retail packaging for the Absolute AVH-9000NAV, illustrating the unit's features and some included accessories.

Setup and Installation

1. Wiring Connections

Proper wiring is crucial for the safe and correct operation of the AVH-9000NAV. It is highly recommended that installation be performed by a professional car audio technician.

- **Power Connection:** Connect the yellow wire to a constant 12V power source, the red wire to an accessory (switched) 12V power source, and the black wire to ground.
- **Speaker Connections:** Connect speaker wires according to their polarity (+/-) to the corresponding vehicle speakers.
- **Antenna Connection:** Connect the vehicle's radio antenna to the unit. For the analog TV tuner, an external TV antenna (not included) may be required.
- **GPS Antenna:** Mount the GPS antenna in a location with a clear view of the sky, typically on the dashboard or under the windshield. Connect it to the designated GPS input on the unit.
- **Parking Brake Wire:** For safety, the parking brake wire must be connected to the vehicle's parking brake circuit. Video playback functions are disabled when the parking brake is disengaged.
- **Reverse Gear Wire:** Connect this wire to the vehicle's reverse light circuit for automatic camera display (if a rearview camera is connected).

2. Mounting the Unit

The AVH-9000NAV is designed for a 1.5-DIN chassis size. Ensure your vehicle's dashboard opening is compatible. Use the provided mounting hardware to secure the unit firmly in the dash.

3. Initial Power On and Configuration

After installation, turn on your vehicle's ignition. The unit should power on. Follow the on-screen prompts for initial setup, including language selection and time zone settings.



Image: The Absolute AVH-9000NAV unit with its 7-inch touch screen extended, displaying a navigation map interface.

Operating Instructions

1. Basic Controls



Image: The front panel of the Absolute AVH-9000NAV, showing the physical buttons, rotary knob, and digital display when the screen is retracted.

- **Power/Mute Button:** Press to turn the unit on/off or mute/unmute audio.
- **Volume Knob:** Rotate to adjust audio volume. Press to select menu options.
- **Mode Button:** Cycles through available audio/video sources (Radio, DVD, USB, SD, Bluetooth, AUX, TV, Navigation).
- **Open Button:** Ejects the disc or opens/closes the motorized screen.
- **Band/Pair Button:** In radio mode, changes frequency bands. In Bluetooth mode, initiates pairing.

2. Touch Screen Operation

The 7-inch TFT LCD touch screen allows for intuitive control of all functions. Tap icons to select options, swipe to navigate menus, and use drag gestures where applicable.

3. Navigation System

The built-in navigation system provides turn-by-turn directions and map display. Ensure the GPS antenna is properly connected and has a clear signal.

- **Accessing Navigation:** Select "Navigation" from the main menu or press the dedicated NAV button (if available).

- **Setting Destination:** Use the on-screen keyboard to enter an address, point of interest, or select from recent destinations.
- **Map View:** Switch between 2D and 3D map views. Adjust zoom levels and orientation.
- **GPS Path Setting:** If navigation maps do not load, go to Settings > GPS Path and select the igo8.exe file (or similar navigation executable) on the SD card.

4. Bluetooth Connectivity

Pair your mobile phone to the AVH-9000NAV for hands-free calling and audio streaming.

1. Turn on Bluetooth on your mobile device.
2. On the AVH-9000NAV, select "Bluetooth" mode.
3. Search for available devices on your phone. The unit will appear as "AVH-9000NAV" or similar.
4. Select the unit and enter the pairing code, typically "0000" or "8888".
5. Once paired, you can make/receive calls and stream audio.

5. Multimedia Playback

The unit supports various media formats via DVD/CD, USB, and SD card.

- **DVD/CD:** Insert a disc into the slot behind the screen. The unit will automatically switch to DVD/CD mode.
- **USB/SD:** Insert a USB drive into the USB port or an SD card into the SD card slot. Select "USB" or "SD" mode to browse and play media files (MP3, WMA, AAC, MPEG4).
- **Analog TV Tuner:** Select "TV" mode. Scan for available analog channels. An external antenna may be required for optimal reception.

Maintenance

- **Cleaning the Screen:** Use a soft, lint-free cloth to gently wipe the touch screen. Do not use abrasive cleaners or solvents.
- **Cleaning the Unit:** Wipe the exterior of the unit with a dry, soft cloth.
- **Disc Care:** Handle discs by their edges. Keep them clean and free of scratches.
- **Firmware Updates:** Check the Absolute USA website periodically for any available firmware updates to improve performance or add features.

Troubleshooting

Problem	Possible Cause	Solution
No power	Blown fuse, incorrect wiring, loose connection.	Check vehicle fuses and the unit's fuse. Verify power and ground connections. Consult an installer.
No sound	Volume muted, incorrect speaker wiring, amplifier issue.	Check volume level and mute status. Verify speaker connections.
Navigation not working	GPS antenna not connected, poor signal, incorrect GPS path setting.	Ensure GPS antenna is properly connected and has a clear view of the sky. Verify GPS path setting in system settings.

Problem	Possible Cause	Solution
Bluetooth pairing issues	Incorrect pairing code, device not in pairing mode, interference.	Ensure correct pairing code (0000 or 8888). Put phone in pairing mode. Try re-pairing.
Video playback disabled	Parking brake not engaged, parking brake wire incorrectly connected.	Engage parking brake. Verify parking brake wire connection (for safety, video is only active when parking brake is on).

Specifications

Model: AVH-9000NAV

Display: 7-Inch TFT LCD Touch Screen

Chassis Size: 1.5-DIN

Media Playback: DVD, VCD, MPEG4, MP3, CD, CD-R, CD-RW, USB, SD Card

Connectivity: Built-in Bluetooth, USB, SD Card Slot

Navigation: Built-in GPS Navigation System

Tuner: Analog TV Tuner, AM/FM Radio

Preamp Voltage: 80 Volts

Item Weight: Approximately 0.01 ounces (Note: This weight seems unusually low and may be a data entry error. Refer to product packaging for accurate weight.)

Product Dimensions: 12 x 9.6 x 4.2 inches

Manufacturer: Absolute USA Inc.

UPC: 847169008498

Warranty Information

The Absolute AVH-9000NAV comes with a 3-year factory warranty. This warranty covers defects in materials and workmanship under normal use. It does not cover damage resulting from improper installation, accident, misuse, abuse, neglect, unauthorized modification, or normal wear and tear.
For warranty service, please retain your proof of purchase and contact Absolute USA customer support.

Customer Support

If you have any questions or require assistance with your AVH-9000NAV, please contact Absolute USA customer support.

- **Manufacturer:** Absolute USA Inc.
- **Website:** www.absoluteusa.com
- **Contact Information:** Refer to the official Absolute USA website for the most current contact details, including phone numbers and email support.

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