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AINAVITO A9T

AINAVITO A9T Car Radio User Manual

Model: A9T | Brand: AINAVITO

1. Introduction and Overview

This manual provides detailed instructions for the installation, operation, and maintenance of your AINAVITO A9T Car Radio. Designed specifically for Hummer H3 models from 2005 to 2010, this advanced car stereo system offers a seamless blend of entertainment, navigation, and connectivity features to enhance your driving experience.
Key features include an Android 12 operating system, wireless CarPlay and Android Auto, 5G Wi-Fi, Bluetooth 5.0, GPS navigation, and a high-resolution QLED display. Please read this manual thoroughly before installation and use to ensure proper functionality and safety.

2. Package Contents

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

- 1 x Car Stereo Radio with Frame
- 1 x GPS Antenna
- 1 x Frame Removal Tool
- 1 x RCA Cable
- 1 x Power Cable
- 1 x Car Microphone
- 1 x Product User Manual (this document)
- 1 x Rear View 1080P Camera
- 2 x USB Cables

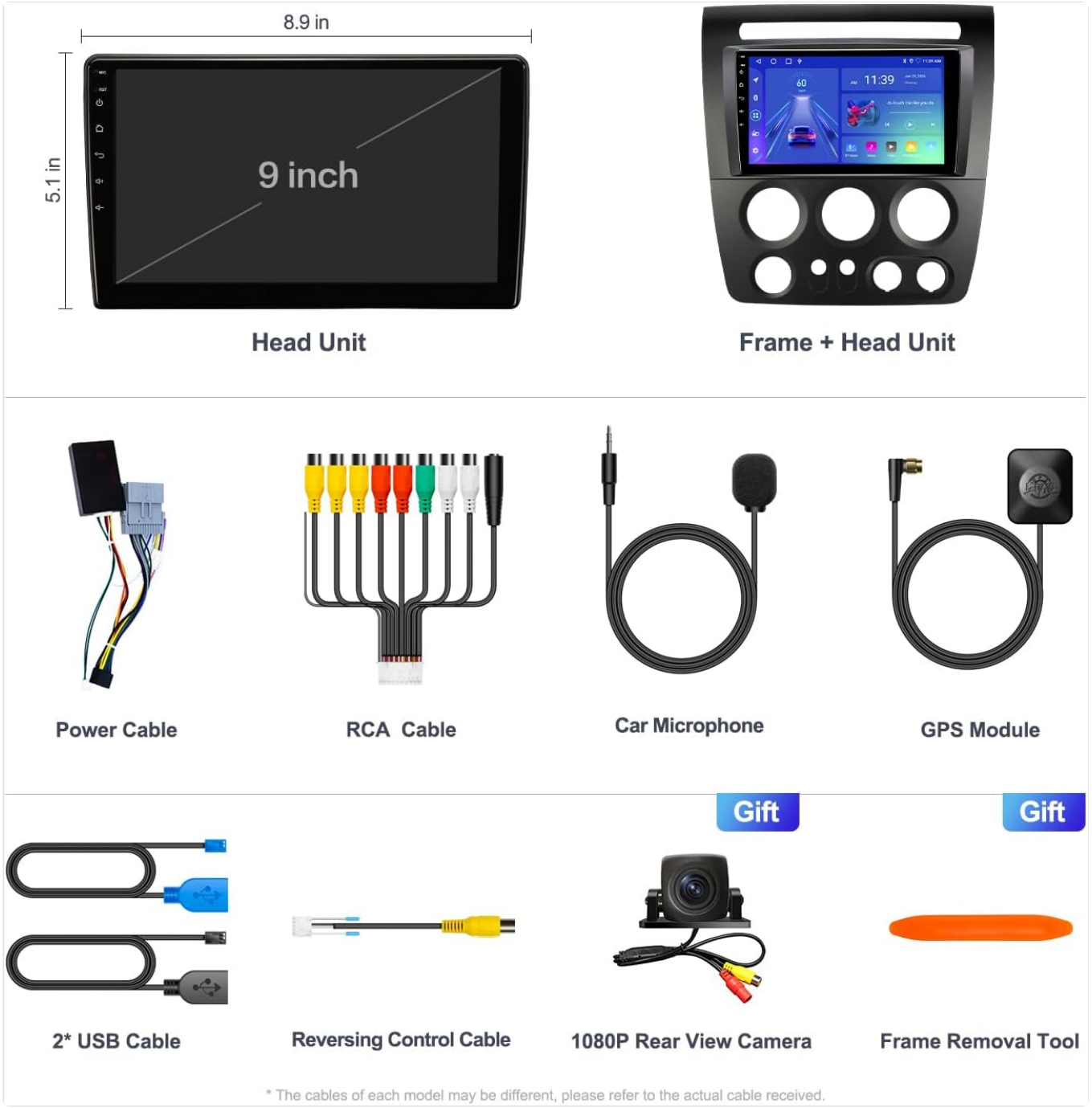

Image: Included components and head unit dimensions. The image displays the 9-inch head unit, the custom frame for Hummer H3, and various cables and accessories such as the GPS antenna, microphone, RCA cables, power cable, USB cables, and the included 1080P backup camera.

3. Product Specifications

Feature	Specification
Model Number	A9T
Compatible Vehicles	Hummer H3 (2005-2010)
Operating System	Android 12
RAM	2GB

ROM	64GB
Display Size	9 Inches
Screen Resolution	QLED 1280x720 HD
Connectivity	5G Wi-Fi, Bluetooth 5.0, AUX, USB
Audio Features	Built-in DSP, 48-band EQ, Surround/Bass Boost/Bass Filter/Sound Field
Navigation	GPS Module, Supports Worldwide Maps
Radio Tuner	AM/FM
Voice Command	Microphone, Touchscreen
Mounting Type	Dashboard Mount

4. Setup and Installation

The AINAVITO A9T Car Radio is designed for plug-and-play installation, integrating seamlessly with your Hummer H3's existing wiring and dashboard. Full Steering Wheel Control support is included.

4.1 Pre-Installation Check

- Ensure your vehicle's ignition is off and the battery is disconnected before starting installation.
- Verify all package contents are present and undamaged.

4.2 Installation Steps

1. Carefully remove the original car radio and dashboard trim using the provided frame removal tool.
2. Connect the power cable, RCA cable, and other necessary wiring harnesses from the new unit to your vehicle's corresponding ports. Ensure all connections are secure.
3. Install the GPS antenna in a location with a clear view of the sky, typically on the dashboard or under the windshield.
4. Connect the included 1080P rear view camera. Route the camera cable to the rear of the vehicle and connect it to the appropriate input on the head unit.
5. Mount the new AINAVITO A9T head unit into the dashboard opening, ensuring it fits securely within the custom frame.
6. Reconnect the vehicle's battery and test the unit's functionality.



Image: Before and After installation. This image illustrates the transformation of the Hummer H3 dashboard from the original radio setup to the new AINAVITO A9T car radio, demonstrating a clean and integrated fit.

For detailed wiring diagrams or specific vehicle considerations, please refer to the detailed installation picture included in your package or contact AINAVITO professional engineer guidance for assistance.

5. Operating Instructions

5.1 Basic Operation

- **Power On/Off:** Press and hold the power button on the unit or use the vehicle's ignition.
- **Touchscreen Interface:** Navigate through menus and applications by tapping, swiping, and pinching on the QLED touchscreen.
- **Home Screen:** Access frequently used apps and widgets from the customizable home screen. Multiple UI themes are available for personalization.

- **Volume Control:** Adjust volume using the physical buttons or on-screen controls.

5.2 Connectivity (CarPlay, Android Auto, Bluetooth, Wi-Fi)

The unit supports both wireless and wired connections for Apple CarPlay and Android Auto, allowing seamless integration with your smartphone.

- **Wireless CarPlay/Android Auto:** Enable Bluetooth and Wi-Fi on your phone. On the car radio, select the CarPlay or Android Auto app and follow the on-screen prompts to pair your device.
- **Wired CarPlay/Android Auto:** Connect your phone to the unit via a USB cable. The system will automatically detect and launch CarPlay or Android Auto.
- **Bluetooth 5.0:** For hands-free calling and audio streaming, pair your phone via Bluetooth. Go to Bluetooth settings on the unit, search for your phone, and connect.
- **5G Wi-Fi:** Connect to a mobile hotspot or home Wi-Fi network to access online maps, download apps from the Play Store, and stream content.
- **Mirroring (Airplay):** Supports wireless and wired mirroring for both iPhone (Airplay) and Android devices, allowing you to display your phone's screen on the car radio.



Image: Wired & Wireless CarPlay + Android Auto. This graphic demonstrates how both iPhone users (via CarPlay) and Android users (via Android Auto) can connect their smartphones to the car radio, enabling access to phone functions like navigation, calls, and music.



Image: Support for 5G WiFi and Bluetooth Connection. This image displays the various multimedia and connectivity options available, including music playback, 5G Wi-Fi internet access, video playback, and FM/AM radio tuning.

5.3 Audio and Display

- **QLED 1280x720 HD Screen:** Enjoy vibrant and clear visuals with reduced glare.
- **Built-in DSP & 48-band EQ:** Customize your audio experience. Access the Equalizer settings to adjust frequency bands, bass, treble, and sound field (Surround/Bass Boost/Bass Filter/Sound Field) to match your preferences and vehicle acoustics.



Image: Built-in DSP & 48 EQ. This visual demonstrates the advanced sound customization options available, including a digital sound processor (DSP) and a 48-band equalizer, allowing users to fine-tune their audio output for optimal sound quality.

5.4 Navigation and Multimedia

- **GPS Navigation:** The built-in GPS module supports various map applications available on the Google Play Store. Download your preferred navigation app for real-time directions and traffic updates.
- **Multimedia Playback:** Play music and videos from USB drives, connected devices, or streaming apps.
- **AM/FM Radio:** Tune into your favorite radio stations using the integrated AM/FM tuner.



Image: GPS Navigation. This image shows the car radio displaying a navigation map, highlighting its built-in GPS capabilities and compatibility with popular mapping applications.

5.5 Advanced Features

- **Split Screen Display:** Run two applications simultaneously on the screen, such as navigation and music playback.
- **AHD 1080P Backup Camera:** The included high-definition backup camera provides a clear view when reversing, enhancing safety.
- **Google Play Store:** Download and install a wide range of applications including social media (Facebook, TikTok), video streaming (YouTube), and more.



Image: Overview of Key Features. This collage visually summarizes the core functionalities of the car radio, including its Android operating system, memory specifications, high-definition backup camera support, QLED display, split-screen capability, 5G Wi-Fi, GPS, DSP, and steering wheel control compatibility.

6. Maintenance

To ensure the longevity and optimal performance of your AINAVITO A9T Car Radio, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the screen and unit. Avoid abrasive cleaners or solvents that could damage the surface.
- **Software Updates:** Periodically check for system software updates to ensure you have the latest features and bug fixes. Updates can typically be found in the system settings or through the manufacturer's website.
- **Temperature:** Avoid exposing the unit to extreme temperatures, both hot and cold, as this can affect its electronic components.

- **Connections:** Ensure all cables and connections remain secure and free from damage.

7. Troubleshooting

If you encounter any issues with your AINAVITO A9T Car Radio, please refer to the following common troubleshooting steps:

- **No Power:** Check all power cable connections. Ensure the vehicle's ignition is on and the battery is properly connected. Verify fuses are intact.
- **No Sound:** Check volume levels. Ensure speakers are properly connected. Verify audio settings (EQ, DSP) are not muted or set to an extreme.
- **Touchscreen Unresponsive:** Try restarting the unit. If the issue persists, a factory reset might be necessary (note: this will erase all user data).
- **GPS Signal Lost:** Ensure the GPS antenna has a clear view of the sky. Check antenna connection.
- **CarPlay/Android Auto Not Connecting:** Ensure Bluetooth and Wi-Fi are enabled on your phone and the unit. Try restarting both devices. For wired connections, try a different USB cable.
- **System Freezes/Slow Performance:** Close unnecessary background applications. Clear cache from apps. Consider a factory reset if performance issues persist.

For issues not covered here, or if troubleshooting steps do not resolve the problem, please contact AINAVITO customer support.

8. Warranty and Support

AINAVITO provides a one-year warranty for the A9T Car Radio, covering manufacturing defects and malfunctions under normal use. Please retain your proof of purchase for warranty claims.
For any questions related to product use, settings, installation, or technical support, AINAVITO offers professional engineer guidance and 24-hour after-sale service. You can reach our support team by visiting our store page on the platform where you purchased the product and using the 'Ask a Question' feature. Our engineers are committed to replying within 24 hours to assist you with your concerns.
For the most efficient support, please provide your product model number (A9T) and a detailed description of the issue you are experiencing.

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