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AINAVITO 11.5 Inch Wireless CarPlay Android Auto Screen User Manual

Model: 760762577447 | For Ford Mustang (GT) 2015-2022

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your AINAVITO 11.5 Inch Wireless CarPlay Android Auto Screen. Please read this manual thoroughly before installation and use to ensure proper function and to prevent damage. Keep this manual for future reference.

SAFETY INFORMATION

- Ensure the vehicle's power is disconnected before beginning installation to prevent electrical shock or damage.
- Professional installation is recommended. If you are unsure about any step, consult a qualified technician.
- Do not operate the device in a manner that distracts you from driving. Always prioritize road safety.
- Avoid exposing the unit to extreme temperatures, direct sunlight for prolonged periods, or excessive moisture.
- This product is designed for Ford Mustang (GT) models from 2015-2022. Verify compatibility before installation.
- **Important Note:** This unit does not include the power harness and protocol box for OEM Bang & Olufsen sound systems. If your Mustang has a Bang & Olufsen system, a separate protocol box and harness are required. Contact AINAVITO support for details.

Image: Warning regarding incompatibility with Bang & Olufsen sound systems. A red 'X' indicates non-compatibility.

PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- 1x Car Head Unit with Car Frame
- 1x RCA Cable

- 1x Power Cable (some models with CANbus)
- 1x Car Microphone
- 1x GPS Antenna
- 1x Frame Removal Tool
- 1x Rear View 1080P Camera
- 2x USB Cables
- 1x Reversing Control Cable
- 1x OEM Rearview Adapter Cable
- 1x FM Antenna



Image: Detailed view of all included accessories and cables.

INSTALLATION GUIDE

This unit is designed for a plug-and-play installation for 2015-2022 Ford Mustang models. However, careful attention to wiring and component placement is crucial. Refer to your vehicle's service manual for specific dashboard disassembly instructions.

- 1. Preparation:** Disconnect the vehicle's battery to prevent electrical shorts. Protect interior surfaces with a soft cloth.
- 2. Remove Original Radio:** Carefully remove the trim panels and screws securing the factory radio and climate control unit. Use the provided frame removal tool if necessary.
- 3. Connect Wiring:**
 - Connect the main power cable harness to the vehicle's wiring. Ensure all connections are secure.
 - Attach the GPS antenna, routing the cable to a location with a clear view of the sky (e.g., dashboard corner).
 - Connect the car microphone and route it to a suitable location for clear voice input.
 - Connect the RCA cables for audio output, if using external amplifiers.
 - Install the 1080P rear view camera and connect its cable to the head unit. Ensure the reversing control cable is properly connected for automatic display when in reverse gear.
 - Connect the USB cables for external devices.
 - **Troubleshooting No Sound:** If you experience no sound after installation, the remote wire for your factory amplifier may not be connected. Locate the blue remote wire behind the head unit and connect it to the remote wire from your car's wiring harness to activate the factory amplifier.
- 4. Mount New Head Unit:** Secure the AINAVITO head unit into the dashboard opening using the provided car frame and screws.
- 5. Test Functionality:** Reconnect the vehicle's battery. Turn on the ignition and test all functions: audio, touchscreen, CarPlay/Android Auto, GPS, Bluetooth, and air conditioning controls.
- 6. Reassemble:** Once all functions are verified, reassemble the dashboard trim panels.



Image: Comparison of the Ford Mustang dashboard before and after the installation of the AINAVITO head unit.

INITIAL SETUP AND CONFIGURATION

After successful installation, perform the following initial setup steps:

- Power On:** Start your vehicle. The unit should power on automatically.
- Language and Time Settings:** Navigate to the system settings to select your preferred language, time zone, and date format.
- Wi-Fi Connection:** Connect to a Wi-Fi network (e.g., mobile hotspot) to enable online features, app downloads, and system updates. Go to **Settings > Network & Internet > Wi-Fi**.
- Bluetooth Pairing:** Pair your smartphone via Bluetooth for hands-free calling and audio streaming. Go to **Settings > Connected devices > Pair new device**.
- GPS Calibration:** Ensure the GPS antenna has a clear signal. Open a navigation app to verify location accuracy.
- Steering Wheel Controls (SWC):** If your vehicle has steering wheel controls, configure them in the unit's settings to match your vehicle's functions.

OPERATING INSTRUCTIONS

Wireless CarPlay & Android Auto

The unit supports both wireless and wired Apple CarPlay and Android Auto. This allows seamless integration with your smartphone for navigation, music, calls, and messages.

- **Wireless Connection:**
 - Ensure Bluetooth and Wi-Fi are enabled on your smartphone.
 - On the head unit, open the CarPlay or Android Auto application.
 - Follow the on-screen prompts to pair your phone.
- **Wired Connection:** Connect your smartphone to one of the unit's USB ports using a high-quality USB cable. The system should automatically detect and launch CarPlay or Android Auto.

Image: Demonstration of Apple CarPlay and Android Auto functionality on the screen.

Air Conditioning Control

The unit features an integrated touchscreen for air conditioning control, replacing the physical buttons while retaining original functionality.

- Tap the AC icon on the screen to access climate control settings.
- Adjust temperature, fan speed, and air direction using the on-screen interface.
- The system supports multi-language selection and temperature unit (°C/°F) selection.

Image: Touchscreen interface for air conditioning control.

GPS Navigation

Utilize the built-in GPS module for accurate navigation. Pre-installed maps or online navigation apps (e.g., Google Maps via Wi-Fi/hotspot) can be used.

- Ensure the GPS antenna is properly installed and has a clear signal.
- Open your preferred navigation application from the main menu.

- Enter your destination and follow the on-screen directions.

Rear View Camera

The included AHD 1080P rear view camera provides a clear view behind your vehicle, enhancing safety during reversing maneuvers.

- When the vehicle is shifted into reverse gear, the screen will automatically display the real-time camera feed.
- The camera features high definition, night vision, wide angle, and waterproof capabilities.



Image: Real-time display from the AHD 1080P backup camera.

Split Screen Display

The unit supports split-screen functionality, allowing you to run two applications simultaneously, such as navigation and music playback.

- To activate split screen, open an application, then long-press the recent apps button or drag another app from the app drawer to the side of the screen.



Image: Split screen display showing multiple applications running concurrently.

KEY FEATURES

- **Operating System:** Android 13 for smooth and efficient performance.
- **Processor:** Built-in 8-core processor for faster processing and multitasking.
- **Memory & Storage:** 4GB RAM and 64GB ROM provide ample space for apps and data.
- **Display:** 11.5-inch 2K QLED Touch Screen with 2000x1200 resolution, offering stunning visuals and glare-free viewing.
- **Connectivity:** 5G Wi-Fi, Bluetooth 5.0, FM/AM Radio, AUX, GPS. Supports mobile hotspots.
- **Audio:** Integrated DSP (Digital Signal Processor) with 48-band EQ settings for customizable and immersive audio. Compatible with original car speakers.
- **Camera Support:** Includes AHD 1080P rear view camera with night vision and wide-angle capabilities.
- **Compatibility:** Specifically designed for Ford Mustang (GT) 2015-2022 models.



Image: Overview of the main features and specifications of the head unit.



Image: Detailed view of the 8-core processor and system specifications.



Image: Illustration of 5G connectivity and 48-band equalizer settings.

MAINTENANCE

- **Cleaning the Screen:** 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 system software updates via Wi-Fi to ensure optimal performance and access to new features.
- **Environmental Care:** Avoid prolonged exposure to extreme heat or cold, which can affect the unit's lifespan.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No Sound from Speakers	Remote wire for factory amplifier not connected.	Locate the blue remote wire behind the head unit and connect it to the remote wire from your car's wiring harness. This activates the factory amplifier. Check volume levels and audio settings.
Unit Does Not Power On	Incorrect power wiring or blown fuse.	Check all power connections. Verify the vehicle's fuse box and the unit's inline fuse. Ensure the vehicle's battery is connected and charged.
CarPlay/Android Auto Not Connecting	Bluetooth/Wi-Fi issues, incorrect cable, or phone settings.	For wireless: Ensure Bluetooth and Wi-Fi are on your phone and paired. For wired: Use a certified USB cable. Restart both phone and head unit. Check phone permissions for CarPlay/Android Auto.
GPS Signal Weak or Inaccurate	GPS antenna placement or obstruction.	Ensure the GPS antenna is placed in a location with a clear view of the sky, free from obstructions. Check antenna connection.
Touchscreen Unresponsive	Temporary software glitch or physical damage.	Restart the unit. If the problem persists, perform a factory reset (note: this will erase all data). If still unresponsive, contact support.

SPECIFICATIONS

Feature	Detail
Model Number	760762577447
Screen Size	11.5 inches
Display Type	2K QLED Touch Screen
Resolution	2000x1200
Operating System	Android 13.0
Processor	8-Core
RAM	4GB

Feature	Detail
ROM	64GB
Connectivity	Bluetooth 5.0, 5G Wi-Fi, FM/AM Radio, AUX, GPS
Special Features	Wireless/Wired Apple CarPlay, Wireless/Wired Android Auto, Screen Mirroring, Digital Display, DSP, AHD 1080P Camera Support, Air Condition Control
Compatible Vehicles	Ford Mustang (GT) 2015-2022
Item Weight	6.6 pounds
Package Dimensions	17.6 x 14.88 x 6.26 inches



Image: Dimensions of the head unit and a view of its rear panel.

WARRANTY AND SUPPORT

AINAVITO provides professional engineering guidance and technical support for its products.

- For any questions regarding product use, settings, or installation, please contact AINAVITO customer support.
- You can typically find product support by navigating to the seller's page on the purchase platform (e.g., Amazon), locating the "Sold By" section, and clicking "Ask a Question."
- Support engineers aim to respond within 24 hours.



Image: Instructions on how to access technical support.

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Related Documents - 760762577447

 The video of how to change the dash board Chinese language to the English after installing the update Car Stereo.	<u>How to Change Chevrolet Cruze Car Stereo Language from Chinese to English</u> Step-by-step guide to changing the dashboard language on an AINAVITO car stereo for Chevrolet Cruze (2009-2015) from Chinese to English.
 Product Manual Car Stereo System	<u>Car Stereo System Product Manual</u> A comprehensive guide to the features and operation of the car stereo system, including navigation, Bluetooth, audio settings, and more.

 The steps of how to change the dashboard Chinese language to English after installing the new car stereo.  Product Manual Instructional Guide	<p>How to Change Chevrolet Cruze Car Stereo Language from Chinese to English</p> <p>Step-by-step guide to changing the dashboard language on an AINAVITO car stereo for Chevrolet Cruze (2009-2015) from Chinese to English.</p> <p>Car Stereo System Product Manual</p> <p>A comprehensive guide to the features and operation of the car stereo system, including navigation, Bluetooth, audio settings, and more.</p>
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