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AINAVITO 10 inch-Single Knob-Keybutton

AINAVITO 4G+64GB Car Stereo Instruction Manual

For Ford F150 (2009-2014) with Manual AC ONLY

Model: 10 inch-Single Knob-Keybutton

1. Product Overview

This manual provides detailed instructions for the installation, operation, and maintenance of your AINAVITO 4G+64GB Car Stereo. This unit is specifically designed for Ford F-150 models from 2009-2014 that are equipped with **manual climate controls ONLY** and basic radios. It is **NOT compatible** with 4.2" screens, 8" MyFord Touch SYNC systems, or models with auto-climate controls.

The system features a 10-inch QLED touchscreen, Android 13.0 operating system, 4GB RAM, 64GB ROM, Wireless CarPlay, Android Auto, and a physical volume knob with key buttons for enhanced usability.



Image 1: Compatibility chart for Ford F-150 (2009-2014) models, highlighting manual AC compatibility and incompatible screen types.

2. What's in the Box

Please verify that all components are present before beginning installation:

- 1x 10-inch Car Stereo Head Unit with Frame

- 1x RCA Cable
- 1x Power Cable
- 1x Car Microphone
- 1x GPS Antenna
- 1x Frame Removal Tool
- 1x 1080P Rear View Camera
- 2x USB Cables
- 1x Reversing Control Extension Cable
- 1x Detailed Installation Picture Guide
- 1x Product User Manual

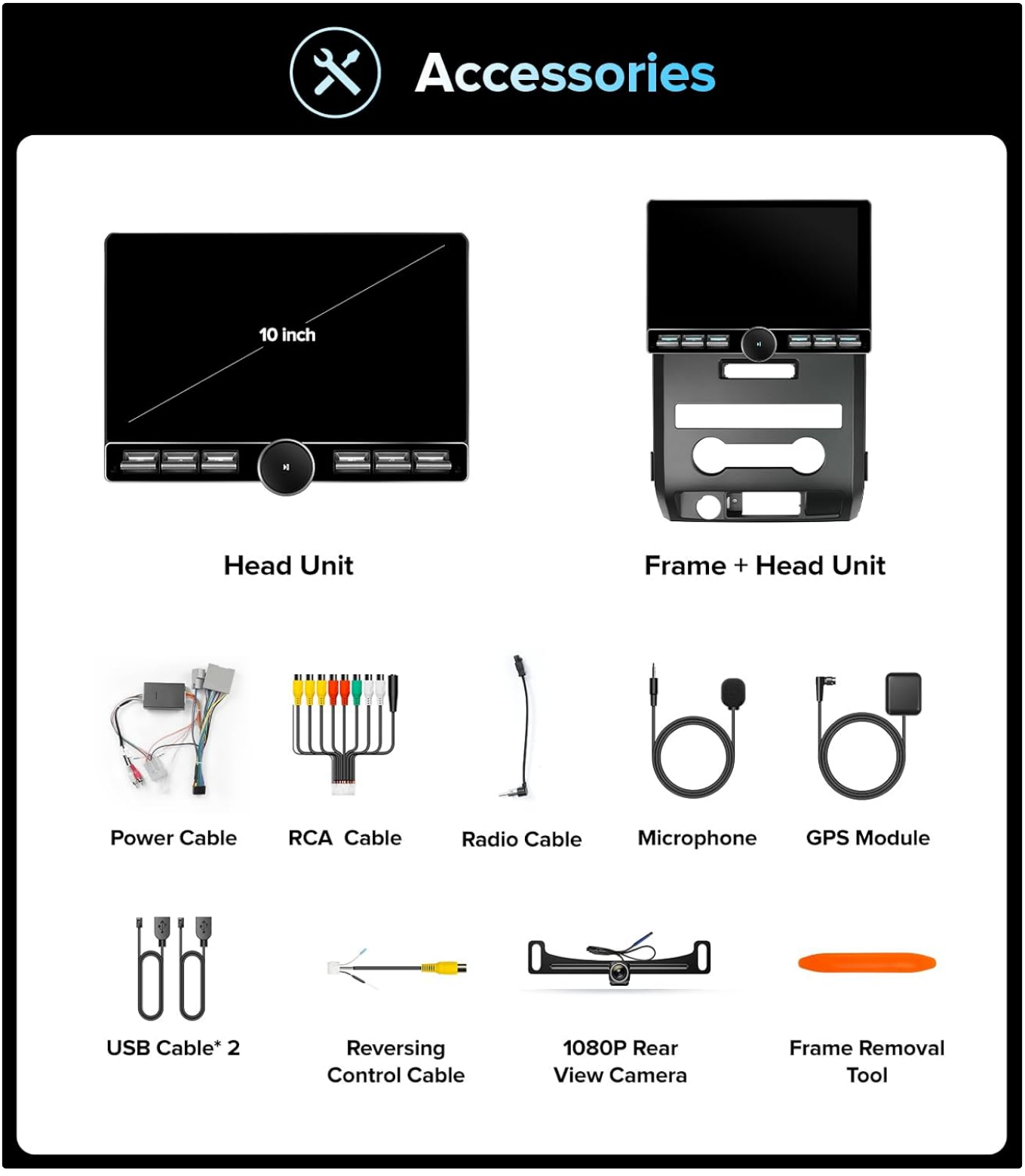

Image 2: Visual representation of all included accessories and cables.

▶ **Watch video online**
10" Single Knob Keybutton F150 Radio Unboxing Video

Video 1: Unboxing video for the 10-inch Single Knob Keybutton F150 Radio, detailing included components.

3. Installation Guide

This section outlines the steps for installing your new AINAVITO car stereo. It is recommended to watch the provided installation video for a visual guide.

3.1. Preparation

- Ensure the vehicle is turned off and the battery is disconnected before starting.
- Gather necessary tools: pry tool, 7mm socket, 10mm socket.

3.2. Removing the Original Radio and Panels

1. Use a pry tool to remove the rubber mat above the original car radio.
2. Using a 7mm socket tool, unscrew the two fixing screws located under the rubber mat.
3. Pry out the USB port panel and unplug the cable behind it.
4. Unscrew the 7mm fixing screws under the USB panel.
5. Carefully pry out the air vent panels on both sides of the radio.
6. Remove the center radio unit and unplug all connecting cables from its back.
7. Using a 7mm socket, unscrew the four fixing screws of the OEM radio and remove it.
8. Open the glove box on the passenger side. Push inward on the sides to lower the glove box completely.
9. Use a 10mm socket to unscrew the three hidden fixing screws behind the glove box.
10. Pry out the passenger airbag trim panel.
11. Remove the screws holding the air vent panel on the passenger side.
12. Remove the AC control panel, hazard light control panel, and cigarette lighter port from the original faceplate. Transfer these components to the new radio faceplate.

3.3. Connecting the New Unit

13. Connect the new power cables to the vehicle's original power cables.
14. Connect the AC control cable and the cigarette lighter cable.
15. Note: The hazard light cable may not be long enough. You may need to move it to the far left before connecting it.
16. Feed the power cable through the center of the panel to connect to the new head unit.
17. Connect all necessary cables to the back of the new head unit according to the wiring diagram provided in the manual.

3.4. Reassembly

18. Align the clips on the new trim panel and press down firmly to snap it into place.
19. Reinstall all removed panels and screws in reverse order of removal.

▶ **Watch video online**
How to install the Ford F150 2009-2014 radio

Video 2: Detailed installation guide for the Ford F150 2009-2014 radio.

4. Operating Instructions

4.1. Basic Functions

- **QLED Touch Screen:** The 10-inch 1280x720 QLED display offers clear visuals and responsive touch control.
- **Physical Volume Knob & Buttons:** Use the tactile knob for volume control and the physical buttons for quick access to essential functions without looking away from the road.
- **Android 13.0 System:** Navigate through apps and settings with the latest Android operating system.
- **AM/FM Tuner:** Access local radio stations with automatic and manual search functions.
- **Split Screen Display:** Utilize multiple applications simultaneously, such as navigation and music playback.



Image 3: Wireless CarPlay and Android Auto interface on the QLED screen.

4.2. Wireless CarPlay & Android Auto

Connect your smartphone wirelessly via Bluetooth 5.4 and 5G Wi-Fi for seamless integration of CarPlay or Android Auto. This allows access to navigation, music, calls, and messaging directly from the stereo display.

▶ **Watch video online**
Wireless Carplay Connect

Video 3: Demonstration of Wireless CarPlay connection.

4.3. Customizing Key Functions

The physical buttons on the unit can be customized to perform various functions. Access the 'Factory Settings' menu,

then 'Panel Keys' to program your desired functions for each button.

▶ **Watch video online**
Customize the single keybutton shortcut function

Video 4: Guide on how to customize the single keybutton shortcut functions.

5. Troubleshooting

This section addresses common issues you might encounter with your car stereo system.

5.1. Backup Camera Not Displaying

If the 1080P AHD Backup Camera image is not displaying, follow these steps:

1. **Check Cable Connections:** Ensure the camera extension cable is correctly connected to the Backup Camera Video Input cable. Do not plug the camera cable into the CVBS cable in the RCA harness.
2. **Reverse Signal Wire:** Locate the third wire in the power harness (counting from the black ground wire) and connect it to the reverse control wire. Use a 'T' splice method for connection.
3. **Extension Cable to Camera:** Ensure the extension cable is securely plugged into the camera.
4. **Power/Ground Wires:** For the power and ground wires on the extension cable, do not connect them to any other wires. Separate and insulate them individually to prevent short circuits.
5. **System Settings:** In the stereo's settings, navigate to 'Reverse' menu, find 'Reversing System Selection' and select 'AUTO'.

▶ **Watch video online**
Troubleshooting method for AHD 1080P back Up Camera

Video 5: Troubleshooting guide for AHD 1080P backup camera display issues.

▶ **Watch video online**
How to install the1080P rearview camera for Pickup Trucks

Video 6: Installation guide for the 1080P rearview camera for pickup trucks.

5.2. Fan Settings

The unit includes a fan for heat dissipation. You can configure its operation:

- **Always On:** The fan runs continuously at a normal speed.
- **Temperature-Controlled:** Set a specific CPU temperature threshold (e.g., 75°C) at which the fan will activate.

▶ **Watch video online**

Video 7: Overview of car radio features, including fan settings for heat dissipation.

6. Specifications

Brand	AINAVITO

Model Number	10 inch-Single Knob-Keybutton
Operating System	Android 13.0
RAM	4GB
ROM	64GB
Display Size	10 inches
Display Type	QLED Touchscreen
Resolution	1280x720
Connectivity	Bluetooth 5.4, 5G Wi-Fi, Wireless/Wire CarPlay, Android Auto, Auxiliary, USB Type-C
Special Features	AM/FM Tuner, Screen Mirroring, Physical Volume Knob/Keybutton, 1080P AHD Backup Camera Support
Audio Output Mode	Stereo (5.1 Surround Sound Channel Configuration)
Item Weight	2.26 Kilograms

7. Warranty and Support

Your AINAVITO Car Stereo comes with a **12-month warranty**. For any technical assistance or troubleshooting, our engineers provide 24/7 support.

To contact support, please visit our store page on Amazon (Sold By ----APEXNAV) and use the "ASK a Question" button. We aim to reply within 24 hours.

Additional protection plans are available for purchase:

- 2-Year Protection Plan
- 3-Year Protection Plan
- Complete Protect (monthly renewal)

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