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## AINAVI 10.33 inch Android 13 Car Stereo Radio for Ford F150 2015-2020

# AINAVI 10.33 inch Android Car Stereo User Manual

Model: 10.33 inch Android 13 Car Stereo Radio for Ford F150 2015-2020

Brand: AINAVI

## 1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your AINAVI 10.33 inch Android 13 Car Stereo Radio. Please read this manual thoroughly before installation and use to ensure proper functionality and safety. This unit is designed to seamlessly integrate with your Ford F150 (2015-2020 models), offering advanced features such as Android Auto, CarPlay, GPS navigation, and enhanced audio capabilities.

## 2. PRODUCT FEATURES

- **Plug and Play Harness:** Customized fit for Ford F150 2015-2020, includes in-dash head unit, wiring harness, and CANbus decoder. Supports steering wheel controls without cable modification.
- **Advanced Connectivity:** Built-in GPS Navigation (online and offline maps), dual-band 2.4Ghz & 5Ghz WiFi for high-speed internet access, and Bluetooth 5.0 for hands-free calls, music streaming, and phonebook download.
- **CarPlay & Android Auto:** Supports wireless and wired CarPlay, and USB connection Android Auto for easy access to navigation, calls, messages, and music via voice commands (“Hey Siri” or “Hey Google”).
- **High Performance:** Runs on Android 13 OS with an 8-Core processor, 4GB RAM, and 64GB ROM for a smooth user experience.
- **Superior Display:** Features a 10.33-inch QLED screen with 1600x720 resolution, G+G full lamination technology, and a 178° full-viewing angle for clear visibility even in daylight.
- **Premium Audio:** Built-in max. output 4\*45W amplifier and DSP with Time Correction & 48-band EQ for customizable sound quality and sound field positioning.

### 3. WHAT'S INCLUDED

The package includes the following components:

- 1 x Android Car Stereo (10.33 inch screen)
- Wiring Harness Power Cable with CANbus Decoder
- Radio Antenna Adapter
- RCA Cable set
- USB Cables (2x)
- GPS Antenna
- 1 x Rear View Camera
- 1 x Microphone
- User Manual
- Frame Removal Tool

Note: The cables included may vary slightly by model. Please refer to the actual cable received.

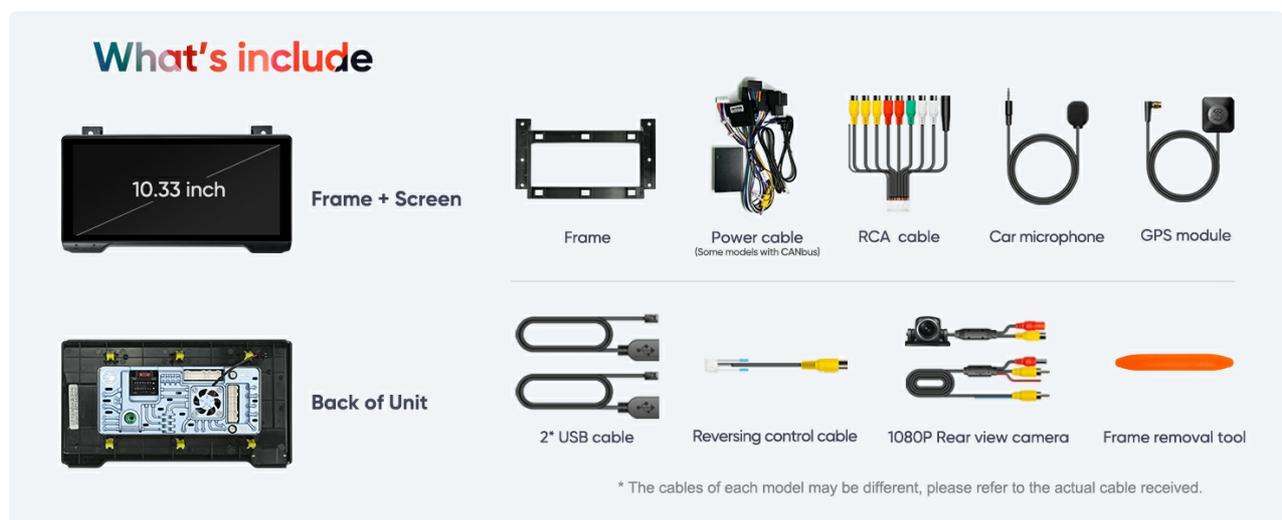


Image: Overview of all components included in the package, such as the main unit, wiring harnesses, cables, and accessories.

### 4. SETUP AND INSTALLATION

This section provides a step-by-step guide for installing your AINAVI car stereo. For a visual guide, please refer to the official installation video below.

Video: Official installation guide for the AINAVI 10.33 inch Android Radio for Ford F150 2015-2021.

#### Installation Steps:

##### 1. Step 1: Remove Center Console Cover

Use a car tool to carefully pry open the center console cover. Then, use a 7mm socket wrench to remove the two screws located beneath the cover.

##### 2. Step 2: Remove Control Panel Screws

Use a 7mm socket wrench to remove the two screws on the control panel. Use the car tool to gently pry open the panel's clips.

##### 3. Step 3: Disconnect Emergency and Hazard Light Plugs

Pull out the original car's emergency light and hazard light plugs. Note: First, press down on the lock on the side of the plug, then gently pull the plug out. Do not pull directly, as this could damage the plug.

#### 4. **Step 4: Remove Air Conditioning Control Panel**

Remove the original car's air conditioning control panel. As shown in the image, press the card and pull it out.

#### 5. **Step 5: Remove OEM Display Screen**

Use a 7mm socket wrench to remove the four screws securing the OEM display screen. Carefully pull out the OEM display screen plug.

#### 6. **Step 6: Remove OEM Main Unit**

Use a 7mm socket wrench to remove the four screws holding the OEM main unit.

#### 7. **Step 7: Install Product Bracket**

Install the product's bracket. Tighten the screws and pay attention to the correct direction of the bracket.

#### 8. **Step 8: Connect Cables**

Connect the OEM rearview camera plug, the power and speaker plug, and the original car USB cable. Ensure all connections are secure.

#### 9. **Step 9: Reinstall Original Parts**

Reinstall the original car air conditioning panel cables and hazard light cables. Secure the screws. Reinstall all original car parts in reverse order of removal.

#### 10. **Step 10: Connect Modification Cables and Install Product**

Connect the modification cables to the new unit and carefully push the product into the bracket until it is securely in place.

### **Important Wiring Notes:**

- **Backup Camera Installation:** If using the aftermarket backup camera, connect the yellow RCA cable. The blue wire from the camera cable should be connected to the brown wire in the power cable.
- **CANBUS Connection:** Connecting the CANBUS port will enable the display of air conditioning information and steering wheel control functions.
- **USB Cables:** The unit includes two USB cables (4-pin and 6-pin). If using the OEM USB cable, you'll need to replace the 4-pin USB cable. Note that for Ford car retrofits, the original car USB plug may only retain the charging function and may not read USB drives. For full functionality, use the USB cables provided with our product for U disk links.
- **Amplifier Compatibility:** Original cars with Bose amplification are not supported for installation.

## **5. OPERATING INSTRUCTIONS**

Your AINAVI car stereo runs on Android 13, providing a familiar and intuitive interface. Below are general operating guidelines:

- **Power On/Off:** The unit powers on automatically with the vehicle ignition. To manually power off, long-press the power button.
- **Touch Screen Navigation:** The QLED touch screen supports multi-touch gestures. Swipe, tap, and pinch to navigate menus and applications.
- **GPS Navigation:** Access pre-installed navigation apps or download new ones from the Google Play Store. Ensure the GPS antenna is properly connected for accurate positioning and time updates.

- **Wireless CarPlay & Android Auto:** Connect your compatible smartphone wirelessly via Bluetooth and Wi-Fi, or via USB for wired connection. Follow the on-screen prompts to initiate the connection.
- **Bluetooth 5.0:** Pair your phone for hands-free calling and audio streaming. Access your phonebook directly from the unit.
- **Wi-Fi Connectivity:** Connect to a mobile hotspot or available Wi-Fi networks for internet access, app downloads, and online content streaming.
- **Audio Settings (DSP):** Utilize the built-in DSP with 48-band EQ and Time Correction to customize your audio experience. Adjust sound profiles, bass, treble, and sound field position to your preference.
- **Steering Wheel Controls:** Once the CANbus is connected, your original steering wheel controls will function with the new unit, allowing you to manage volume, tracks, and calls safely.
- **Split Screen Mode:** Run two applications simultaneously on the screen for enhanced multitasking, such as navigation and music playback.

## 6. MAINTENANCE

To ensure the longevity and optimal performance of your AINAVI car stereo, follow these maintenance guidelines:

- **Screen Cleaning:** Use a soft, lint-free cloth to clean the screen. For stubborn smudges, slightly dampen the cloth with water or a screen-safe cleaner. Avoid abrasive materials or harsh chemicals.
- **Software Updates:** Periodically check for system and application updates to ensure you have the latest features and security patches. Updates can typically be found in the system settings under “About device” or “System updates.”
- **Cable Connections:** Ensure all cables remain securely connected. Loose connections can lead to intermittent functionality or poor performance.
- **Environmental Conditions:** Avoid exposing the unit to extreme temperatures, direct sunlight for prolonged periods, or excessive moisture.
- **Ventilation:** Ensure the unit's ventilation areas are not obstructed to prevent overheating.

## 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 cable connections. Ensure the vehicle's ignition is on. Verify the fuse in the vehicle's fuse box related to the stereo.
- **No Sound:** Check speaker connections. Verify volume levels on the unit and any connected devices. Ensure the amplifier power port is correctly connected if applicable.
- **Touch Screen Unresponsive:** Try restarting the unit. If the issue persists, perform a soft reset (refer to the user manual for specific reset instructions).
- **GPS Signal Issues:** Ensure the GPS antenna is properly installed and has a clear line of sight to the sky. Check antenna connection to the unit.

- **Bluetooth/Wi-Fi Connectivity Problems:** Ensure Bluetooth/Wi-Fi is enabled on both the unit and your device. Try unpairing and re-pairing devices. Restart both devices.
- **Steering Wheel Controls Not Working:** Verify the CANbus decoder is correctly connected and configured in the unit's settings.
- **Backup Camera Display Issues:** Ensure the backup camera cable is securely plugged into the correct port. Check the camera's power supply.
- **OEM Volume/Tuning Knobs Inconsistent:** Some users have reported inconsistent behavior with factory volume and tuning knobs. Ensure all wiring is correct as per the installation guide. If issues persist, contact technical support.
- **Android Auto/CarPlay App Aggressive:** If the Z-Link app (or similar) automatically launches and is difficult to disable, try adjusting its settings within the app or the unit's Android settings. Disconnecting phone Bluetooth/Wi-Fi temporarily may also help.

If these steps do not resolve the issue, please contact AINAVI customer support for further assistance.

## 8. SPECIFICATIONS

Feature	Specification
Item Weight	3.58 pounds
Package Dimensions	13.86 x 9.96 x 5.28 inches
Display Size	10.33 Inches
Operating System	Android 13 (claimed)
RAM	4GB
ROM	64GB
Screen Resolution	1600x720
Connectivity Technology	Bluetooth 5.0, Wi-Fi (2.4Ghz & 5Ghz)
Map Type	Worldwide, North America
Audio Output Mode	Stereo
Mounting Type	Dashboard Mount

## 9. WARRANTY AND SUPPORT

AINAVI provides a one-year product warranty from the date of purchase. We are committed to providing professional technical support to ensure your satisfaction.

### Contact Support:

- **Via Amazon Email:** Please do not hesitate to contact us via Amazon email for any inquiries or technical assistance. We will reply as soon as possible.
- **Customer Service Phone:** +1 (833) 858-5016 (Working hours: 3:00 PM to 12:00 PM PST)

For more information and product updates, visit the official AINAVI store on Amazon:[AINAVI Store](#)