AINAVI L10.25-X5-CIC

AINAVI 10.25 inch Touch Screen for BMW X5 X6 CIC E70 E71 (2011-2013) User Manual

Model: L10.25-X5-CIC

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your AINAVI 10.25 inch Touch Screen. Designed specifically for BMW X5 X6 CIC E70 E71 models from 2011-2013, this system upgrades your original car radio while retaining essential factory features. Please read this manual thoroughly before installation and use to ensure proper functionality and safety.

COMPATIBILITY

This product is exclusively designed for BMW X5 E70 and X6 E71 vehicles manufactured between 2011 and 2013, equipped with the CIC system and a 4-Pin LVDS connector. It is not compatible with CCC systems (10-Pin LVDS) or NBT systems (6-Pin LVDS). Only suitable for Left-Hand Drive (LHD) vehicles.

Image: Guide to identify BMW original system types (CIC, CCC, NBT) by LVDS connector pins.

SETUP AND INSTALLATION

Before beginning installation, ensure the vehicle is turned off and the battery is disconnected to prevent electrical damage. It is recommended to wear protective gloves during the process.

Included Components:

- 10.25" Head Unit
- ISO Wiring Harness Cable
- Audio Extension Cable
- USB Cable
- Installation Instruction (this manual)

Installation Steps:

1. **Remove Air Conditioning Vent Cover:** Carefully pry and remove the decorative cover of the air conditioning vent using a plastic trim removal tool. Disconnect any wiring harnesses from the back of the vent cover.
2. **Access Fixing Screws:** Remove the bottom cover below the air conditioning controls to expose the fixing screws. Unscrew these four screws.
3. **Remove Air Conditioning Control Panel:** After removing the screws, carefully pull out the air conditioning control panel and disconnect its wiring harness from the back.
4. **Remove Main Unit:** Unscrew the fixing screws on both sides of the main unit (CD player). Gently pull out the main unit and disconnect its power cord and the fiber optic audio cable from the back.
5. **Install Main Power Cable:** Connect the main power cable from the new unit to the original car's power cable. Ensure all connections are secure. Route the power cable from the air conditioning compartment through the air vent area up to the top dashboard area.
6. **Install USB Cable:** Route the USB cable from under the passenger seat into the air conditioning compartment and up to the top dashboard area.

7. **Install 4G Antenna:** Attach the 4G antenna to the inside wall of the air vent compartment. Route the cable through the side panel and up to the top dashboard area.

8. **Install GPS Unit:** Attach the GPS unit to the dashboard, routing its cable through the side panel, extending it to the air vent compartment, and then up to the top dashboard area. Loosen the car door seal and use a tool to open the side cover to route the GPS cable.

9. **Optional Speaker Installation:** If the sound from your original front left speaker is not sufficient, connect the optional speaker wires as shown in the video and attach the speaker to the car's interior wall. (Note: This step may be skipped if original sound is satisfactory).

10. **Backup Camera Connection:** If your car has a backup camera, connect its wiring to the provided wiring harness. Ensure to insulate connection points to prevent short circuits.

11. **Connect AUX Cable:** Note that the AUX cable is initially plugged into the main power cable. If you still don't have sound after everything is connected, unplug it and plug it into your car's original AUX port (often located near the USB port in the center console).

12. **Connect Optical Fiber Cable:** Plug the optical fiber cable into the other end of the adapter cable.

13. **Reinstall Main Unit:** Tidy up all cables and reinstall the original car media host, securing it with its screws.

14. **Install Device Mounting Frame:** Take out the device's mounting frame, align it with the screw holes, and route the cables through the center.

15. **Connect Cables to New Screen:** Connect all necessary cables (4G antenna, GPS, power, etc.) to the new navigation screen as shown in the video.

16. **Install New Screen:** After plugging in the cables, align the device's clips with the panel's clips and press down to lock it in place.

17. **Test Functionality:** Start the car and test the knob controls, sound, backup camera, and other functions to ensure they are working properly.

18. **Final Reassembly:** Tighten the screws on the screen's front frame and the original car media host. Connect the original car's air conditioning panel control cable and tighten the four securing screws. Replace the bottom trim panel. Find the hazard warning light wiring harness and the air conditioning sensor line, connect these two plugs, and press the hazard warning light button back in place.

Installation Videos:

How to install Android carplay screen for BMW series vehicle

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Video: A detailed step-by-step guide on how to install the Android CarPlay screen in a BMW vehicle, covering removal of existing components, wiring, and reassembly.

How to Install Wireless CarPlay for BMW X5/X6 Series CIC

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Video: This video demonstrates the installation process specifically for Wireless CarPlay in BMW X5/X6 Series with CIC system.

OPERATING INSTRUCTIONS

Your AINAVI touch screen operates with dual systems, allowing you to retain original car CD system functions while adding new Linux system features. It supports both wireless CarPlay and wired Android Auto for seamless smartphone integration.

Key Features:

- **10.25 Inch QLED Display:** Enjoy a clear and vibrant visual experience with 1280*720 HD resolution.
- **Wireless CarPlay & Wired Android Auto:** Connect your iPhone or Android phone for navigation, calls, messages, and music.
- **Dual System Operation:** Seamlessly switch between the original BMW system and the new Linux system.
- **Original Feature Retention:** Compatible with iDrive Knob control, Bluetooth, Radio, OEM rear camera, Radar, and steering wheel controls. Vehicle information like speed, fuel level, and oil pressure are displayed on the new screen.
- **Built-in DSP:** Features DSP processing chips and 16-band EQ for enhanced sound quality.
- **AHD 720P Backup Camera Support:** Provides clearer backup camera view.

Using CarPlay/Android Auto:

Connect your smartphone via Bluetooth for wireless CarPlay or a USB cable for wired Android Auto. Once connected, you can access compatible apps directly from the touch screen.
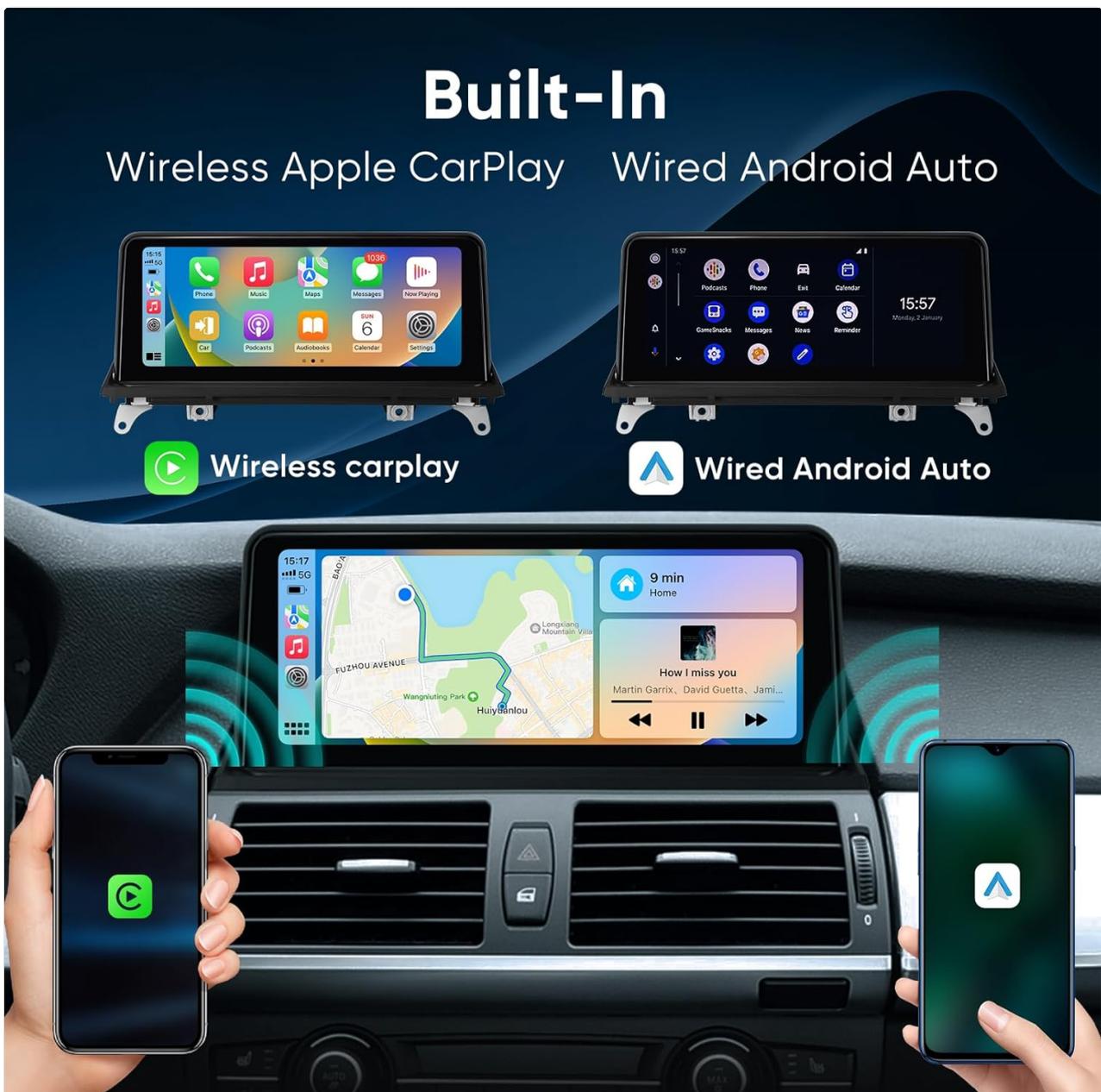

Image: Demonstrates the interface for Wireless Apple CarPlay and Wired Android Auto on the AINAVI screen.

How to use Android touchscreen most functions for BMW radio

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Video: This video provides a guide on how to operate the various functions of the Android touchscreen system for BMW radios.

Carplay Function for XTRONS QLB 14.9 Series

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Video: A demonstration of the CarPlay functionality on a similar XTRONS QLB series unit, showcasing app usage and interface.

MAINTENANCE

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

- **Cleaning:** Use a soft, lint-free cloth slightly dampened with water or a screen cleaner specifically designed for electronics. Avoid harsh chemicals, abrasive materials, or excessive moisture.
- **Temperature:** Avoid exposing the screen to extreme temperatures, both hot and cold, for extended periods.
- **Physical Protection:** Do not apply excessive pressure to the screen. Avoid sharp objects that could scratch or damage the display.
- **Software Updates:** Periodically check for firmware updates to ensure your system has the latest features and bug fixes.

TROUBLESHOOTING

If you encounter issues with your AINAVI touch screen, refer to the following common solutions:

No Sound Issue:

If there is no sound after installation or during operation:

1. Ensure the AUX cable is correctly connected. If the system's AUX cable is initially plugged into the main power cable, try unplugging it and connecting it directly to your car's original AUX port (often located near the USB port in the center console).
2. Check the car's original system settings to ensure the correct audio input (AUX) is selected.
3. Verify that the volume on both the new screen and the original car system is turned up.
4. Confirm that all wiring harnesses, especially the main power cable and fiber optic cable, are securely plugged in and not loose.

How to fix the no sound issue?

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Video: This video provides a step-by-step guide to diagnose and resolve common no-sound issues after installing the car audio system.

Screen Display Issues (e.g., Pink Screen):

If the screen displays incorrectly (e.g., pink screen) when switching to the original system:

- Ensure the LVDS cable is correctly and securely connected to both the new screen and the original car media host.
- Verify that the correct system type (CIC, CCC, NBT) is selected in the new screen's settings, matching your vehicle's original system.

Connectivity Problems (CarPlay/Android Auto):

- For wireless connections, ensure Bluetooth is enabled on your phone and paired with the car system.
- For wired Android Auto, use an original factory USB cable to connect your phone to the system.
- Restart both your phone and the car system.

How to connect the Apple CarPlay

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Video: This video demonstrates the steps to connect your Apple iPhone to the CarPlay system, covering both wireless and wired methods.

SPECIFICATIONS

Feature	Detail
Brand	AINAVI
Model	L10.25-X5-CIC
Screen Size	10.25 Inches
Display Type	QLED, LCD
Resolution	1280*720 HD
Operating System	Linux
Connectivity Technology	Bluetooth, USB, Wireless/Wire Carplay & Android Auto
Special Features	Bluetooth, Linux System Screen, Touchscreen, Wireless CarPlay & Wired Android Auto, Work with BMW Original Sound System
Audio Output Mode	Stereo
Compatible Vehicle Type	for BMW X5 X6 CIC E70 E71 (2011-2013)
Item Weight	0.5 Pounds

WARRANTY INFORMATION

This product comes with a **12 Months Manufacturer Guarantee**. Please retain your proof of purchase for any warranty claims.

CUSTOMER SUPPORT

For any installation or technical support questions, please contact AINAVI customer service:

- **Phone:** +1 (833) 858-5016
- **Working Hours:** 01:00 PM to 00:00 AM PST
- **Email:** info@ainavi.com
- **Online:** Visit the AINAVI store on Amazon and click "Ask a question" to send a message.

When contacting support, please provide pictures or videos of the technical or installation questions you are experiencing for quicker assistance.