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AINAVI L10.25-X5-CCC

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

Model: L10.25-X5-CCC

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your AINAVI 10.25-inch Touch Screen. This unit is specifically designed to upgrade the in-car entertainment system for BMW X5 E70 and X6 E71 models from 2011-2013, equipped with the CIC system (4Pin LVDS). It integrates modern features like Wireless CarPlay and Wired Android Auto while retaining the original vehicle's functionalities.

Key Features:

- 10.25-inch 1920*720 HD QLED display for enhanced visual experience.
- Built-in DSP processing chips and 16-band EQ for superior sound quality.
- Supports AHD 720P backup camera input.
- Integrated Wireless CarPlay and Wired Android Auto for smartphone connectivity.
- Dual system operation: retains original BMW CD system functions and adds Linux system features.
- Retains original iDrive Knob control, Bluetooth, Radio, OEM rear camera, Radar, and steering wheel controls.
- Displays vehicle information such as speed, fuel level, oil pressure, and safety warnings.
- Enhanced Bluetooth for audio streaming, automatic phone book transfer, and hands-free calls.



Image: The AINAVI 10.25-inch touch screen unit, showcasing the Apple CarPlay interface with various application icons.

COMPATIBILITY AND PRE-INSTALLATION CHECK

This unit is exclusively designed for **BMW X5 E70 and X6 E71 models from 2011-2013** that are equipped with the **BMW original CIC system (4Pin LVDS)**. It is not compatible with CCC systems (10Pin LVDS) or NBT systems (6Pin LVDS). This unit is only suitable for Left-Hand Drive (LHD) vehicles.

Before proceeding with installation, it is crucial to verify your vehicle's iDrive system type. Please remove your original screen and check the LVDS port connector.



Image: A visual guide to identifying your BMW iDrive system by checking the LVDS plug. The image displays examples of NBT (6 pins), CIC (4 pins), and CCC (10 pins) connectors.

Ensure your vehicle matches the CIC system with a 4-pin LVDS connector for proper functionality.

SETUP AND INSTALLATION

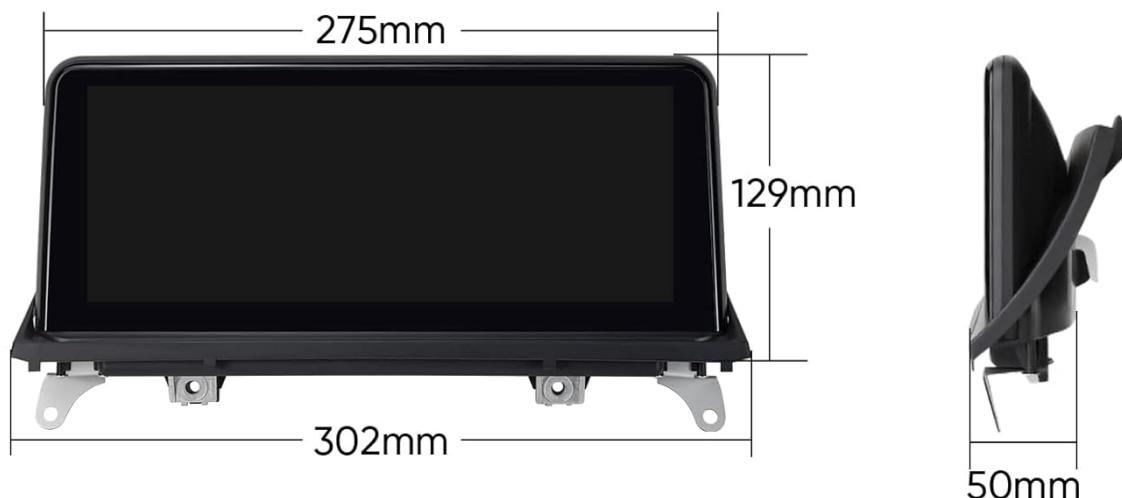
Installation of this unit requires technical knowledge and careful handling. It is recommended that installation be performed by a qualified professional. Refer to the included installation instructions for detailed steps specific to your vehicle model.

Package Contents:

- Linux Head Unit (1x)
- ISO Wiring Harness Cable (1x)
- Audio Extension Cable (1x)

- USB Cable (1x)
- Installation Instruction Manual (1x)

Size



Accessories



1 X ISO Wiring Harness



1 X USB Cable



1 X Audio Cable



1 X Installation Instruction

Image: An overview of the product dimensions and the accessories included in the package, such as the wiring harness, USB cable, audio cable, and installation guide.

General Installation Steps (Consult specific manual for details):

- Preparation:** Disconnect the vehicle's battery. Carefully remove the original head unit and display.
- LVDS Connection:** Connect the new unit's LVDS cable to the vehicle's original LVDS port. Ensure it is the correct 4-pin CIC connector.
- Wiring Harness:** Connect the provided ISO wiring harness to the vehicle's existing wiring and the new head unit. Ensure all connections are secure.
- Accessory Connections:** Connect the USB cable and audio extension cable as needed for external devices or sound integration.
- Mounting:** Securely mount the new 10.25-inch display in the dashboard.
- Testing:** Reconnect the battery and power on the unit to test basic functions before fully reassembling the dashboard.

OPERATING INSTRUCTIONS

System Switching:

The unit operates with dual systems, allowing seamless switching between the original BMW system and the new Linux-based system with CarPlay/Android Auto. This ensures all original vehicle functionalities are retained.



Image: The in-car display illustrating the system switching capability, allowing users to toggle between the original BMW interface and the upgraded system.

Wireless CarPlay and Wired Android Auto:

Connect your smartphone to the head unit via Bluetooth for wireless CarPlay or a USB cable for wired Android Auto. This provides access to navigation, calls, messages, and music directly from your phone's interface on the large display.

Built-In

Wireless Apple CarPlay Wired Android Auto



Image: A visual representation of Wireless CarPlay and Wired Android Auto in operation, showing a smartphone connected to the car's display.

Retained Original BMW System Features:

The unit is designed to seamlessly integrate with and retain the following original BMW features:

- iDrive Knob control
- Original Amplifier System
- Original Car Information Display
- OEM Rear Camera
- Radar System
- Steering Wheel Control Function
- Original CD Player
- Original Radio
- Original Bluetooth

Support Original BMW System



Retains the iDrive system



Retains Amplifier System



Support Original Car Information Display



Support Original Backup Camera



Support Steering Wheel Control Function



Retains Original CD Player



Retains Original Radio



Retains Original Bluetooth

Image: A collage demonstrating the retention of original BMW features such as iDrive control, amplifier system, original display, backup camera, steering wheel controls, CD player, radio, and Bluetooth.

MAINTENANCE

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

- Cleaning:** Use a soft, lint-free cloth to gently wipe the screen. For stubborn smudges, slightly dampen the cloth with water or a screen-safe cleaner. Avoid harsh chemicals or abrasive materials.
- Temperature:** Avoid exposing the unit to extreme temperatures, both hot and cold, for extended periods.
- Physical Damage:** Protect the screen from impacts and sharp objects.
- Software Updates:** Periodically check the manufacturer's website or contact support for any available software updates to improve performance and add new features.

TROUBLESHOOTING

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

- **No Power/Screen Blank:**

- Check all power connections and fuses.
- Ensure the vehicle's battery is properly connected and charged.

- **No Sound:**

- Verify audio cable connections.
- Check volume levels on both the unit and the original car stereo.
- Ensure the correct audio input source is selected.

- **CarPlay/Android Auto Not Connecting:**

- For Wireless CarPlay, ensure Bluetooth is enabled on your phone and paired with the unit.
- For Wired Android Auto, try a different USB cable and ensure your phone's Android Auto app is updated.
- Restart both your phone and the head unit.

- **Original BMW System Features Not Working:**

- Ensure the system switching is correctly configured to access the original system.
- Verify all LVDS and wiring harness connections are secure.

- **Touch Screen Unresponsive:**

- Perform a soft reset of the unit (refer to the specific installation manual for reset procedures).
- Ensure the screen is clean and free of debris.

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

SPECIFICATIONS

Feature	Detail
Display Size	10.25 Inches
Resolution	1920*720 HD QLED
Operating System	Linux
Connectivity Technology	Bluetooth, USB, Wireless/Wired CarPlay & Android Auto
Special Features	Touchscreen, DSP, 16-band EQ, AHD 720P backup camera support, Retains original BMW system
Vehicle Service Type	For BMW X5 X6 CIC E70 E71 (2011-2013)
Mounting Type	Dashboard Mount
Audio Output Mode	Stereo
Item Weight	3.91 pounds
Package Dimensions	13.94 x 9.85 x 5.2 inches

Model Number	L10.25-X5-CCC
Manufacturer	AINAVI

WARRANTY AND SUPPORT

Warranty Information:

The AINAVI 10.25-inch Touch Screen comes with a **12 Months Manufacturer Guarantee** from the date of purchase. Please retain your proof of purchase for warranty claims. The warranty covers defects in materials and workmanship under normal use.

Customer Support:

For installation assistance, technical support, or any questions regarding your product, please contact AINAVI customer support. When contacting support, it is helpful to provide your order details and a clear description of the issue, including any relevant pictures or videos.

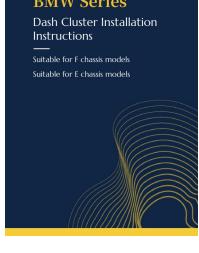
- **Online Support:** You can reach customer support through your order center on the platform where you purchased the product.
- **Hotline:** +1 (833) 858-5016
- **Working Hours:** 01:00 PM to 00:00 AM PST
- **Email:** info@ainavi.com



Image: A guide demonstrating how to access customer support through the online purchase platform by clicking on the seller's name and then "Ask a question."



Image: A customer support representative, accompanied by contact information for AINAVI, including a hotline number and email address.

	<p>Ainavi Universal Installation Guide for Renault Clio 3 Car Radio</p> <p>Step-by-step installation guide for the Ainavi aftermarket car radio system in a Renault Clio 3. Includes wiring instructions, component identification, and dashboard connection details for Wireless CarPlay and Android Auto multimedia players.</p>
	<p>BMW CIC User Manual: Android Auto & Apple CarPlay Integration Guide</p> <p>Comprehensive user manual for integrating Android Auto and Apple CarPlay into BMW CIC systems, covering specifications, installation, features, and troubleshooting for enhanced in-car connectivity.</p>
	<p>ZZ2 DIZPLAY 10.25" Smart Monitor Upgrade for BMW CCC, CIC, NBT: Installation & Features</p> <p>Comprehensive guide to installing the ZZ2 DIZPLAY 10.25-inch touchscreen smart monitor replacement for BMW CCC, CIC, and NBT systems. Learn about CarPlay, Android Auto, camera integration, audio setup, and system settings.</p>
	<p>BMW E70/E71 Wireless Carplay Installation Guide</p> <p>Step-by-step guide for installing a wireless Carplay system in BMW X5 E70 and X6 E71 models, detailing removal of original parts and connection of new components.</p>
	<p>BMW Series Dash Cluster Installation and Settings Guide</p> <p>Comprehensive installation instructions and settings guide for the HUACEMULU Dash Cluster for BMW F and E chassis models. Covers product setup, plug modification, password settings, HUD functions, and model configuration.</p>
	<p>Android Car Stereo for BMW 5 Series X5 E39 E53 M5 (1996-2006) Installation and User Guide</p> <p>Comprehensive guide for installing and using an Android car stereo system designed for BMW 5 Series, X5 E39, E53, and M5 models (1996-2006). Covers installation, wiring, Carplay, Android Auto, and troubleshooting.</p>