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› [XTRONS](#) /

› XTRONS 14.9 Inch Android 14 Car Stereo User Manual for BMW E60 E61 M5 (2005-2008) CCC System

XTRONS 14.9 Inch Android 14

XTRONS 14.9 Inch Android 14 Car Stereo User Manual

Model: 14.9 Inch Android 14 (B0CQLV7PVD) for BMW E60 E61 M5 (2005-2008) CCC System

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your XTRONS 14.9 Inch Android 14 Car Stereo. This unit is specifically designed for BMW 5 Series E60, E61, and M5 models manufactured between 2005 and 2008, equipped with the CCC (Car Communication Computer) system. Please read this manual thoroughly before installation and use to ensure proper functionality and to maximize your experience.

2. PRODUCT OVERVIEW AND KEY FEATURES

The XTRONS 14.9 Inch Android 14 Car Stereo offers a significant upgrade to your vehicle's infotainment system, combining advanced technology with seamless integration.

- **14.9" 2K IPS Screen:** Features a fully-laminated, ultra-slim design with a 2560x720 resolution for vibrant colors and sharp clarity.
- **Android 14 Operating System:** Powered by an Octa-Core processor with 4GB RAM and 64GB ROM for responsive performance and ample storage for applications.
- **Global 4G LTE Connectivity:** Supports Micro-SIM cards for mobile broadband access (data only, not phone calls) with speeds up to 300Mbps.
- **Wireless Car Play & Android Auto:** Seamlessly integrate your iPhone (wireless Bluetooth) or Android phone (wireless Bluetooth or wired USB) for navigation, calls, music, and voice assistants.
- **Retains Original Car Functions:** Integrates with the original iDrive system, fiber optic sound system, radio, CD player, Bluetooth, steering wheel controls, and displays original car information like speed, fuel, and safety warnings.
- **High-Accuracy GPS Navigation:** Supports GPS, BDS, and GLONASS for precise positioning.
- **Dual-Band Wi-Fi:** Supports 2.4GHz and 5GHz Wi-Fi for stable internet connection.
- **Multi-task Display & PIP:** Allows for split-screen functionality and Picture-in-Picture mode.

Applicable Models & Years

For BMW

For BMW 5 Series E60 E61 (2005-2008) | For BMW 5 Series M5 (2005-2008)



Image: Overview of the XTRONS 14.9 Inch Android 14 Car Stereo highlighting its key features including screen size, resolution, processor, memory, and connectivity.

How to check if mu car's original system is NBT, CIC, or NBT EVO?

NBT system

Identical features of NBT: ① a **6-pin** LVDS port. ② a **"MEDIA"** button on the idrive controller or a touch pad idrive controller. NOTE: A "Car ConnectedDrive" interface does not always mean that you have the NBT system.



Image: Demonstrates the full laminated screen, multi-task display, Picture-in-Picture (PIP) functionality, IPS touch screen, and dual USB inputs.

3. COMPATIBILITY

This unit is compatible with specific BMW 5 Series models and systems. Please verify your vehicle's system before installation.

Applicable Models & Years:

- BMW 5 Series E60 E61 (2005-2008)
- BMW 5 Series M5 (2005-2008)

Important: This unit ONLY works with the original 5 Series E60/E61/E62CCC system.

Identifying Your CCC System:

The CCC system typically features:

- Independent slots for CD and DVD.
- A 10-pin LVDS port at the rear of the unit.
- A BMW Car Communication Computer Interface.

NOTE: A "Car Communication Computer" interface does not always mean that you have the CCC system. Always verify the CD/DVD slots and LVDS port.

Important Notes on Compatibility

If your car comes with NO audio AUX input, you need to order a FM transmitter to assist with the installation.

XTRONS CA/ITR/FM02 are compatible
(ASIN: B0841Z1LTV)

Connect the XTRONS unit to your car's AUX input for audio functionality.

Ensure AUX is enabled to enjoy the full audio experience with our head unit.



Image: Illustrates the applicable BMW models and years, a 'before and after' installation view, and visual cues for identifying the CCC system (CD/DVD slots, 10-pin LVDS port, and BMW Car Communication Computer Interface).

Important Notes on Audio Compatibility:

If your car does not have an audio AUX input, you will need an FM transmitter to enable audio functionality. XTRONS CA/ITR/FM02 (ASIN: B0841Z1LTV) is a compatible option. Ensure AUX is enabled in your car's original system settings to enjoy full audio from the head unit.



Image: Shows an FM transmitter and explains its necessity if the vehicle lacks an AUX audio input for the XTRONS unit.

4. SETUP AND INSTALLATION

Professional installation is recommended. Ensure the vehicle's power is disconnected before beginning installation.

4.1. Included Components:

Verify that all components are present in the package:

- 1 x ISO Wiring Harness
- 1 x USB Cable
- 1 x Mini Microphone

- 1 x GPS Antenna
- 1 x 4G Antenna
- 1 x 4G SIM Card Slot
- 1 x Fix Mount
- 3 x Screws
- 1 x Audio Cable
- 1 x Installation Instruction
- 1 x User Manual



Image: Displays the physical dimensions of the head unit and all included accessories, such as wiring harnesses, antennas, cables, and mounting hardware.

4.2. Wiring Harness Diagram:

Refer to the diagram below for proper connection of the wiring harness components.

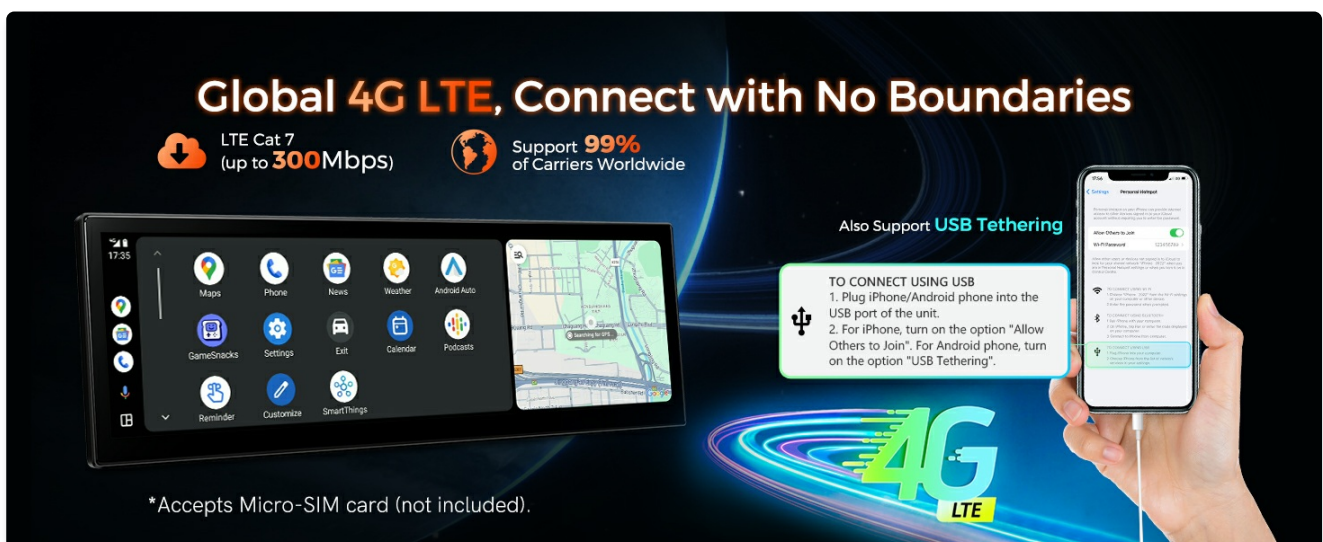


Image: A detailed diagram of the wiring harness, labeling each port and cable for correct installation, including LVDS, ISO, USB, audio, camera, microphone, 4G, and GPS connections.

4.3. General Installation Steps:

1. Carefully remove the original car display and trim panels.
2. Connect the LVDS cable from the new unit to the original car's LVDS port.
3. Connect the XTRONS ISO wiring harness to the original CD player and the new head unit.

4. Install the GPS antenna in a location with a clear view of the sky.
5. Install the 4G antenna (if using 4G connectivity).
6. Connect the USB cables, microphone, and any other peripheral devices.
7. Secure the new head unit using the provided fix mount and screws.
8. Carefully reassemble the trim panels.

Refer to the included 'Installation Instruction' manual for specific vehicle-model details.



Image: A simplified diagram showing the connection points for LVDS, GPS, and XTRONS ISO wiring during installation, with a visual reference to the installation manual.

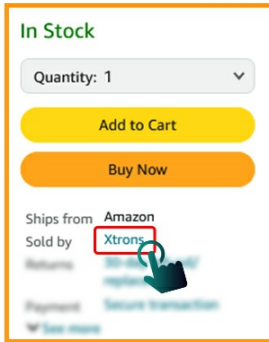
5. OPERATING INSTRUCTIONS

5.1. Basic Operation:

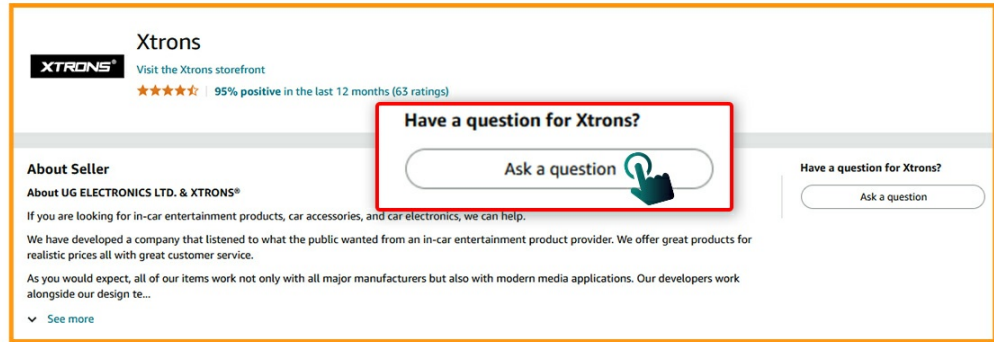
The unit features a responsive 14.9-inch IPS touch screen. Navigate through menus and applications by tapping and swiping. The Android 14 interface is intuitive and customizable.

Have any questions about XTRONS products? Contact us!

STEP 1



STEP 2



Responses may be delayed due to holidays.

Image: Shows the 'Magnificent UI for BMW' with a stylish new dashboard, options for UI customization, and personalized widgets.

5.2. Wireless Car Play and Android Auto:

Connect your smartphone for an integrated driving experience.

- **Wireless Car Play:** Connect your iPhone via Bluetooth for wireless access to navigation, calls, messages, and music.
- **Wireless/Wired Android Auto:** Connect your Android phone via Bluetooth for wireless functionality or use a USB cable for a wired connection. Access GPS, calls, music, and Google Assistant.
- **Voice Control:** Activate Siri or Google Assistant by saying "Hey Siri" or "Hey Google."

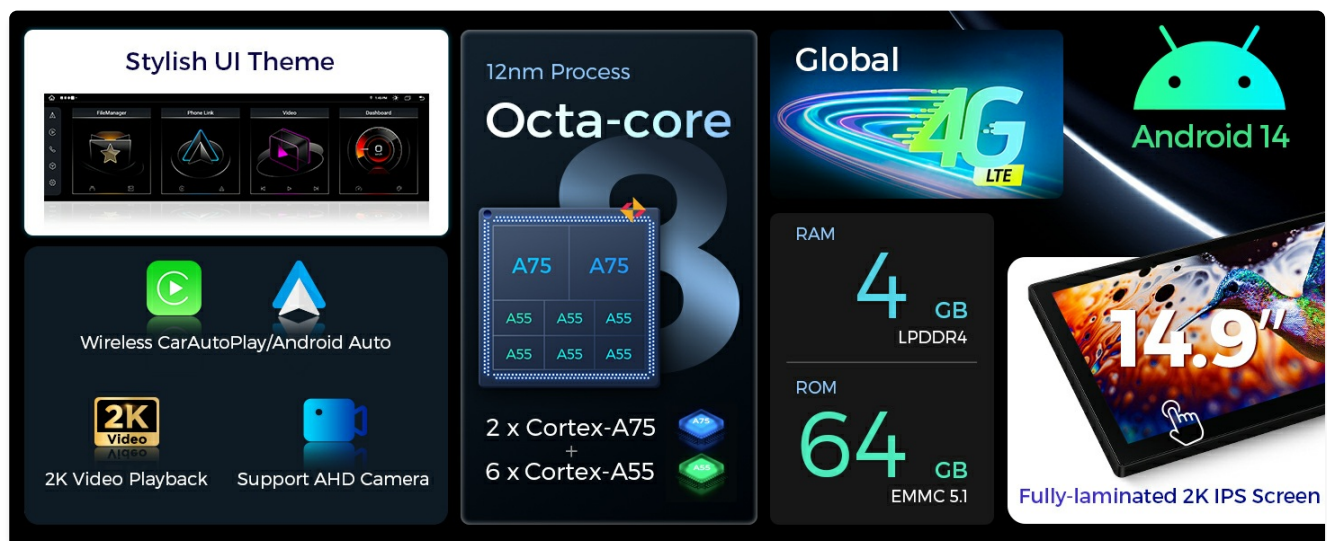


Image: Illustrates the wireless connectivity options for CarAutoPlay (iPhone) and Android Auto (wireless & cable), along with screen mirroring and voice control features.

5.3. GPS Navigation:

The unit supports highly accurate GPS, BDS, and GLONASS navigation systems. You can install and use various navigation applications like iGO Primo, Sygic, Waze, and Google Maps from the Google Play Store.



Image: Shows the highly accurate GPS navigation capabilities, highlighting support for GPS, BDS, GLONASS, and various navigation apps.

5.4. Global 4G LTE and Wi-Fi:

Insert a Micro-SIM card (not included) into the designated slot for 4G mobile broadband access. The unit also supports dual-band Wi-Fi (2.4GHz and 5GHz) for internet connectivity. USB tethering from your smartphone is also supported.

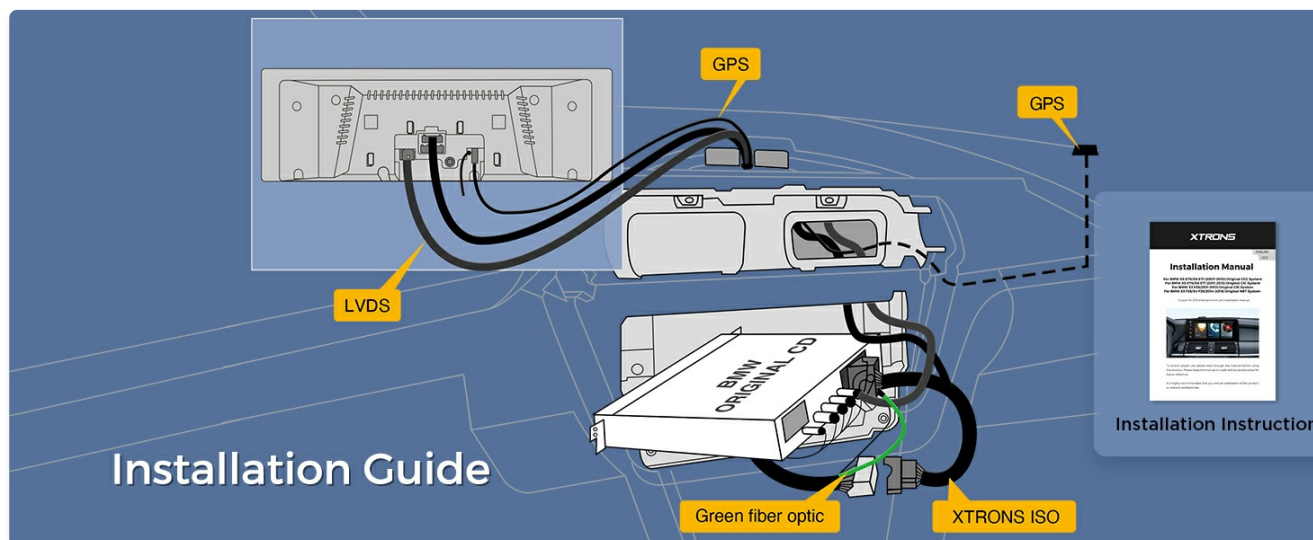


Image: Details the Global 4G LTE connectivity (up to 300Mbps, supports 99% of carriers) and instructions for USB tethering with both iPhone and Android devices.

5.5. Retained Original Functions:

The XTRONS unit is designed to seamlessly integrate with and retain many of your BMW's original features:

- **iDrive System:** Retains original iDrive controller for comprehensive functionality and navigation.
- **Amplifier System:** Retains the original fiber optic sound system.
- **Original Radio & CD Player:** Continues to function as before.
- **Bluetooth:** Original Bluetooth functionality is retained.
- **Steering Wheel Controls:** Maintain control over audio and other functions directly from your steering wheel.
- **Backup Camera Display:** Supports original backup camera display and can integrate with aftermarket AHD cameras (not included).
- **Original Car Information:** Displays OEM car-centric functions like speed, engine speed, fuel level, temperature, parking brake status, and seat belt reminders.

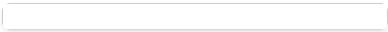
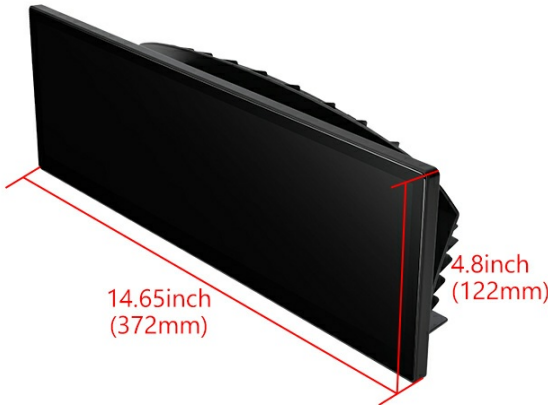


Image: Shows how the XTRONS unit retains original BMW functions including iDrive system, amplifier system, original radio, CD player, Bluetooth, backup camera display, and steering wheel controls.

Size



Accessories


1 x ISO Wiring Harness


1 x USB Cable


1 x Mini Microphone


1 x 4G Antenna


1 x Mini Speaker


1 x GPS Antenna


1 x 4G SIM Card Slot
1 x Audio Cable


3 x Screws
1 x Fix Mount


1 x Installation Instruction
1 x User Manual

Image: Illustrates the 14.9" HD IPS Widescreen with 2560x720 resolution, 2K video playback, multi-task display, and screen mirroring capabilities.

6. SPECIFICATIONS

Feature	Detail
Display Size	14.9 Inches
Resolution	2560x720 (2K IPS)
Operating System	Android 14
Processor	Octa-Core (2 x Cortex-A75 + 6 x Cortex-A55)
RAM	4GB LPDDR4
ROM	64GB EMMC 5.1

Connectivity	Bluetooth 5.0, USB, Wi-Fi (2.4GHz/5GHz), Global 4G LTE (Micro-SIM)
Special Features	Wireless Car Play, Wireless/Wired Android Auto, GPS/BDS/GLONASS Navigation, 2K Video Playback, AHD Camera Support
Control Method	Touch, Voice
Product Dimensions	14.9 x 14.9 x 14.9 inches (372mm x 122mm x 12mm)
Item Weight	5.73 pounds

7. TROUBLESHOOTING

This section addresses common issues you might encounter.

7.1. No Power:

- Check all power connections to ensure they are securely plugged in.
- Verify the vehicle's fuse related to the stereo system.
- Ensure the ACC wire is correctly connected and receiving power when the ignition is on.

7.2. No Audio Output:

- Confirm that the audio cable (if used) is properly connected.
- If your car lacks an AUX input, ensure an FM transmitter is correctly installed and tuned.
- Check the volume levels on both the XTRONS unit and your car's original audio system.
- Verify that the car's original AUX input is enabled in the vehicle's settings.

7.3. GPS Signal Issues:

- Ensure the GPS antenna is installed in a location with an unobstructed view of the sky.
- Check the GPS antenna connection to the unit.
- Try restarting the unit.

7.4. Wireless Car Play/Android Auto Not Connecting:

- Ensure Bluetooth is enabled on both the unit and your smartphone.
- Delete previous pairings and try pairing again.
- For Android Auto, try a different USB cable if using a wired connection.
- Update the Car Play/Android Auto application on your smartphone.

7.5. Unit Freezes or is Unresponsive:

- Perform a soft reset by pressing and holding the power button (if available) or by turning off the car ignition and restarting.
- If the issue persists, contact customer support.

8. MAINTENANCE

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

- **Screen 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.
- **Software Updates:** Periodically check for software updates provided by XTRONS to ensure you have the latest features and bug fixes. Follow the instructions provided with the update carefully.
- **Avoid Extreme Temperatures:** Do not expose the unit to extreme heat or cold for extended periods, as this can affect performance and lifespan.
- **Protect from Liquids:** Keep liquids away from the unit to prevent damage to internal components.
- **Cable Management:** Ensure all cables are properly routed and secured to prevent damage from vibration or snagging.

9. WARRANTY AND SUPPORT

9.1. Manufacturer Warranty:

The XTRONS 14.9 Inch Android 14 Car Stereo comes with a **1-Year Manufacturer Warranty**. Please retain your proof of purchase for warranty claims.

9.2. Customer Support:

For technical assistance, troubleshooting not covered in this manual, or warranty inquiries, please contact XTRONS customer support. You can typically find contact information on the XTRONS official website or through the seller's page where you purchased the product.



Image: Illustrates how to contact Xtrons support via the 'Ask a question' button on the seller's page, providing a visual guide for seeking assistance.