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› User Manual for XTRONS 10.25 Inch Android 13 Car Stereo

XTRONS 10.25 Inch Android 13 Car Stereo (Models W205, X253, W446, W470)

User Manual for XTRONS 10.25 Inch Android 13 Car Stereo

Model: W205, X253, W446, W470 Series

1. PRODUCT OVERVIEW

This manual provides detailed instructions for the installation, operation, and maintenance of your XTRONS 10.25 Inch Android 13 Car Stereo. This advanced in-dash navigation system is designed to enhance your driving experience with its powerful features and seamless integration.

The system features an Octa-core processor, 8GB DDR4 RAM, 128GB Solid State ROM, and a 1920x720 resolution IPS touch screen. It supports Wireless Car Play, Wireless/Wired Android Auto, Global 4G LTE connectivity, and includes a built-in professional DSP.



Figure 1.1: Front view of the XTRONS 10.25 Inch Android 13 Car Stereo, highlighting its key specifications like 10.25-inch display, 1920x720 HD screen, Octa Core processor, 8GB RAM, 128GB ROM, 4G LTE, and 2K video support.

2. APPLICABLE MODELS AND SYSTEM COMPATIBILITY

This XTRONS car stereo is specifically designed for the following Mercedes-Benz models and years:

- Mercedes-Benz C-Class W205 (2015-2018) with NTG5.1 or NTG5.2 System
- Mercedes-Benz GLC-Class X253 (2016-2018) with NTG5.1 or NTG5.2 System
- Mercedes-Benz V-Class W446 (2016-2018) with NTG5.1 or NTG5.2 System
- Mercedes-Benz X-Class W470 (2015-2018) with NTG5.1 or NTG5.2 System

Important Note: This unit ONLY works with the original C-class W205, GLC-class X253, V-class W446 and X-class W470 COMAND APS NTG 5.1 or NTG 5.2 system which has the following features: a 4-pin LVDS port or a New Telematic Generation 5.1/5.2 UI.

If your car comes with an AMI port, you will need to connect the provided AMI cable to the ISO cable's "audio in" port. An AMI cable and extension cable are included in the package.

Applicable Models & Years

For Mercedes-Benz C-Class W205 (2015-2018)

For Mercedes-Benz GLC-Class X253 (2016-2018)

For Mercedes-Benz V-Class W446 (2016-2018)

For Mercedes-Benz X-Class W470 (2015-2018)

For C-Class W205 (2015-2018)



For GLC-Class X253(2016-2018)



For V-Class W446 (2016-2018)



For X-Class W470 (2015-2018)



Compatible System

This unit ONLY works with the original C-class W205, GLC-class X253, V-class W446 and X-class W470 COMAND APS **NTG 5.1 or NTG 5.2** system which has the following features: a 4-pin LVDS port or a New Telematic Generation 5.1/5.2UI.

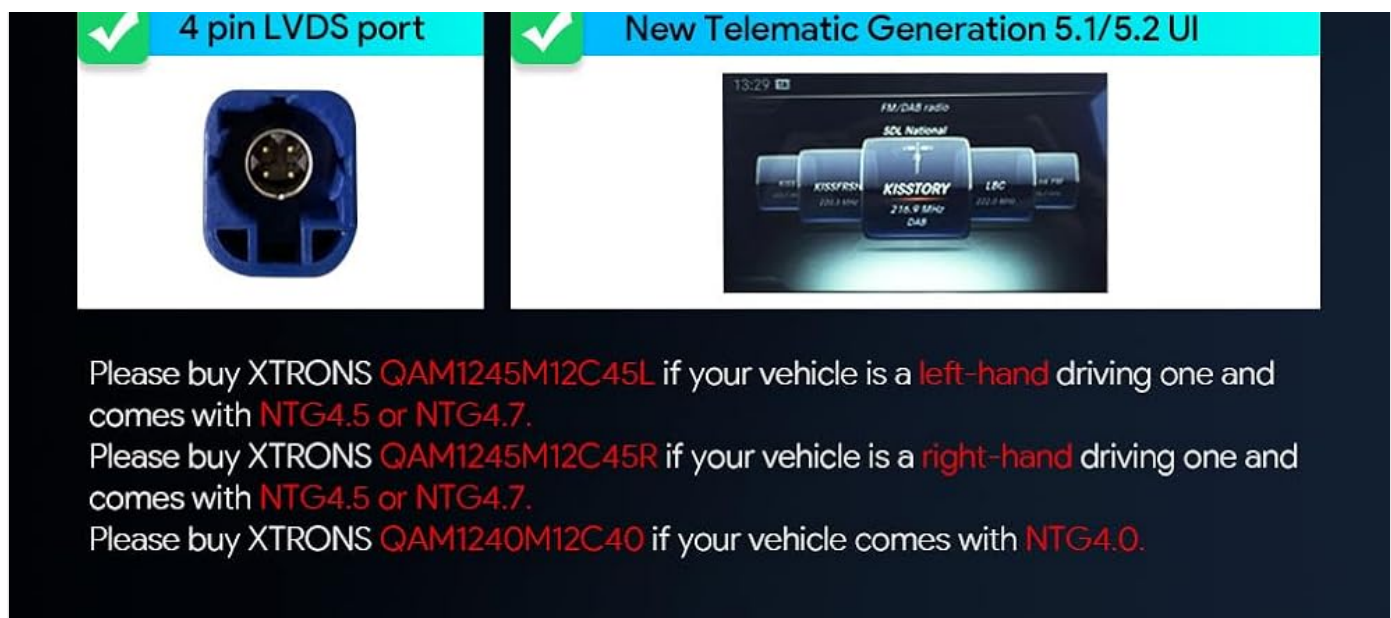


Figure 2.1: Visual guide for compatible Mercedes-Benz models (C-Class W205, GLC-Class X253, V-Class W446, X-Class W470) and their respective dashboard appearances, along with details on required NTG system features like the 4-pin LVDS port and NTG 5.1/5.2 UI.

3. KEY FEATURES

- **Octa Core with Latest Android 13:** Equipped with an Octa-core processor, 8GB DDR4 RAM, and 128GB Solid State ROM for stable and responsive performance.
- **10.25" IPS Touch Screen (1920x720):** High-definition display with a 178° viewing angle for an enhanced visual experience without eye fatigue.
- **Wireless Car Play & Wireless/Wired Android Auto:** Seamlessly integrate your smartphone for navigation, calls, music, and voice commands (Siri/Google Assistant).
- **Amplifier System:** Built-in professional DSP, compatible with Optic Fiber Amplifier.
- **Bluetooth 5.1:** Ensures stable connections and high-quality transmission for hands-free calls and music streaming.
- **Dual Wi-Fi Band Connecting:** Supports 2.4GHz and 5GHz bands for faster and more flexible connectivity.
- **Multi-task Display:** Run two applications simultaneously, such as music and navigation, on the 10.25-inch IPS screen.
- **PIP (Picture-in-Picture):** Allows you to view videos while switching between other applications.
- **Global 4G LTE:** Supports Nano-SIM card for mobile broadband connection with download speeds up to 300Mbps, compatible with 99% of carriers worldwide.



Figure 3.1: Detailed breakdown of the XTRONS car stereo's core features, including its Octa Core processor, memory, storage, display technology, and connectivity options.



Figure 3.2: Illustration of the Wireless CarAutoPlay and Android Auto interfaces, showing how smartphone applications are displayed and accessed on the car stereo screen.

4. INSTALLATION GUIDE

This section provides a general overview of the installation process. For detailed step-by-step instructions, please refer to the dedicated "Installation Instruction" manual included in your package.

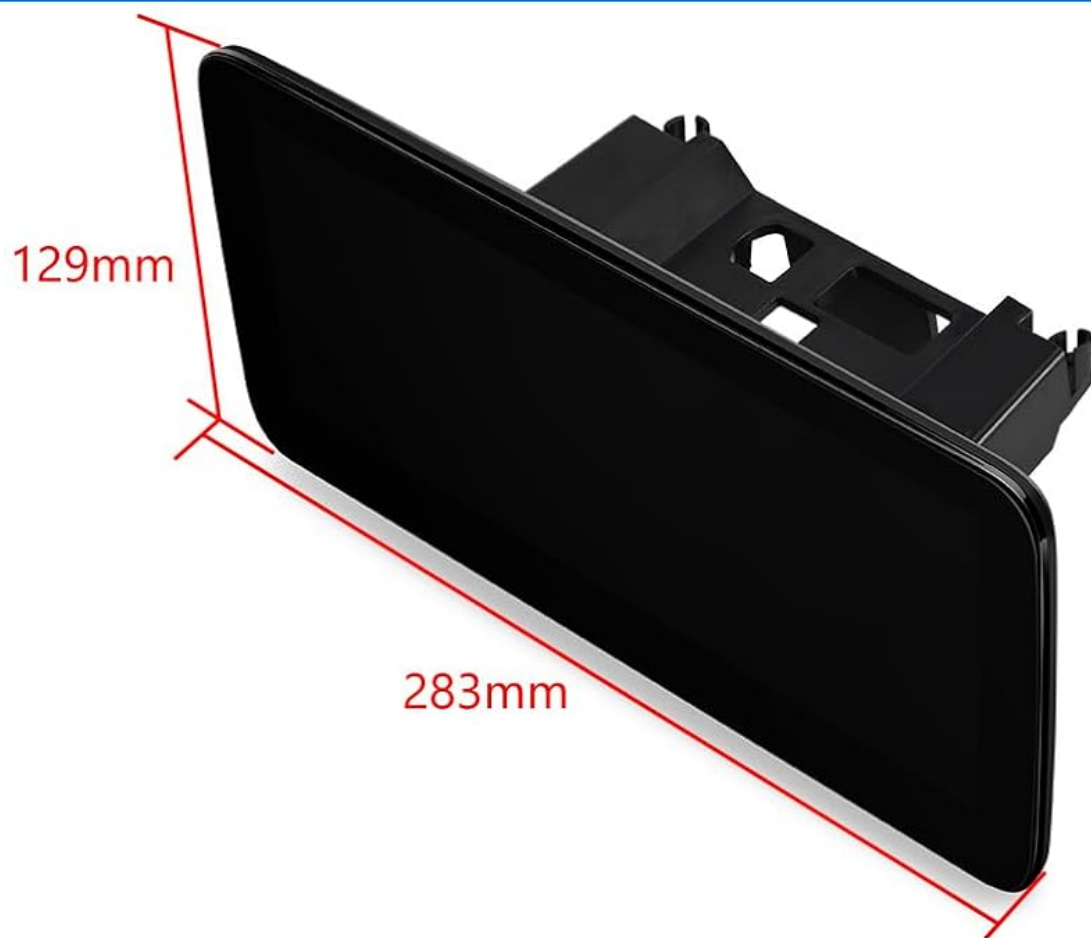
4.1. Package Contents

Before beginning installation, ensure all components are present:

- 1 x ISO Wiring Harness
- 1 x USB Adapter
- 1 x GPS Antenna
- 1 x 4G Antenna
- 1 x USB/LVDS Cable

- 1 x SIM Card Ejector
- 3 x Screws
- 1 x Installation Instruction (Separate Manual)
- 1 x User Manual (This Document)

Size



Accessories



1 x ISO Wiring Harness



1 x USB Adapter



1 x GPS Antenna



1 x 4G Antenna



1 x USB/LVDS Cable



3 x Screws



1 x SIM Card Ejector



1 x Installation Instruction



1 x User Manual

Figure 4.1: All components included in the XTRONS car stereo package, laid out for easy identification.

4.2. Pre-Installation Checks

1. Verify your vehicle's compatibility with the system (refer to Section 2).
2. Disconnect the vehicle's battery before starting any electrical work.
3. Ensure you have all necessary tools for removing the original head unit and installing the new one.

4.3. Basic Wiring Connections

Connect the ISO Wiring Harness to your vehicle's existing wiring. Ensure all connections are secure. The GPS Antenna and 4G Antenna should be mounted in locations with clear line of sight to the sky for optimal signal reception. The USB/LVDS Cable connects the new unit to the vehicle's original system.

For vehicles with an AML port, connect the provided AML cable to the "audio in" port on the ISO cable.

5. OPERATION

5.1. Initial Setup and First Use

1. After installation, reconnect the vehicle's battery.
2. Turn on the vehicle's ignition. The XTRONS unit should power on automatically.
3. Follow the on-screen prompts for initial Android 13 setup, including language selection and Wi-Fi connection.
4. Insert a Nano-SIM card (not included) into the designated slot to enable 4G LTE connectivity. Use the provided SIM Card Ejector if needed.

5.2. Using Wireless Car Play and Android Auto

The unit supports both Wireless Car Play (for iPhone) and Wireless/Wired Android Auto (for Android phones).

- **Wireless Connection:** Enable Bluetooth on your smartphone and pair it with the XTRONS unit. Once paired, select the Car Play or Android Auto icon on the unit's screen to initiate the connection.
- **Wired Android Auto:** Connect your Android phone to the unit via a USB cable. The Android Auto application should launch automatically.

Once connected, you can access compatible apps, navigation, calls, and music directly from the unit's display. Voice commands via Siri or Google Assistant are also supported.

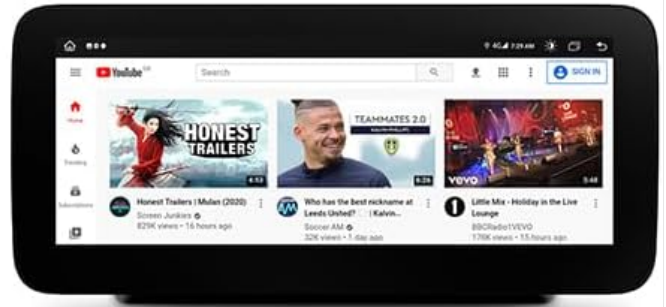
10.25" Capacitive Touch Screen

1920x720 high definition



Built-in 4G Module

Support 99% of carriers worldwide



Dual Band WiFi

Support 2.4Ghz and 5Ghz Wi-Fi band



Built-in CarAutoPlay and Android Auto

Support wireless CarAutoPlay and full-featured Android Auto



Figure 5.1: Visual representation of the 10.25-inch touch screen, 4G module, dual-band Wi-Fi, and the integrated CarAutoPlay/Android Auto features.

5.3. Navigation and Multimedia

Utilize the built-in GPS for navigation. You can download preferred navigation apps from the Google Play Store. The unit supports various multimedia formats for audio and video playback. The 1920x720 IPS screen is optimized for viewing 2K video content.

The Multi-task Display feature allows you to run two applications simultaneously, for example, navigation on one side and music playback on the other.

Global 4G LTE Connectivity Without Boundaries



Independent
4G Network



Easy 4G
Sharing



*You need to insert a data Nano-SIM card (not included) to use the 4G network and sharing.

Figure 5.2: The XTRONS unit displaying a video streaming application, demonstrating its 4G LTE connectivity and multimedia capabilities.

6. MAINTENANCE AND CARE

- **Screen Cleaning:** Use a soft, lint-free cloth to clean the touch 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 software updates via the unit's settings menu to ensure optimal performance and access to new features.
- **Temperature:** Avoid exposing the unit to extreme temperatures for prolonged periods.
- **Connectivity:** Ensure all cables are securely connected to prevent intermittent issues.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Unit does not power on.	Loose power connection; Vehicle battery disconnected or low.	Check ISO wiring harness connections. Ensure vehicle battery is connected and charged.
No audio output.	Incorrect wiring; Volume too low; AMI cable not connected (if applicable).	Verify all audio wiring. Increase volume. If your car has an AMI port, ensure the AMI cable is correctly connected to the ISO cable's "audio in" port.
GPS signal weak or lost.	GPS antenna improperly placed or disconnected.	Ensure GPS antenna is mounted in a location with a clear view of the sky and is securely connected.
4G LTE not working.	No SIM card; Incorrect SIM card insertion; Poor 4G signal.	Insert a valid Nano-SIM card correctly. Check 4G antenna connection. Move to an area with better network coverage.
Car Play/Android Auto not connecting.	Bluetooth not enabled; Incorrect pairing; USB cable issue (for wired Android Auto).	Ensure Bluetooth is on and paired. For wired Android Auto, try a different USB cable. Restart both phone and unit.

8. SPECIFICATIONS

Feature	Specification
Operating System	Android 13
Processor	Octa Core (2x Cortex A75 2.0GHz, 6x Cortex A55 1.7GHz)
RAM	8GB DDR4
ROM	128GB Solid State
Display Size	10.25 Inches
Resolution	1920x720 IPS HD
Viewing Angle	178°
Connectivity	Bluetooth 5.1, Dual-Band Wi-Fi (2.4GHz/5GHz), Global 4G LTE, USB
Special Features	Wireless Car Play, Wireless/Wired Android Auto, Built-in DSP, Multi-task Display, PIP
Audio Output Mode	Stereo
Vehicle Service Type	Car

Specially Designed for Mercedes-Benz

Perfect Integration of Android and your Original



Figure 8.1: Physical dimensions of the XTRONS 10.25 inch car stereo unit.

9. WARRANTY AND SUPPORT

Warranty: The XTRONS 10.25 Inch Android 13 Car Stereo comes with a 1-YEAR WARRANTY from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use. Please retain your proof of purchase for warranty claims.

Customer Support: For technical assistance, troubleshooting beyond this manual, or warranty inquiries, please contact XTRONS customer support. Refer to the contact information provided on the XTRONS official website or the packaging.

You can visit the official XTRONS store for more information and support: [XTRONS Store on Amazon](#).

