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> XTRONS 12.3 Inch IPS Car Touch Screen for Mercedes Benz C Class W204 2011-2014 NTG 4.5/4.7, Android 12 Car Stereo Qualcomm Octa Core 8GB+128GB GPS Navigation for Car, Built-in Car Play Android Auto

XTRONS NTG 4.5/4.7

XTRONS 12.3 Inch IPS Car Touch Screen User Manual

Model: NTG 4.5/4.7

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your XTRONS 12.3 Inch IPS Car Touch Screen. Please read this manual thoroughly before using the product to ensure proper functionality and to prevent damage.

The XTRONS 12.3 Inch IPS Car Touch Screen is designed to integrate seamlessly with Mercedes Benz C-Class W204 (2011-2014) vehicles equipped with the NTG 4.5/4.7 system. It features an Android 12 operating system, Qualcomm Octa Core processor, and built-in Car Play and Android Auto for an enhanced in-car entertainment and navigation experience.

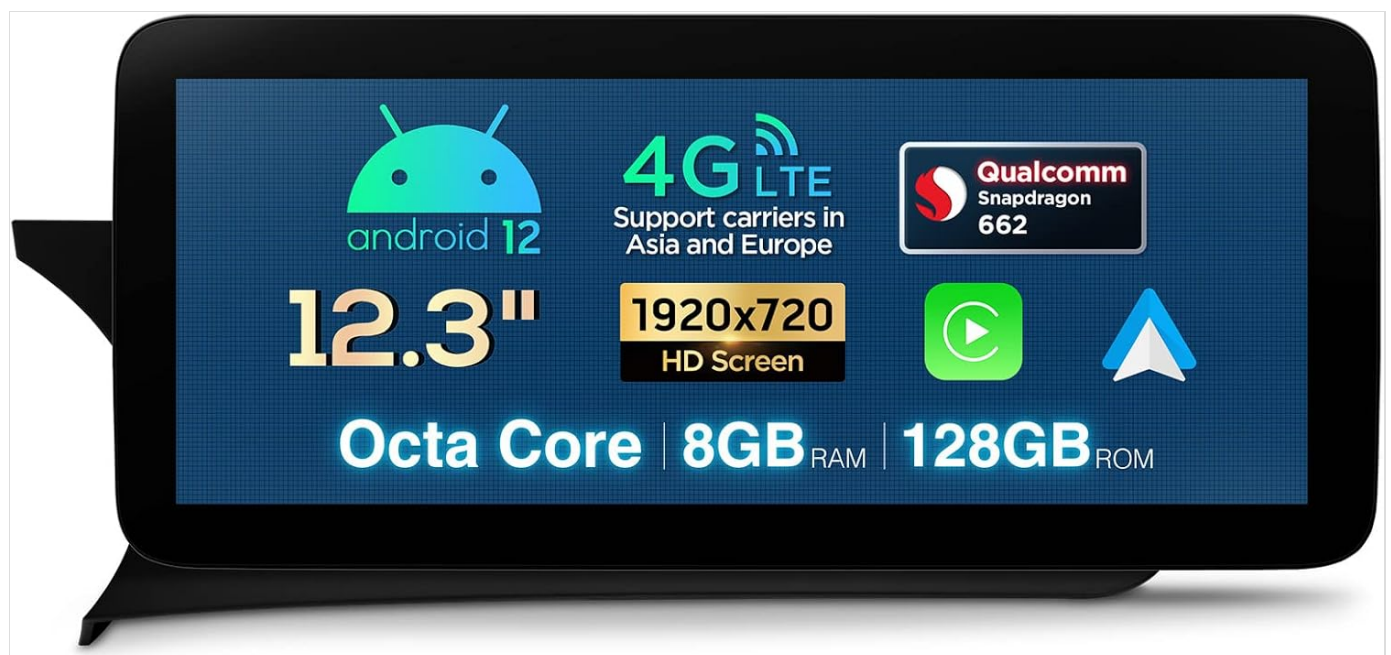


Image: Overview of the XTRONS 12.3 Inch IPS Car Touch Screen highlighting its key specifications and features.

APPLICABLE MODELS AND SYSTEM COMPATIBILITY

This unit is specifically designed for:

- **Mercedes Benz C-Class W204 (2011-2014)**

This unit is **ONLY** compatible with COMAND APS NTG4.5 and 4.7 systems that feature a 4-pin LVDS port and a New Telematic Generation 4.5/4.7 UI.

Applicable Models

For Mercedes-Benz C-Class W204 (2011-2014) NTG 4.5/4.7 System - **Left Driving Vehicles**

For Mercedes-Benz C-Class W204 (2011-2014)



Compatible System

This unit **ONLY** works with the original C-Class W204 **COMAND APS NTG 4.5 and 4.7** system which has the following features: a 4-pin LVDS port or a New Telematic Generation 4.5/4.7 UI.



4 pin LVDS port



New Telematic Generation 4.5/4.7



Please buy XTRONS **QXM2245PM12C45R**, if your vehicle is a right-hand driving one and comes with NTG4.5 or NTG 4.7.

Please buy XTRONS **QXM2240M12C40**, if your vehicle comes with NTG4.0.

Important Notes:

If your car comes with AMI port, you need connect AMI cable to ISO cable "audio in" port. (**AMI cable and extension cable provided in the package.**)



AMI / MMI / MI

Image: Visual guide for identifying compatible Mercedes-Benz C-Class W204 models and the required NTG 4.5/4.7 system features, including the 4-pin LVDS port and UI.

Important Notes:

- If your car comes with an AMI port, you must connect the provided AMI cable to the ISO cable's "audio in" port.
- The 4G function is not operational in the Americas (US, Canada, etc.), despite the presence of a SIM slot.

KEY FEATURES

- **Latest Android 12 with Qualcomm Snapdragon 662:** Equipped with an Octa-core processor, 8GB LPDDR4 RAM, 128GB Solid State ROM, and Adreno 610 GPU for responsive performance.
- **12.3-inch 1920x720 HD IPS Touch Screen:** Provides a supersized entertainment experience with a wide 178° viewing angle and dual-layer G+G technology for precise multi-touch interaction.
- **Wireless Car Play & Wireless/Wired Android Auto:** Seamlessly integrates with your smartphone for access to navigation, calls, music, and voice commands (Siri/Google Assistant).
- **Amplifier System Compatibility:** Compatible with Optic Fiber Amplifiers.
- **Qualcomm Bluetooth 5.1:** Ensures stable connections and high-quality transmission for hands-free calls and music streaming.
- **Dual Wi-Fi Band Connectivity:** Supports both 2.4GHz and 5GHz bands for faster and more flexible network connections.

Touch and Go



1920x720 HD Resolution



IPS Technology

VS



Other Screen



XTRONS IPS Screen

Image: Demonstration of the responsive touch screen and the visual benefits of the IPS panel with 1920x720 HD resolution.

7 Impressively Beautiful UI Themes



Note: An internet connection is required for the Weather app to display real-time weather information.

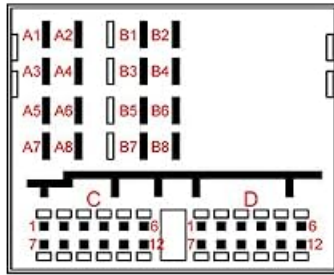
SETUP AND INSTALLATION

The package includes a user manual and an installation instruction guide. Please refer to these documents for detailed step-by-step installation procedures. Professional installation is recommended.

Included Accessories for Installation:

- 1 × ISO Wiring Harness
- 1 × AMI Cable
- 1 × Audio Cable
- 1 × USB Cable
- 1 × GPS Antenna
- 1 × 4G Antenna
- 1 × Mini Speaker
- 3 × Screws
- 1 × Installation Frame





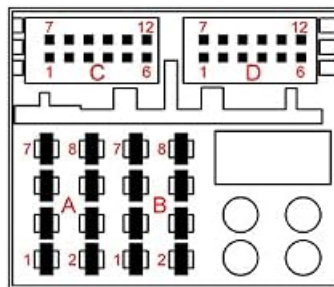
A1: Rear Left Speaker+
A2: Rear Left Speaker-
A3: Front Left Speaker+
A4: Front Left Speaker-
A5: Front Right Speaker+
A6: Front Right Speaker-
A7: Rear Right Speaker+
A8: Rear Right Speaker-

B1: CAN1-L
B2: Original Car Data
B3: Original Car Data
B4: Original Car Data
B5: CAN1-H
B6: B+
B7: GND
B8: Original Car Data

C1-C12: Original Car Data

D1: Original Car Data
D2: Audio Input Right
D3: Original Car Data
D4: Original Car Data
D5: Original Car Data
D6: Original Car Data

D7: Audio Input Left
D8: Audio GND
D9: Original Car Data
D10: Original Car Data
D11: Original Car Data
D12: Original Car Data



A1: Rear Left Speaker+
A2: Rear Left Speaker-
A3: Front Left Speaker+
A4: Front Left Speaker-
A5: Front Right Speaker+
A6: Front Right Speaker-
A7: Rear Right Speaker+
A8: Rear Right Speaker-

B1: CAN1-L
B2: Linked with B2
B3: Linked with B3
B4: Linked with B4
B5: CAN1-H
B6: B+
B7: GND
B8: Linked with B8

C1-C12: Original Car Data

D1: Original Car Data
D2: Audio Input Right
D3: Original Car Data
D4: Original Car Data
D5: Original Car Data
D6: Original Car Data

D7: Audio Input Left
D8: Audio GND
D9: Original Car Data
D10: Original Car Data
D11: Original Car Data
D12: Original Car Data

Image: Comprehensive diagram of the unit's connections and the ISO wiring harness pinout for proper installation.

Size



Accessories



1 x ISO Wiring Harness



1 x AMI Cable



1 x Audio Cable



1 x USB Cable



1 x GPS Antenna



1 x 4G Antenna



1 x Mini Speaker



3 x Screws



1 x Installation Frame



1 x User Manual



1 x Installation Instruction

Image: A visual inventory of all accessories provided with the XTRONS unit.

OPERATING INSTRUCTIONS

Once installed, the XTRONS unit integrates with your vehicle's existing systems while providing access to its Android 12 features.

Retained Original Functions:

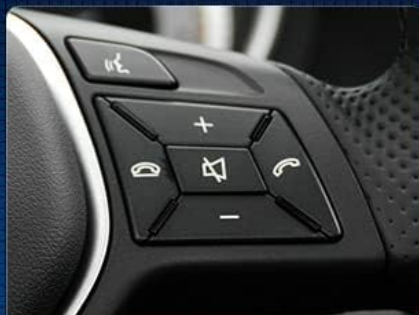
The unit retains access to several original vehicle features, including:

- Factory COMAND knob
- Touch mouse
- Original radio and CD player
- Car information display
- Bluetooth
- Steering wheel controls (SWC)
- Parking camera

Keep Your Favourite: Original Functions Retained



• COMAND Controller Retained



• Support SWC



• Support Original Camera



• Support Original CD Player



• Compatible with Optic Fiber Amplifier

Image: Visual confirmation of retained original vehicle functions after XTRONS unit installation.

User Interface (UI) Themes:

The unit offers 7 distinct UI themes, including 6 original Mercedes styles and one exclusive XTRONS UI, allowing for personalization of the display.



Image: Examples of the 7 impressive UI themes and the integrated weather application.

SPECIFICATIONS

- **Brand:** XTRONS
- **Model Number:** NTG 4.5/4.7
- **Screen Size:** 12.3 Inches

- **Display Type:** LCD (IPS Panel)
- **Resolution:** 1920x720 HD
- **Viewing Angle:** 178°
- **Processor:** Qualcomm Snapdragon 662 (Octa-core, up to 2.0GHz, 11nm Process)
- **GPU:** Adreno 610
- **CPU:** Kryo 260
- **RAM:** 8GB LPDDR4
- **ROM:** 128GB SSD
- **Operating System:** Android 12
- **Connectivity Technology:** Bluetooth 5.1, USB, Wi-Fi (Dual Band 2.4GHz/5GHz)
- **Compatible Devices:** Smartphone, Speaker

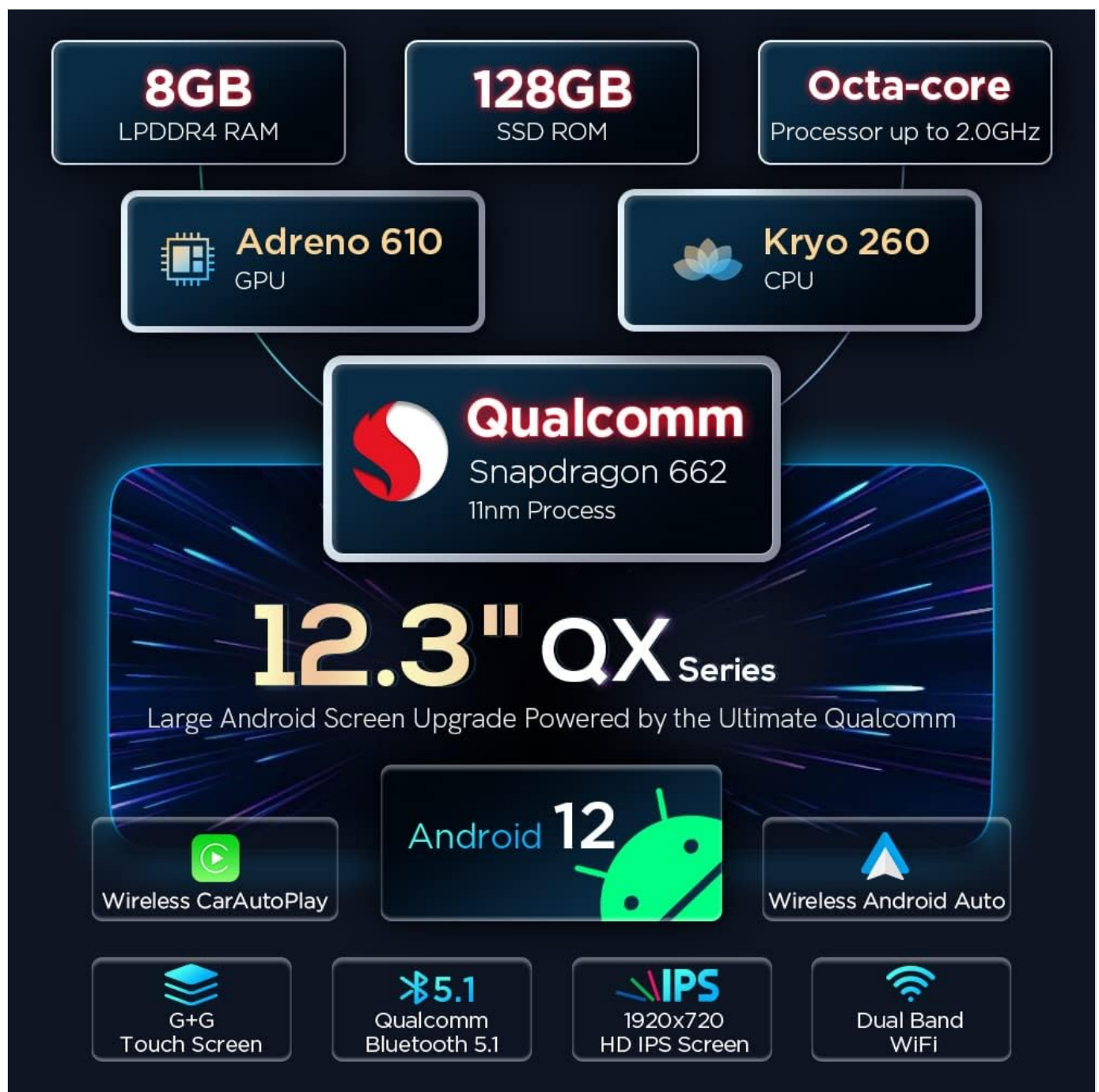


Image: Detailed breakdown of the XTRONS unit's core hardware and software specifications.

OPTIONAL ACCESSORIES

Enhance your XTRONS experience with these optional accessories:

- **4G Dongle (USA only):** For 4G connectivity where supported. Search ASIN: [B0BKL32HYF](#)
- **OBD Function:** For on-board diagnostics. Search ASIN: [B08HQ9LQ9X](#)
- **TPMS Function:** For Tire Pressure Monitoring System. Search ASIN: [B07WQFKV5G](#)
- **External DVR:** For dash camera recording. Search ASIN: [B08MF1ZRJ3](#)
- **Front / Reversing Camera:** For enhanced visibility. Search ASINs: [B07HMLYLJJ](#) / [B00GY3BVT6](#)

TROUBLESHOOTING

If you encounter any issues with your XTRONS unit, please refer to the dedicated troubleshooting section in the comprehensive user manual provided in the package. For complex issues or technical support, please contact XTRONS customer service.

WARRANTY AND SUPPORT

XTRONS products are designed for quality and reliability. For information regarding product warranty, please refer to the warranty card included with your purchase or visit the official XTRONS website. For customer support, technical assistance, or inquiries, please visit the [XTRONS Store on Amazon](#) or contact their customer service directly.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question