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## XTRONS Android 12

# XTRONS Car Stereo User Manual

Model: Android 12 (B0B97JBV24) for Porsche Cayenne

Brand: XTRONS

## 1. APPLICABLE MODELS & YEARS

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This XTRONS Car Stereo is designed for the following Porsche Cayenne models and years:

- Porsche Cayenne (2003-2010)
- Porsche Cayenne S (2003-2010)
- Porsche Cayenne GTS (2003-2010)
- Porsche Cayenne Turbo (2003-2010)
- Porsche Cayenne Turbo S (2003-2010)
- Porsche Cayenne Diesel (2003-2010)

# Applicable Models & Years

## For Porsche

For Porsche Cayenne (2003-2010), Cayenne S (2003-2010), Cayenne GTS (2003-2010), Cayenne Turbo (2003-2010), Cayenne Turbo S (2003-2010), Cayenne Diesel (2003-2010)



## Important Notes on Compatibility

If your car comes with the original reversing camera, you need to buy an adapter cable to make it work after upgrading the car stereo.

(ICE/ACS/FZMRM01 is compatible.)



ICE/ACS/FZMRM01

Image: Comparison of the Porsche Cayenne dashboard before and after installing the XTRONS car stereo, showing seamless integration.

### Important Compatibility Note:

If your car comes with the original reversing camera, you may need to purchase an adapter cable (e.g., ICE/ACS/FZM RM01) to ensure it functions correctly after upgrading to this stereo unit.

## 2. KEY FEATURES

- **Android 12 Qualcomm Snapdragon 665:** Octa-core processor with 8GB LPDDR4 RAM and 256GB Solid State ROM for responsive performance and ample storage.
- **9-inch IPS Touch Screen:** High-definition 1280x720 resolution with a 178° viewing angle for clear and vibrant

visuals.

- **Built-in AKM DSP:** Enhances audio experience with advanced sound processing.
- **Automotive Grade Hardware:** Features 100% aluminum heat dissipation and a built-in cooling fan for high performance and durability.
- **Wireless Car Play & Android Auto:** Compatible with iPhone (iOS 8+) and Android phones (Android 4.3+) for seamless smartphone integration, including navigation, calls, and music.
- **Optimized CANbus Decoding:** Ensures perfect fitting for Porsche, displaying car information like AUX status, GPS status, and door status.
- **Dual Band Wi-Fi:** Supports 2.4GHz and 5GHz bands for faster and more stable internet connectivity.
- **GPS Navigation:** Supports popular Android navigation software such as Google Maps, Sygic, and Waze.
- **XTRONS Exclusive UI:** Optimized user interface with intuitive icons for safe driving.
- **Built-in HDMI Port:** Allows transmission of high-fidelity content to external monitors for passenger entertainment.
- **Integrated 4G LTE Solution:** (Note: 4G function DOES NOT work in the Americas area - US, Canada, etc.) Supports Asia and Europe for internet access via SIM card.

**256 GB**  
SSD ROM

**8 GB**  
LPDDR4 RAM

**Octa core**  
Up to 2.0GHz

AI Engine

HD Output

Coaxial/  
Optical/  
RCA Audio Output

Adreno 610  
GPU

Screen  
Mirroring

Android 12  
64bit OS

2.4GHz / 5GHz  
Band WiFi

IPS  
Display

Qualcomm  
Snapdragon 665  
AI

Wireless  
CarAutoPlay

Wireless  
Android Auto

4K  
UHD  
4K Video

DSP  
AKM DSP

**IQ**

The New Benchmark of Ultimate Flagship

Image: Overview of the XTRONS Car Stereo's core specifications and features.

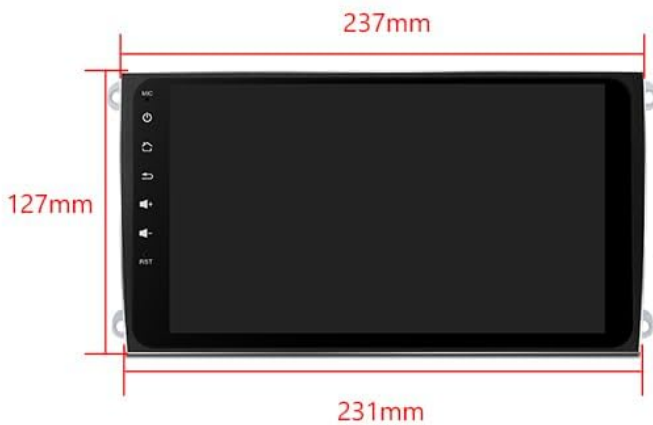
### 3. PACKAGE CONTENTS

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The following items are included in your XTRONS Car Stereo package:

- 2 × ISO Wiring Harness
- 1 × RCA Cable
- 2 × USB Cable
- 1 × GPS Antenna
- 1 × Camera Cable
- 1 × Radio Antenna Adapter
- 1 × 4G+ Antenna
- 1 × 4G- Antenna
- 1 × CANbus Box
- 1 × Radio Antenna Cable
- 1 × Optical Fiber Decoder
- 2 × User Manual (English/German)

## Size



## Accessories



2 x ISO Wiring Harness



1 x RCA Cables



2 x USB Cable



1 x GPS Antenna



1 x Camera Cable



1 x CANbus Cable



1 x 4G+ Antenna



1 x 4G- Antenna



1 x CANbus Box



1 x Radio Antenna Cable



1 x Optical Fiber Decoder



2 x User Manual  
(English/German)

Image: All included accessories for the XTRONS Car Stereo.

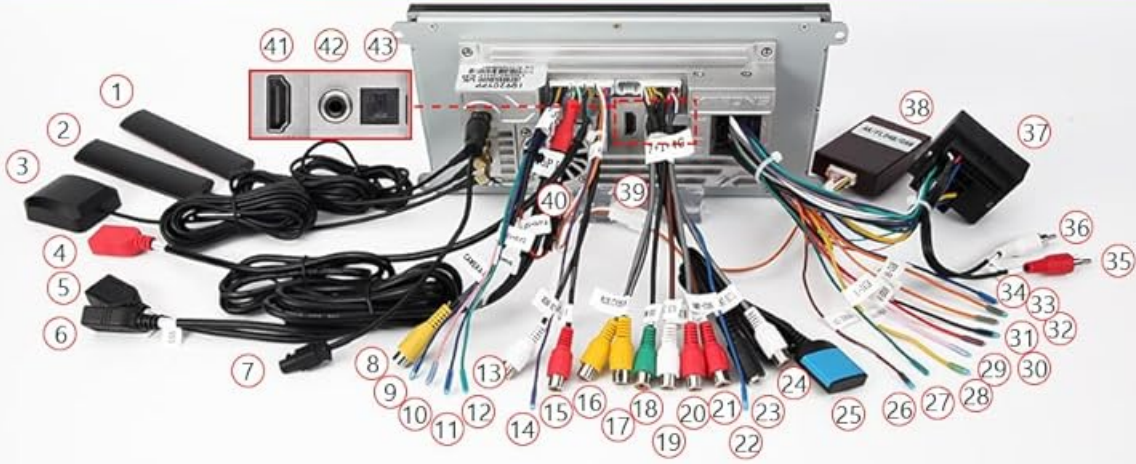
## 4. SETUP & INSTALLATION

### 4.1 Wiring Diagram

Refer to the detailed wiring diagram below for proper connection of the car stereo to your vehicle's electrical system. Ensure all connections are secure before powering on the unit.

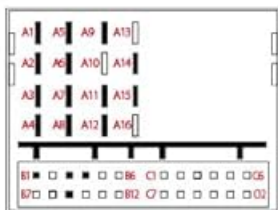
Wiring Diagram

## Wiring Diagram



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|---|--|
| <ol style="list-style-type: none"> <li>1. 4G Antenna</li> <li>2. 4G Antenna</li> <li>3. GPS Antenna</li> <li>4. USB Port1</li> <li>5. USB Port2</li> <li>6. USB Port3</li> <li>7. Radio Antenna Port</li> <li>8. Camera-IN, Rear Camera Video Input</li> <li>9. Bluetooth Antenna</li> <li>10. CAMERA 12V+, Camera Power Cable 12v</li> <li>11. Wi-fi Antenna</li> <li>12. BRAKE, Brake-in Cable</li> <li>13. REAR OUT L, Rear Left Audio Output</li> <li>14. F CCD+12V, Not Available</li> <li>15. REAR OUT R, Rear Right Audio Output</li> <li>16. AUX CVBS IN, Video Input</li> <li>17. F CAM IN, Front Camera Input</li> <li>18. SUB OUT, Subwoofer Output</li> <li>19. AUX IN L, Audio Input Left</li> <li>20. FRONT OUT R, Front Right Audio Output</li> <li>21. AUX IN R, Audio Input Right</li> <li>22. AMP-CON, Amplifier Control Cable</li> </ol> | <ol style="list-style-type: none"> <li>23. MIC, External Microphone Port</li> <li>24. FRONT OUT L, Front Left Audio Output</li> <li>25. 4G SIM Card Slot</li> <li>26. BRAKE-IN, Brake-in Cable</li> <li>27. KEY1-5V, Steering Wheel Control Key1</li> <li>28. B+ Battery</li> <li>29. REVERSE-IN, Reverse Control Cable</li> <li>30. ACC</li> <li>31. GND</li> <li>32. KEY2-5V, Steering Wheel Control Key2</li> <li>33. ILLUMI, Illumination Cable</li> <li>34. ANT, Automatic Antenna Control</li> <li>35. AUX IN R, Audio Input Right</li> <li>36. AUX IN L, Audio Input Left</li> <li>37. ISO Wiring Harness</li> <li>38. CANbus Box</li> <li>39. RX/TX Port</li> <li>40. Cooling Fan Power Port</li> <li>41. HDMI Output</li> <li>42. Coaxial Audio Output</li> <li>43. Optical Audio Output</li> </ol> |
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## ISO Wiring Harness



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|--|--|
| <ol style="list-style-type: none"> <li>A1: Rear Right Speaker+</li> <li>A2: Front Right Speaker+</li> <li>A3: Front Left Speaker+</li> <li>A4: Rear Left Speaker+</li> <li>A5: Rear Right Speaker-</li> <li>A6: Front Right Speaker-</li> <li>A7: Front Left Speaker-</li> </ol> | <ol style="list-style-type: none"> <li>A8: Rear Left Speaker-</li> <li>A9: CANbus-</li> <li>A11: CANbus+</li> <li>A12: GND</li> <li>A14: ANT</li> <li>A15: B+</li> </ol> |
|--|--|
- 
- |   |
|---|
| <ol style="list-style-type: none"> <li>B1: Audio Input Left</li> <li>B3: GND</li> <li>B4: Amplifier Control Cable</li> <li>B9: Audio Input Right</li> </ol> |
|---|



- **Bluetooth 5.0:** Pair your Bluetooth devices for hands-free calling and audio streaming.
- **Dual Band Wi-Fi:** Connect to 2.4GHz or 5GHz Wi-Fi networks for faster internet speeds and improved stability.
- **Integrated 4G LTE Solution:** For regions outside the Americas (US, Canada, etc.), insert a SIM card to access the internet directly from the unit.



Image: CarAutoPlay and Android Auto functionality.

### 5.3 Navigation

The unit supports various Android navigation software, including Google Maps, Sygic, and Waze. Download your preferred navigation app from the Google Play Store.

### 5.4 Audio Features

- **Built-in AKM DSP:** Utilize the Digital Sound Processor to fine-tune your audio settings for an enhanced listening experience.
- **Coaxial/Optical/HDMI Output:** Connect external audio playback devices or monitors to enjoy high-fidelity sound and video.

# Built-in HD Port, Share Contents in High Fidelity with Passengers



Image: HD Output for external displays.

## 5.5 Screen Mirroring

Screen mirroring allows you to display content from your smartphone directly onto the car stereo screen. This feature is useful for viewing videos, photos, or using apps that are not natively supported by the head unit.

## 5.6 Official Product Video

Your browser does not support the video tag.

Video: XTRONS 9" Octa Core 8+256GB Car Stereo for Porsche Cayenne. This video provides an overview of the product's features and functionality.

## 6. MAINTENANCE

### 6.1 Cooling System

The XTRONS Car Stereo features a 100% aluminum heat sink and a built-in cooling fan to ensure optimal performance and prevent overheating. The cooling fan automatically activates when the unit's temperature exceeds

80°C and deactivates when it drops below 80°C, contributing to power saving and durability. Ensure the cooling fan's power cable is connected for proper operation.

**100% Aluminum Heat Sink**  
Incredibly Efficient Heat Dissipation

**Built-in Cooling Fan**  
Always Keep it Cool for Higher Performance

Automatically start to reduce temperature when it is above 90°C and standby for power saving and durable use when it is under 80°C.  
\* The power cable of the cooling fan need to be connected before it works.

**STMicroelectronics TDA7851**  
High Power Amplifier Chip with Max 4 x 45W Output

**STMicroelectronics TDA7708**  
Advanced Radio Chip with RDS and Strong Signal

**STMicroelectronics MCU**  
Enhanced Efficiency for Processing Control

Image: Internal cooling system of the XTRONS Car Stereo.

## 7. TROUBLESHOOTING

If you encounter any issues with your XTRONS Car Stereo, please refer to the following general troubleshooting steps:

- **No Power:** Check all power connections and ensure the vehicle's ignition is on. Verify the fuse is intact.
- **No Sound:** Check speaker connections, audio output settings, and ensure the volume is not muted or too low. Verify the optical fiber decoder is correctly installed if applicable.
- **Touch Screen Unresponsive:** Try restarting the unit. If the issue persists, a factory reset might be necessary (refer to the on-screen settings for this option).

- **GPS Signal Loss:** Ensure the GPS antenna is properly connected and has a clear view of the sky.
- **Bluetooth Connection Issues:** Ensure Bluetooth is enabled on both the stereo and your device. Try unpairing and re-pairing the device.
- **Wi-Fi Connectivity Problems:** Verify Wi-Fi is enabled and you are connecting to the correct network with the correct password. Check signal strength.

For more specific issues or persistent problems, please contact XTRONS customer support.

## 8. SPECIFICATIONS

Feature	Detail
Operating System	Android 12
Processor	Qualcomm Snapdragon 665 Octa-core
RAM	8GB LPDDR4
ROM	256GB Solid State ROM
GPU	Adreno 610
Screen Size	9 Inches
Resolution	1280x720 (IPS Panel)
Connectivity	Bluetooth 5.0, Dual Band Wi-Fi (2.4GHz/5GHz), 4G LTE (region dependent)
Audio Output	Built-in AKM DSP, Coaxial/Optical/HDMI Output
Dimensions (Package)	14 x 8.6 x 4.92 inches
Item Weight	4.91 pounds

## 9. WARRANTY & SUPPORT

XTRONS provides a **1-year warranty** for this unit. For any technical support or warranty claims, please do not hesitate to contact XTRONS via Amazon email. They aim to reply as soon as possible to ensure your rights and interests are protected at all times.

You can also visit the official XTRONS store for more information and additional products: [XTRONS Amazon Store](#)