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› [XTRONS](#) /

› XTRONS 8.4 Inch Android 14 Car Stereo User Manual

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Brand: XTRONS

Model: XTRONS 8.4 Inch Android 14 Car Stereo (ASIN: B0DJ77V75C)

INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your XTRONS 8.4 Inch Android 14 Car Stereo. Designed for select Porsche models, this advanced head unit integrates modern features such as Android 14, wireless CarPlay and Android Auto, global 4G LTE connectivity, and an 8.4-inch HD IPS touchscreen, while retaining essential original vehicle functions.

Please read this manual thoroughly before installation and use to ensure proper functionality and to maximize your experience with the device.



Image: The XTRONS 8.4 Inch Android 14 Car Stereo, showcasing its sleek design and large display. This is the primary unit that will be installed in your vehicle's dashboard.

APPLICABLE MODELS & YEARS

This XTRONS car stereo is specifically designed for the following Porsche models and years:

- For Porsche Boxster (981) 2012-2016
- For Porsche Cayman (981) 2013-2016
- For Porsche 911 (991) 2012-2018

Compatibility Note: This unit is compatible with PCM 3.1 systems, which typically feature 7 buttons on the first row and "TUNER", "MEDIA", and "NAVI" buttons. It is **not** compatible with PCM 4.0 systems, which have 4 buttons on the first row and an "OPT" button.

Applicable Models & Years

For Porsche

For Porsche Boxster(981) 2012-2016 For Porsche Cayman(981) 2013-2016

For Porsche 911(991) 2012-2018



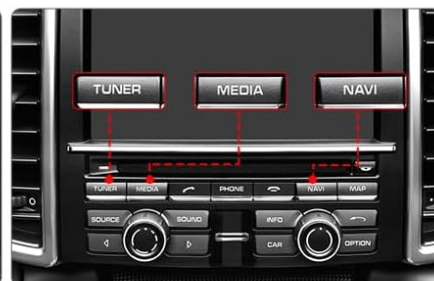
Compatible System



PCM 3.1

Identical features of PCM3.1:

- ① 7 buttons on the first row
- ② With "TUNER", "MEDIA" and "NAVI" button.



PCM 4.0

Please buy XTRONS **IA84BSTPF** if your vehicle comes with PCM4.0 system.

Identical features of PCM4.0:

- ① 4 buttons on the first row
- ② With "OPT" button.



Image: Visual comparison of the car's dashboard before and after the XTRONS stereo installation. It also illustrates the difference between compatible PCM 3.1 and incompatible PCM 4.0 systems, highlighting key button layouts for identification.

KEY FEATURES

- **Operating System:** Latest Android 14
- **Processor:** Octa-core Cortex A75 Processor
- **Memory:** 4GB DDR4 RAM, 64GB Solid State ROM
- **Display:** 8.4-inch HD IPS Touch Screen with 178° Viewing Angle
- **Connectivity:** Global 4G LTE (supports 99% of carriers worldwide, Micro-SIM required), Dual Wi-Fi Band (2.4GHz/5GHz), Bluetooth 5.0, USB Tethering
- **Smartphone Integration:** Built-in Wireless CarPlay & Wireless/Wired Android Auto, Screen Mirroring
- **Audio:** Built-in AKM DSP for enhanced audio experience
- **Original Function Retention:** Retains original optical fiber sound system (for BOSE or Burmester), supports original camera and parking sensors, displays door status and other vehicle information.

XTRONS

Octa-core
Cortex A75 Processor

4GB
RAM

64GB
ROM

8.4" Android Car Stereo Multimedia Player

Works Perfectly with Bose and Burmester Audio System




Android OS

For Porsche Boxster / Cayman / 911

Note: This unit does not play discs.

4G
Global 4G LTE

Image: An infographic highlighting the core features of the XTRONS car stereo, such as its Octa-core processor, memory specifications, Android OS, 4G LTE capability, and support for wireless CarPlay and Android Auto.

Support Original Function and Vehicle Information Display



Retains original optical fibre sound system.
For BOSE or Burmester



Support original camera and parking sensor



Display door status and more vehicle information

• Speed

• PRM

• Mileage

• Range

Image: This image demonstrates the XTRONS unit's ability to integrate with and retain original vehicle functions, including the optical fiber sound system (BOSE or Burmester), factory cameras, parking sensors, and displaying vehicle status information like door open warnings, speed, RPM, and range.

SETUP AND INSTALLATION

Installation of the XTRONS car stereo requires careful attention to wiring and component connection. While the process is generally straightforward for experienced installers, professional installation is recommended to ensure correct setup and avoid damage to your vehicle's electrical system or the unit.

Pre-Installation Checklist:

- Ensure the vehicle's battery is disconnected before starting any electrical work.
- Verify compatibility with your vehicle's PCM system (PCM 3.1 only).
- Identify all included accessories and cables.

General Installation Steps:

1. **Remove Original Head Unit:** Carefully remove the existing head unit from your Porsche dashboard. Refer to your vehicle's service manual for specific instructions on trim panel and unit removal.
2. **Connect Wiring Harness:** Connect the provided ISO Wiring Harness to the vehicle's main wiring harness. Ensure all connections are secure.
3. **CANbus Connection:** Connect the CANbus cable and CANbus Box. This is crucial for retaining steering wheel controls and displaying vehicle information.
4. **Optical Fiber Decoder:** For vehicles with BOSE or Burmester sound systems, connect the Optical Fiber Decoder. This unit ensures the original sound system functions correctly with the new stereo. You may need to transfer the optical fibers from the original harness to the decoder.
5. **Antenna Connections:** Connect the GPS Antenna, 4G Antenna, and Radio Antenna Cable to their respective ports on the XTRONS unit. Position the GPS and 4G antennas in locations with clear signal reception (e.g., dashboard, A-pillar).
6. **USB Connections:** Connect the USB cables. These are used for wired Android Auto, media playback, and connecting external devices.
7. **Camera and Optional Accessories:** If installing a front or reversing camera, connect the Camera Cable. Connect any other optional accessories (e.g., OBD, TPMS, external DVR) as per their respective instructions.
8. **Test Functionality:** Before fully reassembling the dashboard, temporarily connect the battery and power on the unit to test basic functions: power, audio, touch screen, radio, GPS, and steering wheel controls.
9. **Secure Unit and Reassemble:** Once tested, securely mount the XTRONS unit in the dashboard and reassemble all trim panels.

Note: The 12V blue wire typically found in aftermarket stereos may not need to be connected for this specific unit, as power is managed through the CANbus system. Consult XTRONS support if you encounter power-related issues.

OPERATING INSTRUCTIONS

Basic Operation:

- **Power On/Off:** The unit powers on automatically with the vehicle's ignition. To manually power off or restart, long-press the power button (if available) or use the system settings.
- **Touch Screen Navigation:** Navigate the Android interface by tapping icons, swiping, and using multi-touch gestures similar to a smartphone.
- **Volume Control:** Adjust volume using the on-screen controls or your vehicle's steering wheel controls (if retained via CANbus).

Connectivity:

- **Global 4G LTE:** Insert a Micro-SIM card into the designated slot. The unit will automatically connect to the cellular network, providing internet access for navigation, streaming, and app downloads.
- **Wi-Fi:** Go to Settings > Network & Internet > Wi-Fi to connect to available Wi-Fi networks (2.4GHz or 5GHz).
- **USB Tethering:** Connect your smartphone via USB cable and enable USB tethering in your phone's settings to share its internet connection with the head unit.
- **Bluetooth 5.0:** Pair your smartphone for hands-free calling and audio streaming. Go to Settings > Connected devices > Pair new device.

Global 4G LTE, Connect with No Boundaries



Support 99% of Carriers Worldwide

Supported Bands: 1, 2, 3, 4, 5, 7, 8, 12, 17, 20, 28, 38, 40, 41, 42
Not Supported Bands: 13, 25, 26



Dual Band WiFi



Share Mobile Network by USB Tethering



Image: This graphic illustrates the unit's advanced connectivity options, including global 4G LTE with up to 300Mbps download speed, dual-band Wi-Fi (2.4GHz and 5GHz), and the ability to share mobile network data via USB tethering from a smartphone.

Smartphone Integration (CarPlay & Android Auto):

- **Wireless CarPlay:** For iPhones, enable Bluetooth on both the phone and the head unit. Pair the devices. CarPlay will launch automatically, allowing access to navigation, calls, messages, and music.
- **Wireless Android Auto:** For Android phones, enable Bluetooth on both devices and pair them. Android Auto will launch wirelessly.
- **Wired Android Auto:** Connect your Android phone via a USB cable to activate wired Android Auto.
- **Screen Mirroring:** Use the screen mirroring function (via Wi-Fi) to display your smartphone's screen directly on the head unit.

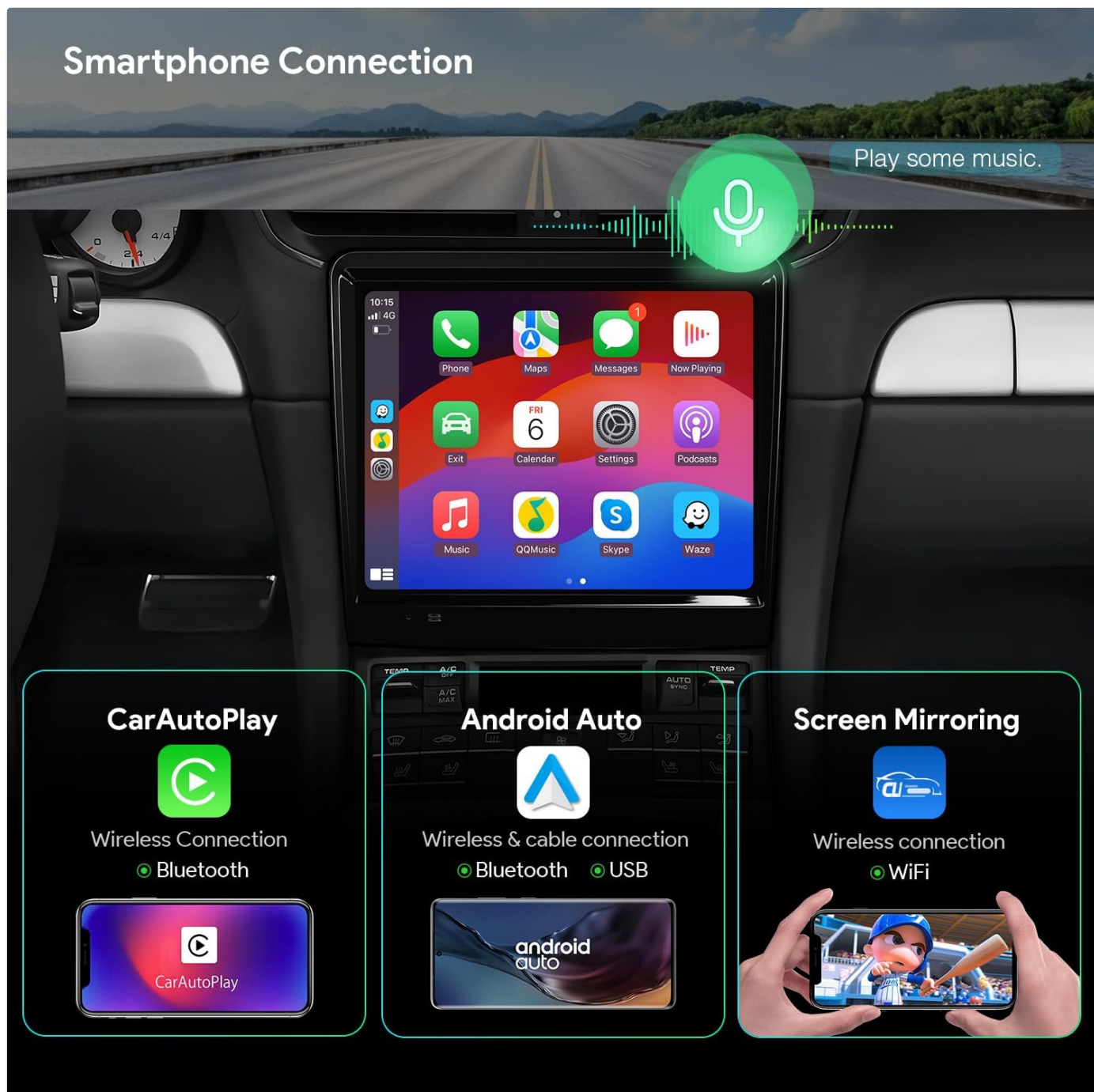


Image: This visual guide explains how to connect smartphones to the XTRONS stereo using Wireless CarPlay (Bluetooth), Wireless/Wired Android Auto (Bluetooth/USB), and Screen Mirroring (Wi-Fi), enabling access to phone apps and voice commands.

Navigation:

The unit supports various navigation applications available on the Android Play Store. Ensure the GPS antenna is properly installed for accurate positioning.

Audio Settings (DSP):

Utilize the built-in AKM DSP (Digital Signal Processor) to customize your audio experience. Access the DSP settings through the main menu to adjust equalizer, balance, fader, and other sound parameters.

MAINTENANCE

- **Screen Cleaning:** Use a soft, lint-free cloth to clean the touchscreen. 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 (Settings > System >

System update). Keeping the software updated ensures optimal performance and access to new features.

- **General Care:** Avoid exposing the unit to extreme temperatures, direct sunlight for prolonged periods, or excessive moisture. Ensure proper ventilation around the unit.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Unit does not power on.	Loose power connection, blown fuse, incorrect wiring.	Check all power connections. Inspect vehicle fuses and the unit's fuse. Verify wiring against installation instructions. Ensure CANbus is correctly connected.
No sound or poor sound quality.	Optical Fiber Decoder not connected or faulty, incorrect audio settings, loose speaker wires.	Ensure the Optical Fiber Decoder is correctly installed and fibers are seated. Check DSP settings. Verify speaker wire connections.
GPS signal is weak or inaccurate.	GPS antenna improperly placed or faulty.	Relocate the GPS antenna to a position with a clear view of the sky (e.g., dashboard, under windshield). Check antenna connection.
CarPlay/Android Auto not connecting.	Bluetooth/Wi-Fi issues, phone compatibility, app issues.	Ensure Bluetooth and Wi-Fi are enabled on both devices. Restart phone and head unit. Update phone's OS and CarPlay/Android Auto apps. Try wired connection for Android Auto.
Steering wheel controls not working.	CANbus box not connected or configured correctly.	Verify CANbus cable and box connections. Check unit settings for steering wheel control configuration.

For further assistance, please contact XTRONS customer support.

SPECIFICATIONS

Attribute	Detail
Model Name	XTRONS 8.4 Inch Android 14 Car Stereo
Operating System	Android 14
Display Size	8.4 Inches
Screen Type	IPS Touch Screen
Connectivity Technology	Bluetooth, USB, Wi-Fi, 4G LTE
Special Features	Bluetooth, Touchscreen, Wireless CarPlay, Wireless/Wired Android Auto, Built-in DSP
Item Weight	5 pounds
Package Dimensions	12.6 x 10.24 x 7.68 inches
Manufacturer	XTRONS
Mounting Type	Dashboard Mount

Attribute	Detail
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Size



Accessories



1 x ISO Wiring Harness



1 x CANbus Cable



2 x USB Cable



1 x CANbus Box



1 x Optical Fibre Decoder



1 x Camera Cable



1 x 4G Antenna



1 x GPS Antenna



1 x Radio Antenna Cable



1 x Original USB Cable



1 x User Manual

Image: A diagram illustrating the physical dimensions of the XTRONS car stereo unit, providing measurements for installation planning.
Below the diagram, a visual list of all included accessories is presented.

WHAT'S IN THE BOX

The following components are included with your XTRONS 8.4 Inch Android 14 Car Stereo:

- 1 x ISO Wiring Harness
- 1 x CANbus Cable
- 2 x USB Cable
- 1 x CANbus Box
- 1 x Optical Fiber Decoder
- 1 x Camera Cable

- 1 x 4G Antenna
- 1 x GPS Antenna
- 1 x Radio Antenna Cable
- 1 x Original USB Cable
- 1 x User Manual (this document)

WARRANTY AND SUPPORT

For warranty information, please refer to the terms and conditions provided at the time of purchase or contact XTRONS customer service directly. XTRONS offers technical support for product inquiries, installation guidance, and troubleshooting.

Contact Information: Please visit the official XTRONS website or your point of purchase for the most current support contact details.

Note: Protection plans may be available for purchase separately to extend coverage beyond the standard warranty.

OFFICIAL PRODUCT VIDEOS

No official seller videos were provided for this product in the available data. Please check the product listing on Amazon or the XTRONS official website for any available video demonstrations or guides.