

XTRONS QEA12UHA12A4L

XTRONS 10.25" Android 12 Car Stereo GPS Tablet User Manual

Model: QEA12UHA12A4L

1. PRODUCT OVERVIEW

The XTRONS 10.25" Android 12 Car Stereo GPS Tablet is an advanced multimedia system designed specifically for select Audi A4 and A5 series vehicles. It integrates seamlessly with your car's original system, offering enhanced navigation, entertainment, and connectivity features while retaining essential factory functionalities.



Image 1.1: Front view of the XTRONS 10.25" Android 12 Car Stereo, showcasing its integrated 4G LTE, CarAutoPlay, Android Auto, Built-in DSP, Android 12 operating system, Octa Core processor, 2GB DDR4 RAM, and 32GB ROM.

2. KEY FEATURES

- **Display:** 10.25-inch HD LCD screen (1280x480 resolution).
- **Operating System:** Android 12.
- **Processor:** Octa-Core.
- **Memory:** 2GB DDR4 RAM, 32GB SSD ROM (expandable via USB up to 128GB).
- **Connectivity:** Dual Wi-Fi, Integrated 4G (SIM reader included), Bluetooth.

- **Smartphone Integration:** Built-in Apple CarPlay and Android Auto (Wireless support).
- **Audio:** Built-in DSP Equalizer.
- **Features:** Screen Mirroring, Split Screen Function, GPS Navigation.
- **Vehicle Integration:** Supports original Audi Multimedia system, retains original radio and CD player, supports steering wheel controls via Canbus (maintains dashboard information).
- **Expansion:** Pre-disposition for DAB+ (DAB box not included), OBD2 (OBD box not included), DVR (camera not included), external microphone input, TPMS (kit not included).
- **Language:** Multi-language menu support.



Image 2.1: Overview of the XTRONS unit highlighting key technologies and features such as 4G LTE, wireless smartphone integration, IPS display, touch screen, dual-band Wi-Fi, and DSP.

3. COMPATIBILITY

This unit is specifically designed for the following Audi models:

- Audi A4, S4 (2009-2016)
- Audi RS4 (2012-2015)
- Audi A5, S5 (2008-2016)
- Audi RS5 (2010-2015)

Note: This system is compatible only with vehicles equipped with the original Audi Multimedia system.



Image 3.1: The XTRONS 10.25" unit seamlessly integrated into an Audi A4/A5 dashboard, demonstrating its fit and aesthetic.

4. WHAT'S IN THE BOX

Please check the contents of your package against the list below:

- XTRONS 10.25" Android 12 Car Stereo Unit
- Main Wiring Harness
- GPS Antenna
- 4G Antenna
- USB Cables
- RCA Cables
- Canbus Decoder
- Mounting Brackets
- Installation Tools
- User Manual



Image 4.1: All components included in the XTRONS product package, showing the main unit, wiring harnesses, antennas, USB cables, mounting hardware, and documentation.

5. INSTALLATION GUIDE (SETUP)

Important: Professional installation is highly recommended. Disconnect the vehicle's battery before beginning installation to prevent electrical damage.

5.1 Pre-Installation Checks

1. Verify vehicle compatibility (Audi A4/A5 series with original multimedia system).
2. Ensure all components listed in Section 4 are present.
3. Familiarize yourself with your vehicle's dashboard disassembly process.

5.2 Installation Steps

1. **Disconnect Battery:** Locate your vehicle's battery and disconnect the negative terminal.
2. **Remove Original Unit:** Carefully remove the trim panels and screws securing the original car stereo and display. Refer to your vehicle's service manual for specific instructions.
3. **Connect Wiring:**
 - Connect the main wiring harness from the XTRONS unit to the vehicle's existing wiring.
 - Connect the GPS antenna and position it in a location with clear sky view (e.g., dashboard corner).
 - Connect the 4G antenna and position it for optimal signal reception.
 - Connect any additional accessories like USB cables, external microphone, or optional DAB+/OBD2/DVR/TPMS modules.
 - Ensure the Canbus decoder is correctly connected to maintain steering wheel controls and original vehicle information.

4. **Mount the Unit:** Secure the XTRONS unit using the provided mounting brackets and screws. Ensure it is firmly in place.
5. **Test Functionality:** Before reassembling the dashboard, reconnect the vehicle's battery. Turn on the ignition and test all functions of the new unit: power, audio, touch screen, GPS, Bluetooth, Wi-Fi, steering wheel controls, and original radio/CD player functionality.
6. **Reassemble Dashboard:** Once all functions are verified, carefully reassemble the dashboard panels.



Image 5.1: Detailed dimensions of the XTRONS unit and its mounting frame, crucial for verifying fitment during installation.

6. BASIC OPERATION

6.1 Power On/Off

- The unit powers on automatically with the vehicle's ignition.
- To turn off the screen while driving, press and hold the power button (if available) or use the screen-off option in the settings.

6.2 Touch Screen Navigation

Navigate the Android interface by tapping icons, swiping, and using pinch-to-zoom gestures similar to a smartphone or tablet.



Image 6.1: The main menu interface of the XTRONS unit, displaying various application icons for easy access to functions like navigation, audio settings, video playback, and phone connectivity.

6.3 Bluetooth Pairing

1. Go to the Bluetooth settings on the unit.
2. Enable Bluetooth on your mobile device and search for available devices.
3. Select the XTRONS unit from the list (usually named 'XTRONS' or similar).
4. Confirm the pairing code on both devices.
5. Once paired, you can make/receive calls and stream audio.

7. ADVANCED FEATURES

7.1 GPS Navigation

The unit comes with pre-installed GPS capabilities. You can use online maps (requires Wi-Fi/4G) or download offline maps for navigation.

- Ensure the GPS antenna is properly connected and positioned.
- Open the 'Navigation' or 'Maps' application.
- Enter your destination and follow the on-screen directions.



Image 7.1: The XTRONS unit displaying a detailed GPS navigation map, indicating its capability for turn-by-turn directions and route planning.

7.2 Apple CarPlay & Android Auto

Connect your iPhone or Android smartphone wirelessly to access compatible apps, navigation, music, and voice assistants directly on the unit's screen.

- Ensure Bluetooth and Wi-Fi are enabled on both the unit and your smartphone.
- For Apple CarPlay, open the 'CarPlay' app on the unit. For Android Auto, open the 'Android Auto' app.
- Follow the on-screen prompts to connect your device.



Image 7.2: The XTRONS unit showcasing the Apple CarPlay interface, allowing seamless integration of iPhone apps for navigation, communication, and entertainment.



Image 7.3: The XTRONS unit displaying the Android Auto interface, providing a user-friendly way to access Android phone features like

7.3 Internet Connectivity (Wi-Fi & 4G)

- **Wi-Fi:** Connect to a Wi-Fi hotspot (e.g., from your phone or home network) via the Wi-Fi settings menu to access online content, download apps, and update software.
- **4G:** Insert a compatible SIM card into the designated slot to enable direct 4G internet access for online navigation, streaming, and other data-intensive applications.

8. MAINTENANCE AND CARE

- **Cleaning:** Use a soft, lint-free cloth to clean the screen. For stubborn marks, slightly dampen the cloth with water or a screen cleaner. Avoid harsh chemicals.
- **Temperature:** Avoid exposing the unit to extreme temperatures (very hot or very cold) for extended periods.
- **Software Updates:** Periodically check for software updates via the system settings to ensure optimal performance and access to new features.
- **Data Backup:** Regularly back up important data stored on the unit to an external USB drive.

9. TROUBLESHOOTING

Problem	Possible Cause	Solution
Unit does not power on.	Loose power connection, blown fuse, vehicle battery issue.	Check all wiring connections. Inspect vehicle fuses. Ensure vehicle battery is charged.
No sound.	Volume too low, mute enabled, incorrect audio output settings, loose speaker wires.	Increase volume. Check mute status. Verify audio settings. Inspect speaker connections.
GPS signal weak/lost.	GPS antenna improperly placed or disconnected.	Ensure GPS antenna has a clear view of the sky and is securely connected.
Bluetooth not connecting.	Bluetooth off on unit/phone, device not in pairing mode, interference.	Ensure Bluetooth is enabled on both devices. Put phone in pairing mode. Try restarting both devices.
Touch screen unresponsive.	Software glitch, screen protector interference.	Restart the unit. Remove any temporary screen protectors. If persistent, contact support.
Steering wheel controls not working.	Canbus decoder not connected or configured correctly.	Verify Canbus decoder connection. Check Canbus settings in the unit's menu.

10. SPECIFICATIONS

Feature	Specification
Brand	XTRONS
Screen Size	10.25 Inches
Screen Type	LCD
Operating System	Android 12

Feature	Specification
Processor	Octa-Core
RAM	2GB DDR4
Internal Storage	32GB SSD
Expandable Storage	Up to 128GB via USB
Connectivity	Wi-Fi (Dual Band), 4G (SIM reader), Bluetooth
Special Features	Apple CarPlay, Android Auto, DSP Equalizer, Split Screen, Screen Mirroring
Mounting Type	Dashboard Mount
Audio Output Mode	Stereo

11. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation provided with your purchase or contact your retailer. XTRONS provides customer support for product-related inquiries and assistance with troubleshooting.

Online Resources: You may find additional support, FAQs, and software updates on the official XTRONS website.

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

Open the live page

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