

XTRONS QLA22UHA12Q5L

XTRONS 12.3 Inch Android 13 Car Stereo User Manual

Model: QLA22UHA12Q5L | Brand: XTRONS

INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your XTRONS 12.3 Inch Android 13 Car Stereo. Designed for Left Hand Drive Audi Q5 (2009-2017) models with the Audi multimedia radio system, this unit offers advanced features including an IPS touch screen, Octa-core processor, 4GB RAM, 64GB ROM, Global 4G LTE connectivity, Wireless Car Play, and Android Auto support. Please read this manual thoroughly before use to ensure proper functionality and safety.

PACKAGE CONTENTS

Before beginning installation, please verify that all components listed below are present in your package:

- 1 × Main Unit (Car Stereo)
- 1 × ISO Wiring Harness
- 1 × Emergency Light Cable
- 1 × CanBUS Cable 1
- 1 × CanBUS Cable 2
- 1 × 4G Antenna
- 1 × GPS Antenna
- 1 × AMI Cable
- 1 × LVDS Cable
- 1 × Mini Microphone
- 1 × User Manual (this document)
- 1 × Installation Instruction
- 1 × Tweezers
- 1 × Installation Frame
- 1 × Fix Mount
- 8 × Screw

Wiring Harness



- | | |
|---|---------------------------------------|
| 1. Original CD port | 11. Reverse-IN, Reverse control cable |
| 2. ISO wiring harness | 12. Rear Camera input |
| 3. Connect to ISO cable CANbus port | 13. USB port1 |
| 4. Connect to original vehicle protocol cable | 14. USB port2 |
| 5. Connect to original vehicle protocol port | 15. Microphone port |
| 6. Audio port | 16. Mini microphone |
| 7. Original center speaker input port | 17. 4G antenna |
| 8. Original center speaker output port | 18. GPS antenna |
| 9. CCD 12V, Rear Camera ACC | 19. LVDS port |
| 10. ACC | 20. 4G card slot |

Figure 1: Wiring Harness and Included Accessories. This image displays the various cables and components that come with the XTRONS car stereo, including the main unit, ISO wiring harness, CanBUS cables, antennas, and other accessories, with each part clearly numbered and labeled.

SETUP AND INSTALLATION

This unit is specifically designed for Left Hand Drive Audi Q5 (2009-2017) models equipped with the Audi multimedia radio system. Professional installation is recommended.

Vehicle Compatibility

Ensure your vehicle is a Left Hand Drive Audi Q5 manufactured between 2009 and 2017 and has the original Audi multimedia radio system. This unit will ONLY work with the original Q5 Audi multimedia radio system.

Applicable Models & Years

For Left Hand Driving **Audi Q5**(2009-2017)



This unit ONLY works with the original Q5 **Audi multimedia** radio system.

✓ Audi multimedia



Figure 2: Applicable Models and Years. This image shows a side-by-side comparison of an Audi Q5 dashboard before and after the installation of the XTRONS car stereo, highlighting the integrated fit.

Wiring and Connections

Refer to the included "Installation Instruction" document for detailed wiring diagrams and connection steps. Key connections include:

- Connect the ISO Wiring Harness to the vehicle's original wiring.
- Connect CanBUS cables to ensure proper communication with the vehicle's systems.
- Install the 4G Antenna and GPS Antenna for optimal signal reception.
- Connect the Mini Microphone for hands-free calling and voice commands.
- Utilize the AMI Cable and LVDS Cable as per your vehicle's specific requirements.

SIM Card Installation (for 4G LTE)

To utilize the Global 4G LTE feature, insert a Micro-SIM card (not included) into the designated slot on the unit. Note that 4G supports internet SIM data only, not phone calls directly from the unit.

3 Options for Internet Access



LTE Cat 7
(up to **300Mbps**)



Support **99%**
of Carriers Worldwide



4G
LTE

*This unit accepts Micro-SIM card (not included). 4G supports internet SIM data only, not phone calls.

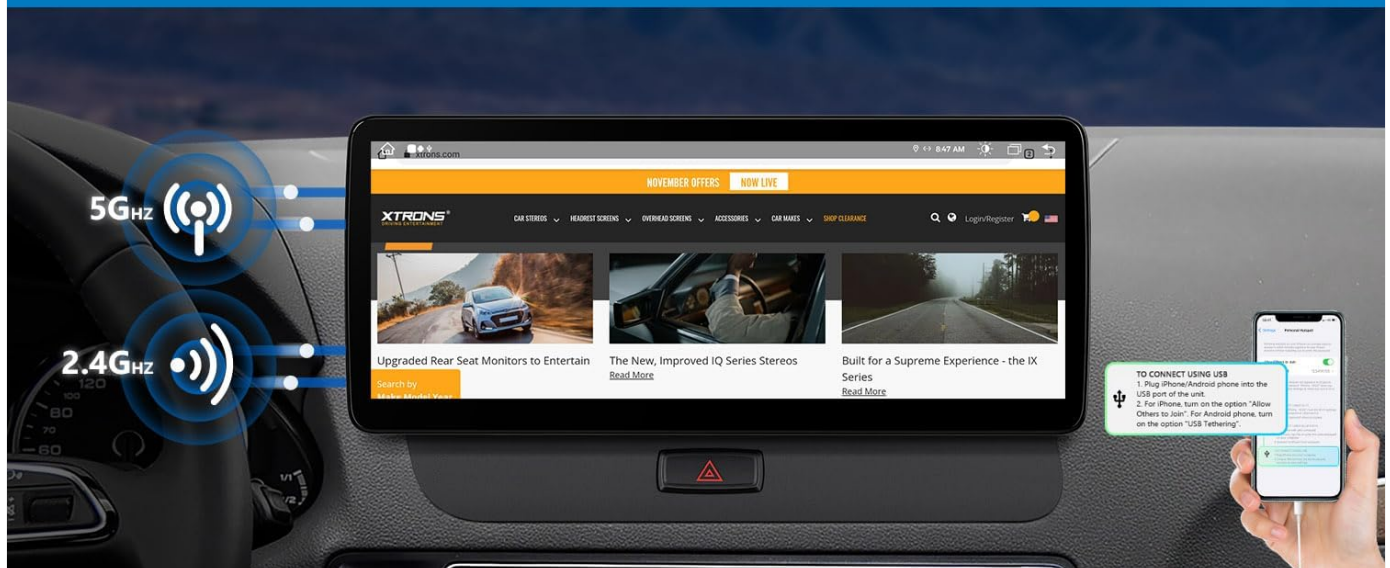


Figure 3: 4G LTE Connectivity. This image illustrates the process of inserting a Micro-SIM card into the car stereo to enable 4G LTE internet access, alongside other internet access options like Wi-Fi.

OPERATING INSTRUCTIONS

User Interface and Display

The unit features a 12.3-inch IPS Touch Screen with 1920x720 high resolution, offering clear visuals and wide viewing angles. The system runs on Android 13 with an Octa-core processor, 4GB RAM, and 64GB ROM, ensuring smooth and responsive operation. It includes a Dual UI exclusive designed for Audi vehicles.



Figure 4: Product Overview. This image provides a clear front view of the XTRONS 12.3-inch car stereo, highlighting its main features and specifications.

XTRONS

4 GB RAM | 64 GB ROM

For **AUDI Q5** Left-hand Driving Vehicles

12.3" Fully-laminated Screen 1920x720
Android Car Stereo Multimedia Player



| Octa Core | Global



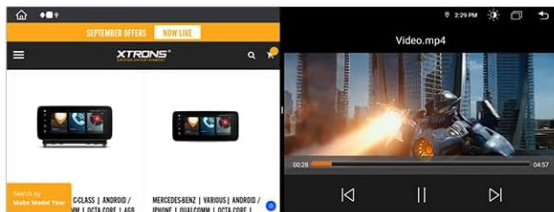
Figure 5: Main Interface. This image shows the main user interface of the XTRONS car stereo, featuring icons for various functions like video playback, dashboard information, and system settings.

● Smart Size, Fuller Display



*The images displayed are in a 1:1 aspect ratio.

Multi-task Display



PIP-Picture in Picture



IPS Touch Screen



Built-in Two USB Input



Figure 6: Display Features. This image illustrates the "Smart Size, Fuller Display" aspect, showing a comparison between 12.3" and 10.25" screens, along with examples of multi-task display, Picture-in-Picture (PIP), IPS Touch Screen, and the built-in dual USB input.

Smartphone Integration

The unit supports Wireless Car Play and Wireless/Wired Android Auto, allowing seamless integration with your smartphone for navigation, calls, music, and voice assistants (Siri, Google Assistant).

Display and Control Your Smartphone Wirelessly



CarAutoPlay
Wireless Connection



Android Auto
Wireless & Cable Connection



Screen Mirroring
Wireless Connection



Hey Siri



Play some music.



Figure 7: Smartphone Connectivity. This image demonstrates the wireless connectivity options including CarAutoPlay, Android Auto, and Screen Mirroring, showing how a smartphone can interact with the car stereo for various functions.

Screen Mirroring allows you to display your phone's screen directly on the car stereo for viewing content.

Navigation and GPS

With built-in GPS, the unit supports various navigation applications. Ensure the GPS antenna is properly installed for accurate positioning.

Your browser does not support the video tag.

Video 1: XTRONS 12.3 Inch Android 13 Car Stereo for Audi. This video provides a comprehensive overview of the XTRONS car stereo, showcasing its features such as the 12.3-inch display, high resolution, full-laminated screen, dual UI for Audi, Octa-core processor, 4GB RAM + 64GB ROM, built-in 4G, CarPlay, Android Auto, screen mirroring, AHD camera input support, Bluetooth 5.1, built-in GPS, and package contents. The video is 1 minute and 5 seconds long.

Bluetooth Connectivity

The unit features Bluetooth 5.0 for stable connections and high-quality transmission, enabling hands-free calls and music streaming from your paired devices.

Retained Original Functions

The XTRONS car stereo is designed to retain many of your vehicle's original functions, including the amplifier system, original radio, original CD player, Bluetooth, backup camera display, and steering wheel control functions.

Original Functions Retained

Amplifier System



Original Radio



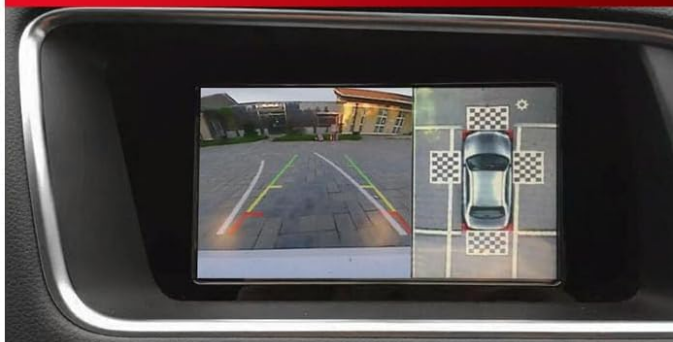
Original CD Player



Bluetooth



Backup Camera Display



Steering Wheel Control Function



Figure 8: Original Functions Retained. This image collage highlights various original vehicle functions that are preserved and integrated with the XTRONS car stereo, such as the amplifier system, original radio, CD player, Bluetooth, backup camera display, and steering wheel controls.

MAINTENANCE

To ensure the longevity and optimal performance of your XTRONS car stereo, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the screen and exterior. Avoid abrasive cleaners or solvents that may damage the surface.
- **Software Updates:** Periodically check the XTRONS official website or the unit's system settings for available software updates to ensure you have the latest features and bug fixes.
- **Environmental Conditions:** Avoid exposing the unit to extreme temperatures, direct sunlight for prolonged periods, or

excessive moisture.

- **Cable Connections:** Ensure all cables are securely connected. Loose connections can lead to intermittent issues.

TROUBLESHOOTING

This section addresses common issues you might encounter. For more complex problems, please contact customer support.

Problem	Possible Cause	Solution
Unit does not power on.	Loose power connection, blown fuse, vehicle battery issue.	Check all power cables and connections. Inspect vehicle fuses. Ensure vehicle battery is charged.
No sound from speakers.	Incorrect wiring, volume too low, mute activated, amplifier issue.	Verify speaker wiring. Increase volume. Check if mute is active. Ensure original amplifier system is functioning.
GPS signal is weak or inaccurate.	GPS antenna not properly installed or obstructed.	Ensure GPS antenna is placed in an unobstructed location (e.g., dashboard, away from metal).
Bluetooth connection issues.	Device not in pairing mode, interference, unit's Bluetooth off.	Ensure both devices are in pairing mode. Restart Bluetooth on both devices. Clear previous pairings.
Touch screen unresponsive.	Temporary software glitch, screen protector interference.	Restart the unit. If a screen protector is installed, ensure it is applied correctly and not causing issues.

SPECIFICATIONS

Feature	Detail
Display Size	12.3 Inches
Operating System	Android 13
Processor	Octa Core
RAM	4GB DDR4
ROM (Internal Storage)	64GB Solid State
Panel Type	IPS Panel, 178° Viewing Angle
Resolution	1920x720
Connectivity	Bluetooth 5.0, Dual Wi-Fi Band (2.4GHz/5GHz), USB, Global 4G LTE
Special Features	Touchscreen, PIP (Picture-in-Picture), Wireless Car Play, Wireless/Wired Android Auto, Screen Mirroring, Built-in GPS, Supports AHD Camera Input
Audio Output Mode	Stereo
Mounting Type	Dashboard Mount
Compatible Vehicles	Left Hand Drive Audi Q5 (2009-2017) with Audi multimedia radio system

WARRANTY INFORMATION

Your XTRONS 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. For detailed warranty terms and conditions, refer to the warranty card included in your package or visit the official XTRONS website.

CUSTOMER SUPPORT

If you require further assistance, have questions not covered in this manual, or need technical support, please contact XTRONS customer service. You can find contact information on the official XTRONS website or through the retailer where you purchased the product.

For more information and product updates, visit the [XTRONS Store on Amazon](#).

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