XTRONS QLA42A6L

XTRONS QLA42A6L 14.9-inch Car Tablet GPS User Manual
Model: QLA42A6L

1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your XTRONS QLA42A6L 14.9-inch Car Tablet GPS. This advanced system is designed to enhance your driving experience with modern connectivity and entertainment features, while seamlessly integrating with your vehicle's existing systems.

Please read this manual thoroughly before installation and use to ensure proper functionality and to avoid any damage to the unit or your vehicle.

2. PRODUCT OVERVIEW AND FEATURES

The XTRONS QLA42A6L is a high-performance car tablet featuring a 14.9-inch display, powered by Android 13. It offers a range of functionalities including GPS navigation, multimedia playback, and smartphone integration.

Key Features:

- **Operating System:** Android 13

- **Processor:** Octa-Core (2 x Cortex-A75, 6 x Cortex-A55)

- **Memory:** 4GB LPDDR4 RAM, 64GB EMMC 5.1 ROM (expandable via USB)

- **Display:** 14.9-inch Fully-laminated 2K IPS Touch Screen

- **Connectivity:** Global 4G LTE (SIM card slot included, data only), Dual-band WiFi (5GHz/2.4GHz), Bluetooth

- **Smartphone Integration:** Wireless Apple CarPlay, Wireless & Cable Android Auto, Wireless Screen Mirroring

- **Audio:** DSP Equalizer support

- **Video:** 2K Video Playback support

- **Inputs:** 2 x USB inputs, External Microphone input (microphone not included)

- **Vehicle Integration:** CANBUS (retains original car information and steering wheel controls), maintains original radio and CD player functionality

- **Optional Support:** DAB+ (box not included), OBD2 (module not included), DVR (camera not included), TPMS (kit not included)

This image highlights the core specifications of the XTRONS QLA42A6L, including its powerful Octa-core processor, 4GB LPDDR4 RAM, 64GB EMMC 5.1 ROM, and 4G LTE connectivity. It also showcases the 14.9-inch fully-laminated 2K IPS screen and support for Wireless CarPlay and Android Auto.
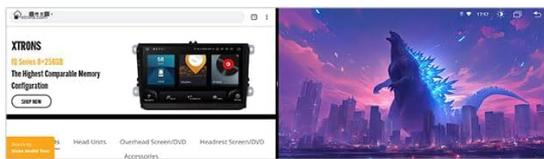
This image illustrates the advanced display capabilities of the unit, featuring a full laminated screen for improved clarity, multi-task display, and Picture-in-Picture (PIP) functionality. It also shows the IPS touch screen and the two integrated USB inputs for expanded connectivity.

3. COMPATIBILITY

This unit is specifically designed for the following Audi models:

- Audi A6, S6, RS6 (2012-2015)
- Audi A7, S7, RS7 (2012-2015)

Important: This unit is compatible **only** with vehicles equipped with the MMI 3G/3G+ system. Please verify your vehicle's MMI software version before installation.

Applicable Models & Years

For Left Hand Drive **AUDI A6 A7 RS6 RS7 S6 S7** (2012-2015)
with MMI 3G/3G+ System

Before

After
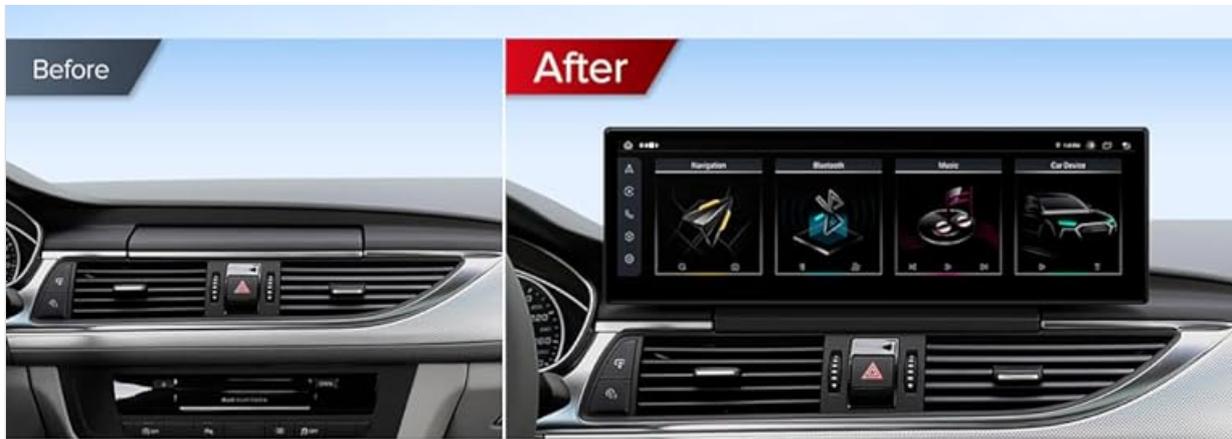
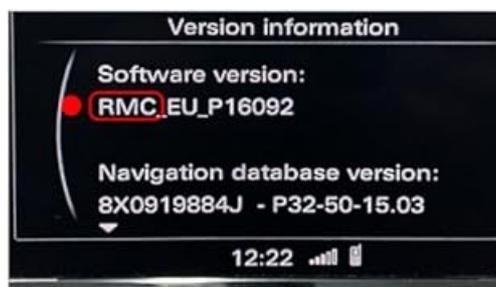# Important Notes on Compatibility

● **Software Version**

Before purchasing, please check your factory stereo software version to see if it falls into one of the following categories.

To find the version info, go to the "Setup or Menu - setup MMI - Settings - version information" on your factory stereo.

Time	Menu	Setup MMI
Setup MMI ⟳ Version information	
Media version:	HN+R ✔ Compatible
● HN+R_US_AU3G_K0942_6	
Nav. database version:	
8R0060884JE NAR 6.24.0	
TMC	18:08	

HN+R ✔ **Compatible**

Setup MMI ⟳ Versionsinformationen

Software Version:
● MHI2_ER_AU57x_S2519
Navigationsdatenbank Gesamtversion:
V03959801FA 0134 ECE 2016
Navigationsdatenbank Länderversionen ▶

TMC 11:47

MHI2 ✘ **Not Compatible**

Please buy XTRONS QLA42A6NL.

Version information

Software version:
● RMC_EU_P16092

Navigation database version:
8X0919884J - P32-50-15.03

12:22

RMC ⚠ **Cable Required**

XTRONS AKQLA42RMCBL is required.

● **Audi Music Interface**

If your vehicle is equipped with an Audi music interface as shown on the right, you must connect the XTRONS AMI cable (firstly connected with the audio extension cable) to the Audi music interface.

Audi music interface

● AMI Cable

● Extension Cable

*Both cables provided in the package already

This image details the vehicle compatibility for the XTRONS QLA42A6L, specifically for Audi A6, S6, RS6, A7, S7, RS7 models from 2012-2015 equipped with the MMI 3G/3G+ system. It provides visual guidance on how to check your car's MMI software version (HN+R, MHI2, RMC) for proper installation and cable requirements.

4. WHAT'S IN THE BOX (ACCESSORIES)

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

- 1 x Monitor
- 1 x ISO Wiring Harness
- 1 x 4G SIM Card Slot
- 1 x Mini Microphone
- 1 x Mini Speaker
- 1 x 4G Antenna
- 1 x Audio Cable
- 1 x AMI Cable
- 1 x GPS Antenna
- 1 x Trim Strip
- 1 x User Manual (this document)
- 1 x Installation Instruction
- 2 x Screws

Size

372mm

122mm
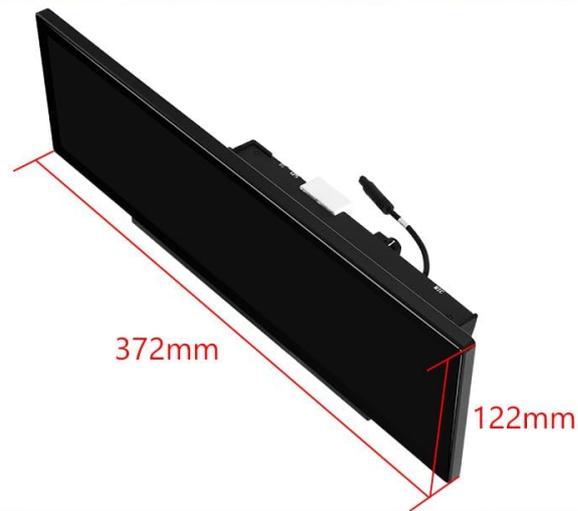
Accessories

1 x ISO Wiring Harness

1 x 4G SIM Card Slot

1 x Mini Microphone

1 x Mini Speaker

1 x 4G Antenna

1 x Audio Cable

1 x AMI Cable

1 x GPS Antenna

1 x Trim Strip

1 x User Manual

1 x Installation Instruction

2 x Screw

This image provides the physical dimensions of the XTRONS QLA42A6L unit (372mm x 122mm) and lists all included accessories. These accessories are essential for installation and include various cables, antennas, a microphone, a speaker, and both a user manual and installation instructions.

5. SETUP AND INSTALLATION

Installation of the XTRONS QLA42A6L requires technical knowledge and familiarity with car audio systems. It is highly recommended to have the unit installed by a qualified professional to prevent damage to the product or your vehicle.

General Installation Steps:

1. **Preparation:** Ensure the vehicle's ignition is off and the battery is disconnected.

2. **Remove Original Components:** Carefully remove the existing car stereo or display unit and trim panels as per your vehicle's service manual.

3. **Connect Wiring Harness:** Connect the provided ISO wiring harness to the vehicle's wiring and the XTRONS unit. Ensure all connections are secure.

4. **Connect Antennas:** Connect the GPS antenna and 4G antenna (if using) to their respective ports on the unit. Position antennas in locations with clear signal reception.

5. **Install Unit:** Mount the XTRONS QLA42A6L into the dashboard opening. Secure it using the provided screws and trim strip.

6. **Reconnect Battery:** Reconnect the vehicle's battery and test the unit's functionality.

7. **Final Assembly:** Reinstall any removed trim panels.

Refer to the dedicated "Installation Instruction" document included in your package for detailed, step-by-step guidance specific to your vehicle model and MMI system.

6. OPERATING INSTRUCTIONS

Your XTRONS QLA42A6L operates on an Android 13 system, providing a familiar interface similar to a smartphone or tablet.

Basic Operation:

- **Power On/Off:** The unit typically powers on with the vehicle's ignition. A long press on the power button (if available) may manually turn it off or on.
- **Touch Screen:** Navigate the interface by tapping, swiping, and pinching on the 14.9-inch IPS touch screen.
- **Home Screen:** Access various applications and widgets from the customizable home screen.
- **Volume Control:** Adjust volume using the vehicle's steering wheel controls or on-screen controls.

Smartphone Integration:

Display and Control Your Smartphone Wirelessly

CarAutoPlay
Wireless Connection

Android Auto
Wireless & Cable Connection

Screen Mirroring
Wireless Connection

Hey Siri

Play some music.

This image demonstrates how the unit integrates with smartphones, offering Wireless Apple CarPlay, Wireless and Cable Android Auto, and Wireless Screen Mirroring. It also shows the voice control feature, allowing hands-free operation for navigation and media playback.

- **Apple CarPlay (Wireless):** Connect your iPhone wirelessly to access navigation, music, messages, and more directly on the unit's display.
- **Android Auto (Wireless & Cable):** Connect your Android phone wirelessly or via USB to use Google Maps, play music, and send messages.
- **Screen Mirroring (Wireless):** Project your smartphone's screen onto the car tablet for viewing content.
- **Voice Control:** Utilize voice commands (e.g., "Hey Siri" or "OK Google") for hands-free control of navigation, music, and calls.

Multi-tasking and Display:

- **Split Screen:** Run two applications simultaneously side-by-side on the large display.
- **Picture-in-Picture (PIP):** View a video or navigation in a small overlay window while using another application.

Retained Original Functions:

Original Car Information Display

| Speed | Engine Speed | Remaining | Temperature | Parking Brake | Seat Belt Reminder |

This image illustrates the unit's ability to retain and display original vehicle information, including speed, engine RPM, fuel level, engine temperature, parking brake status, and seat belt reminders, ensuring essential car data remains accessible.

Original Functions Retained

Amplifier System

Original Radio

Original CD Player

Bluetooth

Backup Camera Display

Steering Wheel Control Function

This image confirms that the XTRONS QLA42A6L seamlessly integrates with and retains key original car functions, such as the amplifier system, factory radio, CD player, Bluetooth connectivity, backup camera display, and steering wheel controls.

- **Original Car Information:** The unit displays essential vehicle data such as speed, engine speed, fuel level, temperature, parking brake status, and seat belt reminders.
- **Steering Wheel Controls:** Continue to use your vehicle's steering wheel buttons for audio control and other functions.
- **Original Radio & CD Player:** The factory radio and CD player functionalities are retained and accessible.
- **Amplifier System:** The unit integrates with your car's original amplifier system.
- **Backup Camera Display:** If your vehicle has an original backup camera, its display will be integrated.

7. CONNECTIVITY

The XTRONS QLA42A6L offers multiple ways to stay connected:

3 Options for Internet Access

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

Support **99%** of Carriers Worldwide

4G LTE

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

5GHz

2.4GHz

This image highlights the versatile internet connectivity options, including high-speed 4G LTE (Cat 7 up to 300Mbps) and dual-band Wi-Fi (5GHz and 2.4GHz). Note that the 4G function supports internet data only, not phone calls, and requires a Micro-SIM card (not included).

- **4G LTE:** Insert a Micro-SIM card (not included) into the provided slot for mobile data connectivity. This supports internet access for navigation, streaming, and app downloads. Note: This function is for internet data only and does not support phone calls.

- **Wi-Fi:** Connect to available Wi-Fi networks (2.4GHz and 5GHz) for internet access.

- **Bluetooth:** Pair your smartphone for hands-free calling, contact synchronization, and audio streaming.

- **USB:** Use the two built-in USB ports to connect external storage devices (up to 64GB each) for media playback or to connect compatible accessories.

8. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your XTRONS QLA42A6L.

- **Cleaning the Screen:** Use a soft, lint-free cloth, slightly dampened with water or a screen cleaner, to gently wipe the display. Avoid harsh chemicals or abrasive materials.

- **Software Updates:** Periodically check for software updates from the manufacturer. Updates can

improve performance, add features, and fix bugs. Follow the manufacturer's instructions for updating the system.

- **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 and not pinched or damaged.

9. TROUBLESHOOTING

If you encounter issues with your XTRONS QLA42A6L, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Unit does not power on	Loose power connection, blown fuse, vehicle battery issue	Check wiring harness connections. Inspect vehicle fuses. Ensure car battery is charged.
No sound	Volume too low, incorrect audio source, loose speaker connections	Increase volume. Select correct audio source. Check speaker wiring.
GPS signal lost or inaccurate	GPS antenna obstruction, loose connection, poor satellite coverage	Ensure GPS antenna has a clear view of the sky. Check antenna connection. Move to an open area.
Bluetooth connectivity issues	Device not paired, Bluetooth off, interference	Ensure Bluetooth is enabled on both devices. Re-pair the device. Move closer to the unit.
Microphone feedback/poor quality	Microphone placement, external microphone not connected (if applicable)	Adjust microphone position to reduce echo. Ensure external microphone is securely connected if used.
Screen unresponsive or frozen	Software glitch, temporary system error	Perform a soft reset (refer to the installation manual for specific instructions). If issue persists, disconnect and reconnect vehicle battery.
4G/WiFi not connecting	Incorrect SIM card, no data plan, weak signal, incorrect WiFi password	Ensure SIM card is correctly inserted and has an active data plan. Check WiFi password. Move to an area with better signal.

If these steps do not resolve the issue, please contact XTRONS customer support.

10. SPECIFICATIONS

Feature	Specification
Brand	XTRONS
Model Number	QLA42A6L

Feature	Specification
Operating System	Android 13
Screen Size	14.9 Inches
Memory Capacity	64 GB
Connectivity Technology	Wi-Fi, 4G, Bluetooth, USB
Special Features	Wireless, Voice Control
Vehicle Service Type	Automobile
Mounting Type	On panel
Map Type	Streets

11. WARRANTY AND SUPPORT

XTRONS products are designed for reliability and performance. For warranty information, please refer to the documentation included with your purchase or visit the official XTRONS website.

If you require technical assistance, have questions about installation, or need support for any issues not covered in this manual, please contact XTRONS customer support. Provide your product model number (QLA42A6L) and a detailed description of your issue for efficient service.