

XTRONS IQP94TTAP

XTRONS IQP94TTAP Car Stereo User Manual

For Audi TT MK2 (2006-2012)

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your XTRONS IQP94TTAP Car Stereo. Please read this manual thoroughly before using the product to ensure proper function and to maximize your user experience. Keep this manual for future reference.

2. PACKAGE CONTENTS

Verify that all items listed below are included in your package. If any items are missing or damaged, please contact XTRONS customer support.

- 1 × Main Unit (XTRONS IQP94TTAP Car Stereo)
- 2 × ISO Wiring Harness
- 1 × RCA Cable
- 2 × USB Cable
- 1 × GPS Antenna
- 1 × Amplifier Box for BOSE System
- 1 × CANbus Cable
- 1 × CANbus Box
- 1 × Camera Cable
- 1 × Radio Antenna Cable
- 1 × 4G+ Antenna
- 1 × 4G- Antenna
- 2 × User Manual (English/German)

Size



Accessories



Figure 2.1: Included accessories for the XTRONS IQP94TTAP Car Stereo.

3. PRODUCT OVERVIEW AND FEATURES

The XTRONS IQP94TTAP is an advanced car stereo multimedia player designed specifically for the Audi TT MK2. It integrates modern technology to enhance your in-car entertainment and navigation experience.

Key Features:

- **Operating System:** Android 14
- **Processor:** Qualcomm Snapdragon 665 Octa-Core
- **Memory:** 8GB RAM + 256GB ROM
- **Display:** 9-inch QLED Touch Screen (1280x800 resolution, 16:10 aspect ratio, 178° wide viewing angle)
- **Audio:** Professional-grade DSP Chipset with DTS Digital Sound, 15-band Graphic Equalizer, 4 Preset DTS Effects, 7 Preset EQ Modes, Lossless Audio Output
- **Connectivity:** Built-in Wireless CarPlay & Full-Featured Android Auto (Wireless/Wired), Bluetooth 5.0, Built-in Wi-Fi, Built-in 4G Module (SIM card required)
- **Video Output:** Built-in HDMI Port for high-fidelity content sharing to external monitors

- **Navigation:** Built-in GPS
- **Radio:** Built-in FM/AM Radio with RDS
- **Camera Support:** Supports AHD Camera Input
- **User Interface:** Smart and Intuitive UI with Day/Night Mode, Quick Display Window, Music Source Shortcut, Easy Volume Control, Split View functionality
- **Vehicle Integration:** Optimized CANBus Decoding to support original vehicle functions (BOSE system, ACC control, Reversing control, Light control, Handbrake control) and display car stereo details on your dashboard (Bluetooth status, AUX status, Radio Frequency information, GPS status)
- **Cooling:** Built-in Cooling Fan

Unparalleled Quantum Dot Screen See the Unseen

QLED

1280x800 Resolution

16:10 Golden Ratio

9"

Fuller Screen, Less Boundaries

Glass+Glass

178° Wide Viewing Angle

Capacitive Touch Screen

IPS

Figure 3.1: XTRONS IQP94TTAP Car Stereo installed in an Audi TT MK2.



Figure 3.2: 9-inch QLED Touch Screen with 1280x800 resolution and 178° wide viewing angle.



Figure 3.3: Qualcomm Snapdragon 665 Platform for enhanced performance.

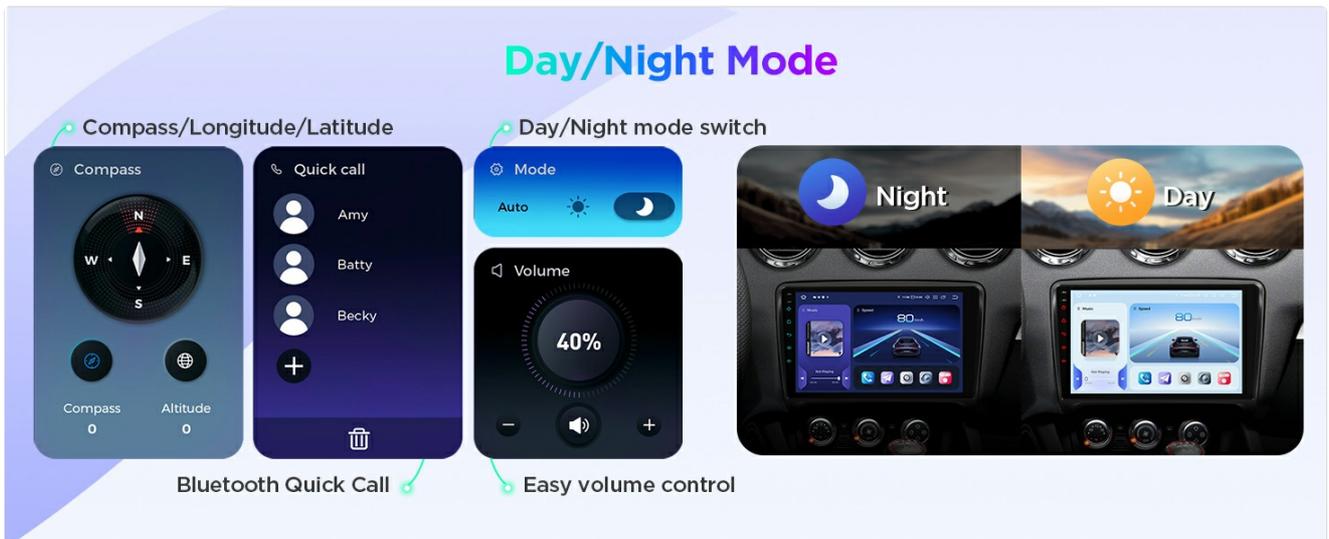


Figure 3.4: Professional-grade DSP Chipset with DTS Digital Sound for optimized audio.



Figure 3.5: Built-in HDMI Output for sharing content with passengers.

4. INSTALLATION AND SETUP

Professional installation is recommended for this car stereo. Ensure the vehicle's ignition is off and the battery is disconnected before beginning installation.

4.1 Vehicle Compatibility

This unit is designed for Audi TT MK2 models from 2006 to 2012. Please verify your vehicle's radio antenna port matches the provided image. An adapter cable (XTRONS ICE/ACS/ISOFZ) may be required if the port type differs.

QLED IPS Glass+Glass Touch Screen

The 9" HD quantum dot screen delivers unmatched clarity and vibrant colors.

178°
178 IPS

Glass+Glass

9"

QLED
1280x800
Resolution
16:10
Golden Ratio

Figure 4.1: Compatibility for Audi TT MK2 (2006-2012).



Figure 4.2: Important Notes on Antenna Compatibility.

4.2 Wiring Diagram

Refer to the detailed wiring diagram for connecting the main unit to your vehicle's electrical system and peripherals. Ensure all connections are secure and correctly matched to prevent damage.



Figure 4.3: Wiring Diagram for XTRONS IQP94TTAP.

The included ISO wiring harnesses are designed for plug-and-play installation in compatible Audi TT MK2 models. For vehicles with a BOSE sound system, use the dedicated amplifier box and CANbus components as instructed.

5. OPERATING INSTRUCTIONS

This section covers the basic operation of your XTRONS IQP94TTAP Car Stereo.

5.1 Power On/Off

Press and hold the power button (usually marked with a power symbol) on the front panel to turn the unit on or off. A short press typically mutes or unmutes the audio.

5.2 Touch Screen Interface

The 9-inch QLED touch screen provides an intuitive interface. Tap icons to open applications, swipe to navigate menus, and use pinch-to-zoom gestures where applicable (e.g., in navigation apps).

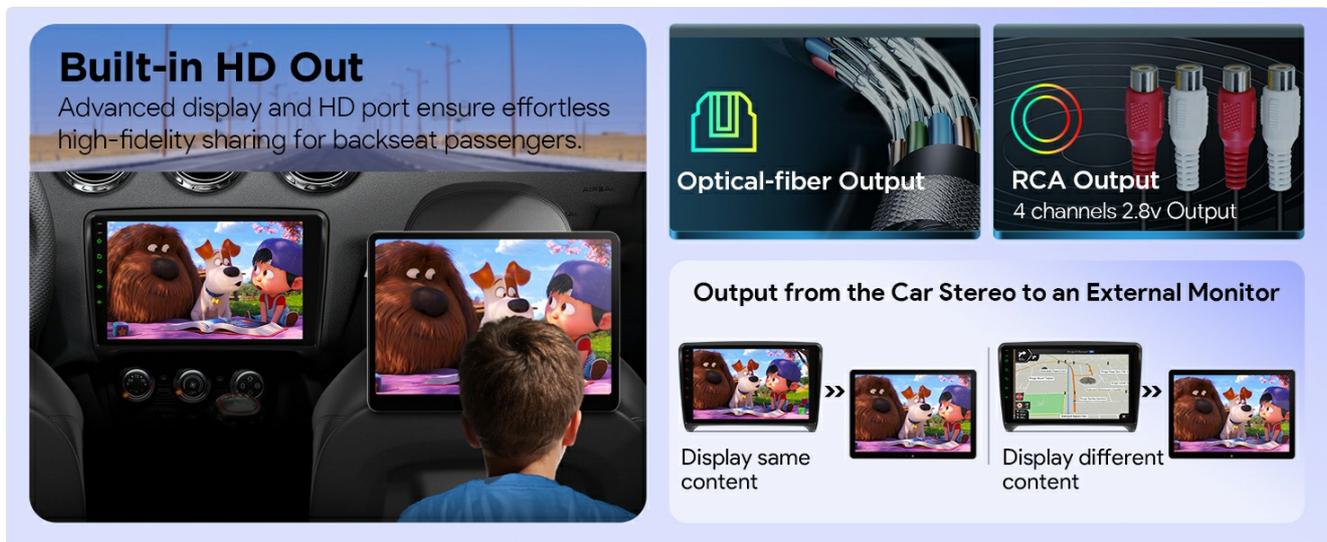


Figure 5.1: Smart and Intuitive User Interface with Day/Night Mode.

5.3 CarPlay and Android Auto

Connect your iPhone wirelessly via Bluetooth for Apple CarPlay, or your Android phone wirelessly or via USB for Android Auto. This allows access to navigation, calls, music, and voice assistants directly from the car stereo.



Figure 5.2: Wireless CarPlay and Android Auto Integration.

5.4 Bluetooth Connectivity

Pair your smartphone via Bluetooth 5.0 for hands-free calling and audio streaming. Access your contacts and dial directly from the stereo's interface.

5.5 GPS Navigation

The built-in GPS module provides accurate navigation. Use pre-installed maps or download your preferred navigation apps from the Google Play Store.

5.6 Radio (FM/AM with RDS)

Tune into FM or AM radio stations. The RDS (Radio Data System) feature displays station information, song titles, and traffic announcements where available.

5.7 Split View

Utilize the split-screen function to run two applications simultaneously, such as navigation on one side and music or

a web browser on the other.

5.8 Wi-Fi and 4G Connectivity

Connect to Wi-Fi hotspots or insert a SIM card into the built-in 4G module for internet access, enabling online streaming, app downloads, and real-time traffic updates.

5.9 AHD Camera Input

The unit supports AHD (Analog High Definition) camera input for clear rearview or front-view camera display, enhancing parking safety.

5.10 Video Playback

The system supports ultra-smooth 4K video playback. You can also output video to external monitors via the built-in HDMI port for rear-seat entertainment.

Your browser does not support the video tag.

Video 5.1: Overview of XTRONS IQP94TTAP Car Stereo features, including UI, connectivity, and audio settings.

6. SPECIFICATIONS

Feature	Specification
Product Dimensions	9 x 6.3 x 9 inches
Item Weight	4.74 pounds
Operating System	Android 14
Processor	Qualcomm Snapdragon 665 Octa-Core
RAM	8GB
ROM	256GB
Display Size	9-inch
Display Type	QLED Touch Screen
Display Resolution	1280x800
Connectivity Technology	Bluetooth 5.0, Wi-Fi, 4G
Controller Type	Android
HDMI Ports	1 (Output)
Connector Type	HDMI, RCA
Audio Output Mode	Stereo
Surround Sound Channel Configuration	2.0
Video Encoding	H.264, H.265/HEVC, VP9

7. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your car stereo.

7.1 Cleaning the Screen

Use a soft, lint-free cloth to gently wipe the screen. For stubborn smudges, slightly dampen the cloth with water or a screen-safe cleaning solution. Avoid harsh chemicals or abrasive materials.

7.2 Software Updates

Periodically check for software updates to ensure your system has the latest features and bug fixes. Updates can typically be found in the system settings under 'About Device' or 'System Updates'. Ensure a stable internet connection during updates.

7.3 General Care

- Avoid exposing the unit to extreme temperatures or direct sunlight for prolonged periods.
- Do not spill liquids on the unit.
- Ensure proper ventilation around the unit, especially for the built-in cooling fan.

8. TROUBLESHOOTING

If you encounter issues with your XTRONS IQP94TTAP, refer to the following common problems and solutions.

Problem	Possible Cause / Solution
Unit does not power on	Check power connections (yellow, red, black wires). Ensure the vehicle's ignition is on. Verify fuses.
No sound or low volume	Check volume settings. Ensure speakers are correctly wired. If using a BOSE system, verify the amplifier box connection. Check DSP settings for mute or low output.
Microphone quality is poor	Ensure the microphone is properly connected and positioned. Check system audio input settings. Consider an external microphone if issues persist.
CarPlay/Android Auto not connecting or unstable	Ensure Bluetooth and Wi-Fi are enabled on your phone and the stereo. Restart both devices. For wired connections, try a different USB cable. Check for software updates for the stereo and your phone's operating system.
GPS signal is weak or inaccurate	Ensure the GPS antenna is properly installed and has a clear view of the sky. Check antenna connection. Update GPS maps if necessary.
Unit slides or does not fit securely	Ensure all mounting brackets and screws are tightened. Verify correct installation for your specific Audi TT MK2 model. Professional re-installation may be required.
Screen unresponsive or frozen	Perform a soft reset by pressing the RST button (usually a small pinhole button). If the issue persists, a factory reset may be necessary (note: this will erase all user data).

For issues not covered here, please contact XTRONS customer support.

9. WARRANTY AND SUPPORT

XTRONS products are covered by a manufacturer's warranty. Please refer to the warranty card included in your

package or visit the official XTRONS website for detailed warranty terms and conditions.

9.1 Customer Support

If you require technical assistance, have questions about your product, or need to report a defect, please contact XTRONS customer support. You can typically find contact information on the XTRONS website or through the retailer where you purchased the product.

The screenshot shows a product page for Xtrons on Amazon. At the top, a dark banner asks "Have any questions about XTRONS products?". Below this, the page is divided into two main sections: "STEP 1" and "STEP 2".

STEP 1: This section shows the product's availability and purchase options. It includes a "Quantity: 1" dropdown, "Add to Cart" and "Buy Now" buttons, and a "Ships from Amazon" label. The "Sold by" section is highlighted with a red box, showing the "Xtrons" seller name with a hand cursor icon pointing to it.

STEP 2: This section displays the seller's information. It features the "Xtrons" logo, a "Visit the Xtrons storefront" link, and a 5-star rating with "95% positive in the last 12 months (63 ratings)". A red box highlights the "Have a question for Xtrons?" button, which is labeled "Ask a question" with a hand cursor icon. Below this, the "About Seller" section for "UG ELECTRONICS LTD. & XTRONS®" is visible, along with a "See more" link. To the right, another "Have a question for Xtrons?" button is shown.

At the bottom right of the screenshot, a note states: "Responses may be delayed due to holidays."

Figure 9.1: How to contact XTRONS for support via the retailer platform.