XTRONS TX122L

XTRONS TX122L 10.1-inch Android 14 Car Stereo User Manual

Model: TX122L

1. INTRODUCTION

Thank you for choosing the XTRONS TX122L 10.1-inch Android 14 Car Stereo. This device is designed to enhance your in-car entertainment and navigation experience with advanced features and a user-friendly interface. This manual provides essential information for installation, operation, and maintenance to ensure optimal performance and longevity of your unit. Please read this manual thoroughly before using the product.

2. SAFETY INFORMATION

- **Professional Installation Recommended:** Due to the complexity of car electrical systems, professional installation is highly recommended to prevent damage to the unit or your vehicle.
- **Power Supply:** Ensure the unit is connected to a 12V DC power supply with negative grounding.
- **Wiring:** Incorrect wiring can cause damage. Refer to the wiring diagram carefully.
- **Driving Safety:** Do not operate the unit in a way that distracts you from driving. Always prioritize road safety.
- **Temperature:** Avoid exposing the unit to extreme temperatures or direct sunlight for prolonged periods.
- **Moisture:** Keep the unit dry. Exposure to moisture can cause malfunction.

3. PACKAGE CONTENTS

Verify that all items are present in the package before installation.

Image Description: This image displays the complete package contents for the XTRONS TX122L car stereo. It includes the main head unit, various wiring harnesses (power, RCA, USB), a GPS antenna, a 4G antenna, an external microphone, mounting brackets, and a user manual.

- XTRONS TX122L Head Unit
- Power Harness
- RCA Cables
- USB Cables
- GPS Antenna
- 4G Antenna
- External Microphone
- Mounting Brackets
- User Manual

4. PRODUCT OVERVIEW

The XTRONS TX122L features a 10.1-inch QLED rotatable display, powered by Android 14, an octa-core processor, 4GB RAM, and 64GB ROM. It offers comprehensive connectivity and multimedia capabilities.

Image Description: This image shows the XTRONS TX122L car stereo display with its user interface. The screen displays a clock (12:24), vehicle speed (68 km/h), and current media playback (music and radio). Icons for navigation, phone, settings, and other functions are visible on the left and bottom edges of the screen.

Key Features:

- **Operating System:** Android 14
- **Display:** 10.1-inch HD Capacitive Rotatable QLED Screen
- **Processor:** Octa-core 2.0 GHz (12nm)
- **Memory:** 4GB RAM, 64GB ROM (expandable)
- **Connectivity:** Built-in Wi-Fi, 4G LTE (SIM card reader included), Bluetooth 5.0
- **Navigation:** Built-in GPS, BDS, GLONASS, GALILEO support
- **Smartphone Integration:** Wireless Apple CarPlay and Android Auto
- **Audio:** DSP Equalizer
- **Media:** USB (up to 128GB), SD (up to 64GB)
- **Camera Support:** Rear camera and DVR camera input (optional accessories)
- **Other:** Steering wheel control support, external microphone capability.

Image Description: This image illustrates the rotatable screen feature of the XTRONS TX122L. It shows the display in both horizontal and vertical orientations within a car dashboard, highlighting its full adjustability with angles of 26 degrees, 30 degrees, and a 50mm extension. The screen can be rotated to optimize viewing experience.

5. INSTALLATION

Proper installation is crucial for the functionality and safety of your car stereo. If you are unsure about any steps, consult a professional installer.

5.1 Pre-Installation Checks

- Disconnect the vehicle's negative battery terminal before starting any electrical work.
- Ensure the mounting location is suitable for a 2-DIN unit and the 10.1-inch display.
- Check the dimensions of the unit against your vehicle's dashboard opening.

Image Description: This image provides the physical dimensions of the XTRONS TX122L head unit. The main body measures 178mm in width, 100mm in height, and 130mm in depth. The display panel measures 256mm in width and 164mm in height.

5.2 Wiring Connections

Refer to the provided wiring diagram for specific connections. Key connections include:

- **Power:** Connect the yellow wire to constant 12V, red wire to accessory 12V (switched), and black wire to ground.
- **Speakers:** Connect speaker wires to the corresponding vehicle speaker wires, ensuring correct polarity.
- **Antennas:** Connect the GPS antenna and 4G antenna to their respective ports. Position them for optimal signal reception.
- **External Microphone:** Plug in the external microphone for improved call quality.
- **USB/SD:** Connect USB extension cables and insert SD card if desired.
- **Optional Connections:** Connect rear view camera, DVR, OBD2, or DAB+ accessories as needed.

5.3 Mounting the Unit

1. Secure the mounting brackets to the sides of the head unit.
2. Slide the unit into the dashboard opening, ensuring all wires are clear and not pinched.
3. Secure the unit in place using the mounting screws or clips.
4. Reconnect the vehicle's negative battery terminal.

6. INITIAL SETUP

After installation, perform the following initial setup steps:

1. **Power On:** Turn on your vehicle's ignition. The unit should power on automatically.
2. **Language and Region:** Follow the on-screen prompts to select your preferred language and region settings.
3. **Wi-Fi Connection:** Go to Settings > Network & Internet > Wi-Fi. Connect to an available Wi-Fi network to enable internet access and download apps.
4. **4G Connectivity:** If using a 4G SIM card, insert it into the designated slot. Ensure APN settings are correct for your carrier if internet access is not automatic.
5. **Date and Time:** Set the correct date and time, or enable automatic synchronization via network.
6. **GPS Calibration:** Ensure the GPS antenna has a clear view of the sky for accurate positioning.

7. OPERATING INSTRUCTIONS

7.1 Basic Operation

- **Touchscreen:** Navigate the interface by tapping, swiping, and pinching on the capacitive touchscreen.
- **Physical Buttons:** Use the physical buttons on the unit for quick access to common functions like volume, home, and back.
- **Rotatable Screen:** The screen can be manually rotated between landscape and portrait modes. The gravity sensor will adjust the display orientation accordingly.

7.2 Android 14 Features

The unit runs on Android 14, providing access to a wide range of applications and customization options. You can download apps from the Google Play Store (requires Google account login).

Image Description: This image shows the XTRONS TX122L display in portrait orientation, showcasing the Android 14 app

launcher. Various application icons such as Maps, Phone, News, Weather, SMS, Games, Settings, Calendar, Podcasts, and Reminder are visible, demonstrating the device's smart functionality.

7.3 Apple CarPlay and Android Auto

Connect your smartphone for seamless integration of navigation, music, calls, and messages.

Image Description: This image illustrates the Apple CarPlay and Android Auto interfaces on the XTRONS TX122L display. The top panel shows Apple CarPlay with various app icons, indicating wireless Bluetooth connection. The bottom panel shows Android Auto, supporting both wireless and wired USB connections, displaying a similar array of applications.

- **Apple CarPlay:** Connect wirelessly via Bluetooth. Follow the on-screen instructions to pair your iPhone.
- **Android Auto:** Connect wirelessly via Bluetooth or via USB cable. Follow the on-screen instructions to pair your Android phone.

7.4 GPS Navigation

The unit supports multiple satellite systems (GPS, BDS, GLONASS, GALILEO) for accurate positioning. Pre-installed navigation apps or downloaded alternatives can be used.

- Ensure the GPS antenna is properly installed and has a clear view of the sky.
- Open your preferred navigation application and follow its instructions for route planning.

7.5 Wi-Fi and 4G Connectivity

- **Wi-Fi:** Connect to a mobile hotspot or home Wi-Fi network for internet access.
- **4G:** Insert a compatible 4G SIM card to enable mobile data connectivity directly on the unit.

7.6 Bluetooth 5.0

Pair your phone via Bluetooth for hands-free calling and audio streaming.

- Go to Settings > Connected devices > Pair new device.
- Select your phone from the list and confirm the pairing code.
- Once paired, you can make/receive calls and play music through the car stereo.

7.7 DSP Equalizer

The built-in Digital Signal Processor (DSP) allows for advanced audio customization. Access the DSP settings to adjust sound profiles, equalizer bands, and sound field effects to optimize your listening experience.

7.8 USB/SD Media Playback

Connect USB drives or insert SD cards into the designated slots to play audio and video files.

- Supported formats may vary; refer to the unit's specifications for details.
- Use the File Manager or a media player app to browse and play content.

7.9 External Camera Support

The unit supports input for a rear view camera and a DVR camera (accessories sold separately).

- **Rear View Camera:** Connect the camera to the dedicated input. The display will automatically switch to the rear view when the vehicle is in reverse.
- **DVR Camera:** Connect a compatible DVR camera to record driving footage.

7.10 Steering Wheel Controls

The unit supports connection to your vehicle's steering wheel controls, allowing you to operate basic functions (volume, track skip, mode) without taking your hands off the wheel. Configuration may be required in the unit's settings menu.

8. MAINTENANCE

- **Cleaning the Screen:** Use a soft, lint-free cloth to gently wipe the screen. For stubborn marks, use a screen cleaner specifically designed for electronic displays. Do not use abrasive cleaners.
- **Software Updates:** Periodically check for software updates via the unit's settings menu or the XTRONS official website to ensure optimal performance and access to new features.
- **General Care:** Avoid spilling liquids on the unit. If the unit becomes wet, power it off immediately and allow it to dry completely before use.

9. TROUBLESHOOTING

Problem	Possible Cause	Solution
Unit does not power on.	Incorrect wiring; Blown fuse; No power supply.	Check power connections (yellow, red, black wires). Verify vehicle fuses. Ensure battery is connected.
No sound.	Volume too low; Mute activated; Incorrect speaker wiring; Amplifier issue.	Increase volume. Check if mute is active. Verify speaker connections. Check external amplifier if used.

Problem	Possible Cause	Solution
GPS signal weak or inaccurate.	GPS antenna improperly placed; Obstruction.	Ensure GPS antenna has a clear view of the sky, away from metal obstructions.
Bluetooth connection issues.	Device not in pairing mode; Interference; Incorrect pairing process.	Ensure both devices are in pairing mode. Delete previous pairings and try again. Move closer to the unit.
Touchscreen unresponsive.	Software glitch; Screen damage.	Restart the unit. If issue persists, perform a factory reset (data will be lost). If still unresponsive, contact support.
CarPlay/Android Auto not connecting.	Incorrect phone settings; USB cable issue; App not installed.	Ensure CarPlay/Android Auto is enabled on your phone. Try a different USB cable. Reinstall the respective app on your phone.

If you encounter problems not listed here or if the suggested solutions do not resolve the issue, please contact XTRONS customer support or your authorized dealer.

10. SPECIFICATIONS

Feature	Specification
Brand	XTRONS
Model Number	TX122L
Operating System	Android 14
Display Size	10.1 inches
Display Type	QLED Capacitive Rotatable Screen
Processor	Octa-core
RAM	4 GB
ROM	64 GB
Connectivity	Wi-Fi, Bluetooth 5.0, 4G (SIM card reader), USB
Navigation	GPS, BDS, GLONASS, GALILEO
Smartphone Integration	Wireless Apple CarPlay, Android Auto
Audio Features	DSP Equalizer
Output Power	180 Watts
Compatible Devices	Smartphone
Control Method	Touchscreen
Color	Black

11. WARRANTY AND SUPPORT

For warranty information, please refer to the warranty card included with your product or contact your point of purchase. XTRONS provides technical support for its products. For assistance, please visit the official XTRONS website or contact their customer service department with your model number (TX122L) and purchase details.

Related Documents - TX122L

XTRONS GEBRAUCHSANWEISUNG Indem Dank, dass Sie sich für dieses XTRONS Produkt entschieden haben. Bitte lesen Sie diese Anweisungen sorgfältig durch, damit Sie wissen, wie das Produkt ordnungsgemäß bedient wird. Bitte bewahren Sie dieses Dokument nach dem Lesen für zukünftige Referenz an einem sicheren Ort auf.	**XTRONS Autoradio Bedienungsanleitung: Installation und Nutzung** Umfassende Bedienungsanleitung für XTRONS Autoradiosysteme mit Android-Betriebssystem. Erfahren Sie mehr über Installation, Funktionen wie Navigation, Bluetooth, Medienwiedergabe und Fehlerbehebung.
USER MANUAL XTRONS	**XTRONS TL10L-DL10L User Manual** User manual for the XTRONS TL10L-DL10L vehicle multimedia audio & video system, covering safety precautions, radio, music playback, Bluetooth connectivity, DSP, PhoneLink, and setup options.
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	[XTRONS TX Series Japanese User Manual for DX120L/TX121L](#) This user manual provides detailed instructions for the XTRONS TX Series car infotainment system, including setup, operation, and troubleshooting for models DX120L and TX121L. It covers features such as radio, USB/SD playback, Bluetooth connectivity, Carplay/Android Auto, mirroring, navigation, and various settings.
	[Xtrons PE Series Android Car Stereo User Manual](#) Comprehensive user manual for the Xtrons PE Series Android Car Stereo, covering installation, basic operations, functions like radio, navigation, Bluetooth, multimedia, and troubleshooting.