

XTRONS DX121LGS

XTRONS 10.1 Inch Universal Single Din Android 14 Car Stereo User Manual

Model: DX121LGS | Brand: XTRONS

1. INTRODUCTION AND OVERVIEW

This manual provides detailed instructions for the installation, operation, and maintenance of your XTRONS 10.1 Inch Universal Single Din Android 14 Car Stereo. This advanced head unit features an Octa-Core processor, 4GB RAM, 64GB ROM, QLED touch screen, GPS navigation, Bluetooth, DSP, CarPlay, Android Auto, and 4G LTE connectivity, designed to enhance your in-car entertainment and navigation experience.



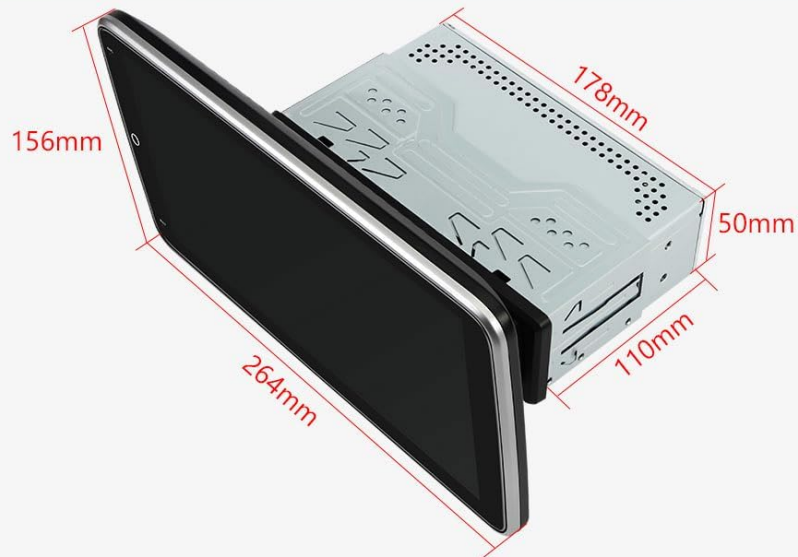
Figure 1.1: XTRONS 10.1 Inch Universal Single Din Android 14 Car Stereo with key features highlighted.

2. PACKAGE CONTENTS

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

- 1 × ISO Wiring Harness
- 1 × Microphone
- 1 × 4G Antenna
- 1 × GPS Antenna
- 1 × Camera Cable
- 1 × SIM Card Slot Cable
- 2 × USB Cable
- 2 × Installation Tool
- 1 × User Manual (this document)
- 1 × CANbus Cable

Size



Accessories



1 x 4G Antenna



1 x GPS Antenna



1 x SIM Card Slot Cable



1 x CANbus Cable



1 x USB Cable



1 x USB Cable



1 x Camera Cable



1 x ISO Wiring Harness



1 x Microphone



2 x Installation Tool



1 x User Manual

Figure 2.1: Overview of included accessories and unit dimensions.

3. INSTALLATION

3.1 Compatibility Check

This unit is designed for standard Single DIN slots (50mm Height x 178mm Width x 110mm Depth). Ensure your vehicle's dashboard opening matches these dimensions. For Double DIN slots, a different XTRONS model (TX122L) may be required.

Compatibility Information

This unit has a standard single DIN size of
50mm (Height) x 178mm (Width) x 110mm (Depth)



Single Din Slot



Direct mount and perfect fit.



Double Din Slot



Please buy **XTRONS TX122L**, if you have a Double Din slot to fit in.



Included

- ISO standard power cable



NOT Included

- Custom fit fascia
- Custom fit ISO cable and CANbus box

★ Note: For some specific car models, a custom fit fascia and ISO cable (with CANbus box) may be required. Please contact us for detailed information.

Figure 3.1: Visual guide for Single DIN and Double DIN compatibility.

3.2 Physical Installation

1. **Preparation:** Disconnect the vehicle's battery before starting any electrical work.
2. **Remove Old Unit:** Carefully remove your existing car stereo from the dashboard.
3. **Mounting:** Slide the XTRONS unit into the Single DIN slot. Ensure it is securely fastened using the provided installation tools.
4. **Adjust Screen Position:** The screen can be moved vertically within 50mm, tilted up to 46 degrees, and swiveled up to 22 degrees for optimal viewing. Adjust as needed after installation.

- Move Vertically within 50mm



- Tilt up to 46 Degree



- Swivel up to 22 degree

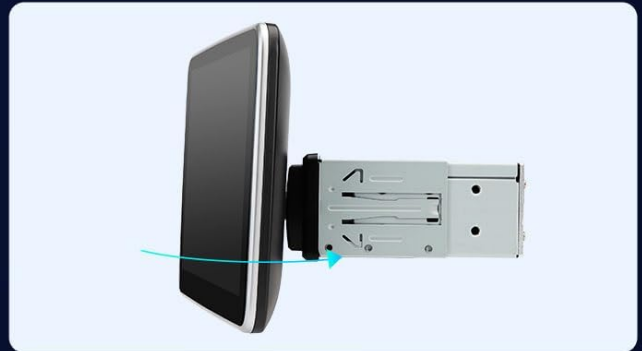


Figure 3.2: Screen adjustability features for optimal viewing angles.

3.3 Wiring Connections

Connect the provided ISO Wiring Harness to your vehicle's wiring. Refer to your vehicle's specific wiring diagram if necessary. Connect the 4G Antenna, GPS Antenna, Microphone, Camera Cable, SIM Card Slot Cable, and USB Cables to their respective ports on the head unit.

- **ISO Wiring Harness:** Connects power, ground, speaker outputs, and other standard connections.
- **4G Antenna:** For mobile data connectivity.
- **GPS Antenna:** For navigation accuracy.
- **Microphone:** For hands-free calling and voice commands.
- **Camera Cable:** For connecting a reversing or front camera (optional accessories).
- **SIM Card Slot Cable:** Insert a Micro-SIM card for 4G LTE connectivity.
- **USB Cables:** For connecting USB devices, charging, or wired Android Auto.
- **CANbus Cable:** Connect if your vehicle requires CANbus integration for steering wheel controls or other vehicle data.

4. INITIAL SETUP AND CONNECTIVITY

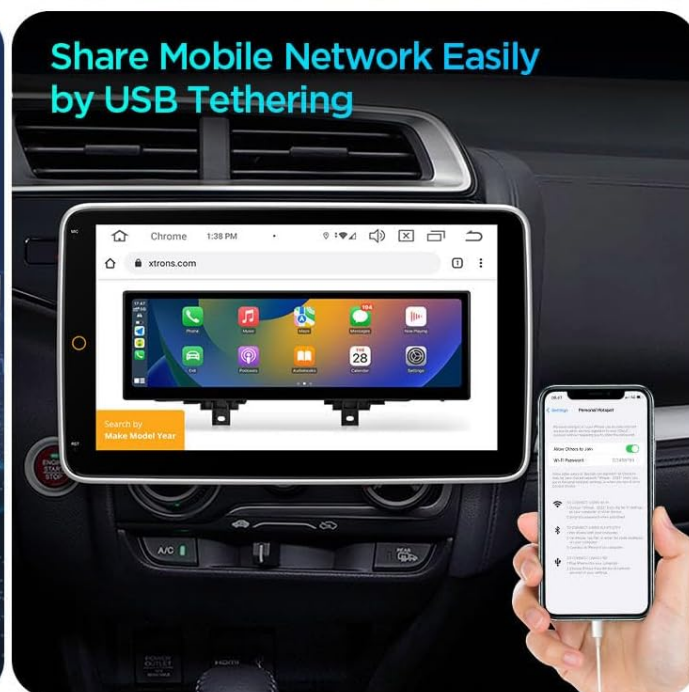
4.1 First Power On

After connecting all cables and reconnecting the vehicle battery, turn on your vehicle's ignition. The XTRONS unit should power on automatically. Follow the on-screen prompts for initial setup, including language selection and time zone.

4.2 Network Connection (4G LTE & Wi-Fi)

The unit supports both 4G LTE via a Micro-SIM card and Dual Band Wi-Fi (2.4GHz/5GHz) for internet access.

- **4G LTE:** Insert a Micro-SIM card into the dedicated slot. The unit will automatically detect and connect to the mobile network.
- **Wi-Fi:** Go to Settings > Network & Internet > Wi-Fi. Select your desired Wi-Fi network and enter the password to connect.
- **USB Tethering:** You can also share your mobile phone's internet connection via USB tethering.



5. OPERATING INSTRUCTIONS

5.1 Basic Navigation

The unit comes with built-in GPS and supports various Android-compatible navigation apps such as Google Maps, Sygic, and Waze. Download and install your preferred navigation app from the Google Play Store.

5.2 Audio Playback and DSP

Utilize the built-in DSP (Digital Signal Processor) to customize your audio experience. Access the DSP settings through the main menu to adjust equalizer, balance, fader, and other sound parameters.



Figure 5.1: QLED display clarity and Bluetooth 5.0 interface for audio and calls.

5.3 Smartphone Integration

The unit supports Wireless CarPlay, Wireless & Wired Android Auto, and Screen Mirroring for seamless smartphone integration.

- **Wireless CarPlay:** Connect your iPhone via Bluetooth for wireless CarPlay functionality.
- **Wireless & Wired Android Auto:** Connect your Android phone via Bluetooth for wireless Android Auto, or use a USB cable for a wired connection.
- **Screen Mirroring:** Mirror your smartphone's screen to the head unit via Wi-Fi connection.



Figure 5.2: Overview of smartphone connectivity features.

5.4 Steering Wheel Controls

If your vehicle supports it and the CANbus cable is connected, you can configure the unit to work with your vehicle's steering wheel controls. This allows for convenient adjustment of volume, track skipping, and other functions without taking your hands off the wheel.

6. ADVANCED FEATURES

6.1 Split Screen and Picture in Picture

The Android 14 operating system allows for enhanced multitasking:

- **Split Screen:** Run two applications side-by-side, for example, navigation on one side and a music player on the other.
- **Picture in Picture (PIP):** Keep a video playing in a small, movable window while using other applications on the main screen.

6.2 Off-Road Inclinometer Function

For off-road enthusiasts, the built-in high-precision gyroscope sensors provide real-time inclinometer information, displaying the vehicle's current ride height, roll, and pitch angles. This feature enhances driving safety and experience in challenging terrains.



Figure 6.1: Inclinometer information display for off-road use.

2 Sets of Stylish UI with Inclinator Display



Figure 6.2: Examples of stylish UI designs with integrated inclinometer display.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your XTRONS car stereo.

Problem	Possible Cause	Solution
Unit does not power on.	Incorrect wiring; Blown fuse; Vehicle battery disconnected.	Check all wiring connections, especially power and ground. Inspect vehicle fuses. Ensure battery is connected.
No sound from speakers.	Speaker wires incorrectly connected; Volume too low; Mute enabled.	Verify speaker wiring. Increase volume. Check if mute function is active.

Problem	Possible Cause	Solution
GPS signal weak or inaccurate.	GPS antenna not properly installed or obstructed.	Ensure GPS antenna is mounted in a clear location with an unobstructed view of the sky.
Bluetooth connection issues.	Bluetooth not enabled; Device not in pairing mode; Interference.	Ensure Bluetooth is enabled on both the unit and your device. Put device in pairing mode. Move closer to the unit.
Screen freezes or is unresponsive.	Software glitch; Overheating.	Perform a soft reset (refer to the unit's reset button location). If persistent, contact support.

8. SPECIFICATIONS

Detailed technical specifications for the XTRONS 10.1 Inch Universal Single Din Android 14 Car Stereo.

Feature	Specification
Model Number	DX121LGS
Operating System	Android 14
CPU	Octa-Core
RAM	4GB
ROM	64GB
Display Size	10.1 Inches
Display Type	QLED Multi-Touch Screen
Resolution	1280 x 720 pixels
Connectivity	4G LTE, Dual Band Wi-Fi (2.4GHz/5GHz), Bluetooth 5.0
GPS	Built-in GPS Navigation
Audio Output Mode	Stereo with Built-in DSP
Voice Command	Touchscreen, Microphone
Item Weight	6 pounds
Package Dimensions	12.8 x 9.84 x 8.07 inches

9. WARRANTY AND SUPPORT

9.1 Product Warranty

The XTRONS 10.1 Inch Universal Single Din Android 14 Car Stereo comes with a **1-year warranty** from the date of

purchase. This warranty covers manufacturing defects and malfunctions under normal use. It does not cover damage caused by improper installation, accidents, misuse, or unauthorized modifications.

9.2 Customer Support

For technical assistance, warranty claims, or any questions regarding your XTRONS product, please visit the official XTRONS website or contact their customer service department. Please have your model number (DX121LGS) and purchase details ready when contacting support.

XTRONS Official Store: [Visit XTRONS Store on Amazon](#)

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