

XTRONS DX121L-UK

XTRONS 10.1 Inch Rotatable QLED Display Android 13 Octa Core Car Stereo User Manual

Model: DX121L-UK

PRODUCT OVERVIEW

The XTRONS 10.1 Inch Rotatable QLED Display Car Stereo is a universal in-dash entertainment system designed for enhanced driving experience. It features an Android 13 operating system, an Octa Core processor, 4GB DDR4 RAM, and 64GB SSD ROM. Key functionalities include a rotatable 1280x720 QLED screen, built-in DSP for high-fidelity audio, 4G LTE modem, GPS navigation, Bluetooth 5.0, and dual-band WiFi. It supports CarAutoPlay, Android Auto, and screen mirroring, offering a comprehensive and adaptable user interface.



Front view of the XTRONS 10.1 Inch Rotatable QLED Display Car Stereo, showcasing its sleek design and vibrant screen.



An infographic detailing the automotive-grade hardware components, including the high-power amplifier, Bluetooth 5.0, dual-band WiFi, and aluminum heat sink.

KEY FEATURES

- **Android 13 Operating System:** Latest Android platform for a smooth and adaptive user experience.
- **QLED Rotatable 1280*720 Screen:** Maximizes viewing experience in both portrait and landscape orientations with gravity sensor.
- **Octa Core 4GB RAM 64GB ROM:** Supreme performance with a 12nm processor and 2.0 GHz frequency.
- **Built-in 4G LTE Modem:** Globally compatible for fast data speeds with a Micro-SIM card (not included).
- **Built-in DSP (Digital Signal Processor):** Enhances music fidelity with customizable presets and options.
- **CarAutoPlay & Android Auto:** Wireless CarAutoPlay via Bluetooth, and Wireless & Cable Android Auto via

Bluetooth & USB.

- **Gravity Sensor:** Automatically adjusts screen orientation for optimal viewing.
- **GPS Navigation:** Fast and accurate positioning supporting GPS+BDS, GPS+GLONASS, and GLONASS+BDS.
- **Bluetooth 5.0:** Stable audio transmission for hands-free calls and music streaming.
- **Dual Band WiFi:** Connects to 5.0 GHz for faster speeds or 2.4 GHz for longer range.
- **Steering Wheel Control:** Allows safe operation without distraction.
- **Multi-task Display & PIP:** Run two apps side by side and maintain consistent video watching with Picture-in-Picture.
- **2K Video Playback:** Smooth playback of various video formats up to 2K 60fps.

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.

The rotatable screen in both portrait (left) and landscape (right) orientations, demonstrating its adaptability for navigation and media consumption.

Automotive-Grade Octa Core Processor, Exceptional Stability and Efficiency

2.0GHz
12nm Processor

**OCTA
CORE**



**Operate effectively across a wide range
of ambient temperatures**

Visual representation of the 2.0 GHz 12nm Octa Core processor, highlighting its ability to operate effectively across a wide range of ambient temperatures (-30°C to +80°C).

Built-in AKM DSP Transform Every Drive into a Symphony



An image illustrating the built-in AKM DSP, showing an equalizer interface on the car stereo screen, symbolizing enhanced audio customization.

SETUP AND INSTALLATION

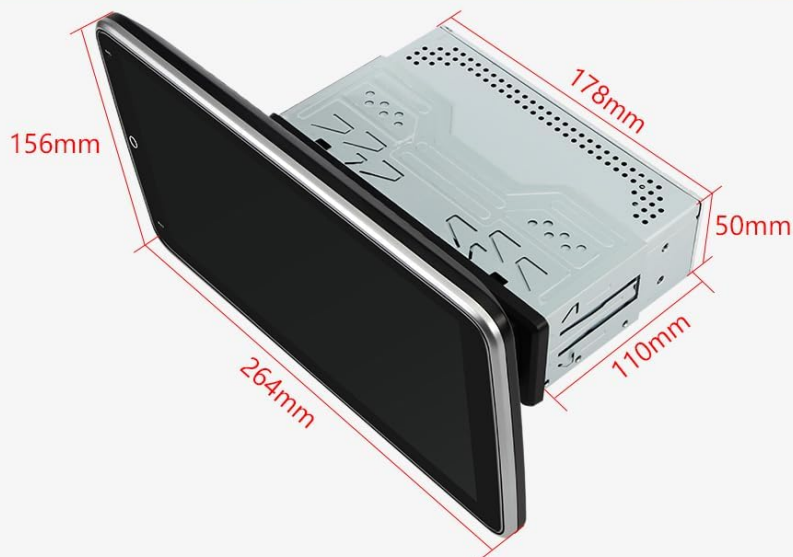
Package Contents

Please verify that all items listed below are included in your package:

- 1 x ISO Wiring Harness
- 1 x 4G Antenna
- 1 x GPS Antenna
- 1 x Camera Cable

- 1 x SIM Card Slot Cable
- 2 x USB Cable
- 2 x Installation Tool
- 1 x User Manual

Size



Accessories



1 x ISO Wiring Harness



1 x 4G Antenna



1 x GPS Antenna



1 x CANbus Cable



1 x Camera Cable



1 x Microphone



2 x USB Cable



1 x RCA Cables



2 x Installation Tool



1 x User Manual

A visual display of all included accessories: ISO Wiring Harness, 4G Antenna, GPS Antenna, Camera Cable, SIM Card Slot Cable, USB Cables, Installation Tools, and User Manual.

Compatibility Information

This unit is designed for a standard single DIN slot with dimensions of 50mm (Height) x 178mm (Width) x 110mm (Depth). Ensure your vehicle's dashboard opening matches these specifications for a direct mount and perfect fit.

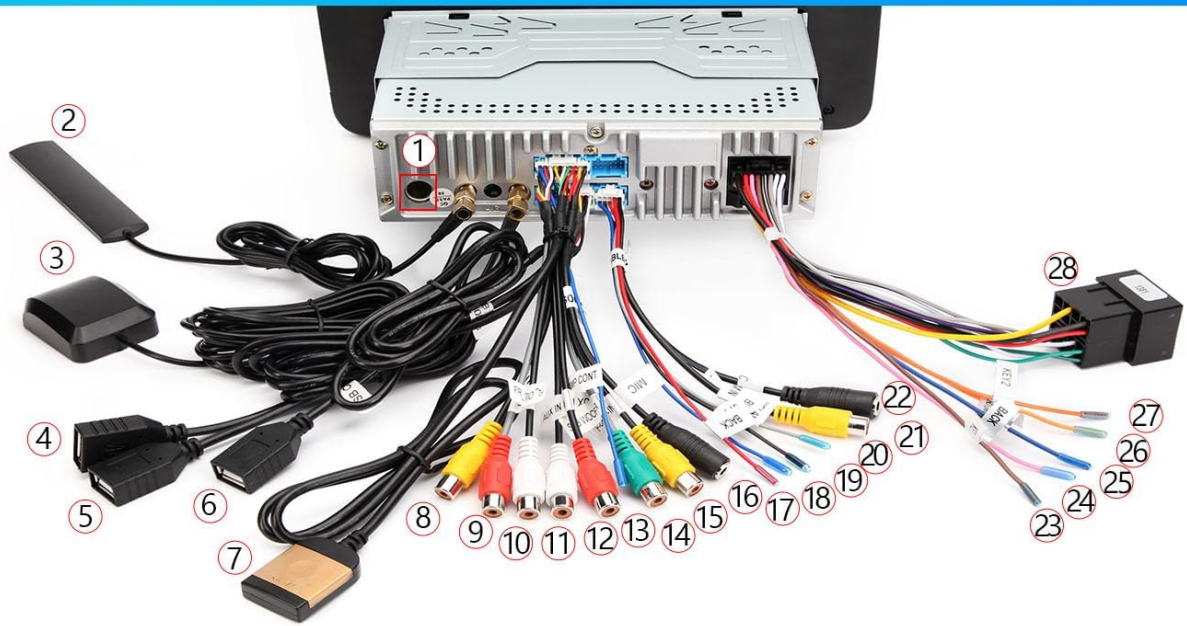


Comparison image showing a single DIN slot (left) and a double DIN slot (right), indicating that this unit is compatible with single DIN slots.
For double DIN slots, the XTRONS TX122L model is recommended.

Wiring Diagram

Refer to the following diagram for proper connection of all cables and components. Incorrect wiring can lead to malfunction or damage.

Wiring Diagram



1. Original Radio Antenna Port
2. 4G Antenna
3. GPS Antenna
4. USB Port 1
5. USB Port 2
6. USB Port 3
7. SIM Card Slot
8. AV-IN, Video Input
9. FR-OUT, Front Right Audio Output
10. FL-OUT, Front Left Audio Output
11. AUX IN L, Audio Input Left
12. AUX IN R, Audio Input Right
13. AMP CONT, Amplifier Control Cable
14. SUB WOOFER, Subwoofer Output

15. F-CAM-IN, Front DVR Video Input
16. MIC, External Microphone Port
17. BACK, Reversing Camera Power Cable
18. BT-ANT, Bluetooth Antenna
19. BRAKE, Brake In Cable
20. WIFI ANT, WiFi Antenna
21. CAM IN, Camera Input
22. IR Out
23. KEY-1, Steering Wheel Control Key1
24. BACK, Reverse Control Cable
25. ANT, Automatic Antenna Control
26. KEY-2, Steering Wheel Control Key2
27. ILLUMINATION, Illumination Cable
28. ISO Wiring Harness

Detailed wiring diagram showing the rear panel of the car stereo and numbered connection points for various cables including antennas, USB ports, audio inputs/outputs, and power harness.

1. Original Radio Antenna Port
2. 4G Antenna
3. GPS Antenna
4. USB Port 1
5. USB Port 2
6. USB Port 3
7. SIM Card Slot
8. AV-IN, Video Input
9. FR-OUT, Front Right Audio Output
10. FL-OUT, Front Left Audio Output
11. AUX IN L, Audio Input Left
12. AUX IN R, Audio Input Right
13. AMP CONT, Amplifier Control Cable
14. SUB WOOFER, Subwoofer Output

15. F-CAM-IN, Front DVR Video Input
16. MIC, External Microphone Port
17. BACK, Reversing Camera Power Cable
18. BT-ANT, Bluetooth Antenna
19. BRAKE, Brake In Cable
20. WIFI ANT, WiFi Antenna
21. CAM IN, Camera Input
22. IR OUT
23. KEY-1, Steering Wheel Control Key1
24. BACK, Reverse Control Cable
25. ANT, Automatic Antenna Control
26. KEY-2, Steering Wheel Control Key2
27. ILLUMINATION, Illumination Cable
28. ISO Wiring Harness

OPERATING INSTRUCTIONS

Basic Operation

Upon successful installation, power on the unit by turning your vehicle's ignition to the ACC or ON position. The unit will boot up to the main interface. Navigate through applications and settings using the touchscreen display. The intuitive XTRONS UI, built on the latest Android system, ensures a consistent and user-friendly experience.

Smartphone Connection

The unit offers multiple ways to connect your smartphone for enhanced functionality:

- **Wireless CarAutoPlay:** Connect your iPhone wirelessly via Bluetooth for seamless access to navigation, music, and messaging.
- **Android Auto:** Connect your Android phone wirelessly via Bluetooth or via USB cable for integrated access to Google Maps, music, and voice commands.
- **Screen Mirroring:** Wirelessly mirror your smartphone's screen content onto the head unit display via WiFi, allowing you to view apps and media directly.

Smartphone Connection



An image demonstrating the various smartphone connection options: CarAutoPlay (Wireless Bluetooth), Android Auto (Wireless Bluetooth & Cable USB), and Screen Mirroring (Wireless WiFi).

Audio Features

The built-in DSP and STMicroelectronics TDA7388 Amplifier Chip provide a superior audio experience. Utilize the DSP settings to customize your sound with various presets and equalization options. The 4x45W high-power amplifier ensures clear and authentic sound even at high volumes.

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. For stubborn smudges, a slightly damp cloth with a mild, non-abrasive cleaner can be used, but avoid spraying liquids directly onto the unit.

- **Temperature:** Avoid exposing the unit to extreme temperatures for prolonged periods. While designed to operate between -30°C and +80°C, prolonged exposure to direct sunlight or extreme cold can affect performance.
- **Connections:** Periodically check all cable connections to ensure they are secure and free from corrosion.
- **Software Updates:** Keep the system software updated to benefit from the latest features, improvements, and security patches. Refer to the XTRONS official website or support channels for update instructions.

TROUBLESHOOTING

If you encounter issues with your XTRONS car stereo, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Unit does not power on.	Incorrect wiring; Blown fuse; Vehicle ignition off.	Check power connections (ACC, B+, GND). Verify vehicle fuse and unit's fuse. Ensure ignition is on.
No sound output.	Speaker wires disconnected; Volume too low; Mute function active.	Check speaker connections. Increase volume. Disable mute. Verify amplifier connection if external.
GPS signal weak or lost.	GPS antenna improperly placed or connected; Obstruction.	Ensure GPS antenna is placed in an open area (e.g., dashboard) with clear sky view. Check antenna connection.
Bluetooth connection issues.	Bluetooth off on unit or phone; Pairing failed; Interference.	Ensure Bluetooth is enabled on both devices. Delete previous pairings and re-pair. Move closer to the unit.
Screen rotation not working.	Gravity sensor disabled; Physical obstruction.	Check settings to ensure gravity sensor or auto-rotation is enabled. Ensure no physical obstruction prevents rotation.

If the problem persists after attempting these solutions, please contact XTRONS professional service for further assistance.

SPECIFICATIONS

Feature	Detail
Product Dimensions	32.5 x 25 x 20.5 cm; 2.77 kg
Item Model Number	DX121L-UK
Operating System	Android 13
Processor	Octa Core, 2.0 GHz, 12nm
RAM	4GB DDR4

Feature	Detail
ROM	64GB SSD
Display	10.1 Inch Rotatable QLED, 1280x720 Resolution
Connectivity	4G LTE, Dual Band WiFi (2.4GHz/5.0GHz), Bluetooth 5.0
Audio Output Mode	Stereo, Surround (5.1 channel configuration)
Amplifier Chip	STMicroelectronics TDA7388 (4x45W)
Radio Chip	STMicroelectronics TDA7708 with RDS
Video Encoding	H.264, H.265/HEVC (up to 2K 60fps)
Compatible Devices	Smartphone, Mobile Phone, Speaker
Total HDMI Ports	1
Connector Type	HDMI, RCA

WARRANTY AND SUPPORT

XTRONS provides professional pre- and post-sales customer support for this product. The unit comes with **a1-year warranty** from the date of purchase.

For any questions, technical assistance, or warranty claims, please connect with XTRONS through Amazon email. Ensure you provide your product model number (DX121L-UK) and a detailed description of your inquiry to facilitate a prompt response.

Additional accessories such as DVRs, reversing cameras, OBD2 scanners, and TPMS are available from XTRONS to unlock further features and functionalities. Please refer to the product description for compatible accessory ASINs.

© 2024 XTRONS. All rights reserved.

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