

XTRONS TAD128

XTRONS TAD128 10.1-inch 2DIN Android Car Navigation System User Manual

Model: TAD128 | Brand: XTRONS

1. PRODUCT OVERVIEW

The XTRONS TAD128 is a state-of-the-art 10.1-inch 2DIN Android car navigation system designed to enhance your driving experience with advanced features and seamless connectivity. It integrates an ADAS driving support system, a high-resolution QLED touchscreen, and powerful Android processing for smooth operation.

Key Features:

- **ADAS Driving Support System:** Equipped with a dedicated dash cam for lane departure warnings, forward collision alerts, and pedestrian detection.
- **QLED Touchscreen:** 10.1-inch high-definition QLED display (1280x800 resolution) supporting 4K video playback, offering vibrant colors and clear visuals. Features a convenient volume knob for intuitive control.
- **Powerful Android System:** Runs on a robust 8-core processor with 4GB RAM and 64GB ROM for fast app launches and smooth video playback.
- **Wireless CarPlay & Android Auto:** Supports both wireless and wired connections for iPhone CarPlay and Android Auto, allowing seamless smartphone integration.
- **WiFi Tethering:** Connects to the internet via WiFi tethering, enabling access to Google Maps, YouTube, and other apps from the Play Store.
- **Versatile Connectivity:** Includes Bluetooth 5.4 for hands-free calls and music streaming, USB support up to 64GB, radio, and steering wheel control compatibility.

10.1" 2DIN ANDROIDカーナビ

XTRONS

ADAS 運転支援システム搭載



Image 1.1: Overview of the XTRONS TAD128 features, including ADAS camera, QLED screen, DSP, CarPlay, Android Auto, Bluetooth 5.4, and dual-band WiFi.

2. SETUP AND INSTALLATION

2.1 Package Contents

Before installation, please verify that all components are present in the package:

- Main Navigation Unit
- Wiring Harness
- ADAS Camera
- GPS Antenna
- USB Cables (x2)
- RCA Cable
- Camera Cable
- Rear Output Cable
- Mounting Brackets (x2)
- Mounting Screws (x8)
- Adhesive Pad
- Installation Notes
- User Manual (English/Japanese PDF available)

サイズ



付属品



1 x ADASカメラ



1 x ISOケーブル



1 x カメラケーブル



1 x RCAケーブル



2 x USBケーブル



1 x GPSアンテナ



1 x リア出力ケーブル



1 x 粘着パッド



2 x 取付用具



8 x 取付ネジ



1 x 取付注意書き



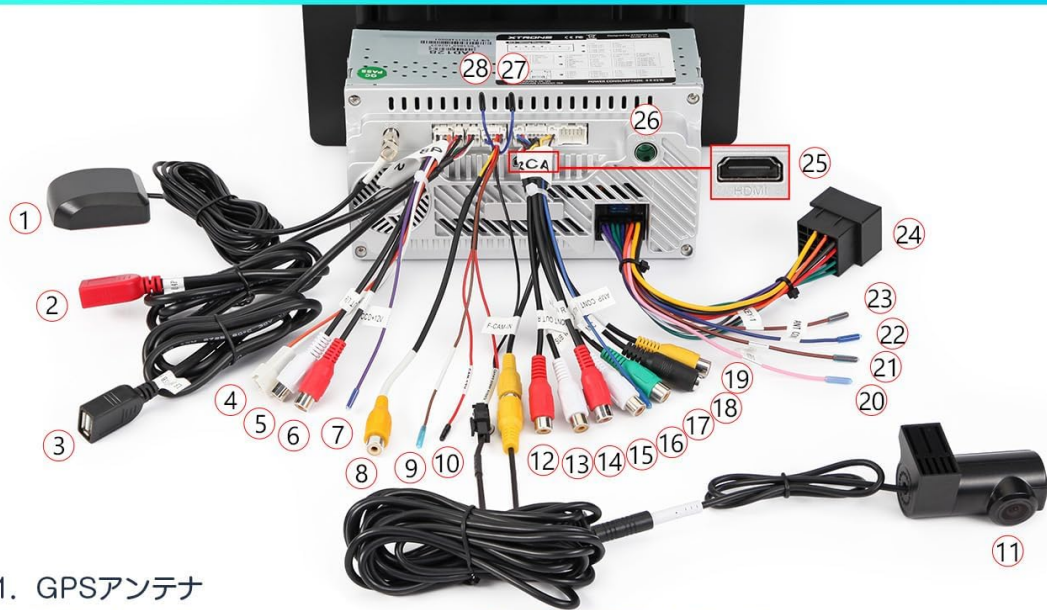
1 x 取扱説明書 (英語、日本語版
PDFダウンロード可)

Image 2.1: Visual representation of the XTRONS TAD128 package contents, showing the main unit, various cables, ADAS camera, GPS antenna, mounting brackets, and screws.

2.2 Wiring Diagram

Refer to the following diagram for proper wiring connections. Ensure all connections are secure before powering on the device.

配線説明図



- | | |
|---------------------|--------------------------------------|
| 1. GPSアンテナ | 16. アンプコントロール |
| 2. USBポート1 | 17. サブウーファー出力 |
| 3. USBポート2 | 18. 外付マイク用端子 |
| 4. CANbus TX-RX(無効) | 19. ビデオ入力 |
| 5. 音声出力 (後左) | 20. リバーシ信号用配線 |
| 6. 音声出力 (後右) | 21. ステアリングコントロールKEY1 (5V) |
| 7. 前カメラ電源12V | 22. オートアンテナ |
| 8. バックカメラ映像入力 | 23. ステアリングコントロールKEY2 (5V) |
| 9. ブレーキ信号用配線 | 24. ISO電源ケーブル |
| 10. カメラ電源12V | 25. HDMI入力ポート
(デバイスにより音声途切れが発生可能) |
| 11. ADASカメラ | 26. ラジオアンテナポート |
| 12. 音声出力 (前右) | 27. WiFiアンテナ |
| 13. 音声出力 (前左) | 28. Bluetoothアンテナ |
| 14. 音声入力 (右) | |
| 15. 音声入力 (左) | |

Image 2.2: Detailed wiring diagram for the XTRONS TAD128 unit, illustrating connections for GPS antenna, USB ports, CANbus, audio outputs, camera power, ADAS camera, video input, steering wheel controls, ISO power, HDMI, radio, WiFi, and Bluetooth antennas.

2.3 Installation Steps

The TAD128 unit is designed for easy installation into a standard 2DIN slot. Follow these general steps:

- 1. Prepare the Dashboard:** Ensure your vehicle's dashboard has a standard double DIN opening (178mm x 100mm) to accommodate the unit.
- 2. Connect Cables:** Connect the main wiring harness, ADAS camera, GPS antenna, and other necessary cables as per the wiring diagram.
- 3. Mount the Unit:** Secure the main unit into the dashboard opening using the provided mounting brackets and screws.
- 4. Attach the Display:** Connect the 10.1-inch display to the main unit. The display offers adjustable angles for optimal viewing.
- 5. Test Functionality:** Power on the vehicle and test all functions of the navigation system, including audio, navigation, and connectivity.

Your browser does not support the video tag.

Video 2.1: This video demonstrates the assembly and installation process for a 10.1-inch car navigation unit, including checking compatibility with the vehicle's dashboard opening and securing the unit.

3. OPERATING INSTRUCTIONS

3.1 Basic Operation

The 10.1-inch QLED touchscreen provides an intuitive interface. Use the touch controls or the physical volume knob for quick adjustments. The display's floating structure allows for angle adjustments to suit your preference.



Image 3.1: The XTRONS TAD128 features a 10.1-inch QLED touchscreen with adjustable viewing angles and convenient physical buttons and a volume knob for easy operation.

3.2 CarPlay & Android Auto

Connect your iPhone or Android smartphone wirelessly or via USB to access CarPlay or Android Auto. This allows you to use navigation, make calls, send messages, and play music directly from your phone on the car's display.

Your browser does not support the video tag.

Video 3.1: This video explains how to use Wireless CarPlay and Android Auto features with the UX7SJ-PLUS unit, demonstrating smartphone integration for navigation, calls, and music.

3.3 Audio Settings (DSP)

Utilize the built-in Digital Sound Processor (DSP) to customize your audio experience. Adjust equalizer settings, balance, fader, and subwoofer output to achieve optimal sound quality.



Image 3.2: The XTRONS TAD128's DSP interface, showing advanced audio customization options for an enhanced listening experience.

3.4 GPS Navigation

The unit supports GPS navigation. Download your preferred navigation apps from the Play Store and enjoy accurate, real-time directions. The 10.1-inch screen provides a clear view of maps.



Image 3.3: The XTRONS TAD128 displaying a GPS navigation map, highlighting its capability for precise positioning and route guidance.

3.5 Steering Wheel Control

Connect your vehicle's steering wheel controls to the unit for convenient and safe operation of audio and other functions without taking your hands off the wheel.

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Video 3.2: This video demonstrates the connection and setup method for steering wheel remote controls with the UX7AJ-PLUS unit, allowing for convenient operation while driving.

4. MAINTENANCE

To ensure the longevity and optimal performance of your XTRONS TAD128 unit, follow these maintenance guidelines:

- **Screen Cleaning:** Use a soft, lint-free cloth to gently wipe the touchscreen. For stubborn smudges, slightly dampen the cloth with water or a screen-safe cleaner. Avoid harsh chemicals or abrasive materials.
- **Temperature Control:** Avoid exposing the unit to extreme temperatures (very hot or very cold) for extended periods, as this can affect performance and lifespan.
- **Software Updates:** Regularly check for and install software updates to ensure the system runs efficiently and has the latest features and security patches.
- **Cable Connections:** Periodically check all wiring connections to ensure they are secure and free from damage.

5. TROUBLESHOOTING

If you encounter any issues with your XTRONS TAD128, refer to the following common troubleshooting tips:

- **No Power:** Check all power connections and ensure the vehicle's ignition is on. Verify the fuse in the wiring harness is intact.
- **No Sound:** Check speaker connections, volume levels, and audio settings (including DSP). Ensure the correct audio source is selected.
- **Touchscreen Unresponsive:** Try restarting the unit. If the issue persists, perform a factory reset (refer to the full user manual for instructions).
- **GPS Signal Lost:** Ensure the GPS antenna is properly installed and has a clear view of the sky. Check navigation app settings.
- **CarPlay/Android Auto Connection Issues:** Verify your smartphone's Bluetooth and WiFi are enabled. For wired connections, ensure the USB cable is functioning correctly. Try restarting both the unit and your phone.
- **ADAS Camera Not Working:** Check the ADAS camera connection and ensure the dedicated app is running.

For more detailed troubleshooting or persistent issues, please contact XTRONS customer support.

6. SPECIFICATIONS

Feature	Specification
Brand	XTRONS
Model Name	TAD128
Screen Size	10.1 inches
Display Type	QLED LCD
Resolution	1280x800
Connectivity Technology	Bluetooth 5.4, Wi-Fi (2.4GHz & 5GHz)
Processor	8-core
RAM	4GB
ROM	64GB
Map Type	Supports online Google Maps and other compatible apps
Mounting Type	Dashboard Mount (2DIN)
Product Dimensions (L x W x H)	26.5 x 18 x 16 cm
Product Weight	2.74 kg
Included Components	Navigation unit, wiring harness, ADAS camera

7. WARRANTY AND SUPPORT

7.1 Warranty Information

This navigation unit comes with a **1-year warranty** from the date of shipment. Please retain your proof of purchase for warranty claims.

7.2 Customer Support

An electronic version of the Japanese instruction manual (PDF) is available upon request. If you have any questions, concerns, or require assistance with your product, please contact XTRONS customer support via email. We are always happy to help.