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> [XTRONS 10.1-inch 2DIN Android14 Car Navigation System User Manual \(Model: TX123GS\)](#)

XTRONS TX123GS

XTRONS 10.1-inch 2DIN Android14 Car Navigation System

Model: TX123GS

Brand: XTRONS

INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your XTRONS TX123GS 10.1-inch 2DIN Android14 Car Navigation System. Please read this manual thoroughly before using the product to ensure proper functionality and safety. Keep this manual for future reference.

KEY FEATURES

- **Android 14 Operating System:** Powered by a robust 8-core processor with 4GB RAM and 64GB ROM for fast app launches and smooth video playback.
- **10.1-inch QLED Display:** Ultra-high quality 1280x720 QLED screen for a cinematic visual experience.
- **Built-in DVD Player:** Enjoy your favorite DVDs directly on the large screen.
- **4G Communication & SIM Support:** Integrated 4G module allows internet access via a micro SIM card. Supports Wi-Fi and USB tethering for flexible connectivity.
- **Gyroscope & Adjustable Monitor:** Features a gyroscope for tilt information display, ideal for off-road use. The 10.1-inch monitor can be rotated and adjusted vertically (within 50mm) to avoid obstructing controls like DVD insertion or air conditioning vents.
- **CarPlay & Android Auto:** Supports wireless iPhone CarPlay and wireless/wired Android Auto for seamless smartphone integration. (Note: Video apps are not supported via CarPlay/Android Auto).
- **Screen Mirroring:** Mirror your smartphone's photos, music, and videos directly to the navigation unit.
- **Multi-Window Display:** Run two applications simultaneously on the screen for enhanced multitasking.
- **Bluetooth 5.0:** Hands-free calling and Bluetooth audio streaming.
- **Steering Wheel Control:** Compatible with steering wheel controls for easy operation without distraction.
- **GPS Navigation:** Download your preferred navigation apps from the Play Store for online map usage.
- **Full-Seg Digital TV Tuner:** High-sensitivity 4x4 full-seg tuner for enjoying TV on the 10.1-inch screen. Digital TV can be operated via app linkage or directly on the unit.
- **PDF Japanese Manual & 1-Year Warranty:** A PDF Japanese instruction manual is available for download. The product comes with a 1-year warranty.

SETUP AND INSTALLATION

Product Dimensions

Ensure your vehicle has a standard double DIN space (100mm height x 178mm width x 153mm depth) for proper installation.

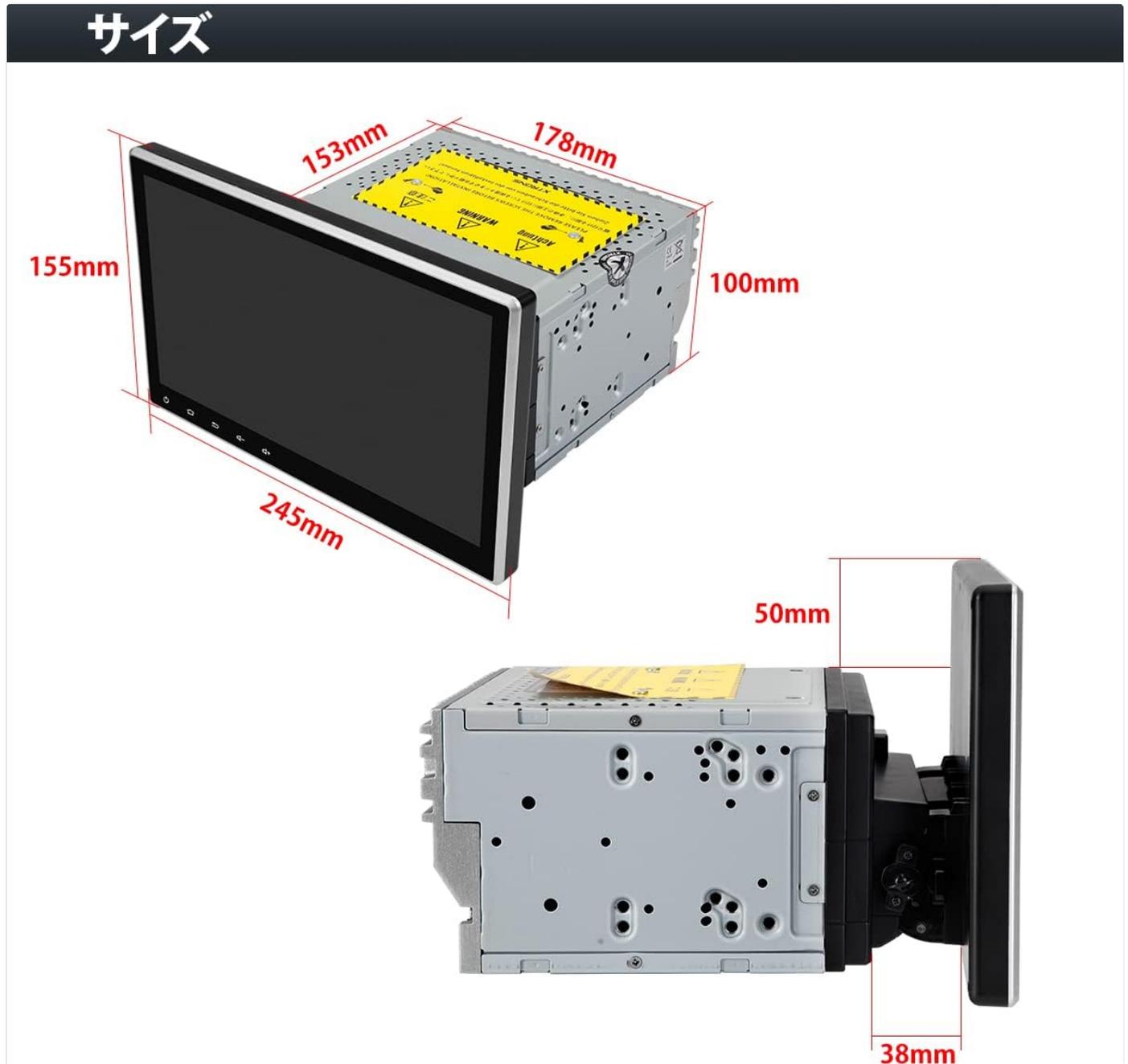


Figure 1: Front and side dimensions of the TX123GS unit. The main unit measures 178mm (width) x 100mm (height) x 153mm (depth). The screen extends 245mm in width and 155mm in height from the main unit, with a screen thickness of 38mm and a mounting depth of 50mm.



Figure 2: Detailed dimensions of the unit and a list of included accessories.

Monitor Attachment (4 Steps)

1. Connect the cable from the main unit to the monitor.
2. Align the monitor's rear bracket with the main unit's bracket.
3. Pull the two clips on the back of the monitor to both sides, then slide the monitor onto the main unit's bracket from above.
4. Release the clips at a suitable position to complete the attachment.

Caution: Do not power on the main unit when attaching the monitor. Ensure the red ACC wiring is not energized during attachment.



Figure 3: Visual guide for monitor attachment.

Wiring Diagram

Refer to the diagram below for correct wiring connections. Improper wiring can lead to malfunctions.

配線図



- | | | |
|-------------------|-----------------|--------------------------|
| 1. 4Gアンテナ | 11. 音声出力 (前右) | 21. JT2HD用タッチ連動 |
| 2. GPSアンテナ | 12. 音声入力 (右) | 22. ブレーキ信号用配線 |
| 3. USBポート | 13. ビデオ入力 | 23. バックカメラ映像入力 |
| 4. Carplay用USBポート | 14. サブウーファー出力 | 24. ステアリングコントロールKEY1(5V) |
| 5. カメラ電源12V | 15. 音声出力 (前左) | 25. オートアンテナ |
| 6. 音声出力 (後右) | 16. フロントカメラ映像入力 | 26. ステアリングコントロールKEY2(5V) |
| 7. 音声出力 (後左) | 17. SIMカードスロット | 27. リバース信号用配線 |
| 8. 同軸デジタル出力 | 18. 外付マイク用端子 | 28. ISO電源ケーブル |
| 9. アンプコントロール | 19. WiFiアンテナ | 29. ラジオアンテナポート |
| 10. 音声入力 (左) | 20. カメラ電源12V | |

ISO電源ケーブル

黄：バッテリー電源プラス極に繋ぐ
 黒：アース・バッテリー電源マイナス極に繋ぐ
 赤：ACC・アクセサリ電源に繋ぐ
 オレンジ：イルミネーション
 紫：後右スピーカー+
 紫・黒：後右スピーカー-

灰色：前右スピーカー+
 灰色・黒：前右スピーカー-
 白：前左スピーカー+
 白・黒：前左スピーカー-
 緑：後左スピーカー+
 緑・黒：後左スピーカー-

Figure 4: Main wiring connections for the TX123GS unit.



Figure 5: Detailed wiring diagram including ISO power cable connections and pin assignments.

Included Accessories

- 1 x ISO Cable
- 1 x SIM Card Slot
- 1 x 4G Antenna
- 1 x WiFi Antenna
- 2 x USB Cables
- 1 x GPS Antenna
- 2 x Mounting Brackets
- 8 x Mounting Screws
- 1 x External Microphone (3M)
- 1 x Camera Cable
- 1 x User Manual (English, Japanese PDF downloadable)
- 1 x Installation Notes

OPERATING INSTRUCTIONS

Basic Operation

The XTRONS TX123GS operates like a tablet, allowing intuitive touch control for various functions. The Android 14 interface is designed for ease of use and customization.

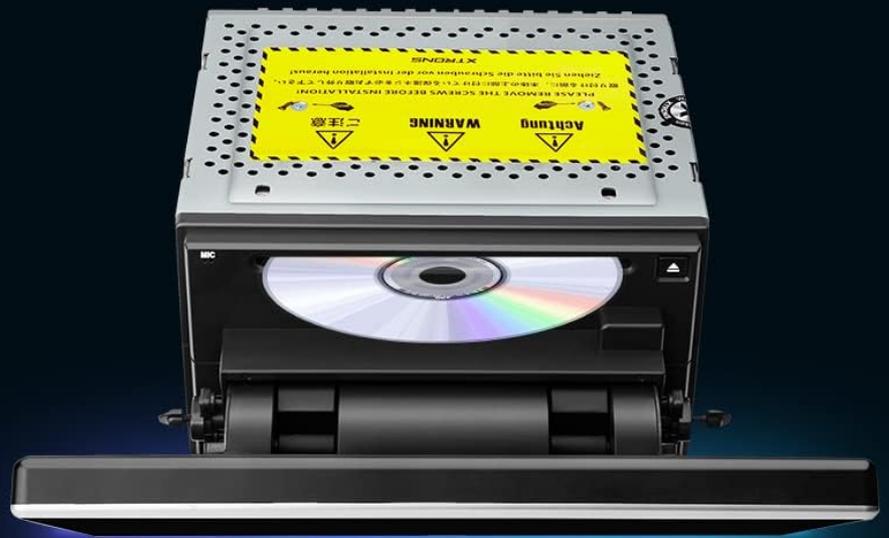


Figure 6: Main interface with app icons for navigation, radio, video, music, Bluetooth, and more.

DVD Playback

The unit features a built-in DVD player. Simply insert a DVD into the slot to begin playback. The adjustable monitor angle ensures optimal viewing.

DVDプレーヤー内蔵

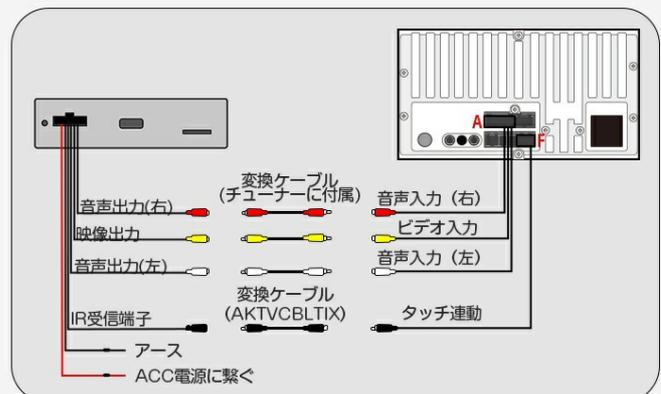


調整可能なモニター角度



Figure 7: The integrated DVD player allows direct disc playback.

テレビ視聴可能 XTRONS JT2HDを取り付け テレビタッチ操作可能



※上記の接続方法でJT2HDのリモコンでテレビの操作ができなくなり、タッチ操作のみになります。ご注意ください。

Figure 8: Built-in DVD player and monitor position adjustment to prevent obstruction.

4G, Wi-Fi, and USB Tethering

The TX123GS supports 4G communication via a micro SIM card inserted into the dedicated slot. Alternatively, you can connect to the internet using Wi-Fi tethering or USB tethering from your smartphone. This allows access to online maps, YouTube, and other apps from the Play Store.

4Gモジュール内蔵
MediaTek CAT7 Modem

4G LTE

通信速度(下り)
最大300Mbps

WiFiテザリング

USBテザリング

THE NEW PQS SERIES
WITH ANDROID 11

Figure 9: 4G module with SIM card slot, Wi-Fi, and USB tethering options.

回転可能モニターから更なる視野角



Figure 10: High-speed internet access via 4G/LTE, Wi-Fi, or USB tethering.

CarPlay and Android Auto

Connect your iPhone wirelessly for CarPlay or your Android smartphone wirelessly/wired for Android Auto. This allows you to display and control compatible phone apps on the unit's screen. (Note: Video applications are not supported through CarPlay or Android Auto functionality).

ワイヤレスCarPlay／Android Auto／ミラーリング対応



Figure 11: Wireless CarPlay, Android Auto, and screen mirroring options.



Figure 12: Seamless integration with Apple CarPlay and Android Auto for navigation, calls, and music.

Screen Mirroring

Use the built-in screen mirroring app to display content from your smartphone, such as photos, music, and videos, directly onto the navigation unit's screen.

スクリーンミラーリング

スマホの画面をモニターに映せます

ステアリングコントロール

目を逸らさずにステアリングボタンで簡単操作

Bluetooth 5.0対応

ハンズフリー通話 | オーディオストリーミング

GPSナビゲーション

ストアからナビアプリをダウンロードして使用可

Figure 13: Screen mirroring allows displaying smartphone content on the unit.

高精細 QLEDタッチスクリーン
1280*720高解像度、2Kまでのビデオも再生可能

QLED 1280x720
スクリーン 高解像度



Figure 14: Wireless screen mirroring for displaying smartphone content.

Multi-Window / Picture-in-Picture (PIP) Mode

The multi-window feature allows you to run two applications simultaneously on the screen, such as navigation and a video player, for enhanced multitasking.

4G/LTE通信モジュール内蔵 WiFi/USBテザリング対応

MediaTek CAT7 Modem
300 Mbps
通信速度(下り) 最大300Mbps
2.4 GHz
5 GHz
WIFI
TO CONNECT USING USB
1. Plug iPhone/Android phone into the USB port of the unit.
2. For iPhone, turn on the option "Allow Others to Join". For Android phone, turn on the option "USB Tethering".

Figure 15: Multi-window mode allows running two apps side-by-side.

Audio Features (Bluetooth 5.0 & DSP)

Enjoy high-quality audio with Bluetooth 5.0 for hands-free calls and music streaming. The built-in DSP (Digital Signal Processor) allows for advanced sound customization with an equalizer to optimize your audio experience.



Figure 16: Bluetooth 5.0 for calls and music, and DSP for sound adjustments.

Steering Wheel Control

The unit supports steering wheel controls, allowing you to manage various functions without taking your hands off the wheel. This enhances safety and convenience.



Figure 17: Steering wheel remote control for easy access to functions.

Your browser does not support the video tag.

Video 1: Demonstrates how to set up steering wheel controls for the G10 Android car navigation system. This process is similar for the TX123GS model.

GPS Navigation

Utilize the built-in GPS by downloading your preferred navigation applications from the Google Play Store. This allows for real-time traffic updates and accurate route guidance.

ご購入前にご確認ください！

本商品は標準ダブルDINサイズです。
100mm（高さ）x178mm（幅）x153mm（奥行）



✓ 2DINスペース

178x100mmのスペースにのみ
取り付け可能。



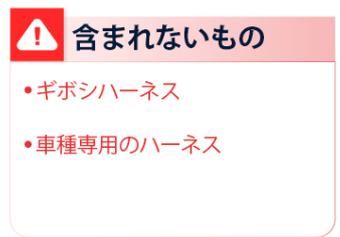
✗ 1DINスペース

1DINスペースである場合、**XTRONS
DX121LGS**をご確認ください。



☀ 含まれるもの

- ISO規格電源ケーブル



⚠ 含まれないもの

- ギボシハーネス
- 車種専用のハーネス

★ 本商品に適用のギボシハーネス（MA-ISO）は別売りです。ご必要の場合はストア内でご検索、またはお問い合わせください。

Figure 18: GPS navigation interface with support for various map applications.

Digital TV (Full-Seg)

The TX123GS includes a 4x4 high-sensitivity full-seg digital TV tuner, allowing you to watch television on the 10.1-inch screen. TV functions can be controlled via a dedicated app or directly on the unit.



Figure 19: Digital TV viewing with touch control.

Rear Camera Support

The unit supports AHD 1080P rear cameras (sold separately) for clear rear view during parking. This feature significantly enhances safety and convenience.

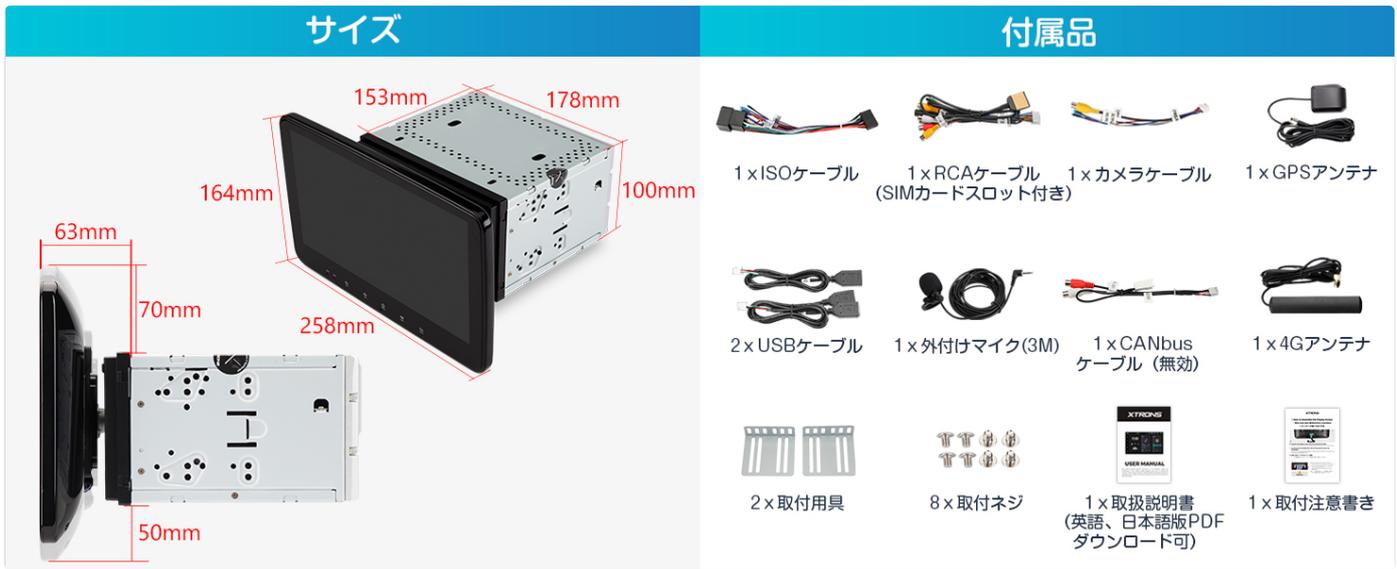


Figure 20: Rear camera view with parking guidelines.

Your browser does not support the video tag.

Video 2: Demonstrates the installation method for a backup camera with the UX7SKJ-PRO-MAX, which is similar for the TX123GS model.

Optional Accessories (OBD2, DVR, TPMS)

Enhance your driving experience with optional accessories such as OBD2 diagnostic tools, drive recorders (DVR), and Tire Pressure Monitoring Systems (TPMS). These are sold separately.

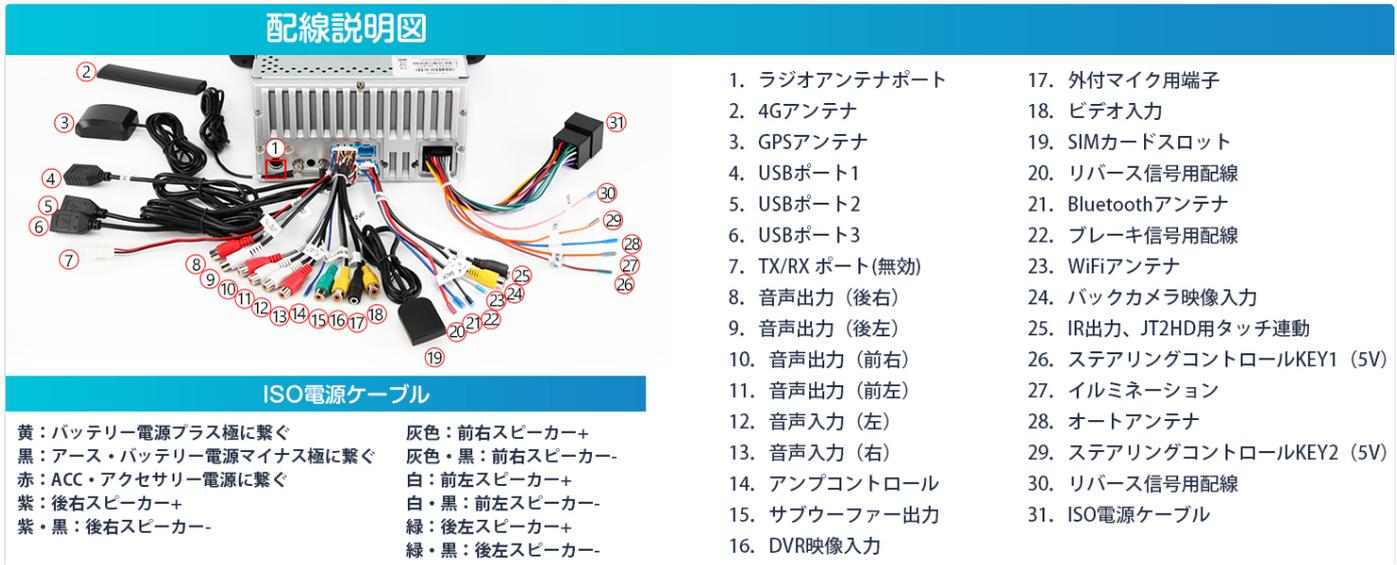


Figure 21: Optional accessories including OBD2, DVR, and TPMS.

SPECIFICATIONS

Feature	Description
Screen Size	10.1 inches
Display Type	QLED, 1280x720 Resolution
Tuner Type	Full-Seg Digital TV (4x4)
Map Type	Street (via downloadable apps)

Product Model Number	TX123GS
Brand	XTRONS
Compatible Vehicle Type	Passenger Car
Features	4x4 Digital TV Tuner, Hands-free Calling, Gyroscope, Adjustable Monitor
Connectivity Technology	USB, Wi-Fi, Bluetooth 5.0, 4G (SIM support)
Mounting Type	Panel Mount (2DIN)
Memory Storage Capacity	64 GB ROM, 4 GB RAM
Touch Screen Type	Capacitive

TROUBLESHOOTING

If you encounter any issues with your XTRONS TX123GS, please refer to the following common solutions. For more detailed troubleshooting, consult the downloadable PDF manual or contact customer support.

Common Issues and Solutions:

- **Slow Startup or App Performance:** The unit features an 8-core processor with 4GB RAM. While generally smooth, performance can be affected by too many background apps or large data loads. Close unused applications to improve responsiveness.
- **Display Resolution/Quality:** The unit has a 1280x720 QLED display. If the image appears rough or low quality, ensure the video source is of sufficient resolution.
- **Audio Sync Issues (e.g., with TV tuner):** If audio and video are out of sync, especially with the digital TV tuner, this might be due to signal processing. Ensure a strong signal and try restarting the application or unit.
- **Radio Frequency Issues:** Ensure the radio frequency settings are correctly configured for your region. If the unit cannot tune to local Japanese frequencies, check the settings or consult the manual for region-specific adjustments.
- **No Image on Rear Camera / Black Screen on Reverse:**
 - a. **Power cable connection is unstable:** Ensure all power connections are secure.
 - b. **Wiring is disconnected or interface is not fully connected:** Check all wiring, especially the RCA connectors. For rear cameras, ensure the yellow RCA interface is used.
 - c. **Incorrect RCA interface connection:** Rear cameras typically use the yellow RCA interface. Connecting to other video input interfaces may not work.
 - d. **Video signal incompatibility:** Most Japanese market monitors and navigation systems support NTSC (CVBS) video signals. If your camera uses a different signal (e.g., PAL), it might not be compatible.
 - e. **Trigger wire error:** Ensure the rear camera's trigger wire (typically connected to the reverse light +12V) and the monitor's reverse signal wire are correctly connected.

Your browser does not support the video tag.

Video 3: General solutions for common problems, including image display issues and wiring checks.

Your browser does not support the video tag.

Video 4: Demonstrates UI upgrade methods for UX6SKJ-PRO-MAX, which may be relevant for system updates on TX123GS.

MAINTENANCE

To ensure the longevity and optimal performance of your XTRONS TX123GS, follow these general maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the screen and unit. Avoid abrasive cleaners or solvents.
- **Software Updates:** Regularly check for and install system updates to ensure the latest features and security patches.
- **Environmental Conditions:** Avoid exposing the unit to extreme temperatures, direct sunlight for prolonged periods, or excessive moisture.
- **Cable Connections:** Periodically check all cable connections to ensure they are secure and free from damage.

WARRANTY AND SUPPORT

Your XTRONS TX123GS comes with a 1-year warranty. For any questions or issues, please contact XTRONS customer support via email.

A detailed PDF version of the Japanese instruction manual can be downloaded from the official XTRONS website:

<https://user-manuals.xtrons.com/community/index.php/user-manuals-japanese/>