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› ATOTO S8 Gen4 11.5-inch 2K QLED Android Car Navigation System User Manual

ATOTO S8

ATOTO S8 Gen4 11.5-inch 2K QLED Android Car Navigation System User Manual

Model: S8

INTRODUCTION

This manual provides comprehensive instructions for the ATOTO S8 Gen4 11.5-inch 2K QLED Android Car Navigation System. Please read this manual thoroughly before installation and operation to ensure proper use and to maximize the product's capabilities. Keep this manual for future reference.

KEY FEATURES

- **Always-On Online Connectivity:** Supports 4G LTE (SIM card required), USB tethering, and Bluetooth tethering for continuous internet access, even when Wireless CarPlay or Android Auto is active.
- **High-Performance MTK MT8768 Chip:** Equipped with a premium Octa-Core SoC (up to 2.2GHz) and 4GB RAM + 64GB ROM for ultra-fast response and smooth multitasking, handling demanding applications like recording, AI, navigation, and streaming simultaneously.
- **11.5-inch 2K QLED Display & Intuitive UI:** Features a 2000x1200 resolution QLED display for vivid and immersive visuals. The customizable main screen with widgets and large dual physical knobs allows for intuitive control and information checking without diverting attention from driving.
- **All-Round Driving Protection:** Supports front and rear dashcam recording, accident lock storage, real-time rear view, 24-hour parking surveillance, and TrackHU vehicle tracking. (Dedicated cameras like AC-HD30FHU are required for dashcam functionality).
- **DriveChat & Agentic AI:** An AI driving assistant powered by ChatGPT 5.2 and Gemini 3.0, offering natural language interaction for route guidance, real-time information, and reminders via voice commands, minimizing manual operation while driving.
- **High-Quality Audio & Clear Calls:** Powerful DSP for customizable sound tuning with a 32-band EQ. Dual microphones enhance hands-free call clarity. The built-in amplifier drives factory speakers effectively, and 4V pre-outs deliver a strong, clear signal to external amplifiers.
- **Bluetooth IoT Hub & Privacy Protection:** Expands in-car entertainment by connecting various Bluetooth IoT devices like ambient lights and LED displays. Automatic lock/unlock features protect account information when leaving or returning to the vehicle.
- **Reliable System & Long-Term Support:** ATOTO has over 10 years of experience in car electronics. The product supports

OTA (Over-The-Air) updates for continuous feature improvements and optimization. Includes a 12+6 month warranty and dedicated support.

SETUP

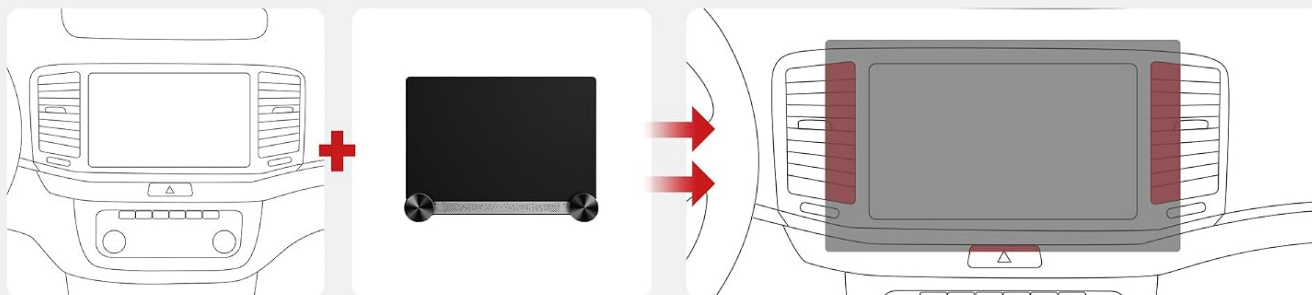
1. Package Contents

Verify that all components are present in the package:

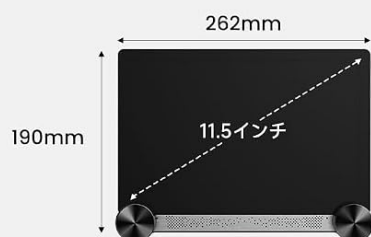
- ATOTO S8 Gen4 Head Unit
- 16-pin Power Harness
- GPS Antenna
- Backup Camera Connection Cable
- USB to 4-pin Conversion Cable (x2)
- Mounting Bracket
- Mounting Screws
- 4G Antenna
- RCA Cable
- External Noise-Cancelling Microphone
- Non-Glare LCD Film (x2)
- Rear L/R Audio Output Cable
- Online Quick Guide
- Online Support Information



一部の車種では、画面のサイズにより エアコン吹き出し口や操作部の一部がわずかに隠れる場合があります。
購入前に必ず お車のダッシュボード形状と、本製品の寸法 をご確認ください、重要な操作部に手が届きにくくならないことをご確認ください。



同梱物一覧



※記載の寸法には±1mm程度の誤差が生じる場合があります。



16ピン
電源ハーネス



GPSアンテナ



バックカメラ
接続ケーブル



USB→4ピン
変換ケーブル



USB→6ピン
変換ケーブル



取り付け用
ブラケット



取り付け用
ネジ式



4Gアンテナ



RCAケーブル



外付けノイズキャン
セリングマイク



液晶保護フィルム
(2枚)



リア L/R オーデ
ィオ出力ケーブル



オンラインク
ィックガイド



オンライン
サポート案内

Image: Overview of included accessories for the ATOTO S8 Gen4 unit.

2. Installation Considerations

Before installation, ensure the unit's dimensions are compatible with your vehicle's dashboard. Confirm that the screen does not obstruct air vents, buttons, or other controls, and that sufficient operating space is available. Some vehicles may require modifications for proper fitment.

EdgeFit・11.5インチ取付スタイルーダッシュボードをすっきり美しく



取り付け前に、画面が周辺のエアコン吹き出し口、ボタン、各種操作部と干渉しないこと、
また通常操作に十分な指の可動スペース（操作スペース）が確保されていることをご確認ください。



Image: Guide illustrating the dimensions and necessary clearance for installation, showing how the 11.5-inch display extends beyond a standard 2DIN opening.

3. Wiring Diagram

Refer to the following diagram for correct wiring connections. Ensure all connections are secure before powering on the device. Incorrect wiring can cause damage to the unit or vehicle.

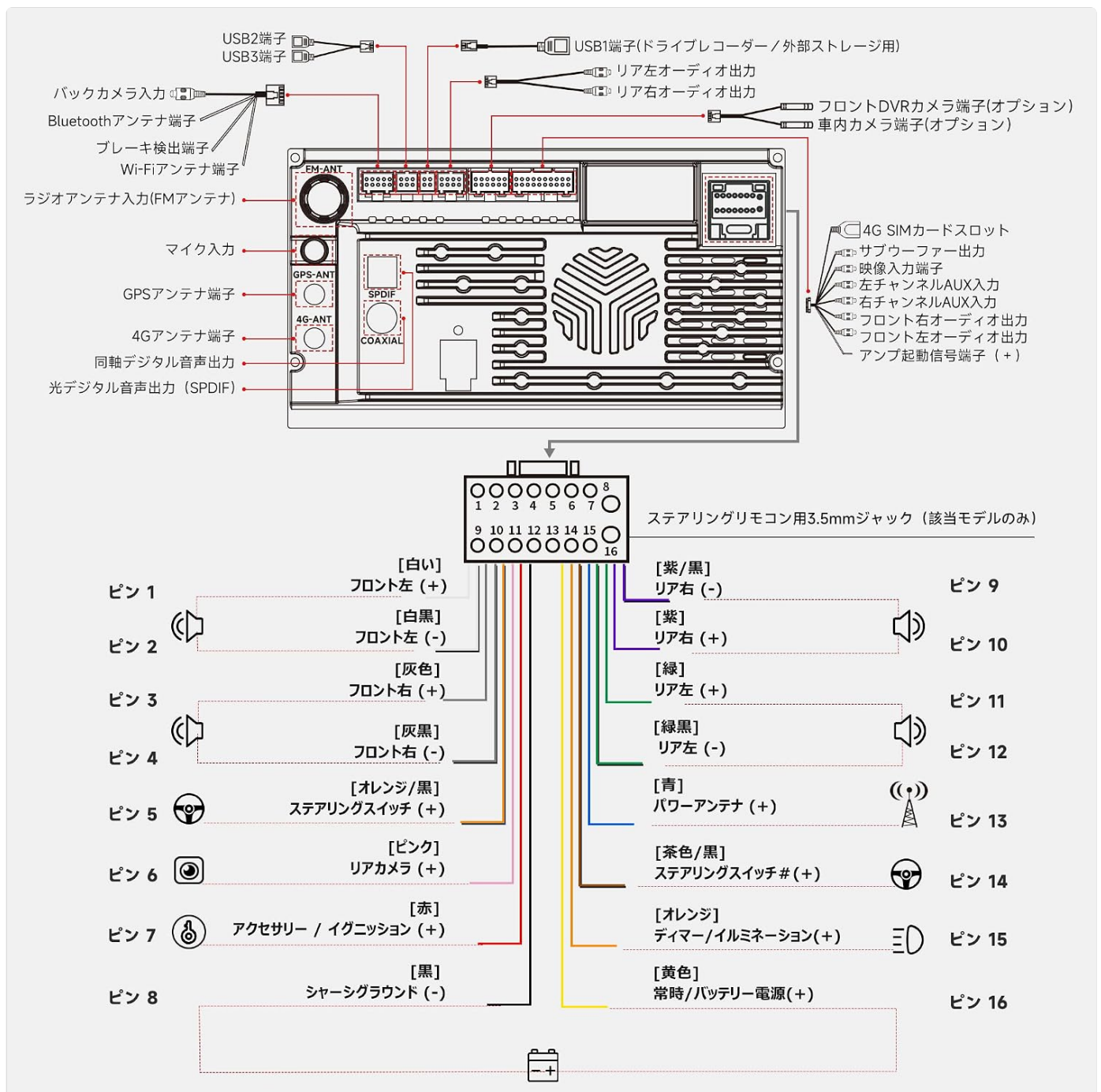


Image: Detailed wiring diagram for the ATOTO S8 Gen4, showing connections for power, speakers, antennas, USB, and other peripherals.

Pin 1 (White): Front Left (+)

Pin 2 (White/Black): Front Left (-)

Pin 3 (Gray): Front Right (+)

Pin 4 (Gray/Black): Front Right (-)

Pin 5 (Orange/Black): Steering Wheel Control (SWC)

Pin 6 (Pink): Rear Camera (+)

Pin 7 (Red): Accessory / Ignition (+)

Pin 8 (Black): Chassis Ground (-)

Pin 9 (Purple): Rear Right (+)

Pin 10 (Purple/Black): Rear Right (-)

Pin 11 (Green): Rear Left (+)

Pin 12 (Green/Black): Rear Left (-)

Pin 13 (Blue): Power Antenna (+)

Pin 14 (Brown/Black): Steering Wheel Control (SWC) #

Pin 15 (Orange): Dimmer / Illumination (+)

Pin 16 (Yellow): Constant Power / Battery (+)

OPERATING INSTRUCTIONS

1. Power On/Off

The unit powers on automatically when the vehicle's ignition is turned on. To manually turn off the display, press and hold the left physical knob. A short press on the left knob will mute/unmute audio.

2. Display Operation

The 11.5-inch 2K QLED display offers touch control and features dual physical knobs for common functions. The left knob controls volume (rotate) and mute/power off (press). The right knob is assigned for track selection or other customizable functions (rotate) and can be pressed for specific actions.



Image: Illustration of the dual physical knobs on the ATOTO S8 Gen4, showing their functions for volume, mute, and track selection.

3. Connectivity

- **4G LTE (SIM Card):** Insert a nano SIM card into the designated slot for direct 4G internet access. This enables online features and acts as a Wi-Fi hotspot for other devices.
- **Wi-Fi:** Connect to external Wi-Fi networks or use the unit's built-in 4G as a hotspot.
- **Bluetooth:** Pair your smartphone for hands-free calling, audio streaming, and Bluetooth tethering.
- **Wireless CarPlay / Android Auto:** Connect compatible smartphones wirelessly for seamless integration of navigation, music, and communication apps.

内蔵4G — クルマがそのまま専用ホットスポットに。
今後のリモート機能にも対応できる準備万端。



USBテザリング



4G LTE



Wi-Fiホットスポット



※ワイヤレスCarPlay / Android Auto接続中はWi-Fiホットスポットは使えません。

ワイヤレスで広がる、もっと自由なつながり。



ワイヤレスCarPlay



ワイヤレスAndroid Auto



ワイヤレスミラーリンク

Image: Display showing the interfaces for Wireless CarPlay, Wireless Android Auto, and Mirrorlink functionality.

4. Audio Settings

The integrated Digital Sound Processor (DSP) allows for extensive audio customization. Access the audio settings to adjust the 32-band Equalizer (EQ), time alignment, high/low-pass filters, and subwoofer controls to optimize your listening experience.



Image: Screenshot of the audio tuning interface, displaying the 32-band EQ, time alignment, and filter settings.

5. AI Features (DriveChat & Agentic AI)

Utilize the DriveChat and Agentic AI features for an enhanced driving experience. These AI assistants respond to natural language voice commands for navigation, information retrieval, and controlling connected accessories, reducing the need for manual interaction.



Image: Display showing the AI DriveChat interface providing information based on voice commands.

Agentic AI functions include OBD fault diagnosis, GeoSense for location-based information, RoadSense for analyzing road conditions, and fuel guides. Note that some AI features may require specific camera accessories.



Image: Overview of Agentic AI features including OBD diagnosis, GeoSense, RoadSense, and fuel guide.

6. Camera Functions

- **Dashcam Recording:** Connect a compatible front dashcam (e.g., AC-HD30FHU, sold separately) for continuous loop recording and emergency recording triggered by impact detection.
- **Parking Surveillance:** With a connected dashcam, the unit can monitor your vehicle for 24 hours while parked, recording events and providing voltage cut-off protection.
- **Rear View Camera:** Connect a rear camera (e.g., AC-HD02LR, sold separately) for real-time rear view display and adjustable guidelines when reversing.



Image: Features of the optional 1080P front dashcam, including HDR, night vision, wide-angle lens, and loop recording.

24時間駐車監視

駐車中の映像を自動で記録し、万が一の際に状況確認や振り返りに役立つ。

電圧カットオフ保護

24時間駐車録画

イベント録画再生対応

必要アクセサリ
AC-HD30FHU フロントカメラ
(別売)

※DVR アプリで監視時間や電圧カットオフ値を設定できます。
設定した電圧に達すると、録画は自動的に停止。

Image: Illustration of the 24-hour parking surveillance feature, showing event recording and voltage cut-off protection.

7. Bluetooth IoT Hub & Privacy Protection

The Bluetooth IoT Hub allows the S8 Gen4 to manage and control various compatible Bluetooth Low Energy (BLE) devices within your vehicle, such as ambient lighting or LED displays. The privacy protection feature automatically locks the unit's account information when your smartphone moves out of Bluetooth range and unlocks it upon return.

Bluetooth IoT Hub — もっとつながる、 もっと楽しい、もっとスマートなコントロール



AL-12IN24-72W
スマートLEDライト



AL-ILS60-100
車内フットウェルライト



AC-4450
Bluetooth OBDIIスキャナー



AL-ILS150-150
車内アンビエントライト



INT21A
Bluetooth対応 プレミアム
LEDメッセージサイン



その他...

Bluetooth画面ロック — プライバシーを守る

スマホがBluetoothの範囲外に出ると自動ロック、戻ると自動ロック解除



Image: Display showing the Bluetooth IoT Hub managing various in-car devices and the automatic screen lock/unlock for privacy.

MAINTENANCE

- **Software Updates:** The ATOTO S8 Gen4 supports OTA (Over-The-Air) updates. Regularly check for and install available updates to ensure optimal performance, new features, and security enhancements. Updates can be found via the FindApps platform.
- **Screen Cleaning:** Use a soft, lint-free cloth to gently wipe the display. For stubborn smudges, slightly dampen the cloth with water or a screen-safe cleaner. Avoid harsh chemicals or abrasive materials.
- **General Care:** Keep the unit free from dust and extreme temperatures. Ensure proper ventilation around the unit to prevent overheating.

TROUBLESHOOTING

If you encounter issues, refer to the following common troubleshooting steps. For more detailed assistance, consult the online support resources or contact ATOTO customer service.

- **No Power:** Check all power connections (ACC, B+, Ground). Ensure the vehicle's ignition is on. Verify fuses are intact.
- **No Sound:** Check speaker wiring. Ensure volume is not muted or set too low. Verify audio output settings in the system.
- **Poor GPS Signal:** Ensure the GPS antenna is mounted in a clear location with an unobstructed view of the sky. Check antenna connection.
- **Connectivity Issues (Wi-Fi/Bluetooth/4G):** Ensure antennas are properly connected. Check network settings and credentials. For 4G, verify SIM card insertion and activation.
- **CarPlay/Android Auto Not Connecting:** Ensure your phone is compatible and the feature is enabled on both the phone and the head unit. Try restarting both devices.
- **Slow Performance:** Close unnecessary background applications. Clear cache if available in system settings. Ensure sufficient storage space.

For further assistance, please refer to the online manual or contact ATOTO support.

SPECIFICATIONS

Brand	ATOTO
Model Number	S8
Display Size	11.5 inches
Display Type	2K QLED
Resolution	2000 x 1200
Processor	MTK MT8768 Octa-Core (up to 2.2GHz)
RAM	4GB
Internal Storage (ROM)	64GB
Operating System	Android
Connectivity	4G LTE (SIM), Wi-Fi, Bluetooth, USB, AUX
Control Methods	Touch, Push Button, Remote, Voice
Audio Output Mode	Stereo
Compatible Devices	Amplifiers, Speakers, Smartphones
Supported Internet Services	Google Maps, Hulu, LINE, Netflix, Spotify, Yahoo, YouTube

WARRANTY AND SUPPORT

ATOTO provides a 12-month warranty, extendable by an additional 6 months upon product registration within 30 days of purchase. This ensures a total of 18 months of coverage.

- **OTA Updates:** The system receives regular Over-The-Air updates to improve stability and functionality.
- **Online Support:** A dedicated 24-hour product support team is available. Scan the QR code in the packaging or visit the Eproductcare platform for detailed online manuals and support.

OTAアップデート

継続的なシステム改善により安定性と機能が向上します。追加ツールなしで本体から簡単にアップデートできます。



12+6か月

購入日から12か月、さらに購入後30日以内にこれん絡いただくことで追加6か月。



製品について

平日は24時間体制で製品サポートチームが対応します。多言語オンラインマニュアルの詳細は箱内をご確認ください。



オンラインマニュアル クイックガイド

製品箱のコードをスキャンしてEproductcareプラットフォームにアクセスし、サポートを受けてください。



Image: Information regarding OTA updates, 12+6 month warranty, and online support resources.