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ATOTO S8G2113LT

ATOTO S8 Lite S8G2113LT 10.1-inch Double Din Car Stereo User Manual

Model: S8G2113LT | Brand: ATOTO

Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your ATOTO S8 Lite S8G2113LT 10.1-inch Double Din Car Stereo. Please read this manual thoroughly before using the product to ensure proper functionality and safety. Keep this manual for future reference.



Image: ATOTO S8 Lite Car Stereo integrated into a vehicle dashboard, showcasing its large display and user interface.

Setup

1. Physical Installation

The ATOTO S8 Lite S8G2113LT features a 10.1-inch display and a double-DIN adaptive head-unit case. The head-unit case dimensions are 172mm x 95mm, and the 10.1-inch screen dimensions are 258mm x 160mm. It is designed to fit most vehicles with a standard double-DIN dashboard opening. For specific vehicle models, consider using a YO-FUNG vehicle-specific Installation Dash Kit for an integrated, OEM factory-style appearance.



Image: Step-by-step visual guide for installing the ATOTO S8 Lite car stereo into a vehicle's dashboard.

2. Wiring Diagram

Ensure all connections are secure before powering on the device. The unit includes various inputs and outputs for comprehensive integration:

- **USB Expansion Ports (2):** For data communication, USB drives, and optional USB devices.
- **RCIN Rear Camera Input:** For connecting a rearview camera.
- **Bluetooth Antenna:** No external antenna needed.
- **Wi-Fi Antenna:** No external antenna needed.
- **Parking Brake Input:** For safety features.
- **FM/AM/ANT-Radio Antenna Input:** For radio reception.
- **SUB-Subwoofer Out (1V):** For connecting to a subwoofer.
- **FCAM Front Camera Video Input:** For connecting a front camera.
- **Video Input (VIN):** General video input.
- **L/R Channel Auxiliary Audio Input:** For external audio sources.
- **MIC-External Microphone Input:** For voice commands and hands-free calling.
- **Amplifier Turn-on (+):** For external amplifier control.
- **GPS Antenna:** External GPS antenna for navigation.
- **FUSE-Car Stereo Fuse:** Power protection.
- **Built-in Microphone:** For voice input.
- **Reset Hole:** For system reset.



Image: Detailed diagram showing all input/output ports and the physical dimensions of the ATOTO S8 Lite head unit and screen.

3. Initial Power On

After completing all physical and electrical connections, turn on your vehicle's ignition. The unit should power on automatically. Follow any on-screen prompts for initial setup, such as language selection and time zone.

Operating Instructions

1. User Interface and Navigation

The ATOTO S8 Lite runs on ATOTO AICE UI 11.0, based on Android Q (10.0), offering a familiar and intuitive interface. The 10.1-inch 1280*720 5-Touch capacitive IPS touchscreen provides a clear display with 178-degree viewing angles and 600cd/m2 brightness.



Image: Illustration of the IPS display screen highlighting its 178-degree viewing angles and 1280x720 resolution.

Navigate through applications by swiping across the screen. Use the touch gesture operation for quick access to functions, minimizing distractions while driving.

2. Connectivity

The S8 Lite offers multiple ways to connect to the internet and your smartphone:

- **Wi-Fi:** Connect to available Wi-Fi networks or use your phone's personal hotspot.
- **Bluetooth Tethering:** Share your phone's internet data via Bluetooth.
- **USB Network Tethering:** Share your phone's internet data via a USB connection using the EasyConnect app.
- **Dual Bluetooth (BT1 5.0 & BT2 4.1):** BT1 supports HFP/HSP/A2DP/AVRCP/PBAP protocols for hands-free calling and audio streaming.
- **Phone Mirroring (EasyConnect):** Pre-installed app for mirroring iOS and Android devices via USB or Wi-Fi.
- **Phone Integration Link (CarPlay & Android Auto):** Seamlessly integrates your smartphone for calls, music, messages, and navigation. Supports both wired and wireless connections. Use the original USB cable for wired connections.



Image: Visual representation of internet access methods (Personal Hotspot, USB Tethering, Bluetooth Tethering) and smartphone integration features (EasyConnection, Wireless/Wired CarPlay/Android Auto).

3. Audio Features

The unit features a built-in Digital Signal Processor (DSP) for precise audio customization. It includes 9 preset EQ modes and 32 adjustable frequency bands (16 for front, 16 for rear). The built-in Max 4*45W BTL amplifier delivers RMS 4*24W (Vcc=14.4v, THD=10%).

- **Speed Compensated Volume Control (SCVC):** Automatically adjusts the head unit volume based on vehicle speed to compensate for road noise.
- **FM/AM Radio:** Built-in high sensitivity tuner with RDS/RBDS feature.

4. Navigation

The S8 Lite includes built-in GPS chips with an external GPS antenna. Google Maps is pre-installed, and users can download offline map data for navigation without an internet connection. Other navigation apps like Waze and Tomtom can be installed from the Google Play Store.

- **TrackHU:** ATOTO's exclusive feature for seamless, accurate, and cost-effective vehicle tracking.



Image: Diagram illustrating GPS tracking features with TrackHU, including global positioning, real-time tracking, geofence, and alerts.

5. Camera Features

The unit supports various camera inputs for enhanced driving safety:

- **Rearview Camera Input:** Supports 720P HD video signals for clear rearview display. Compatible with specific HD rearview cameras (e.g., ATOTO AC-HD03LR, sold separately).
- **Live RearView (LRV):** Provides a rearview display even when the vehicle is moving forward, reducing blind spots. Requires a specific HD rearview camera.
- **HD Virtual Surround-View Parking (VSV):** Offers a bird's-eye view of surroundings for easier parking. Requires a specific HD rearview camera.

6. Steering Wheel Controls

The ATOTO S8 Lite is compatible with original steering wheel audio key controls. This allows you to adjust volume, change tracks, and manage calls directly from your steering wheel, enhancing convenience and safety. Wiring harnesses for specific vehicles may be available to simplify integration.



Image: Demonstrates the compatibility with steering wheel controls and the touch gesture operation for quick access to functions.

7. Voice Commands

Utilize the built-in or external microphone to issue voice commands for navigation, music playback, and phone functions, allowing for hands-free operation.

Your browser does not support the video tag.

Video: Demonstrates the features of the ATOTO S8G2113LT Android Car Stereo, including its user interface, app functionality, and connectivity options.

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Video: Overview of the ATOTO S8 Lite S8G2113LT 10 Inch Android Car Stereo, showcasing its design and key functionalities.

Maintenance

To ensure the longevity and optimal performance of your ATOTO S8 Lite car stereo, follow these maintenance guidelines:

- **Screen Cleaning:** Use a soft, lint-free cloth to gently wipe the touchscreen. Avoid abrasive cleaners or harsh chemicals.
- **Software Updates:** Regularly check for and install system firmware updates to ensure compatibility and access to the latest features and security enhancements.
- **Environmental Conditions:** Avoid exposing the unit to extreme temperatures, direct sunlight for prolonged periods, or excessive moisture.
- **Cable Management:** Ensure all wiring is properly secured and not exposed to prevent damage or interference.

Troubleshooting

If you encounter issues with your ATOTO S8 Lite, refer to the following common troubleshooting steps:

- **No Power:** Check the power connections and the car stereo fuse. Ensure the vehicle's ignition is on.
- **No Sound:** Verify speaker connections, volume levels, and audio source selection. Check amplifier connections if applicable.
- **Touchscreen Unresponsive:** Perform a system reset using the reset hole. If the issue persists, contact support.
- **GPS Signal Loss:** Ensure the GPS antenna is properly installed and has a clear view of the sky.
- **Bluetooth/Wi-Fi Connectivity Issues:** Restart the unit and your connected device. Ensure both devices are within range and Bluetooth/Wi-Fi is enabled.
- **CarPlay/Android Auto Not Connecting:** Use the original USB cable for wired connections. Ensure your phone's software is up to date and the EasyConnect app is functioning correctly.

For more complex issues, consult the ATOTO support website or contact their customer service.

Specifications

Product Version	S8 Lite (Gen2)
Model No.	S8G2113LT (2GB/32GB)
Mounting Style	IAH10D (Integrated and Adaptive Headunit of 10.1-inch Display)
System Information	ATOTO AICE UI 11.0 (based on Android Q/10.0)
CPU	UIS9863 Octa-Core 1.6GHz (ARM Cortex A55)
GPU	PowerVR GE8322
Display	Full HD 10.1-inch 1280*720 5-Touch capacitive IPS screen, 600cd/m2
Bluetooth	Dual Bluetooth (BT1 5.0 & BT2 4.1)
Radio Tuner	Built-in high sensitivity FM/AM radio tuner with RDS/RBDS
GPS/Navigation	Built-in GPS chips with external GPS antenna, Google Maps pre-installed
DSP / Pre-Amplifier	Built-in DSP, 9 EQ modes, 32 adjustable frequency bands, Max 4*45W BTL amplifier (RMS 4*24W)

Phone Integration	Wired/Wireless Apple CarPlay, Wired/Wireless Android Auto
Internet Connectivity	Wi-Fi, Bluetooth Tethering, USB Network Tethering
Live RearView (LRV)	Supported (requires specific HD rearview camera, sold separately)
Item Weight	4.6 pounds
Package Dimensions	11.54 x 9.69 x 4.45 inches

Warranty and Support

ATOTO products typically come with a manufacturer's warranty. For specific warranty details, registration, and technical support, please visit the official ATOTO website or refer to the warranty card included in your product packaging. Customer support is available to assist with any questions or issues you may encounter.
For additional resources and product information, you may visit the ATOTO Store on Amazon.

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Example: How do I reset this device or fix this error?

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