ATOTO S8G2094MS

ATOTO S8MS 9-inch QLED Android Car Stereo User Manual

Model: S8G2094MS | Brand: ATOTO

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your ATOTO S8MS 9-inch QLED Android Car Stereo. Please read this manual thoroughly before using the product to ensure proper functionality and safety. Keep this manual for future reference.

2. KEY FEATURES

- **High Performance Android System:** Equipped with 12nm SoC, ARM Cortex Octa-core CPU, 4GB RAM + 32GB ROM, running on customized Android 10.0 (ATOTO AICE UI 11.0).
- **9-inch QLED Display:** 1280x720 Full HD QLED touch screen with 178° wide viewing angle and 600cd/m² brightness for clear visibility in various conditions.
- **Versatile Network Connectivity:** Supports 4G LTE (built-in), Wi-Fi hotspot, Bluetooth tethering, and USB tethering.
- **Smartphone Integration:** Wireless & Wired Android Auto and CarPlay compatibility, along with CarbitLink for smartphone mirroring.
- **Advanced Audio Processing:** Built-in Digital Signal Processor (DSP) with 32-band EQ, time correction, bass boost, and Speed Compensated Volume Control (SCVC).
- **Dual Bluetooth:** BT1 (5.0) for hands-free calls and audio streaming (A2DP), BT2 (4.1) for internet tethering and OBD2 diagnostics.
- **GPS Tracking:** Pre-installed TrackHU app for real-time vehicle tracking, geo-fence settings, and route playback.
- **Enhanced Camera Support:** Compatible with 720P front and rear cameras (AC-FCR04W, AC-RCR04W, AC-HD02LR - sold separately) for Live Rear View (LRV) and improved driving safety.
- **AI Driving Assistant:** DriveChat APP with professional AI support for voice control and personalized interactions.

3. SETUP & INSTALLATION

3.1 Physical Installation

The ATOTO S8MS (S8G2094MS) is a standard double DIN car stereo. Installation may require additional accessories such as a dash kit, wiring harness, or data interface, depending on your vehicle model. These accessories are sold separately.

The 9-inch display is designed to avoid obstructing air vents or emergency buttons in most vehicles.

Image: The ATOTO S8MS 9-inch QLED Android Car Stereo seamlessly integrated into a car's dashboard, highlighting its large display and user interface.

3.2 Wiring Diagram

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

Image: Detailed wiring diagram illustrating connections for power, speakers, cameras, USB, and other peripherals for the ATOTO S8MS.

3.3 TrackHU App Setup

The TrackHU app is pre-installed on your ATOTO S8MS. To enable or disable its visibility:

1. Go to **Settings > Device**.

2. Tap 'Device' four times quickly.

3. A prompt will appear to enable/disable the GPS APP.

Note: The TrackHU app icon is hidden by default to protect user privacy. Follow the steps above to make it visible or hide it again.

3.4 Firmware Update

To ensure optimal performance, keep your ATOTO S8MS firmware updated. Firmware updates often include new features, bug fixes, and performance improvements.
For the latest firmware, visit the ATOTO resource website:resources.myatoto.com. Download the appropriate firmware for your model and follow the update instructions provided on the website. You can typically update via SD card or USB flash drive.

4. OPERATING INSTRUCTIONS

4.1 Basic Operation

- **Quick Boot:** The system starts within 2 seconds after engine ignition.
- **QLED Display:** Enjoy clear visuals from a 178° wide viewing angle.
- **Touch Gestures:** The 5-point multi-touch capacitive panel supports intuitive gestures like pinch-zoom, swipe, and scroll.
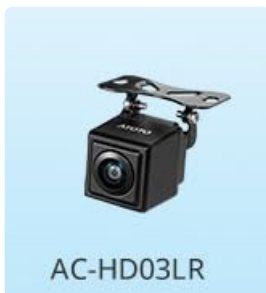

AC-HD03LR

Image: The ATOTO S8MS screen demonstrating different touch gestures like two-finger scroll, double-tap, and three-finger scroll for enhanced control.

4.2 Connectivity

- **4G LTE:** Built-in 4G LTE module for direct internet access.
- **Wi-Fi Hotspot:** Connect to Wi-Fi hotspots for internet access.
- **Bluetooth Tethering:** Share your phone's internet connection via Bluetooth.
- **USB Tethering:** Share your phone's internet connection via USB.
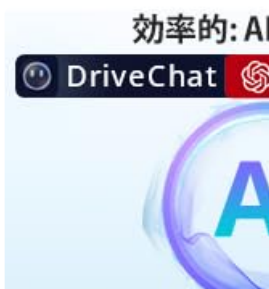

效率的: AI
DriveChat

Image: An illustration of the four internet connection options available on the ATOTO S8MS: 4G LTE, Wi-Fi Hotspot, Bluetooth Tethering, and USB Tethering.

4.3 Smartphone Integration

- **Wireless & Wired Android Auto / CarPlay:** Seamlessly integrate your smartphone for navigation, music, messages, and calls. Use original USB cables for wired connections.
- **CarbitLink:** Pre-installed app for smartphone mirroring (iOS/Android compatible).

Image: The ATOTO S8MS screen showcasing the interfaces for Wireless CarPlay, Android Auto, and CarbitLink, demonstrating smartphone integration.

4.4 Audio Features

- **Digital Signal Processor (DSP):** Built-in DSP for optimizing audio output, including time correction, precise EQ settings, bass boost, and filter adjustments.
- **32-Band EQ:** Customize your audio experience with 9 presets and 32 adjustable bands (16 front, 16 rear).
- **Speed Compensated Volume Control (SCVC):** Automatically adjusts volume based on driving speed to counteract road noise.
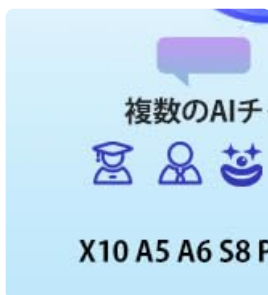

Image: The ATOTO S8MS display showing the Digital Signal Processor (DSP) settings, including time alignment, bass boost, and crossover controls for audio customization.

4.5 Camera Integration

- **Rear View Camera Input:** Supports 720P HD rear cameras (e.g., AC-HD02LR, sold separately) for safe parking.
- **Front View Camera Input:** Supports 720P HD front cameras (e.g., AC-FCR04W, sold separately) for enhanced forward visibility.
- **Live Rear View (LRV):** Display the rear camera image even when driving forward for improved situational awareness.
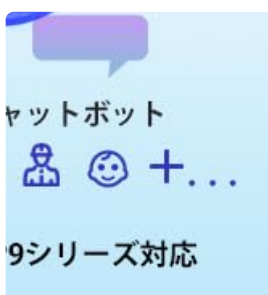

Image: The ATOTO S8MS display showing simultaneous views from front and rear cameras, illustrating features like Auto Gain Control (AGC), Backlight Compensation (BLC), and Live Rear View (LRV).

4.6 GPS Tracking (TrackHU)

The TrackHU app provides comprehensive GPS tracking features:

- **Real-time Vehicle Tracking:** Monitor your vehicle's location on a map.
- **Geo-fence Settings:** Define virtual boundaries and receive alerts when the vehicle enters or exits these areas.
- **Route Playback:** Review past routes and driving data.

Video: An overview of the TrackHU GPS tracking application, demonstrating its features such as real-time tracking, geo-fencing, and route playback on both the car stereo and a smartphone.

4.7 Steering Wheel Control

The S8G2094MS is compatible with most original steering wheel controls. You can also customize control functions through the infotainment system. For vehicles without built-in steering wheel controls, the ATOTO AC-44F8 Steering Wheel Control Remote (sold separately) is recommended for optimal performance.

4.8 Google Play Store & Apps

The S8G2094MS supports a wide range of apps from the Google Play Store, allowing you to customize your in-car infotainment system according to your preferences.

4.9 Dual Bluetooth

The dual Bluetooth feature allows simultaneous connection of two Bluetooth devices:

- **BT1 (5.0):** For hands-free calls, A2DP audio streaming, and voice assistant.
- **BT2 (4.1):** For internet tethering and connection to OBD2 diagnostic tools.

4.10 Screen Lock

The screen lock function enhances security by preventing unauthorized access to your Google and SNS accounts when the car stereo is unattended. The Bluetooth unlock feature automatically unlocks the screen upon reconnection, eliminating the need for manual password entry.

4.11 USB Storage & Dual Zone Video Output

The device supports USB interfaces for reading storage devices up to 2TB. It also features dual-zone video output for in-car entertainment, allowing passengers to watch videos on separate screens while the driver uses navigation.

4.12 TPMS & OBD II Scanner

- **USB TPMS:** Connect a USB Tire Pressure Monitoring System (e.g., AC-UTP1, sold separately) to display real-time tire pressure and temperature.
- **Bluetooth OBD II Scanner:** Connect a Bluetooth OBD II scanner/code reader (e.g., AC-4450, sold separately) to scan and clear vehicle fault codes and monitor engine status in real-time.

5. SPECIFICATIONS

Feature	Specification
Screen Size	9 inches

Display Type	QLED LCD
Resolution	1280x720 (Full HD)
Operating System	Customized Android 10.0 (ATOTO AICE UI 11.0)
Processor	UIS 7862 ARM Cortex Octa-core (MAX 1.8GHz), ARM Mali-G52 MP2 GPU, 12nm process
RAM	4GB
ROM	32GB
Connectivity	4G LTE (built-in), Wi-Fi (2.4 & 5 GHz), Bluetooth (BT1 5.0 & BT2 4.1), USB
Audio Output	MAX 4x45W, RMS 4x24W (Vcc=14.4V, THD=10%), 4CH RCA (2V), Subwoofer (0.8V)
GPS	Built-in GPS module, supports GPS, GLONASS, Galileo, Beidou
Dimensions	29.6 x 26.8 x 11.1 cm
Weight	1.88 kg

6. TROUBLESHOOTING

If you encounter any issues with your ATOTO S8MS, please refer to the following general troubleshooting tips:

- **No Power:** Check all power connections and fuses. Ensure the vehicle's ignition is on.
- **No Sound:** Verify speaker connections, volume levels, and audio settings (DSP, EQ).
- **GPS Signal Loss:** Ensure the GPS antenna is properly connected and has a clear view of the sky.
- **App Malfunction:** Try restarting the app or the entire system. Ensure the app is updated to its latest version.
- **Bluetooth Connection Issues:** Ensure Bluetooth is enabled on both devices and try re-pairing.

For more specific issues or persistent problems, please contact ATOTO customer support.

Video: An overview of the TrackHU GPS tracking application,
demonstrating its features such as real-time tracking, geo-fencing,
and route playback on both the car stereo and a smartphone.

7. WARRANTY & SUPPORT

Your ATOTO S8MS comes with a 12-month product warranty, with an additional 6-month extension available under certain conditions. For warranty claims or technical assistance, please visit the official ATOTO online platform or contact customer support at support@myatoto.com.
ATOTO is committed to continuously improving its products and user experience. Regular firmware updates are provided to enhance functionality and introduce new features.