**Saved from manuals.plus.**
**Open the live page for links to other documents and user manuals.**



**ATOTO S8G2B74MS**

# ATOTO S8 Gen3 Android Double Din Car Stereo S8G2B74MS User Manual

Model: S8G2B74MS

## 1. Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your ATOTO S8 Gen3 Android Double Din Car Stereo, model S8G2B74MS. Please read this manual thoroughly before using the product to ensure proper functionality and safety.




Image 1.1: Front view of the ATOTO S8 Gen3 Android Double Din Car Stereo, displaying its user interface with various application icons.

## 2. Setup and Installation

## 2.1 Package Contents

Verify that all items are present in the package:

- Android Car Stereo Unit
- GPS Antenna
- External Microphone
- Line Out Converter (if applicable)
- Power Cable
- 4G LTE Antenna
- Double Din Brackets
- Mounting Brackets
- Mounting Screws
- Installation Frame
- USB Cable
- Rear Camera Input Cable

## 2.2 Vehicle Fit and Dimensions

The S8G2B74MS features a UDH07D mounting style, designed as a Universal Double-DIN Headunit with a 7-inch display. The minimum front panel dimension is 172mm x 97mm. An extra frame adapter is included to extend its size to 178mm x 101.5mm, ensuring compatibility with most double-DIN dash kits.




Image 2.1: Diagram illustrating the dimensions of the ATOTO S8 unit and a visual representation of the included accessories in the packaging.

## 2.3 Wiring Diagram

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

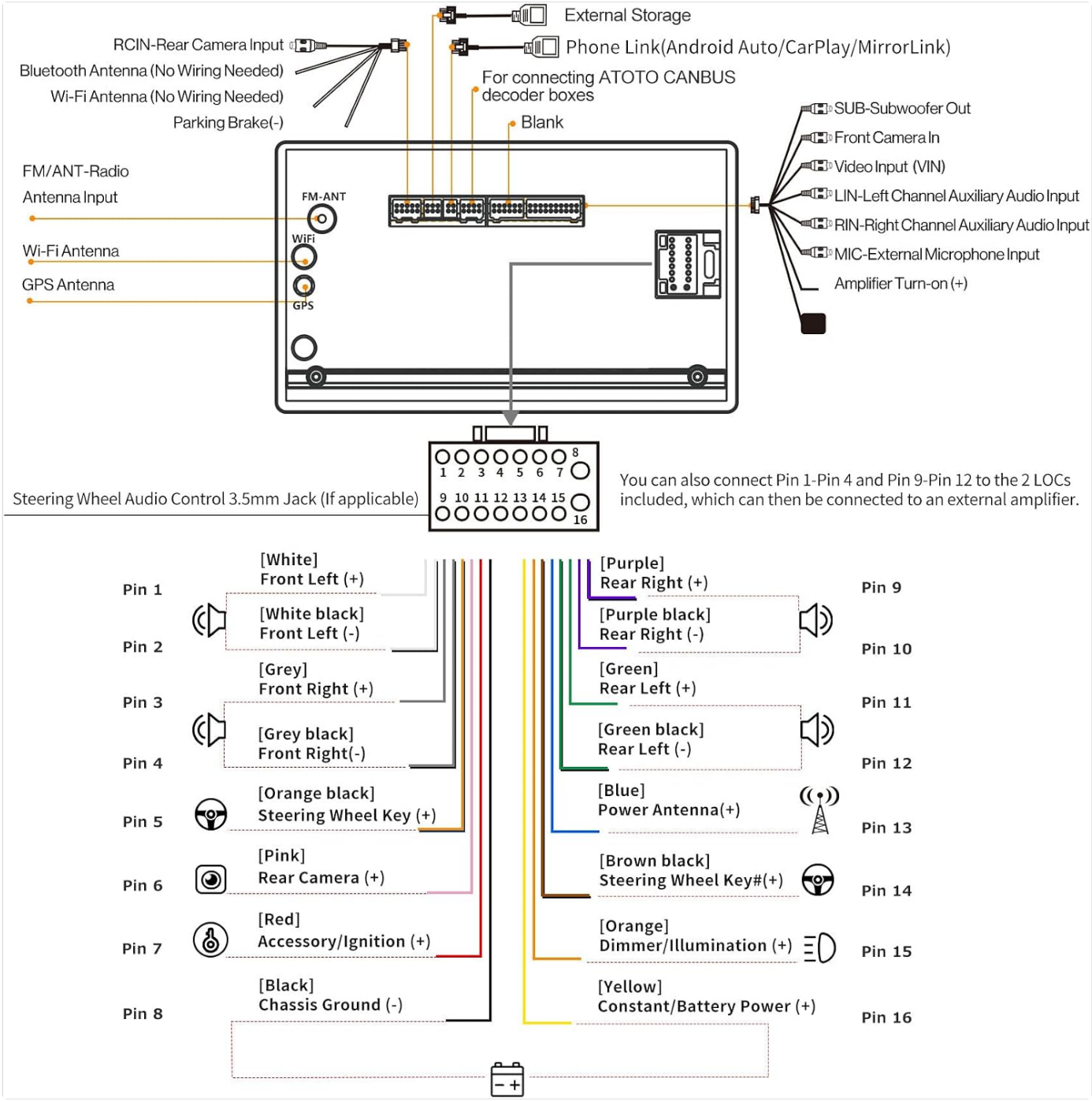



Image 2.2: Detailed wiring diagram for the ATOTO S8 Gen3, showing connections for power, speakers, antennas, and various inputs/outputs.

## 2.4 Optional Accessories

Certain optional accessories, such as specific cameras or amplifiers, may require connection during the initial installation phase. Consult the respective accessory manuals for detailed instructions.
For a visual guide on installation, please visit the official ATOTO installation video resource:ATOTO Installation Videos.

# 3. Operating Instructions

## 3.1 System Overview

The ATOTO S8G2B74MS runs on ATOTO AICE UI 11.0, based on Android Q (10.0), powered by a UIS 7862 ARM Cortex Octa-Core CPU (up to 1.8GHz) with ARM Mali-G52 MP2 GPU. It features 4GB RAM and 32GB ROM for smooth performance.

## 3.2 Display and User Interface

The unit is equipped with a 7-inch 1024*600 QLED 5-Touch Capacitive Touchscreen, offering a 178° viewing angle and 600cd/m2 brightness for clear visibility. The interface supports gestures like pinch-to-zoom and scrolling.




Image 3.1: Comparison illustrating the superior color and contrast of a QLED screen compared to TN-LCD and IPS-LCD displays.




Image 3.2: Demonstration of multi-touch gestures, such as pinch-to-zoom, on the ATOTO S8 touchscreen.

## 3.3 Internet Connectivity

The S8G2B74MS offers multiple internet access options:

- **Wi-Fi Hotspot:** Connect to your phone's Wi-Fi hotspot for stable and fast internet access.
- **Bluetooth Tethering:** Provides lower power consumption for your phone compared to Wi-Fi, suitable for online maps and music streaming.
- **USB Tethering:** Share your phone's data via a USB connection, which can also help charge your phone.
- **Built-in 4G Cellular Modem:** Insert a Micro SIM card (data plan not included) into the dedicated slot for direct 4G LTE connectivity. Supported frequency bands include 2G (GSM 850, 900, 1900), 3G WCDMA (B1, B2, B4, B5, B8), and 4G LTE (B1, B2, B4, B5, B7, B8, B12, B13, B17, B19, B25, B26, B38, B41).




Image 3.3: Overview of the ATOTO S8 Gen3's hardware specifications and its four internet access options: Wi-Fi, Bluetooth Tethering, USB Tethering, and built-in 4G Cellular Modem.

## 3.4 Bluetooth Functionality

The unit features Dual Bluetooth:

- **Bluetooth 1 (5.0):** Supports HFP/HSP/A2DP/AVRCP/PBAP protocols for hands-free calling, audio streaming (SBC & AAC codec), and contact synchronization. Includes noise cancellation.
- **Bluetooth 2 (4.1):** Used for Bluetooth tethering, connecting to Bluetooth gamepads, OBD2 scanners, and TPMS devices.

You can connect up to 3 Bluetooth devices simultaneously (one for audio, two for data communication). The system also allows activation of your phone's voice assistant (Siri, Google Assistant) via screen, steering wheel, or ATOTO AC-44F8 remote.

## 3.5 Phone Integration

The S8G2B74MS supports both wired and wireless Apple CarPlay and Android Auto. It also includes Phone Mirroring via

the CarbitLink app (USB/Wi-Fi options available) for displaying your smartphone screen on the stereo.




Image 3.4: Visual representation of Wireless CarPlay, Wireless Android Auto, and Phone Mirroring (CarbitLink) functionalities, alongside the GPS Tracking feature with TrackHU.

## 3.6 Audio Features

The unit incorporates a Digital Signal Processor (DSP) for precise audio control. Key audio features include:

- **Time Alignment:** Ensures a unified audio experience by synchronizing speaker output.
- **Speed Compensated Volume Control (SCVC):** Automatically adjusts volume based on vehicle speed to counteract road noise.
- **Advanced EQ:** 9 preset EQ modes and 32 adjustable frequency bands (16 for front, 16 for rear).
- **Amplifier:** Built-in Max 4*45W BTL Amplifier with RMS 4*24W.

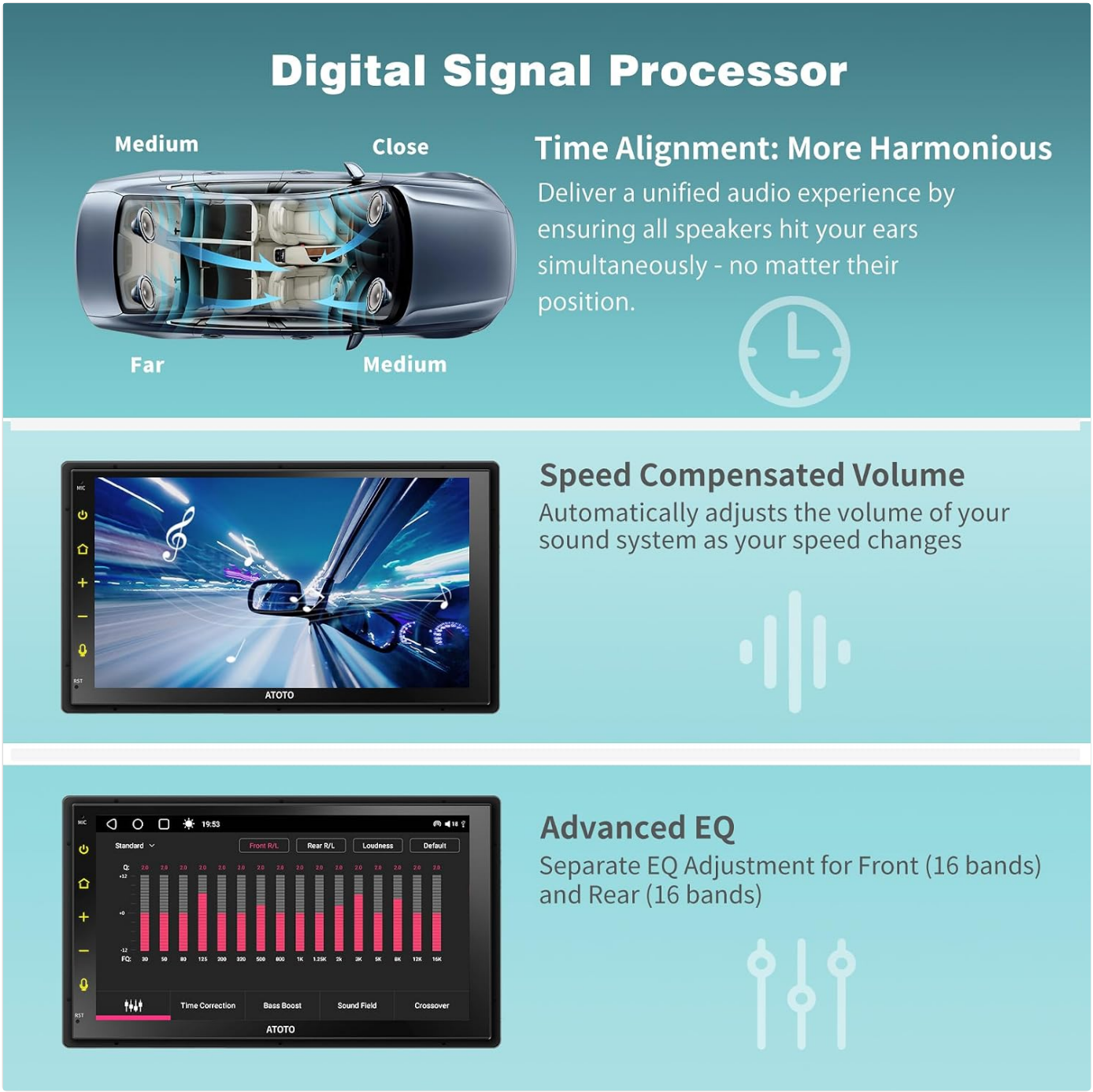



Image 3.5: Explanation of the Digital Signal Processor's capabilities, including Time Alignment, Speed Compensated Volume Control (SCVC), and Advanced Equalizer settings.



Image 3.6: Screenshot of the Digital Signal Processor (DSP) interface on the ATOTO S8, showing options for time correction, bass boost, sound field, and crossover settings.

## 3.7 Navigation and GPS Tracking

The unit has a built-in GPS receiver module with an external GPS antenna. Google Maps is pre-installed, and other navigation apps like Waze or HereWeGo can be installed from the Google Play Store. For offline navigation, download map data for your specific area.

**TrackHU App:** ATOTO's exclusive GPS tracking app (pre-installed) allows real-time vehicle tracking, customizable alerts, geofences, and access to past data, speed, and distance. Activate GPS and network, then scan the TrackHU QR code to access the TrackHU Manager webpage.




Image 3.7: Icon for the TrackHU GPS Tracking App, indicating its function for vehicle location and monitoring.

## 3.8 Camera Inputs and Live RearView (LRV)

The S8G2B74MS supports 720P HD video signals for rearview cameras (e.g., ATOTO AC-HD02LR or AC-HD03LR, sold separately). The Live RearView (LRV) feature allows you to view the rear camera feed even when driving forward, helping to clear blind spots caused by passengers or vehicle structures.




Image 3.8: Illustration of HD 720P parking assistance with Virtual Surround View (VSV) and Live Rear View (LRV) features, enhancing driver visibility.




Image 3.9: Display of a rearview camera feed on the ATOTO S8 screen, showing parking guidelines and a wide-angle view.

## 3.9 Other Features

- **Fast System Boot:** Access the system within 2 seconds of starting the car.
- **Split Screen Display:** Run two applications simultaneously, such as navigation and a media player.

- **Digital Photo Frame:** Display memorable photos on the screen.
- **DriveChat APP (Powered by ChatGPT):** An AI voice assistant for intelligent conversations and voice control.




Image 3.10: Interface of the DriveChat APP, an AI voice assistant powered by ChatGPT, demonstrating its conversational capabilities and voice control features.

## 4. Maintenance

### 4.1 Firmware Updates

ATOTO continuously updates the S8G2B74MS firmware to enhance stability and add new features. It is recommended to keep your unit updated for the best experience. Updates are available Over-The-Air (OTA) via the FindApps application.

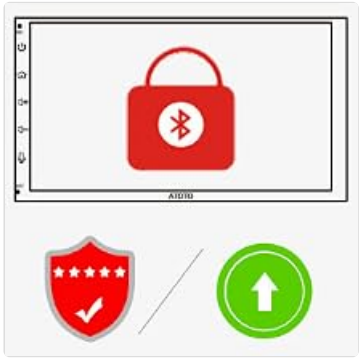


Image 4.1: Icons representing Bluetooth lock functionality and system update availability, indicating features for privacy and continuous improvement.

### 4.2 General Care

To maintain the longevity and performance of your car stereo, regularly clean the screen with a soft, lint-free cloth. Avoid using harsh chemicals or abrasive materials. Ensure proper ventilation around the unit to prevent overheating.

## 5. Troubleshooting

- **App Compatibility Issues:** Some applications from the Google Play Store may not be compatible with all Android car stereos due to specific device/system environment requirements. For example, Netflix is not compatible with S8 Gen3.
- **4G Network Access Issues:** Even if the supported frequency bands are available, network access may be limited if the operator's communication base station does not cover your vehicle's location. Check local carrier coverage.
- **Wired Phone Integration/Android Auto Connection:** For optimal performance, always use the factory/original USB cable that came with your smartphone when connecting for wired Phone Integration Link or Android Auto.

## 6. Specifications

| Feature | Detail |
| --- | --- |
| Model Number | S8G2B74MS |
| Package Dimensions | 8.98 x 5.83 x 5.71 inches |
| Item Weight | 3.01 pounds |
| ASIN | B0C2KSHBC5 |
| Connectivity Technology | 4G LTE, Bluetooth, USB, Wi-Fi |
| Controller Type | Android |
| Special Features | Android 8-Core, 4GRAM and 32GROM, ChatGPT AI, GPS Tracking, 7 Inch QLED Touchscreen, Compatible with S-XM Radio, Dual Bluetooth, HD Virtual Surround-View (VSV)&Live Rear-View (LRV) Display, Wireless CarPlay & Android Auto |
| Compatible Devices | Amplifier, Smartphone, Speaker |
| Total HDMI Ports | 1 |
| Connector Type | 3.5mm Jack, RCA & USB |
| Audio Output Mode | Stereo |
| Surround Sound Channel Configuration | 4.0 |
| Video Encoding | H.264 |
| Manufacturer | ATOTO |

| | |
|---|---|
| Date First Available | July 1, 2020 |

## 7. Warranty and Support

### 7.1 Product Care and Warranty

The ATOTO S8G2B74MS comes with a 12-month standard product care period, extendable by an additional 6 months upon registration, totaling 18 months of coverage.

### 7.2 Customer Support

For any questions or assistance, please seek help via your order center, or contact ATOTO support directly through eproductcase, or email at support@atotoglobal.com.
Visit the official ATOTO Store for more information and accessories:ATOTO Store on Amazon.


### Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

**Name**

Anonymous

**Email**

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

**Question**

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

**Details**

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

**Open the live page**

**https://manuals.plus/asin/B0C2KSHBC5**

More documents and user manuals: **https://manuals.plus/**