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ATOTO S8G2B74PM

ATOTO S8 Premium Android Car Stereo System User Manual

Model: S8G2B74PM | Brand: ATOTO

1. INTRODUCTION

The ATOTO S8 Premium (Gen2) is a 7-inch Android car stereo designed to enhance your driving experience with advanced features and seamless connectivity. It boasts a powerful ARM Cortex Octa-Core processor, a vibrant QLED display, and the latest ATOTO AICE UI 11.0 based on Android Q. This manual provides comprehensive instructions for setup, operation, and maintenance of your S8 Premium car stereo.

2. WHAT'S IN THE BOX

Upon unboxing your ATOTO S8 Premium, please verify that all the following components are included:

- ATOTO S8G2B74PM Car Stereo Unit
- GPS Antenna
- External Microphone
- WiFi Antenna
- Power Cable
- USB Extension Cables (2)
- Mounting Hardware (Brackets, Screws)
- Screen Protector
- Trim Piece
- Front Camera Adapter (RCA)

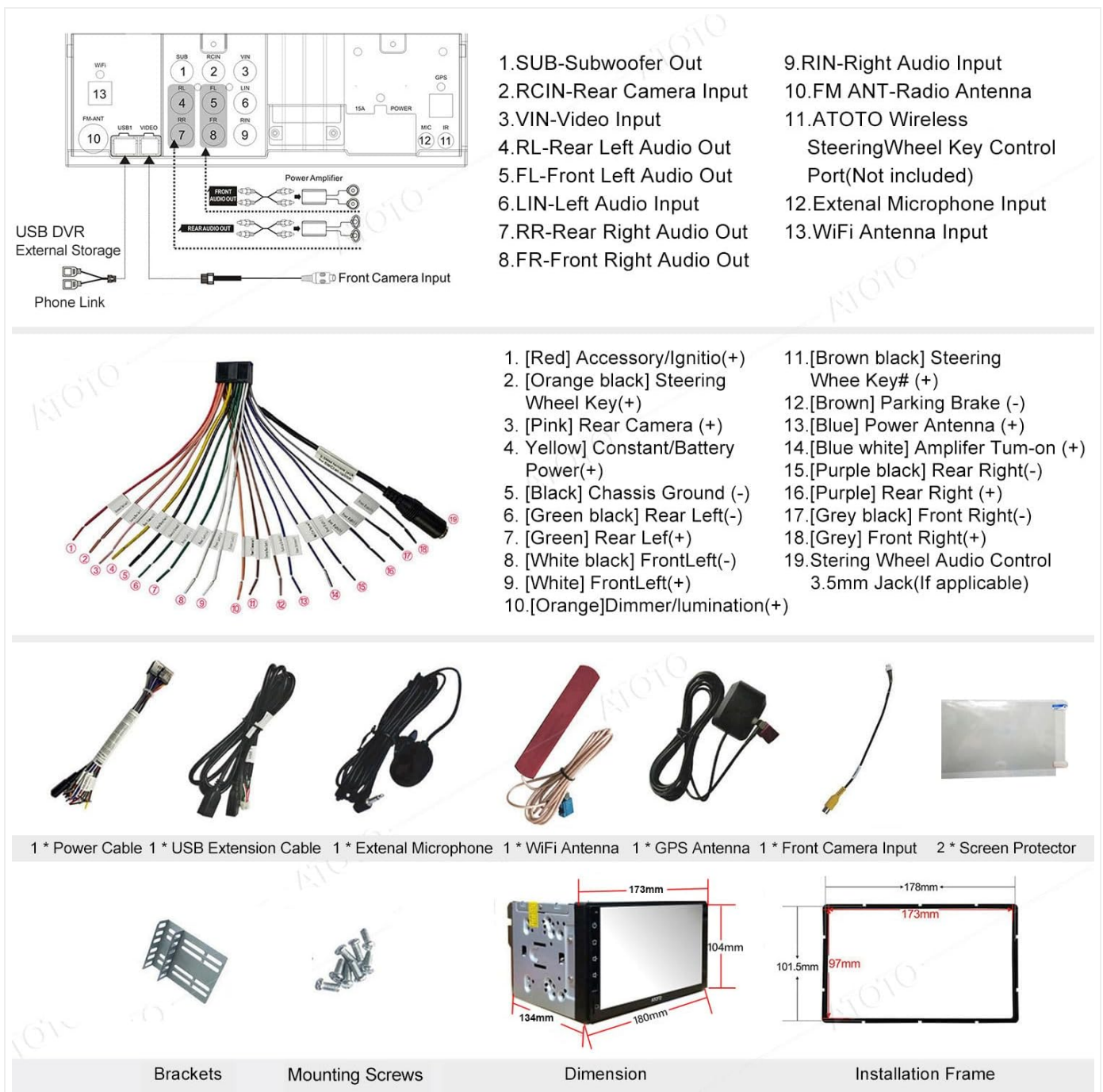


Figure 2.1: All components included in the ATOTO S8 Premium package.

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Video 2.1: An unboxing video of the ATOTO S8G2B74PM Headunit and AC-HD03LR Reverse Camera, showing the contents of the package.

3. SETUP AND INSTALLATION

The ATOTO S8 Premium is designed for easy installation in most double-DIN dashboard openings. Professional installation is recommended for optimal performance and safety.

3.1 Wiring Connections

Connect the provided wiring harness to your vehicle's existing wiring. The harness is clearly labeled for straightforward connection. Ensure all connections are secure to prevent electrical issues.



Wireless IR Steering Wheel Remote Control Interface



Compatible with original steering wheel control (conditions may apply)



Figure 3.1: Comprehensive wiring diagram for the S8 Premium, indicating connections for power, speakers, and accessories.

3.2 Mounting the Head Unit

Secure the head unit into your vehicle's double-DIN slot using the provided mounting brackets and screws. An extra frame adapter is included to fit various dash kit dimensions (173 mm x 97 mm or 178 mm x 101.5 mm).

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Video 3.1: A demonstration of the ATOTO S8G2B74PM Headunit installation process in a vehicle.

4. OPERATING INSTRUCTIONS

4.1 Power On/Off and Initial Boot

The S8 Premium features a fast system boot, allowing access within 2 seconds of starting the car. Press the power button on the left side of the unit to turn it on or off.

4.2 QLED Display and Touch Gestures

The 7-inch 1024x600 QLED display offers enhanced color effects and clarity. The capacitive touchscreen supports 5-touch gestures for quick operations, such as 2-fingers/3-fingers tap to enter the multi-task menu, switch EQ modes, or adjust brightness.

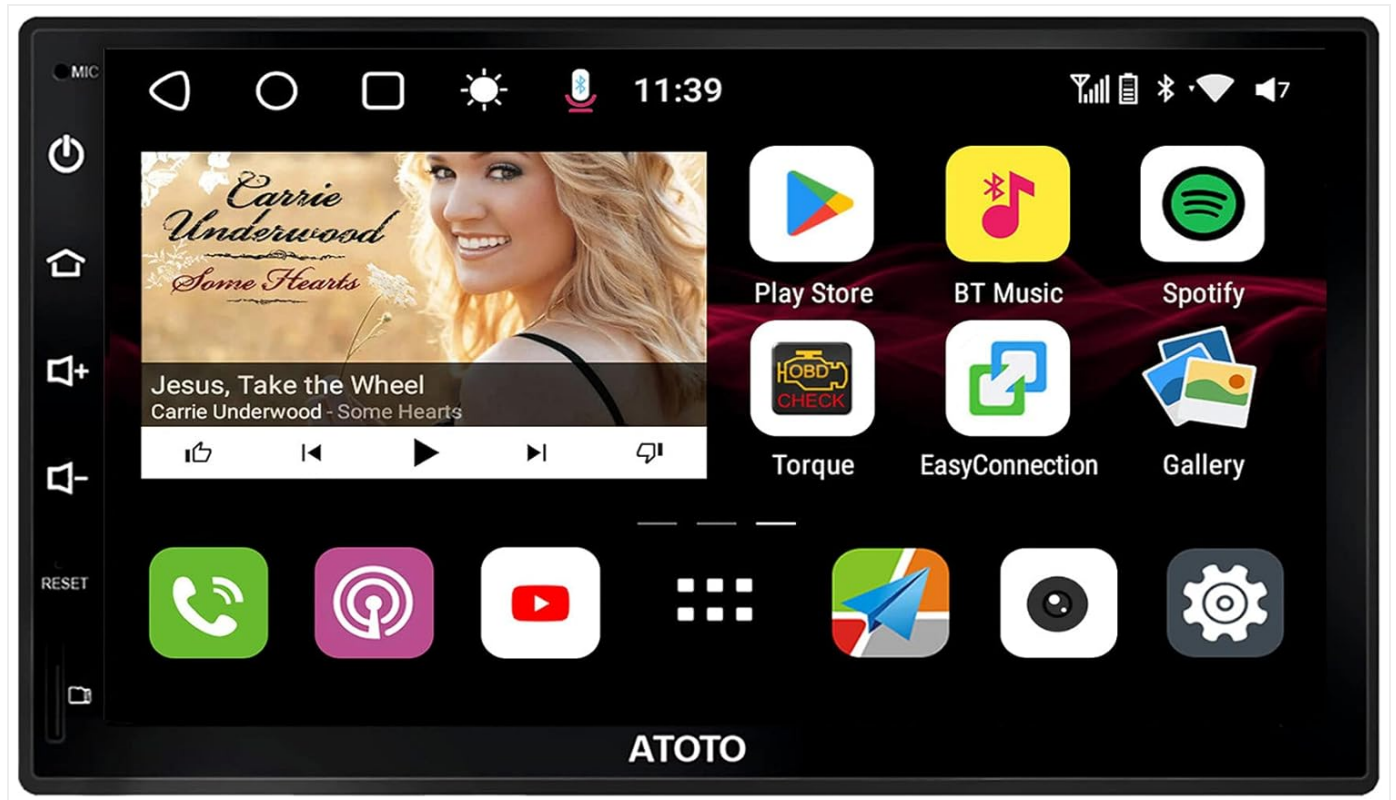


Figure 4.1: The main user interface of the ATOTO S8 Premium.

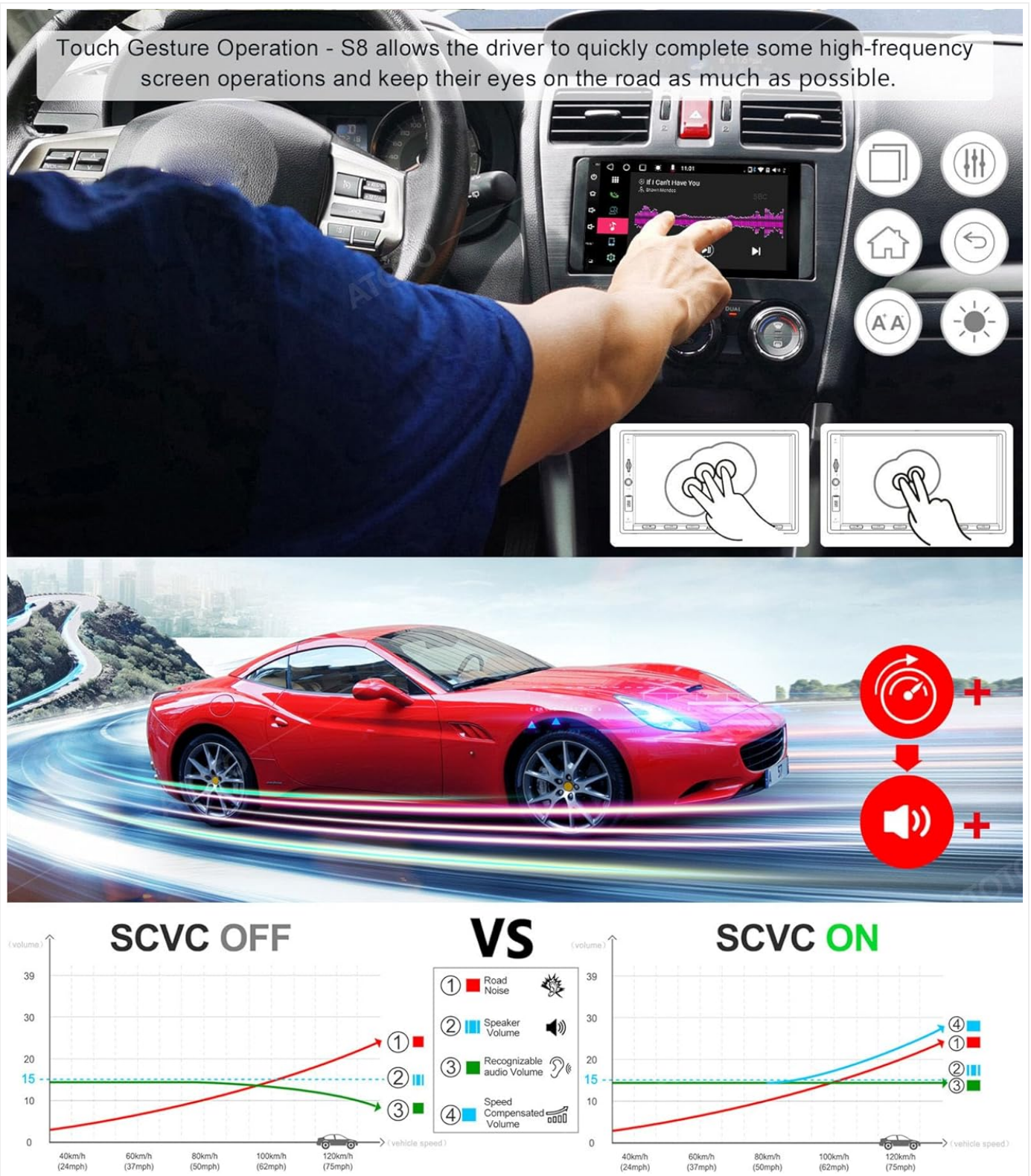


Figure 4.2: Touch gesture operations for quick access to functions.


4.3 Internet Access and Connectivity

The S8 Premium offers multiple ways to access the internet:

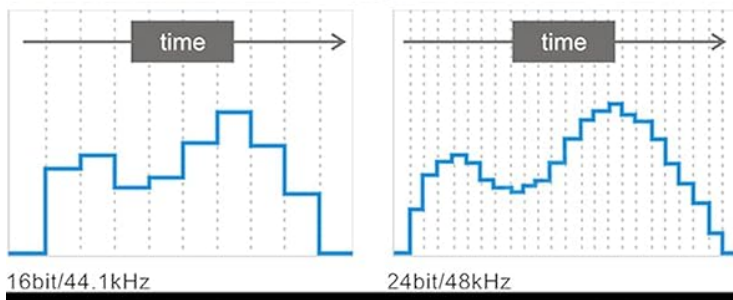
- **Wi-Fi Hotspot:** Connect to your phone's hotspot or a local Wi-Fi network.
- **Bluetooth Tethering:** Share your phone's data connection via Bluetooth (lower power consumption than Wi-Fi).
- **USB Network Tethering:** Share phone data via USB connection (exclusive ATOTO feature, requires EasyConnect app).

01  **Qualcomm® aptX™**

Super Bluetooth-with aptX codec, Privacy Protect and voice command assistant feature.



Wireless HD sound **High signal output for amazing sound** **Minimal sound distortion**



16bit/44.1kHz 24bit/48kHz

02 **Ultra Clear QLED Display**

Quantum film LED-backlit LCD tech, great color effect (R.G.B), retains the advantages of IPS display.



First Gen(TN-LCD)	New Gen(QLED)	2nd Gen(IPS-LCD)
		

03 

Virtual surround view rearview parking-HD Bird's -Eye View of Surroundings-Easy Installation





720P picture quality **480 lines picture quality**

This feature requires only single camera, a specified ATOTO AC-HD03LR720P camera (sold separately)

Figure 4.3: Various internet access methods and phone mirroring capabilities.

4.4 Dual Bluetooth and Audio Features

Equipped with Dual Bluetooth (BT1 5.0 & BT2 4.1) chips, the S8 allows for multi-connections. BT1 supports Qualcomm aptX HD

codec for 24-bit music quality. The built-in Digital Signal Processor (DSP) allows precise equalization, signal delay, bass boost, and bass filter adjustments (9 preset EQ modes, 32 adjustable frequency bands).

4.5 CarPlay and Android Auto

The S8 Premium supports both wired and wireless CarPlay, and wired Android Auto. This seamlessly integrates your smartphone for calls, music, messages, and navigation.

4.6 Speed Compensated Volume Control (SCVC)

SCVC automatically adjusts the system volume based on vehicle speed, compensating for road and wind noise to maintain consistent audio levels.

4.7 DriveChat AI Driving Assistant

Utilize the DriveChat APP for AI-powered voice control. Manage calls, music, and other functions with simple voice commands, enhancing driving safety. Customize wake-up words and interact with multiple Drivebots for specific needs.



Figure 4.4: DriveChat AI for voice control and intelligent conversations.

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Video 4.1: Overview of the main features of the ATOTO S8G2B74PM head unit, including UI and connectivity.

5. ADVANCED FEATURES

5.1 TrackHU GPS Tracking

TrackHU is a GPS tracking application designed for ATOTO Android systems. It simplifies vehicle location tracking without needing a separate SIM card or battery. The app can be hidden for privacy and automatically runs when the car starts. It provides real-time tracking, detailed driving reports, and instant notifications for geofence crossings or online/offline mode changes.

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Video 5.1: A detailed explanation of the TrackHU GPS Tracking APP for ATOTO Android Systems, highlighting its features and usage.

5.2 HD Virtual Surround-View (VSV) and Live Rear-View (LRV)

When paired with specific ATOTO AC-HD03LR cameras (sold separately), the S8 Premium can display an HD Virtual Surround-View and Live Rear-View. This feature provides an expanded field of view, removing obstructions from headrests and rear pillars, aiding in parking and maneuvering.

3 Ways to Access the Internet



EasyConnection - Cast what's displayed on your smartphone to S8's large screen



Seamless Phone Integration

It seamlessly integrates your smartphone with the S8's built-in display and allows you to make phone calls, access your music, send and receive messages, get directions while you stay focused on the road.

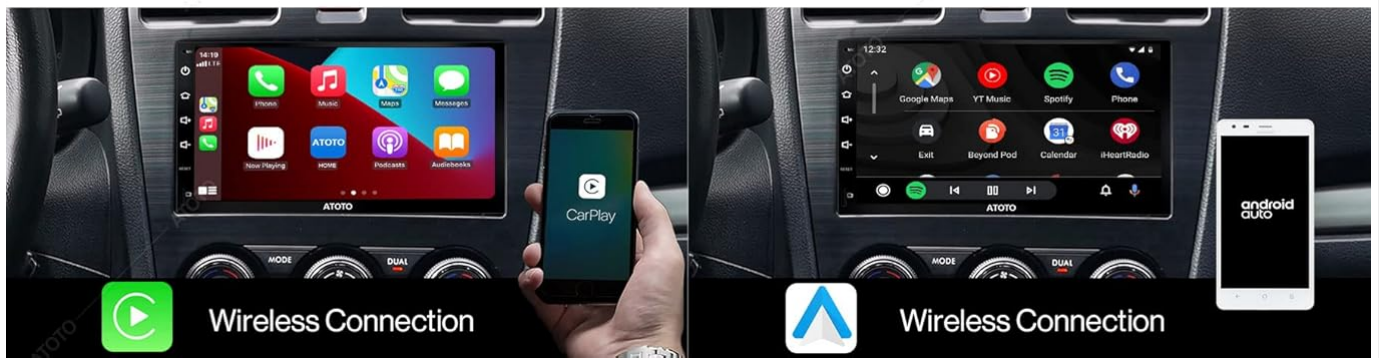


Figure 5.1: Visual representation of the HD Virtual Surround-View feature.

6. SPECIFICATIONS

Feature	Detail
SoC Chip	UNISOC 7862 ARM Cortex Octa-Core (up to 1.8GHz) CPU with ARM Mali-G52 MP2 GPU, 12nm manufacturing process
System Version	ATOTO AICE UI 11.0 (based on Android Q/10.0)
Display	7-inch 1024*600 5-Touch Capacitive QLED Touchscreen (600cd/m2)
Bluetooth	Dual Bluetooth (BT1 5.0 with aptX & aptX HD, BT2 4.1 for tethering/BLE)

Pre-Amplifier	Built-in Max 4*49W BTL Amplifier with RMS 4*29W
DSP	Built-in Digital Signal Processor (9 EQ Modes, 32 adjustable frequency bands)
GPS/Navigation	Built-in GPS Receiver module with external GPS antenna, Google Maps pre-installed
Phone Mirroring	EasyConnect app pre-installed (USB/WiFi for iOS & Android)
CarPlay/Android Auto	Wired/Wireless CarPlay, Wired Android Auto
Internet Access	Wi-Fi Hotspot, Bluetooth Tethering, USB Network Tethering
Rearview Camera Input	Supports 720P HD video signal (for specific HD rearview cameras)
USB Ports	2 USB interfaces for data communication, external storage, phone connection
Micro SD Slot	Supports up to 512GB storage card
Dimensions	10.16 x 9.06 x 6.22 inches (Package)
Item Weight	3.83 pounds



Wireless IR Steering Wheel Remote Control Interface



Compatible with original steering wheel control (conditions may apply)



Figure 6.1: Feature comparison across various ATOTO S8 models.

7. MAINTENANCE

7.1 Cleaning the Display

To clean the QLED display, use a soft, lint-free cloth. For stubborn smudges, lightly dampen the cloth with a screen cleaner solution. Avoid abrasive materials or harsh chemicals that could damage the screen.

7.2 Software Updates

ATOTO provides continuous system firmware updates. Regularly check for and install updates to ensure optimal performance, new features, and security enhancements. Updates can typically be performed over Wi-Fi.

8. TROUBLESHOOTING

8.1 No Power

- Check all power connections to ensure they are secure and correctly wired.
- Verify the vehicle's fuse for the stereo is not blown.
- Ensure the vehicle's ignition is on.

8.2 No Sound

- Check speaker wire connections.
- Ensure the volume is not muted or set too low.
- Verify the correct audio output source is selected.
- If using an external amplifier, check its power and connections.

8.3 GPS Signal Issues

- Ensure the GPS antenna is properly connected and placed in an unobstructed location (e.g., dashboard).
- Verify GPS is enabled in the system settings.

8.4 Connectivity Problems (Bluetooth/Wi-Fi)

- Restart the S8 unit and your connected device.
- Forget and re-pair Bluetooth devices.
- Check Wi-Fi network settings and password.

9. WARRANTY AND SUPPORT

ATOTO offers 12+6 months of product care. For technical support, warranty claims, or further assistance, please refer to the contact information provided in your product packaging or visit the official ATOTO website. Continuous system firmware updates are available to ensure your device remains up-to-date.

You can also find additional resources and support via the ATOTO App Store (FindApps) and by seeking help through your order center or [eproductcase](#).

