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ATOTOEXCEL S8G2094MS-S04

ATOTOEXCEL S8MS S8G2094MS-S04 9-inch Android Car Stereo User Manual

Model: S8G2094MS-S04 | Brand: ATOTOEXCEL

1. Product Overview

The ATOTOEXCEL S8MS S8G2094MS-S04 is an 8-Core 9-inch Android Double DIN Car Stereo designed to enhance your in-car experience. It features 4G LTE connectivity, Wireless CarPlay & Android Auto, an integrated OBD2 Scanner, and advanced audio processing. This manual provides essential information for installation, operation, and maintenance.



Image: The main unit of the ATOTOEXCEL S8MS S8G2094MS-S04 9-inch Android Car Stereo, showcasing its sleek design and touchscreen display.

2. What's in the Box

Verify that all components are present before proceeding with installation.

- Car Stereo (S8G2094MS-S04)
- AC-4450 Bluetooth OBDII Scanner
- 16-Pin Wire Harness
- Rear Camera Input Cable
- Front Recording Camera Cable
- RCA Connector
- Audio Output Cable
- 4G LTE Antenna
- GPS Antenna
- USB External Storage Cable
- USB Phone Link Cable

- External Microphone
- Double DIN Brackets
- Mounting Brackets
- Mounting Screws
- SIM Card Ejector Pin
- DIN Sleeve
- 2 x Screen Protectors
- Online Resources Quick Guide
- Product Care Online Support Card



Image: A visual representation of all items included in the product packaging, such as the main unit, cables, antennas, and accessories.

3. Setup & Installation

3.1 Compatibility and Mounting

The S8G2094MS-S04 is designed for standard double-DIN openings and is compatible with most double-DIN dash kits. Use the provided mounting brackets and screws for secure installation. For vehicle-specific installations, additional dash kits may be required.

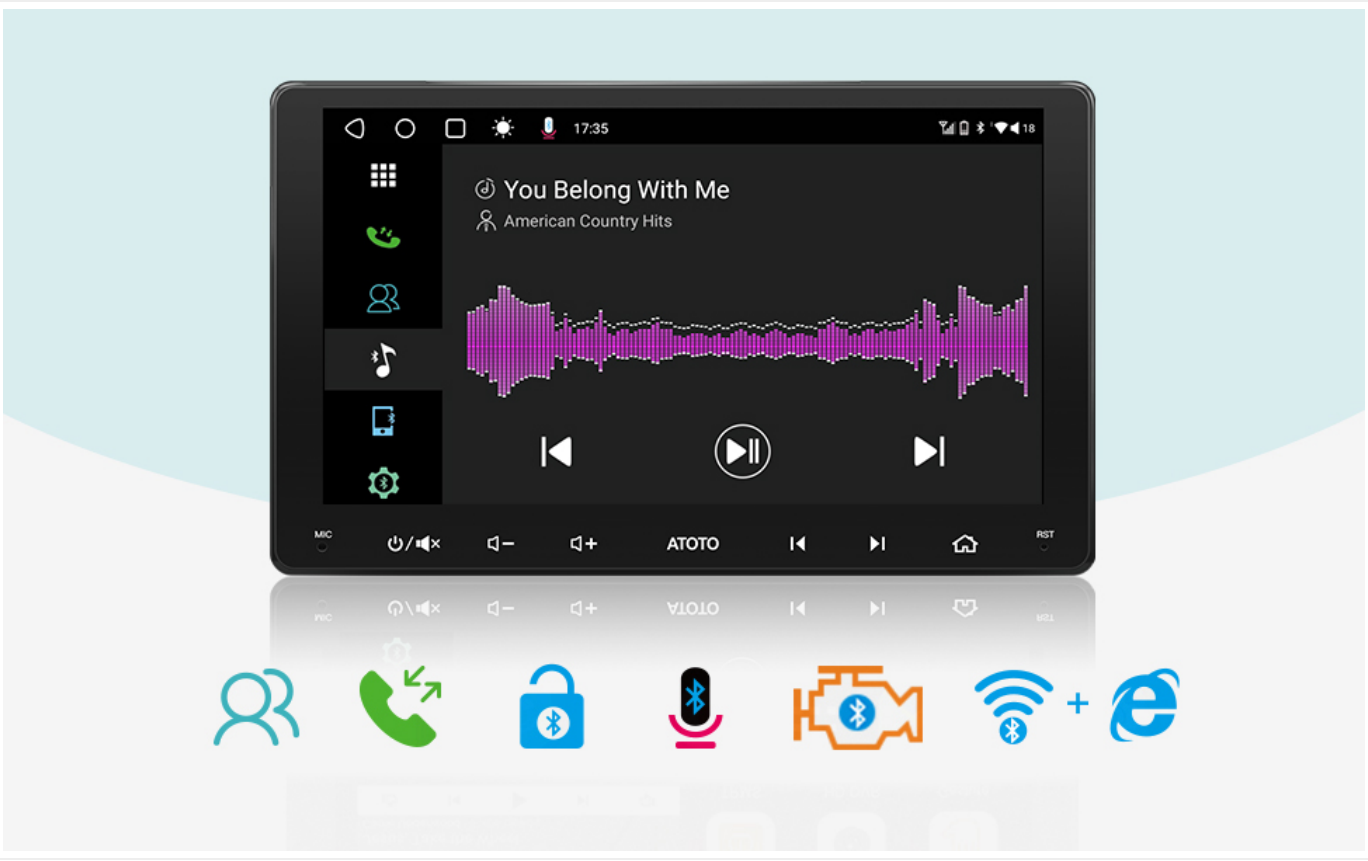


Image: A diagram illustrating the dimensions of the 9-inch display and the double-DIN chassis, along with two common installation methods: standard double-DIN and vehicle-specific opening.

3.2 Wiring Diagram

Carefully follow the wiring diagram for proper connection of power, speakers, antennas, and external devices. Incorrect wiring can damage the unit or your vehicle's electrical system.



Image: A detailed wiring diagram showing connections for power, speakers, antennas, and other peripherals, with labels for each pin and connector.

4. Operating Instructions

4.1 Power On/Off and Initial Setup

The unit features a fast boot-up time. Upon first power-on, follow the on-screen prompts for initial setup, including language, time zone, and network configuration.

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Video: An overview of the ATOTOEXCEL S8MS S8G2094MS-S04, demonstrating its fast boot-up, Android Q interface, and various features like CarPlay, Android Auto, and DSP.

4.2 Touchscreen and Gesture Control

The 9-inch QLED touchscreen offers a 1280x720 resolution with a 178° viewing angle and anti-glare properties. The unit supports six touch gestures for quick access to functions:

- **Three-finger scroll:** Adjust screen brightness.
- **Two-finger scroll-up:** Access the multi-task menu.
- **Two-finger tap:** Return to the home screen.
- **Two-finger scroll-down:** Access quick settings.
- **Two-finger scroll (left/right):** Navigate between apps.
- **Three-finger tap:** Toggle between full-screen and split-screen modes.

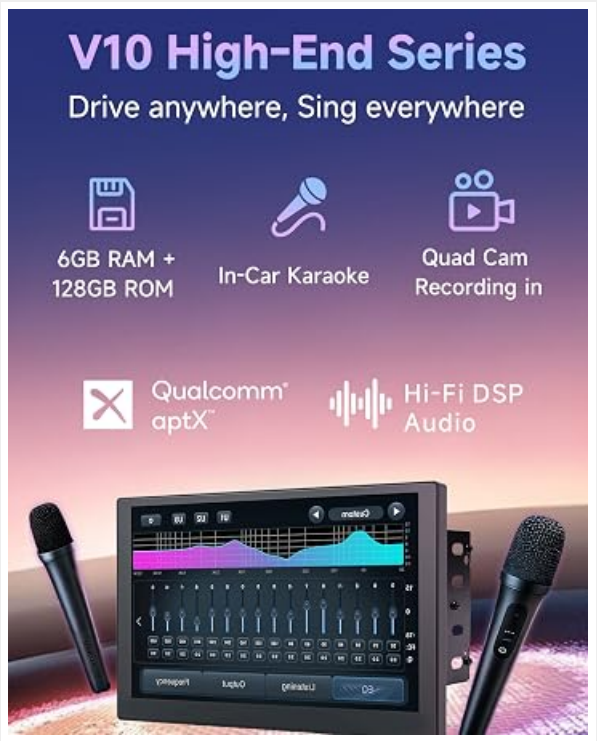


Image: A visual guide demonstrating the six supported touch gestures on the 9-inch QLED screen for quick navigation and control.

4.3 Internet Connectivity

The S8G2094MS-S04 offers multiple ways to stay connected:

- **Built-in 4G LTE:** Insert a SIM card for independent internet access.
- **Wi-Fi Hotspot:** Connect to your phone's Wi-Fi hotspot.
- **Bluetooth Tethering:** Use your phone's Bluetooth for internet access (BT2).
- **USB Tethering:** Connect your phone via USB for internet access.



Image: A diagram illustrating the four internet access options: Cellular Network (4G LTE), Wi-Fi Hotspot, Bluetooth Tethering, and USB Tethering.

4.4 Wireless CarPlay & Android Auto

Connect your smartphone wirelessly or via USB to access navigation, music, calls, and messages safely while driving.

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Video: A demonstration of Wireless CarPlay and Android Auto functionality on the S8MS S8G2094MS-S04, including navigation, music playback, and voice commands.

4.5 DriveChat AI Voice Assistant

Utilize DriveChat, powered by ChatGPT, for intelligent voice assistance. Manage calls, control music, and get answers to your questions hands-free. Switch between multiple Drivebots for customized assistance and personalize wake-up words.



Image: An icon representing the DriveChat AI Voice Assistant, highlighting its integration with ChatGPT for intelligent interactions.

4.6 Superior In-Car Audio Experience (DSP)

The built-in Digital Signal Processor (DSP) provides advanced audio controls:

- **32-band Adjustable EQ:** Fine-tune each frequency band for a personalized sound profile.

- **9 EQ Presets:** Choose from pre-configured sound settings.
- **Time Correction:** Adjust sound field and positioning for consistent immersive audio.
- **Speed Compensated Volume Control (SCVC):** Automatically adjusts volume based on driving speed to counteract road and wind noise.

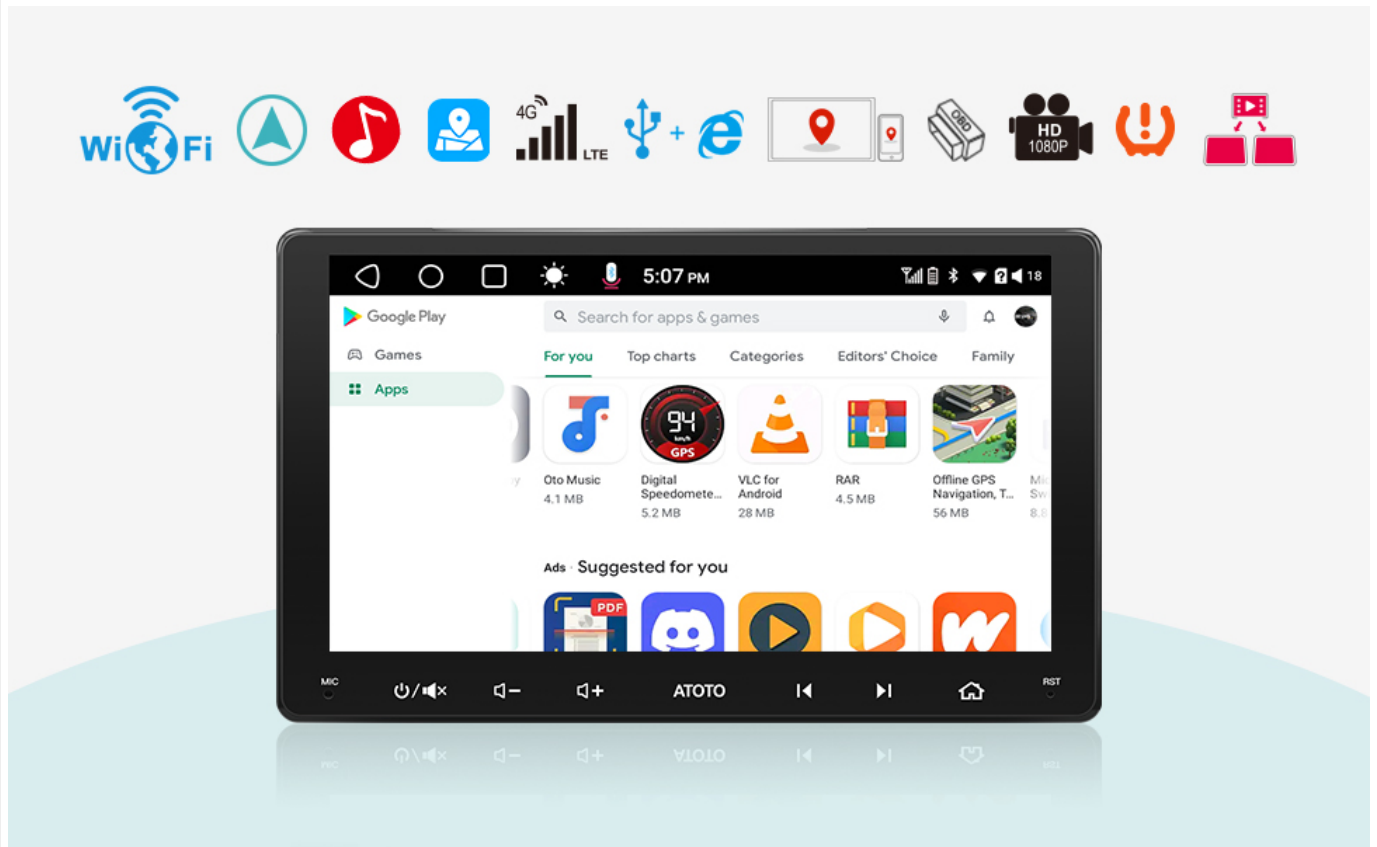


Image: Screenshots of the Digital Signal Processor (DSP) interface, showing options for time alignment, advanced EQ, and speed-compensated volume control.

4.7 GPS Tracking (TrackHU App)

The pre-installed TrackHU app provides real-time GPS tracking, precise 4-satellite positioning, and playback features for your vehicle.



Image: The icon for the TrackHU GPS Tracking App, featuring a map pin symbol.

4.8 OBD2 Scanner Integration

The included AC-4450 Bluetooth OBD2 scanner allows real-time vehicle monitoring and diagnostics. View engine data, clear fault codes, and check emissions readiness through the Torque app.



Image: The Torque app interface displaying various vehicle parameters like RPM, speed, coolant temperature, and throttle position, indicating real-time diagnostics.

4.9 Camera Integration

The unit supports 1080P recording cameras (AC-FCR04W for front view and AC-RCR04W for rear view, sold separately). It also supports 720P HD rearview signal input for backup cameras, allowing you to set up custom navigation guides when reversing. Live Rear View (LRV) functionality is available.

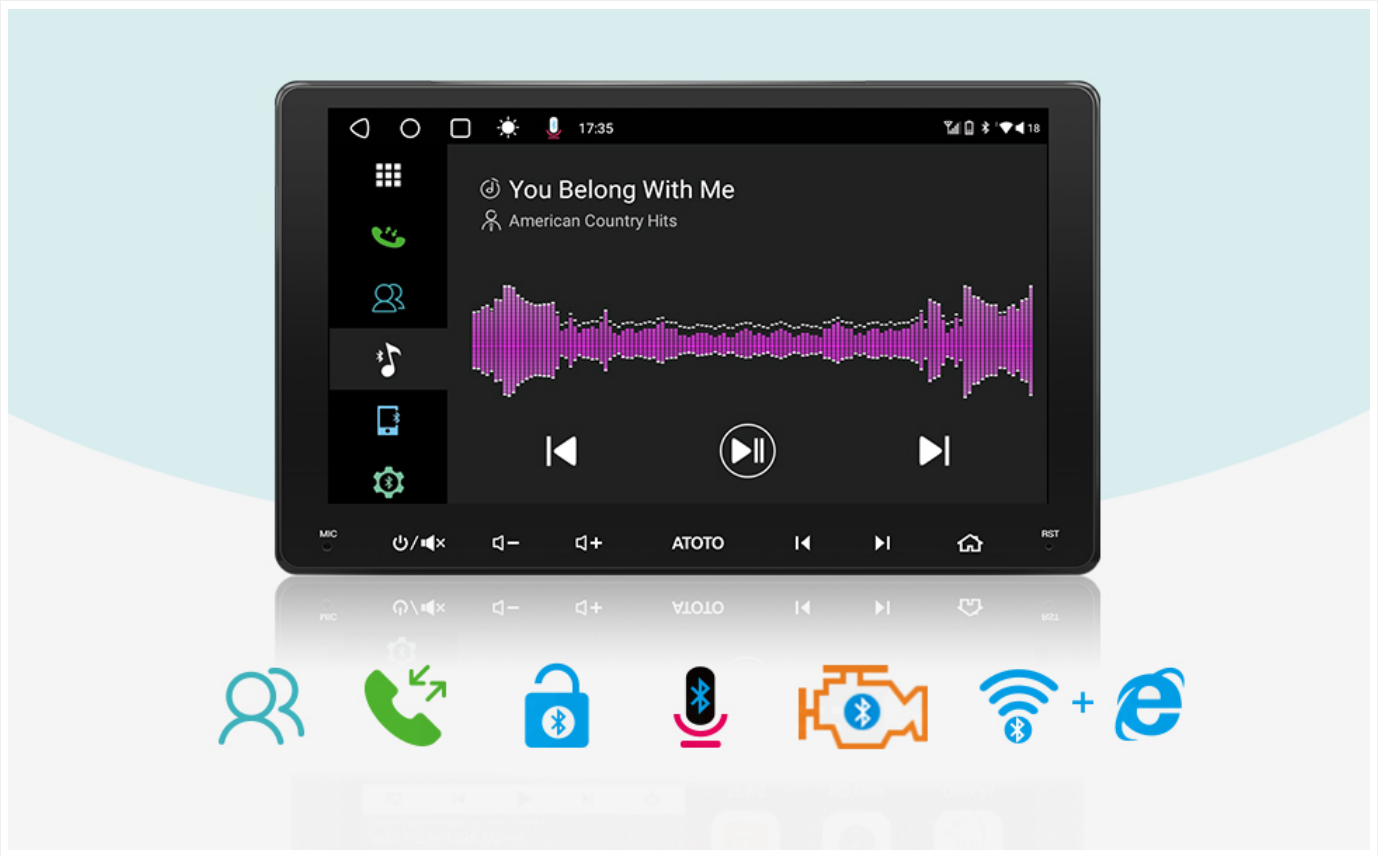


Image: A diagram illustrating the integration of optional AHD 1080P front and rear recording cameras (AC-FCR04W and AC-RCR04W) with the car stereo, showing recording, backlight compensation, automatic gain control, and live rear view features.

4.10 Dual Bluetooth

The S8MS features Dual Bluetooth (BT1 & BT2) for enhanced connectivity:

- **BT1:** Handles hands-free calls, A2DP audio streaming, and voice assistant functions.
- **BT2:** Supports internet access via phone tethering or connection to the AC-4450 Bluetooth OBD2 scanner.



Image: A visual representation of the Bluetooth screen lock feature, which automatically unlocks the screen upon reconnection, enhancing security.

4.11 Split-Screen Display

Utilize the split-screen display feature to run two applications simultaneously, such as navigation and music, for improved multitasking.



Image: A screenshot of the car stereo display showing two applications running side-by-side in split-screen mode, demonstrating multitasking capability.

4.12 Steering Wheel Controls

The S8G2094MS-S04 is compatible with most original steering wheel controls. It can also learn and customize control functions through the vehicle's infotainment system. For vehicles without built-in steering wheel controls, the ATOTOEXCEL AC-44F8 Steering Wheel Control (sold separately) is recommended.



Image: A visual showing a steering wheel with integrated controls and a separate external steering wheel control unit, highlighting compatibility and customization options.

5. Maintenance

5.1 General Care

To maintain the performance and appearance of your car stereo, regularly clean the screen with a soft, lint-free cloth. Avoid using harsh chemicals or abrasive materials. Keep the unit free from dust and moisture.

5.2 Software Updates

ATOTOEXCEL regularly releases firmware updates to introduce new features, improve performance, and fix bugs. It is recommended to keep your device updated for the best user experience. Updates can typically be performed over-the-air (OTA) via the FindApps application.



Image: A screenshot of the car stereo display showing a system update in progress, with a percentage indicator and an 'Updating...' message.

6. Troubleshooting

If you encounter issues with your ATOTOEXCEL S8MS S8G2094MS-S04, refer to the following common troubleshooting steps:

- **No Power:** Check all power connections and ensure the vehicle's ignition is on. Verify fuses.
- **No Sound:** Check speaker connections, volume levels, and audio settings (EQ, balance). Ensure the correct audio output mode is selected.

- **Touchscreen Unresponsive:** Perform a soft reset by pressing the RST button (if available) or power cycling the unit.
- **Connectivity Issues (4G/Wi-Fi/Bluetooth):** Ensure antennas are properly connected. Check network settings and signal strength. For Bluetooth, ensure devices are discoverable and paired correctly.
- **CarPlay/Android Auto Not Connecting:** Verify USB cable integrity (if wired), ensure phone settings allow projection, and check for app updates.
- **Camera Display Issues:** Check camera connections and ensure the correct camera input is selected in settings. Verify camera power supply.
- **System Lag/Slow Performance:** Close unused applications, clear cache, or perform a factory reset if necessary (backup data first).

For persistent issues, consult the online support resources or contact ATOTOEXCEL customer service.

7. Specifications

Feature	Detail
Item Weight	4.41 pounds
Package Dimensions	11.5 x 9.65 x 4.33 inches
Item Model Number	S8G2094MS-S04
Voice Command	Touchscreen
Brand	ATOTOEXCEL
Vehicle Service Type	Car
Special Features	Android System, 8-Core 4GRAM and 32GROM, Built-in 4G LTE, WIFI/Bluetooth/USB Tethering, Dual Bluetooth, DriveChat AI, GPS Tracking, 9 inch QLED Touchscreen, Wireless CarPlay & Android Auto
Connectivity Technology	4G LTE, Dual Bluetooth, USB, Wi-Fi
Map Type	Road
Included Components	AC-4450 Bluetooth OBDII Scanner, Car Stereo
Audio Output Mode	Stereo, Mono
Human Interface Input	Touchscreen

Compatible Devices	Amplifier, Smartphone, Speaker

8. Warranty & Support

8.1 Warranty Information

This product comes with a 1-Year Manufacturer Warranty. Please retain your proof of purchase for warranty claims.

8.2 Customer Support

For further assistance, technical support, or warranty inquiries, please refer to the 'Product Care Online Support Card' included in your package or visit the official ATOTOEXCEL website. Regular software updates are provided to ensure optimal performance and new features.



Image: A graphic displaying various support options including product care, updates, and contact methods for seeking help.

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