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## ATOTOEXCEL S8MS

# ATOTOEXCEL S8MS 8-Core 7" QLED Android Double DIN Car Stereo User Manual

Model: S8MS | Brand: ATOTOEXCEL

## Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your ATOTOEXCEL S8MS 8-Core 7" QLED Android 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.

## Key Features

- **Next-Level Hardware:** Powered by a 12nm Octa-Core 1.8GHz A75 CPU, 4GB RAM, and 32GB storage for fast app launches and smooth navigation.
- **Reliable 4G LTE:** Independent, stable internet connection without requiring a phone hotspot.
- **DriveChat AI Voice Assistant:** Powered by ChatGPT 5.2 and Gemini 3.0 for hands-free control and personalized assistance.
- **Wireless CarPlay & Android Auto:** Seamless integration with your smartphone for navigation, music, and communication.
- **GPS Tracking with TrackHU:** Real-time tracking, precise 4-satellite positioning, and playback features.
- **Advanced Sound Adjustment:** Built-in DSP, 32-band EQ, 9 EQ modes, and Speed Compensated Volume Control (SCVC).
- **Dual Camera Support:** Connect two WDR cameras for clear front and rear views, including night vision and glare suppression. Includes AC-HD01LR backup camera.
- **Stunning QLED Full Lamination Screen:** 7-inch 1280x720 QLED display with 178° viewing angle, enhanced glare reduction, and strong light suppression.
- **Dual Bluetooth & BLE Unlock:** Bluetooth 5.0 for stable connections, pairing up to seven BLE devices, and automatic screen lock/unlock for privacy.

## Setup

### Physical Installation

The S8MS is designed for universal Double-DIN mounting. Ensure your vehicle's dash kit is compatible. The package includes necessary mounting brackets and an installation frame. Professional installation is recommended.




Image: Product dimensions (178mm x 104mm) and a visual representation of included accessories such as the car stereo, AC-HD01LR backup camera, wiring harnesses, GPS antenna, 4G LTE antenna, RCA connector, USB cables, external microphone, double DIN brackets, mounting screws, SIM card ejector pin, installation frame, and screen protectors.

## Wiring Diagram

Refer to the detailed wiring diagram below for connecting power, speakers, cameras, and other peripherals. Ensure all connections are secure before powering on the unit.

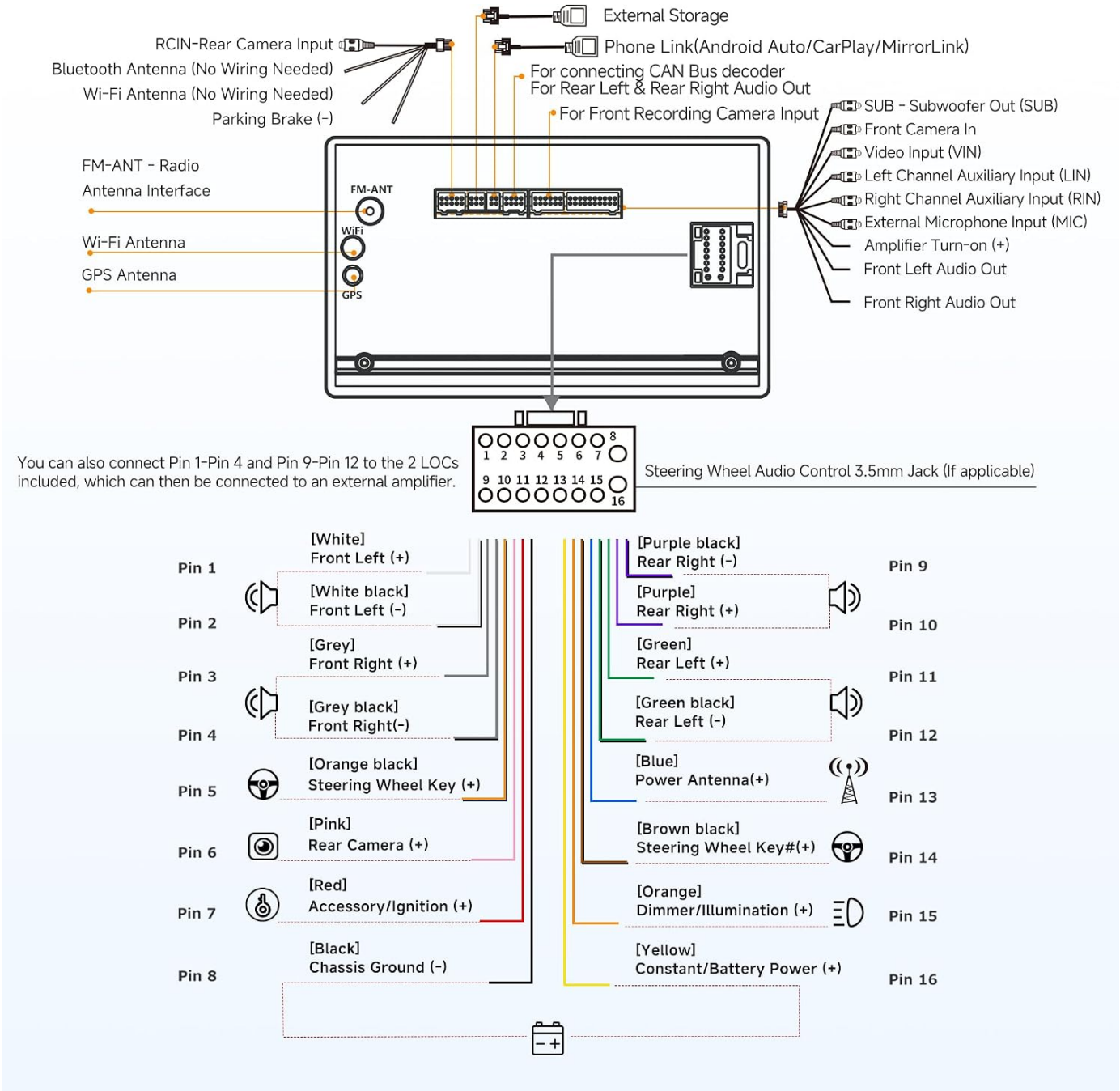



Image: A comprehensive wiring diagram showing connections for RCIN (Rear Camera Input), External Storage, Phone Link (Android Auto/CarPlay/MirrorLink), Wi-Fi Antenna, Bluetooth Antenna, Parking Brake, FM-ANT Antenna, GPS Antenna, SUB (Subwoofer Out), Video Input (VIN), Left/Right Channel Auxiliary Input (LIN/RIN), External Microphone Input (MIC), Amplifier Turn-on, Front/Rear Left/Right Audio Out, and the 16-pin power harness with individual wire color codes and functions.

## Network Connection

The S8MS offers four methods for internet access: Cellular Network (built-in 4G LTE), Wi-Fi Hotspot, Bluetooth Tethering, and USB Tethering. Insert a 4G SIM card for direct cellular access or connect to your phone's hotspot via Wi-Fi or Bluetooth.




Image: Diagram illustrating the four internet access methods: Cellular Network (4G LTE), Wi-Fi Hotspot, Bluetooth Tethering, and USB Tethering, along with icons representing the device's hardware specifications like Android 10.0, 4G+32G, 8-Core ARM Cortex 1.8 GHz, 12nm manufacturing process, 1280*720 QLED with 178° viewing angle, and MAX 4*45W, RMS 4*24W Preamp.

## Operating Instructions

### Display and Interface

The 7-inch QLED display provides vibrant colors and wide viewing angles. Utilize the six touch gestures for quick settings access and the split-screen display feature to run two applications simultaneously.

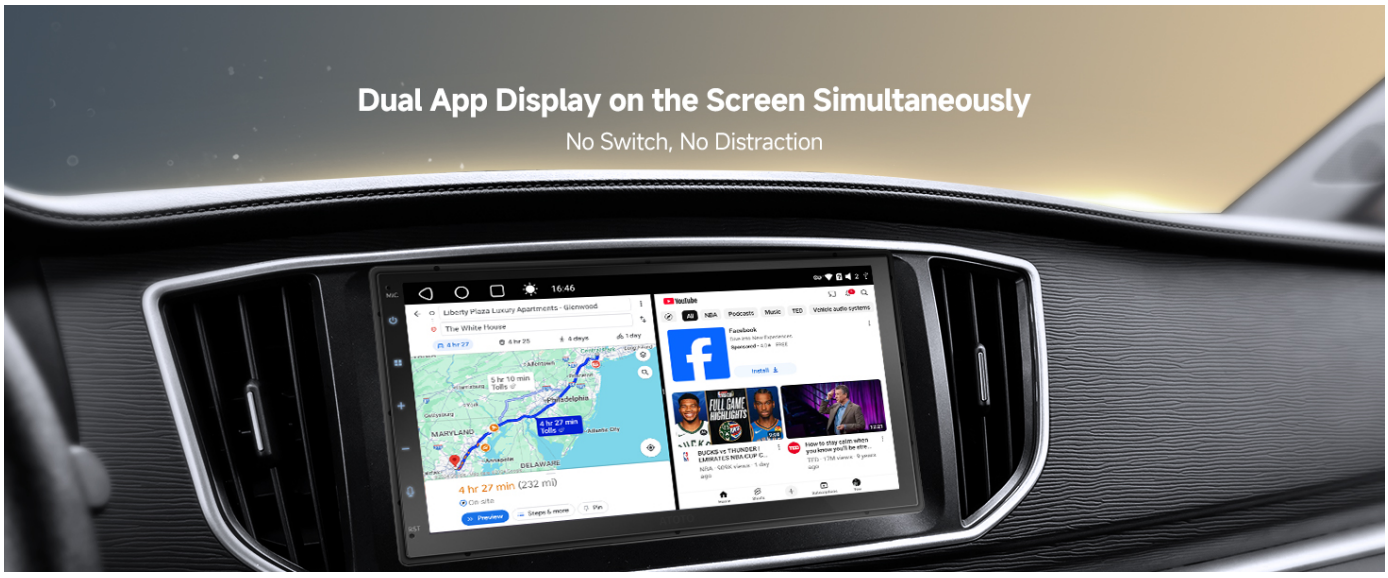



Image: A car stereo display showing a map on one side and music controls on the other, highlighting the QLED Optically Bonded Display for vivid visuals and the 12nm octa-core CPU with 4GB+32GB for multitasking.

Image: The car stereo screen displaying two applications side-by-side: a navigation map and a video streaming app, demonstrating the dual app display feature.

### Wireless CarPlay & Android Auto

Connect your iPhone or Android smartphone wirelessly or via USB to access CarPlay or Android Auto. Enjoy navigation, music, messages, and calls directly from the stereo display using voice commands (Siri/Google Assistant).




Image: Icons for CarPlay, Android Auto, and CarbitLink (Phone Mirroring) with screenshots of their interfaces on the car stereo, showing navigation, music, and app displays.

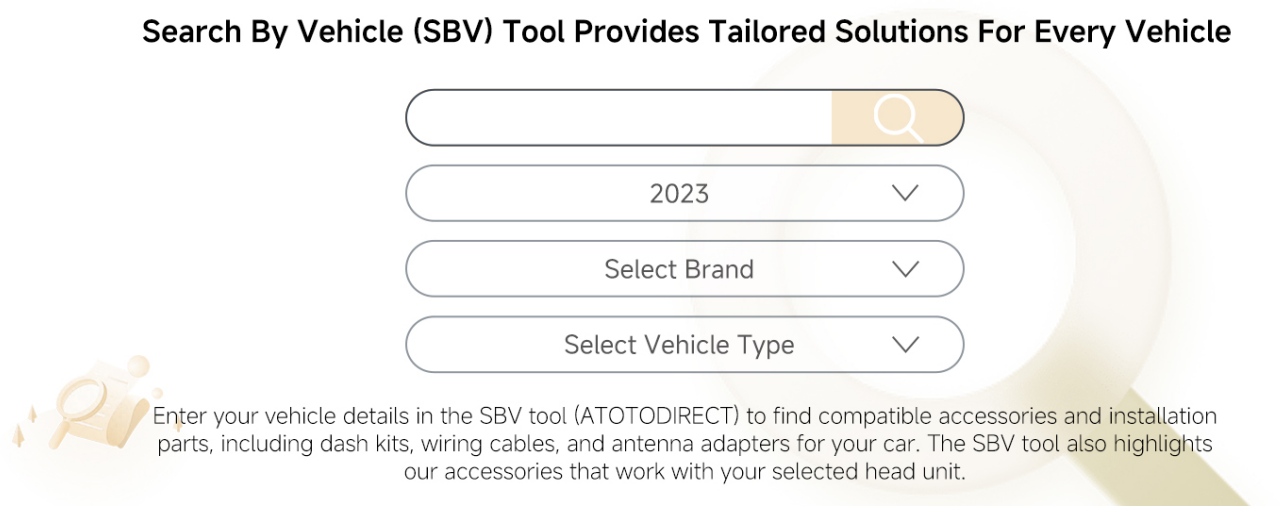



Image: A smartphone connected to the car stereo, illustrating both wired and wireless CarPlay and Android Auto options, along with a MirrorLink feature for screen mirroring.

## Audio Settings (DSP & EQ)

The built-in Digital Signal Processor (DSP) and 32-band Equalizer allow for precise audio customization. Adjust frequency bands, set time correction for optimal sound staging, and utilize Speed Compensated Volume Control (SCVC) which automatically adjusts volume based on vehicle speed to counteract road and wind noise.

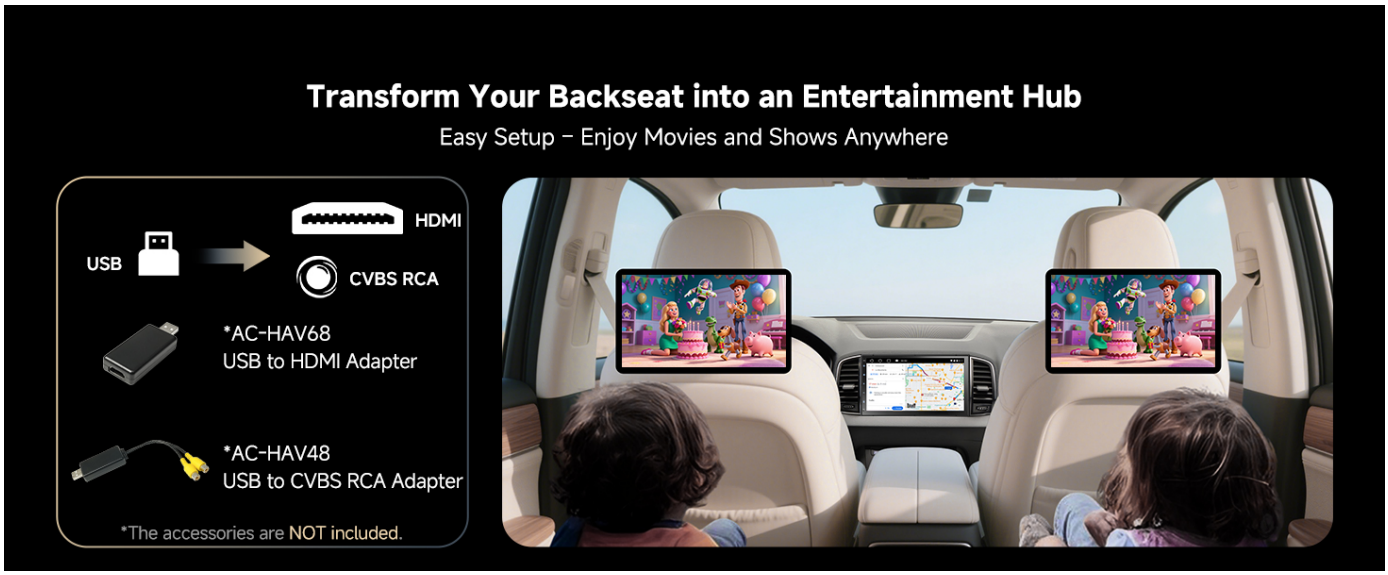



Image: Screenshots of the car stereo's audio settings interface, showing advanced EQ adjustments, Speed Compensated Volume, and Time Alignment settings for a harmonious audio experience.

## Camera System

The S8MS supports dual cameras for enhanced driving convenience. The included AC-HD01LR backup camera provides 720P HD rearview capabilities. Additionally, a front-view camera input (720P real-time) is available, accessible via the FCAM app, improving visibility in blind spots. The system also features Backlight Compensation (BLC), Automatic Gain Control (AGC), and Live Rear View (LRV).

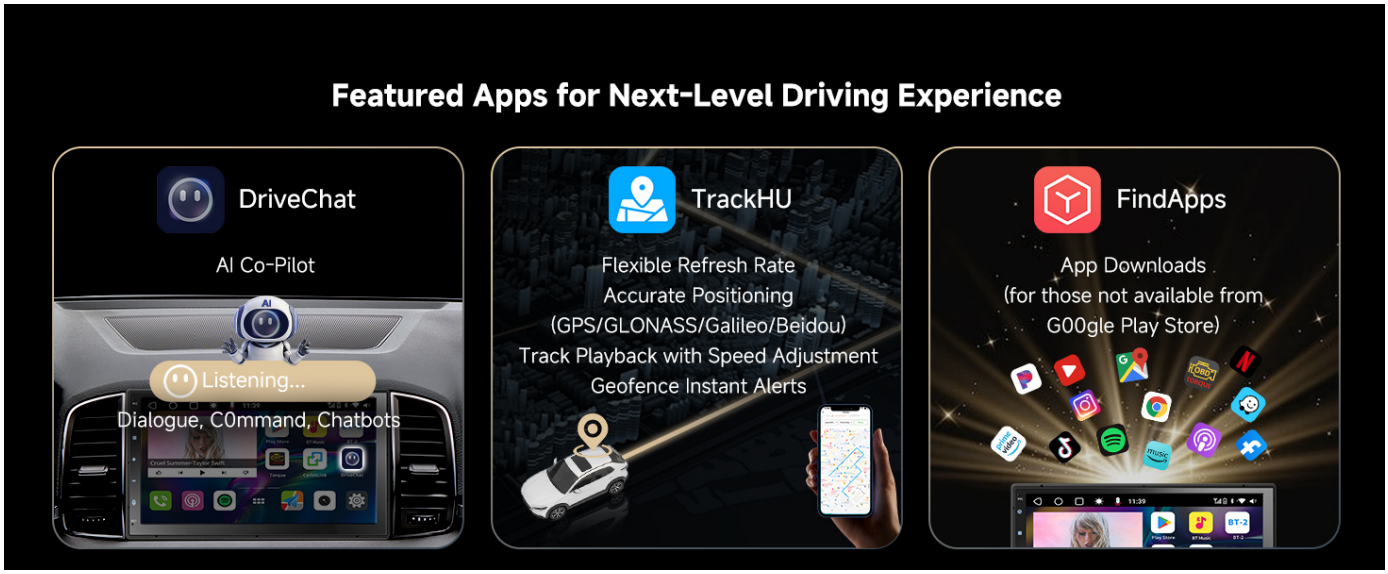



Image: Depicts the car stereo connected to an AC-HD01LR (included) and AC-RCR04W (not included) camera, showing recording features like Backlight Compensation, Automatic Gain Control, and Live Rear View.

## Bluetooth Functions

The unit features dual Bluetooth modules. BT1 handles hands-free calls, A2DP audio streaming, and voice assistants. BT2 connects to your phone for internet access (Bluetooth tethering) or to OBD2 devices for engine scans. The Bluetooth unlocking feature automatically unlocks the screen upon reconnection, enhancing security.

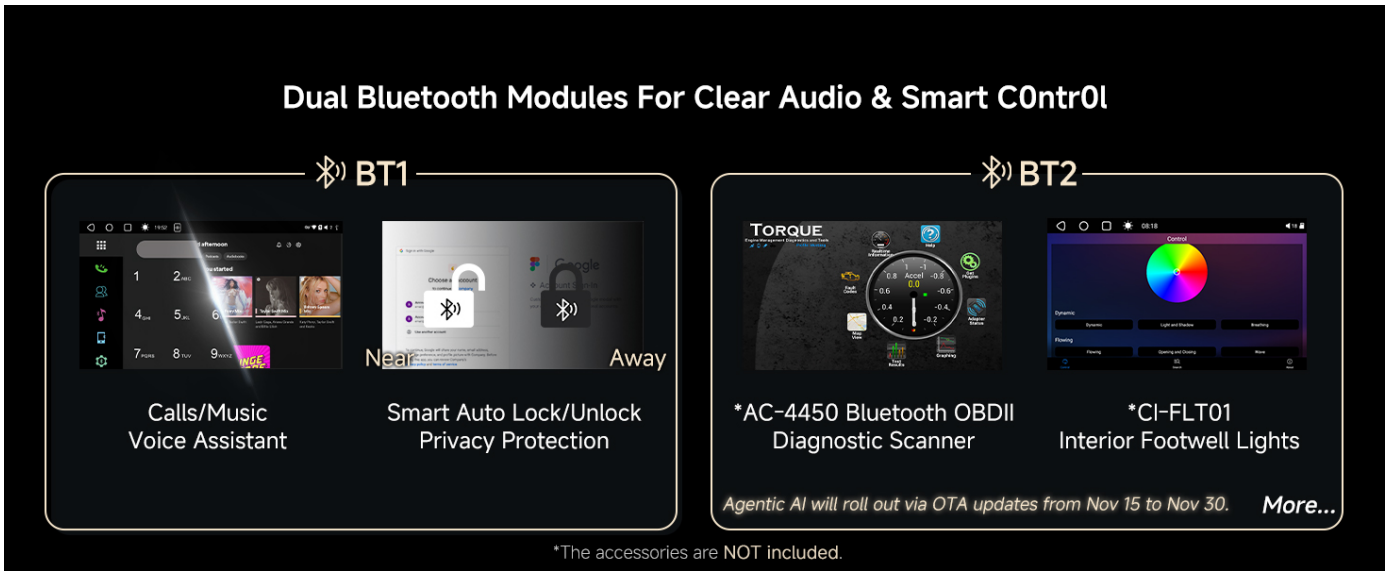



Image: Illustrates the functions of Bluetooth 1 (calls, music, voice assistant, screen lock/unlock) and Bluetooth 2 (OBDII diagnostic scanner, interior footwell lights, internet access).

## App Management

Access a broad range of applications from the Google Play Store when online. The unit also features 'FindApps', an alternative app store for applications not available on Google Play, allowing you to customize your infotainment experience.

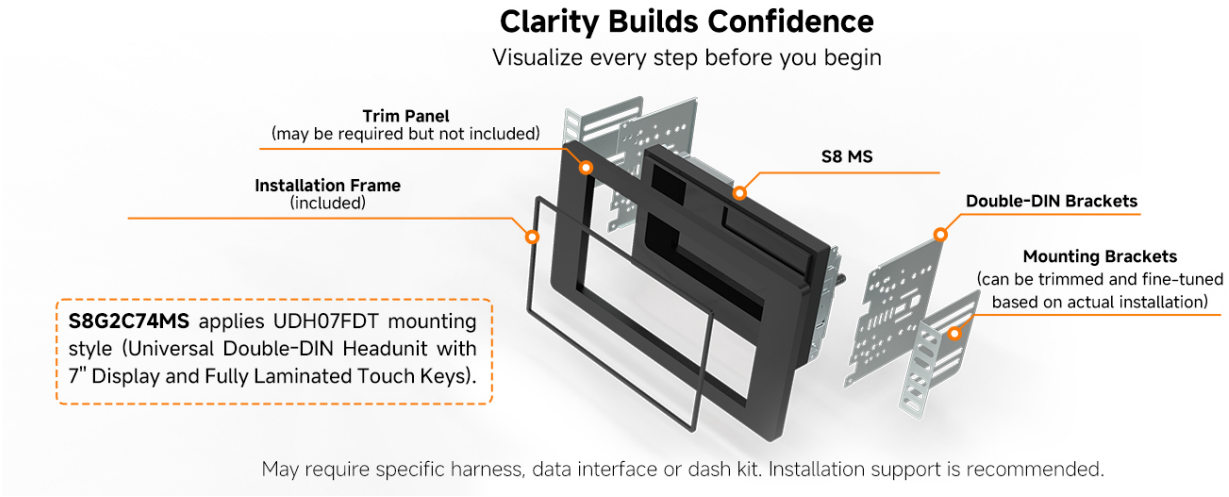



Image: Shows icons for DriveChat (AI Co-Pilot), TrackHU (GPS tracking with flexible refresh rate, accurate positioning, track playback, geofence, instant alerts), and FindApps (app downloads).

## USB Connectivity

The USB interface supports storage devices up to 2TB, allowing you to play various media files. It also supports dual-zone video output, enabling passengers in the rear to watch videos on separate screens while the driver uses navigation or other functions on the main unit.




Image: Diagram showing how to connect USB to HDMI adapter (AC-HAV68) and USB to CVBS RCA adapter (AC-HAV48) to transform the

backseat into an entertainment hub with external screens.

## Steering Wheel Controls

The S8MS is compatible with most original steering wheel controls. You can also learn and customize steering wheel control functions through the vehicle's infotainment system, or use an optional AC-44F8 wireless controller for convenient access to media and calls.

## DriveChat AI Assistant

Engage with DriveChat, an AI Co-Pilot powered by ChatGPT 5.2 and Gemini 3.0. This feature allows for hands-free call management, music control, and more, with personalized wake-up words and customizable Drivebots for tailored assistance.

## TrackHU GPS Tracking

Utilize the pre-installed TrackHU app for GPS real-time tracking. This feature provides precise 4-satellite positioning, track playback, geofence capabilities, and instant alerts, allowing you to monitor vehicle status and location.

Access TrackHU GPS Tracking Portal

## TPMS & OBD II

Monitor your tire pressure in real-time with the aid of USB Tire Pressure Monitoring System (TPMS) sensors (sold separately). Additionally, utilize the Bluetooth OBD II feature to scan and clear fault codes in your vehicle's Electronic Control Unit (ECU) via compatible apps like Torque.

# Maintenance

## Software Updates

ATOTOEXCEL regularly provides firmware updates for the S8MS to introduce new features, improve stability, and enhance performance. Ensure your device is connected to the internet to receive and install these updates. Updates are typically rolled out via OTA (Over-The-Air) through the FindApps platform.

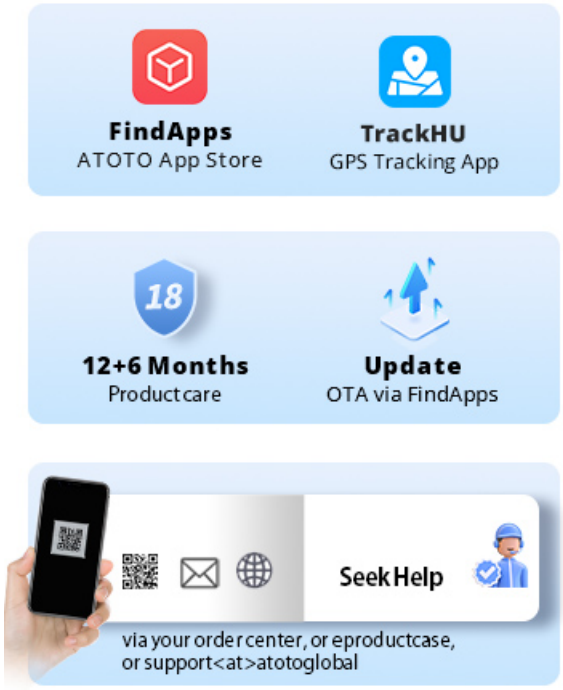



Image: An illustration showing a system update in progress, indicating the percentage of completion, representing the continuous software update process.

## 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. Ensure proper ventilation around the unit and protect it from extreme temperatures.

## Troubleshooting

If you encounter any issues with your ATOTOEXCEL S8MS, please refer to the online resources and FAQs available on the ATOTOEXCEL support website. For persistent problems, contact customer support for prompt assistance. Common issues and their solutions are often detailed in the online manual.

## Specifications

| Feature | Detail |
|---|---|
| Brand | ATOTOEXCEL |
| Model | S8MS |
| Display | 7-inch QLED, 1280x720 resolution, 178° Viewing Angle, Full Lamination Screen |
| Processor | 12nm Octa-Core 1.8GHz A75 CPU |
| Memory & Storage | 4GB RAM + 32GB Storage |
| Connectivity | 4G LTE (Built-in), Wi-Fi, Bluetooth 5.0 (Dual BT), USB Tethering |
| Smartphone Integration | Wireless CarPlay, Wireless Android Auto, MirrorLink |
| Audio | Built-in DSP, 32-Band EQ, 9 EQ Modes, 4x45 Peak / 4x24 RMS Amplifiers, SCVC |
| Camera Support | Dual Camera (Front & Rear), 720P HD Rearview (AC-HD01LR included), Live Rear View |
| AI Assistant | DriveChat (ChatGPT 5.2 & Gemini 3.0 based) |
| GPS | TrackHU App for real-time GPS tracking |
| Control Method | Touch, Voice, Steering Wheel Controls, Remote (optional) |
| USB Storage Support | Up to 2TB |
| Video Output | Dual-zone video output |

## Warranty and Support

Your ATOTOEXCEL S8MS comes with a 1-year manufacturer's warranty. Additionally, ATOTOEXCEL offers 12 + 6 months of product care (12 months from purchase, plus an extra 6 months by communication within 30 days of purchase). For online resources, prompt assistance, and continuous software updates, visit the ATOTOEXCEL support platform or contact them via your order center.

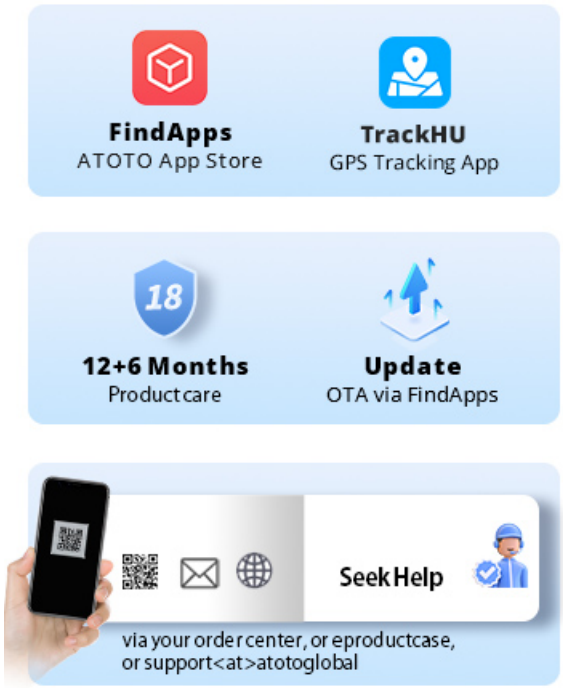



Image: Icons representing 12+6 months product care, online manual/quick guide, information about the product team, and regular updates, emphasizing continuous support and evolution of the device.

## Official Product Video

Video: An official overview of the ATOTOEXCEL S8MS 8-Core 7-inch Double DIN Stereo, showcasing its features, interface, and capabilities.

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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.

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**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

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