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

ATOTO S8G2114PM

ATOTO S8 Premium Double Din Car Stereo User Manual

Brand: ATOTO | Model: S8G2114PM

1. Introduction

The ATOTO S8 Premium (Gen2) is an advanced double DIN car stereo system designed to enhance your in-car entertainment and navigation experience. Featuring a 10.1-inch QLED display, an Octa-Core processor, and ATOTO AICE UI 11.0 based on Android Q, it offers high performance and deep customization. Key features include Wireless CarPlay & Android Auto, dual Bluetooth with aptX HD, HD Virtual Surround-View (VSV) parking, and Live Rear-View (LRV) display.
This manual provides detailed instructions for the installation, operation, and maintenance of your ATOTO S8 Premium car stereo.

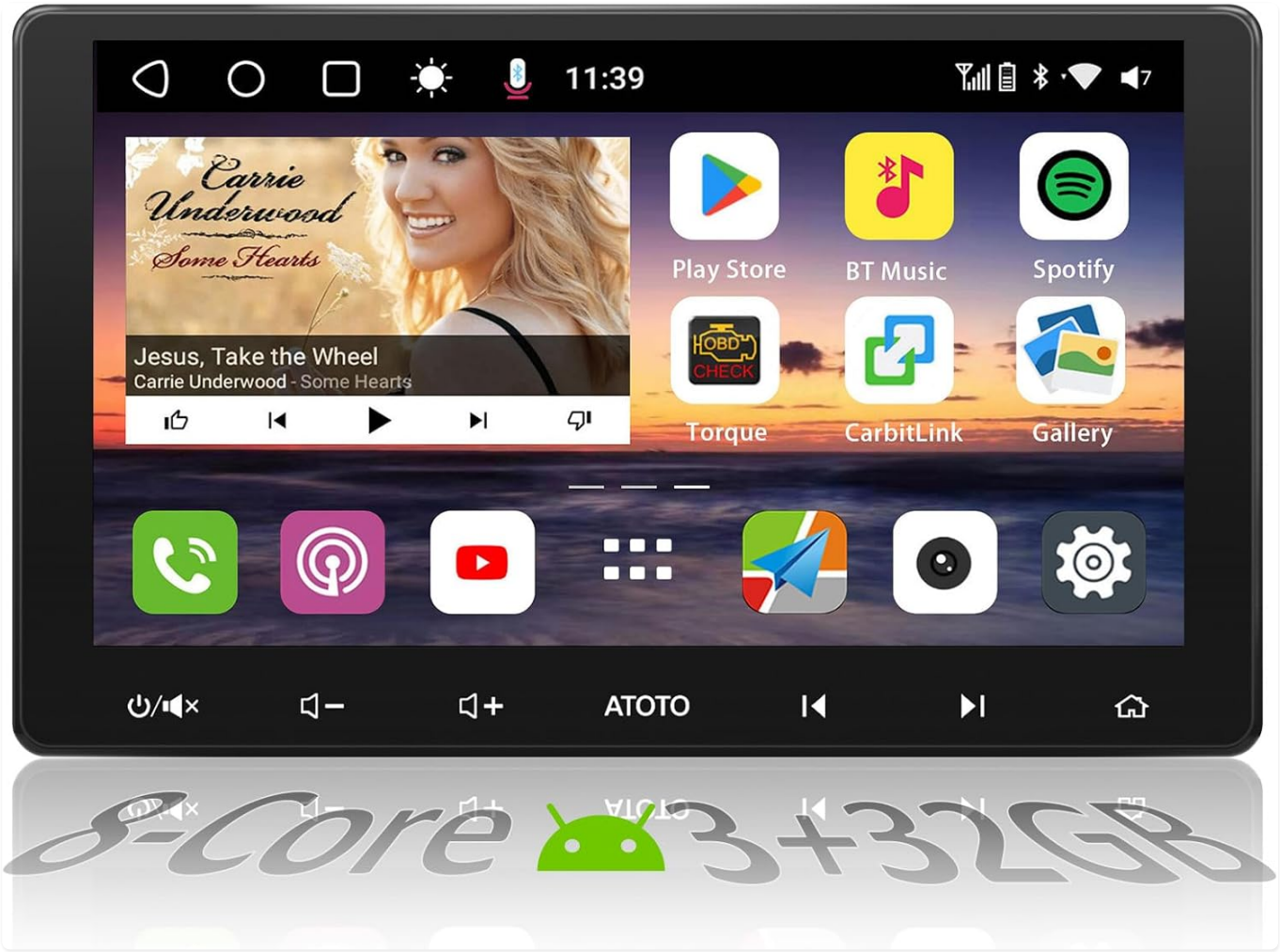


Figure 1.1: ATOTO S8 Premium Car Stereo with its main user interface displaying various applications.

2. Setup and Installation

2.1 Package Contents

Before beginning installation, ensure all components are present:

- ATOTO S8 Premium Head Unit (10.1-inch display)
- Power Cable
- USB Extension Cable
- External Microphone
- WiFi Antenna
- GPS Antenna
- Double-DIN Brackets
- Mounting Screws
- Movable Mounting Brackets
- Adaptive Cage
- Screen Protector (1 pack)

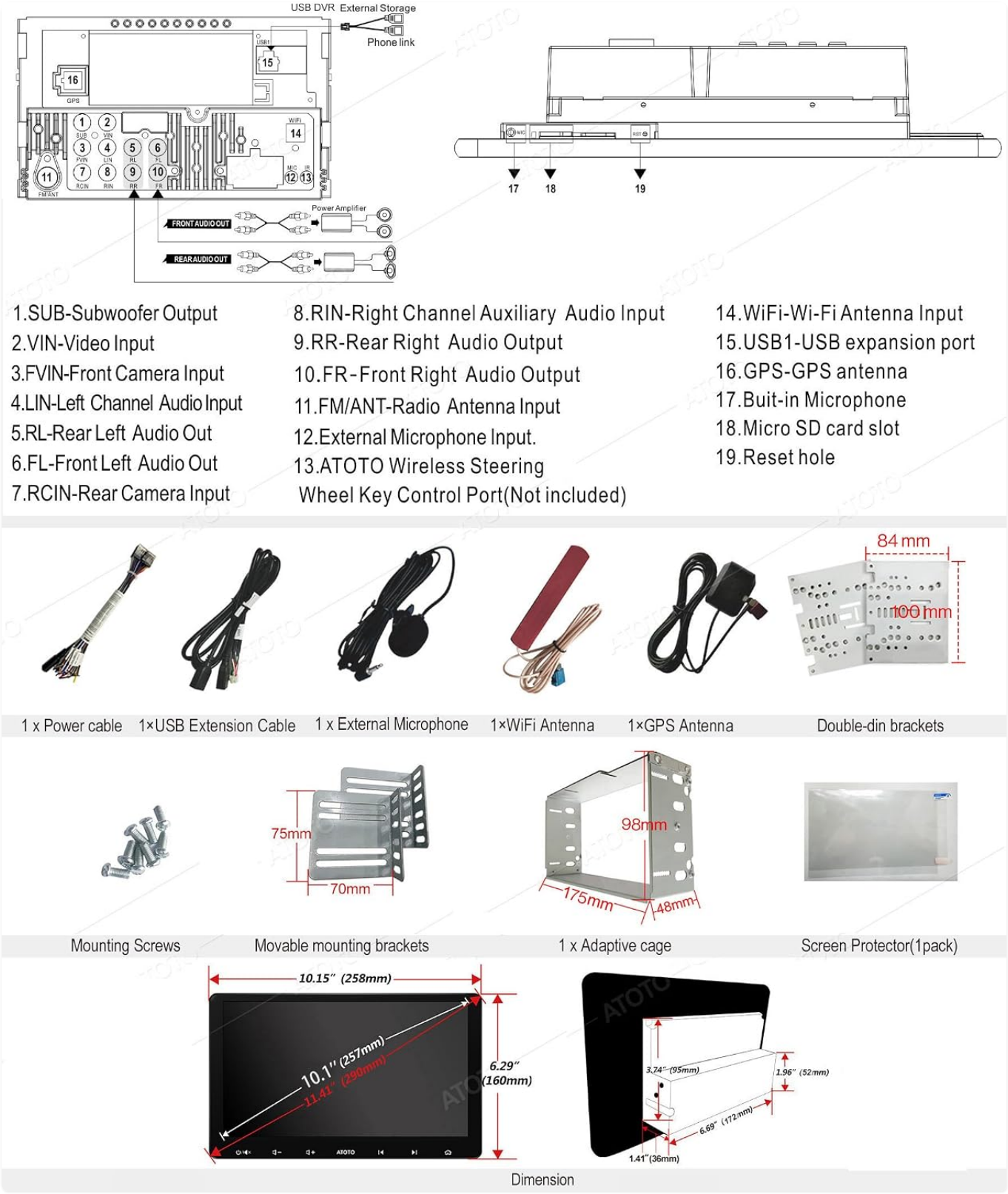


Figure 2.1: Overview of the ATOTO S8 Premium components and wiring connections.

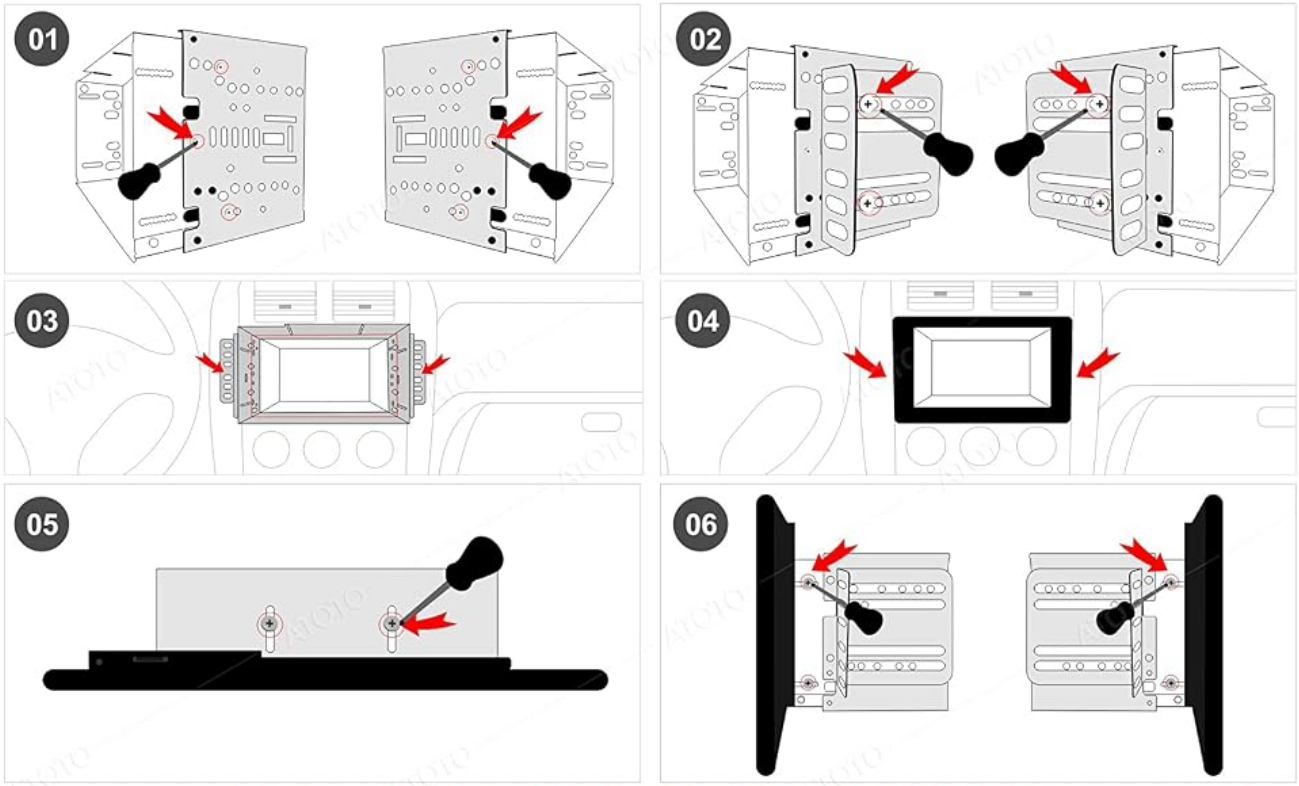
2.2 Double-DIN Installation

The ATOTO S8 Premium is designed for standard double-DIN dash openings. Follow these general steps for installation:

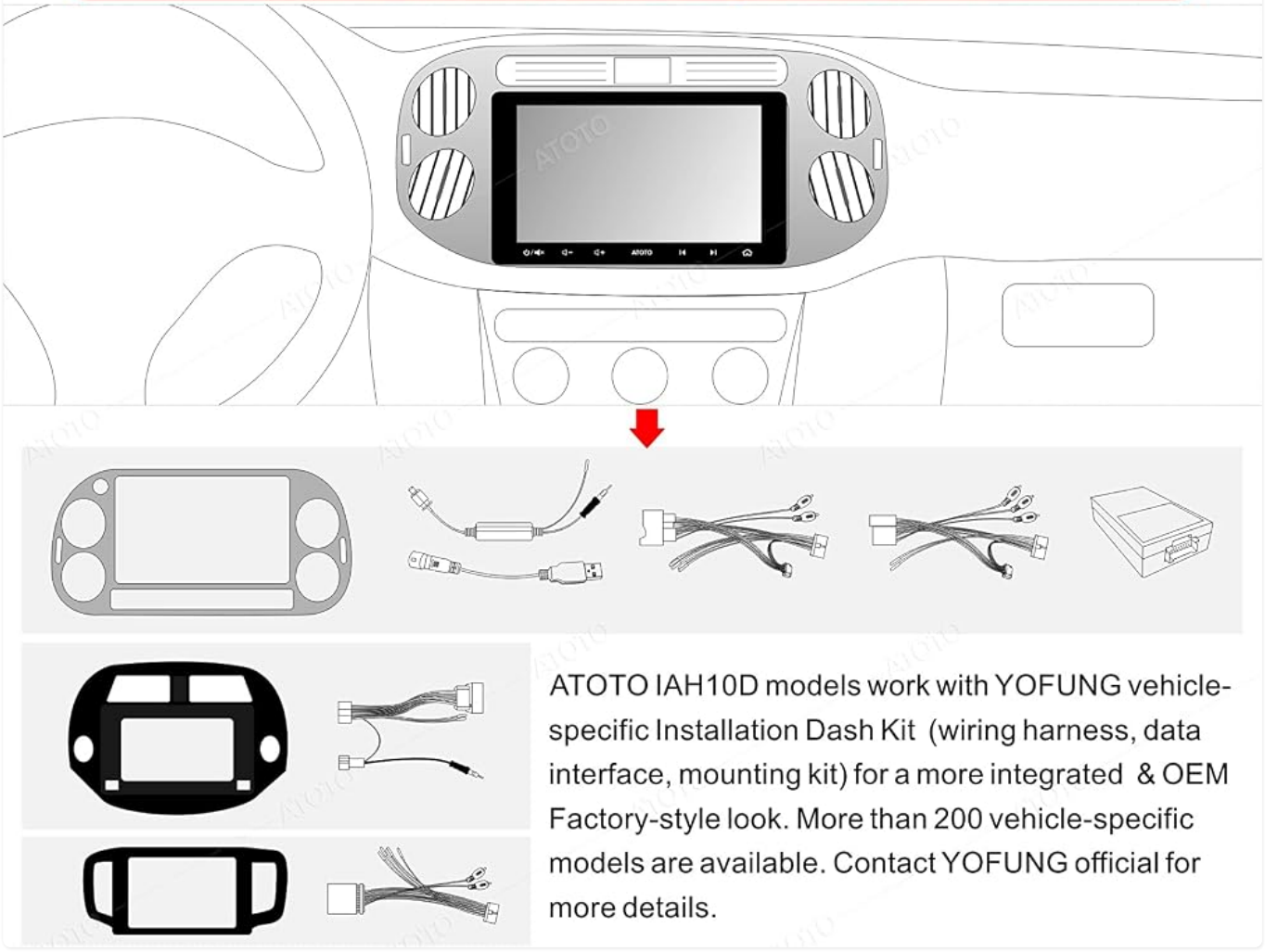
1. Remove the existing car stereo and dash trim.
2. Connect the power harness, speaker wires, and other necessary cables to the ATOTO S8 unit.
3. Attach the double-DIN brackets to the head unit.
4. Slide the unit into the dash opening and secure it with screws.
5. Reinstall the dash trim.

Installation

Double-DIN Installation



Customized Installation For Specified Vehicles



ATOTO IAH10D models work with YOFUNG vehicle-specific Installation Dash Kit (wiring harness, data interface, mounting kit) for a more integrated & OEM Factory-style look. More than 200 vehicle-specific models are available. Contact YOFUNG official for more details.

Figure 2.2: Visual guide for double-DIN installation and customized vehicle integration.

For customized installations, ATOTO IAH10D models can work with YO-FUNG vehicle-specific Installation Dash Kits (wiring harness, data interface, and mounting kit) to achieve an integrated OEM factory-style look. Over 200 vehicle models are supported. Ensure the 10.1-inch display does not obstruct air vents or essential controls in your specific vehicle model.

2.3 Initial Setup

Upon first power-on, the system will guide you through initial setup steps, including language selection, time zone, and network configuration. It features a high-speed system boot, allowing access within 2 seconds after activating your car.

3. Operating Instructions

3.1 Display and User Interface

The S8 Premium features a Full HD 10.1-inch 1280x720 QLED capacitive touch screen. This display technology significantly improves color effects and visual clarity. The system runs on ATOTO AICE UI 11.0, providing a user-friendly interface.

Touch Gesture Operation

The S8 enables 6 touch gestures for quick access to functions, improving operation safety while driving. For example, a 2-fingers/3-fingers tap can quickly enter the multi-task menu, switch between preset EQ modes, or adjust screen brightness.





Figure 3.1: Demonstrates touch gesture operations and the optional wireless steering wheel remote controller.

3.2 Connectivity

The S8 Premium offers multiple ways to connect to the internet and other devices:

- **Wi-Fi Hotspot:** Connect to your phone's personal hotspot for internet access.
- **Bluetooth Tethering:** Share your phone's data via Bluetooth, which consumes less power than Wi-Fi.
- **USB Network Tethering:** A unique ATOTO feature allowing data sharing via USB connection, saving phone battery.

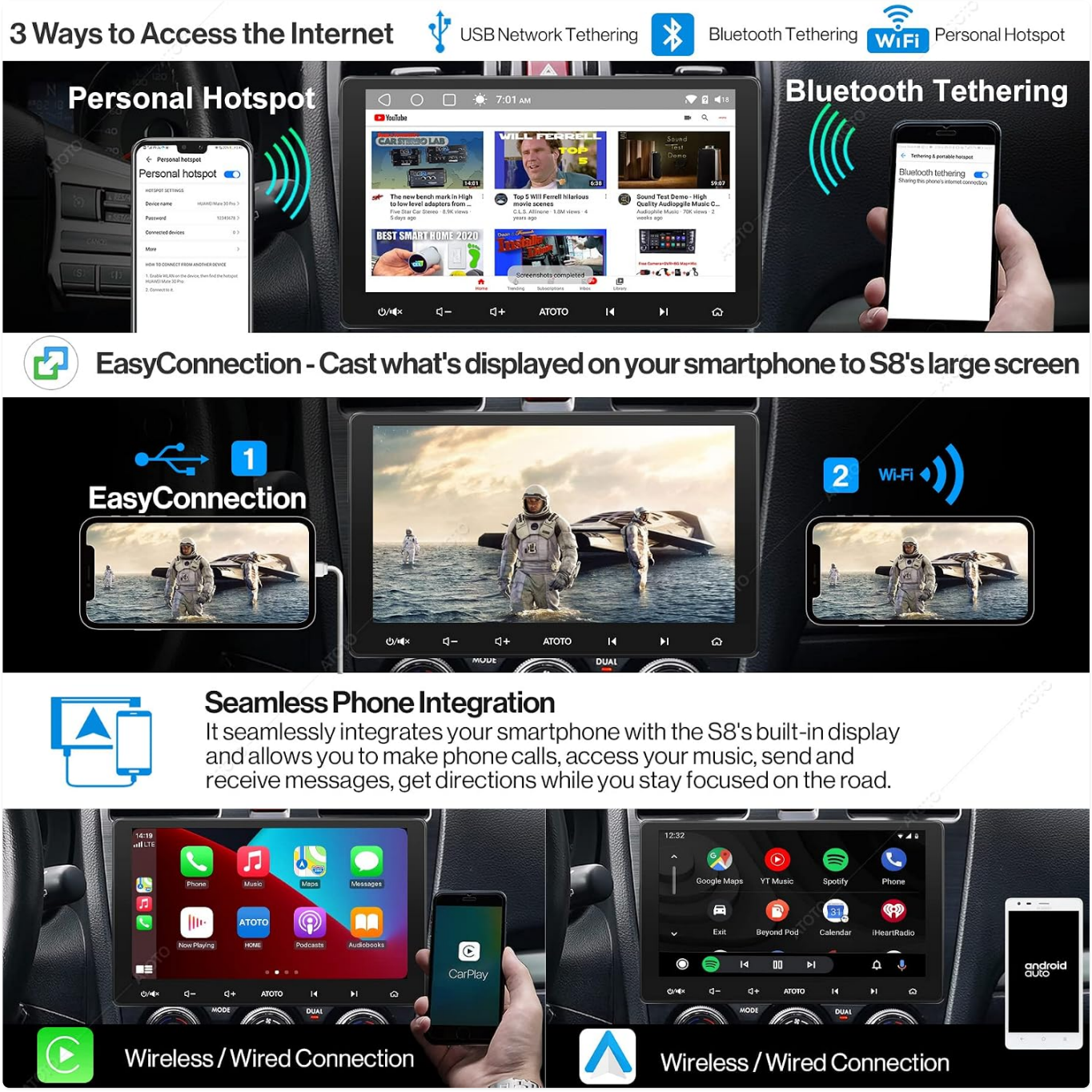


Figure 3.2: Illustrates the three methods for internet access and the EasyConnection phone mirroring feature.

3.3 Phone Integration

Seamlessly integrate your smartphone with the S8's built-in display:

- **Wireless/Wired CarPlay & Android Auto:** Access navigation, music, calls, and messages directly from the S8 screen.
- **Phone Mirroring (EasyConnect):** Cast your smartphone's display to the S8 screen via USB or Wi-Fi.

3.4 Navigation

The S8 Premium includes a built-in GPS receiver module with an external GPS antenna. Google Maps is pre-installed, and you can download offline map data or install other navigation apps like Waze or HereWeGo from the Google Play Store.

TrackHU GPS Tracking

Utilize the exclusive TrackHU feature for seamless, accurate, and cost-effective vehicle tracking. It supports GPS, GLONASS, Galileo, and Beidou satellite positioning, offering real-time tracking, route playback, geofence alerts, and detailed driving reports.



Figure 3.3: Depicts the TrackHU GPS tracking feature and its functionalities.

3.5 Audio Features

Experience high-quality audio with the S8 Premium:

- **DSP/Preamp:** Built-in digital signal processor for accurate equalization, signal delay, bass boost, and bass filters. Features 9 preset EQ modes and 32 adjustable frequency bands.
- **Amplifier:** RMS 4*29W (Vcc=14.4v, THD=10%) built-in 4*49W BTL amplifier.
- **Qualcomm aptX HD:** Bluetooth 1 supports aptX HD codec for 24-bit music quality over Bluetooth, ensuring minimal sound distortion. Your phone must also support aptX HD for this feature.
- **Dual Bluetooth:** BT1 for hands-free calls and A2DP streaming, BT2 for internet tethering and connecting to other Bluetooth devices like gamepads or OBD2 scanners.

3.6 Camera Features

Enhance parking and visibility with advanced camera support:

- **HD Virtual Surround-View (VSV) Parking:** Works with specific ATOTO AC-HD03LR cameras (sold separately) to provide a bird's-eye view of surroundings.
- **Live Rear-View (LRV):** Allows access to the rear view even when the vehicle is moving forward, removing obstructions and increasing the field of vision.



Figure 3.4: Highlights the Ultra Clear QLED Display and HD Virtual Surround-View Parking features.

3.7 Voice Control (DriveChat AI)

The DriveChat app, powered by ChatGPT, provides an AI voice assistant for effortless control and intelligent conversations. It supports multiple AI chatbots and allows for custom wake-up words.



Figure 3.5: Demonstrates the DriveChat AI voice assistant for hands-free operation.

3.8 Other Features

- **Speed Compensated Volume Control (SCVC):** Automatically adjusts system volume based on vehicle speed to compensate for road and wind noise.
- **Digital Photo Frame:** Display memorable photos on the S8's large HD screen.
- **Optional Accessories:** The S8 is compatible with various ATOTO accessories, including DVR cameras (AC-44P2), TPMS (AC-UTP1), Bluetooth OBDII scanners (AC-4450), and steering wheel IR remotes (AC-44F5/AC-44F8).

4. Maintenance

To ensure the longevity and optimal performance of your ATOTO S8 Premium car stereo, follow these maintenance guidelines:

- **Screen Cleaning:** Use a soft, lint-free cloth to gently wipe the screen. For stubborn smudges, slightly dampen the cloth with water or a screen-safe cleaner. Avoid abrasive materials or harsh chemicals.
- **Unit Cleaning:** Keep the main unit and surrounding areas free from dust and debris. Use a dry cloth for general cleaning.
- **Software Updates:** Regularly check for and install system firmware updates available from ATOTO. These updates often include performance improvements, bug fixes, and new features. Updates are typically available via OTA (Over-The-Air) through the FindApps application.
- **Avoid Extreme Temperatures:** Do not expose the unit to extreme heat or cold for prolonged periods, as this can affect electronic components.

5. Troubleshooting

This section addresses common issues you might encounter with your ATOTO S8 Premium car stereo. If the problem persists, contact ATOTO customer support.

Problem	Possible Cause	Solution
Unit does not power on.	Incorrect wiring; Blown fuse; Vehicle battery issue.	Check power connections and fuses. Ensure vehicle battery is charged.
No sound from speakers.	Speaker wires disconnected; Volume too low; Mute function active; Incorrect audio settings.	Verify speaker connections. Increase volume. Check mute status. Adjust audio output settings.
GPS signal lost or inaccurate.	GPS antenna obstructed or disconnected; Poor satellite reception.	Ensure GPS antenna is properly installed and has a clear view of the sky. Check antenna connection.
Bluetooth connection unstable.	Interference; Device too far; Bluetooth settings incorrect.	Move device closer. Restart Bluetooth on both devices. Clear paired devices and re-pair.
Screen flickering or unresponsive.	Software glitch; Loose display cable; Extreme temperature.	Perform a system restart (use the reset button if available). Ensure unit is within operating temperature range. Check connections.

For more detailed troubleshooting or issues not listed here, please refer to the official ATOTO support resources or contact their customer service.

6. Specifications

Feature	Detail
Model	S8G2114PM
SoC Chip	UNISOC 7862 ARM Cortex Octa-Core (up to 1.8GHz) CPU, ARM Mali-G52 MP2 GPU, 12nm manufacturing process
System Version	ATOTO AICE UI 11.0, Android Q (10.0)
Memory Storage	3GB RAM / 32GB ROM
Display	10.1 inch 1280*720 QLED 600cd/m2 5-touch capacitive touch screen

Feature	Detail
Bluetooth	Dual Bluetooth (BT1 5.0 with aptX HD, BT2 4.1)
Radio Tuner	Built-in high sensitivity radio tuner with RDS / RBDS function
Amplifier	RMS 4*29W (Vcc=14.4v, THD=10%) built-in 4*49W BTL amplifier
GPS	Built-in GPS receiver module with external GPS antenna
Connectivity	Auxiliary, Bluetooth, HDMI (via adapter), USB, Wi-Fi
Input/Output	AUX Audio (L/R)/Video Input, FCAM Front Camera Video Input, Rearview camera input (720P HD), 4CH RCA audio output (2v), Individual subwoof output (0.8v), Micro SD Slot (up to 512GB), 2 USB interfaces
Dimensions (Head Unit Case)	170mm * 95mm * 36mm
Dimensions (10.1" Screen)	258mm x 160mm

7. Warranty and Support

ATOTO provides comprehensive support for its products:

- **Product Care:** The ATOTO S8 Premium comes with 12+6 months of product care.
- **Firmware Updates:** Continuous system firmware updates are available via OTA (Over-The-Air) through the FindApps application.
- **Customer Support:** For technical issues, questions, or concerns, you can seek help via your order center or by contacting ATOTO support directly.

For more information and to explore optional accessories, visit the official ATOTO store:ATOTO Store on Amazon.

8. Official Product Videos

No official product videos with "creator_type":"Seller" were provided in the product data to embed in this manual.

© 2024 ATOTO. All rights reserved.

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/B08CDRNBYF

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