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› ATOTO A5L 10-inch Double DIN and Adaptive Single DIN 2G+32G Android Car Stereo User Manual

## ATOTO A5LG211T

# ATOTO A5L Series Car Stereo User Manual

Model: A5LG211T

## 1. INTRODUCTION

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Thank you for choosing the ATOTO A5L Series Car Stereo. This manual provides detailed instructions for the installation, operation, and maintenance of your new device. The ATOTO A5L is a versatile 10-inch Android car stereo featuring a double DIN and adaptive single DIN design, equipped with 2GB RAM and 32GB storage. It offers advanced connectivity options including Bluetooth, wireless Apple CarPlay, wireless Android Auto, Wi-Fi/Bluetooth/USB tethering, and Mirrorlink. Enhance your in-car audio experience with its Digital Signal Processor (DSP) and enjoy FM/RDS radio.



Figure 1.1: ATOTO A5L 10-inch Car Stereo Main Unit

This image displays the ATOTO A5L car stereo, highlighting its large 10-inch touchscreen. The screen shows a user interface with music playback, a digital clock, and various application icons such as OBD Check, YouTube, DriveChat, and Play Store. The physical buttons for power, volume, and navigation are visible at the bottom of the unit.

## 2. SETUP AND INSTALLATION

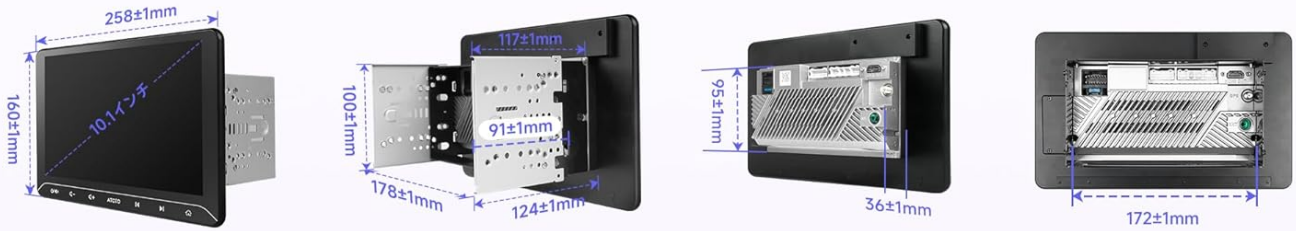
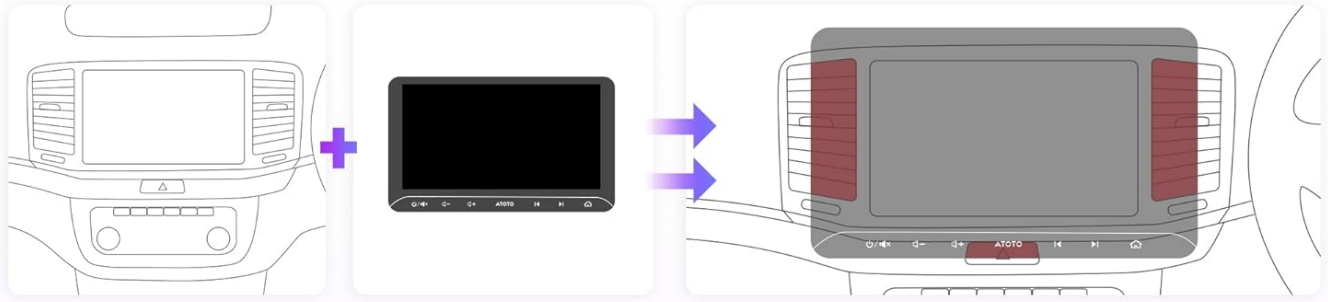
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### 2.1. Package Contents

Before beginning installation, please verify that all components are present in the package.



車種によっては、ディスプレイの一部がエアコン送風口や操作パネルに重なる場合があります。必ず取付前に、必要な操作や通風を妨げないかご確認ください。



## 梱包リスト



Figure 2.1: Product Dimensions, Installation Diagram, and Package Contents

This image provides critical information for installation. It shows the precise dimensions of the ATOTO A5L unit, including the 10.1-inch display and the main body. A diagram illustrates how the unit integrates into a vehicle's dashboard, emphasizing the adaptive single DIN and double DIN compatibility. Below these diagrams, a visual list of included accessories is presented, which typically includes the car stereo unit, power cable, rear camera input harness, RCA connectors, USB storage cable, USB smartphone connection cable, GPS antenna, double DIN bracket, mounting bracket, mounting screws, online quick guide, and product care/online support information.

The standard package typically includes:

- ATOTO A5L Car Stereo Unit (with mounting frame)
- Power Cable
- Rear Camera Input Harness
- RCA Connectors
- USB Storage Cable
- USB Smartphone Connection Cable
- GPS Antenna
- Double DIN Bracket
- Mounting Bracket

- Mounting Screws
- Online Quick Guide
- Product Care & Online Support Information

## 2.2. Installation Guidelines

The ATOTO A5L features an IA10D style (Integrated and Adaptive 10.1-inch Display Head Unit), designed to work with vehicle-specific installation dash kits (wiring harness, data interface, mounting kit). Over 200 vehicle models can achieve an OEM-style installation.

**Important Note:** For some vehicles, the edge of the 10.1-inch display part may obstruct air vents, emergency switches, or other buttons located around the installation area, leading to inconvenience. Please verify compatibility and potential obstructions before proceeding with installation.

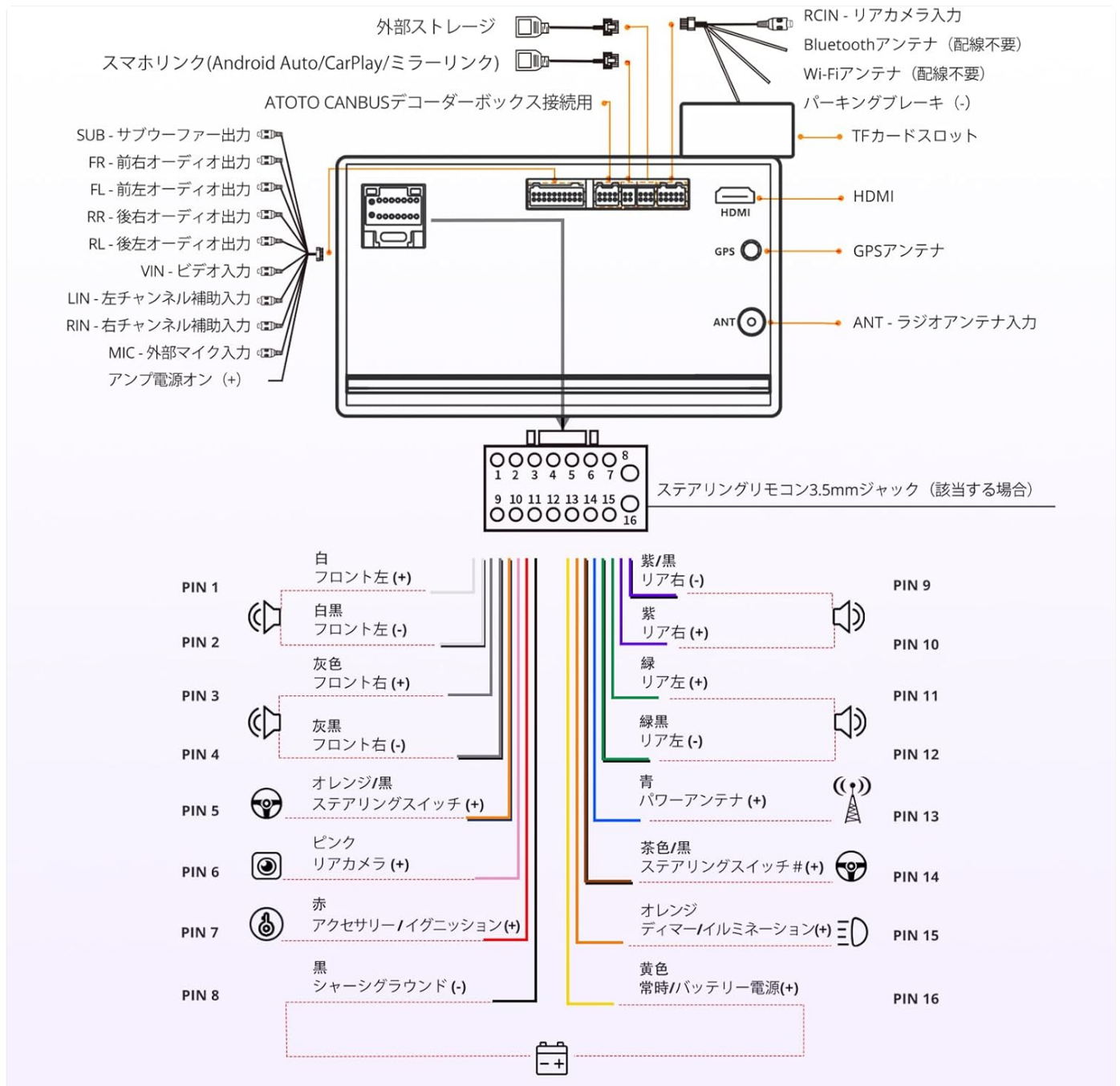


Figure 2.2: Wiring Diagram

This comprehensive diagram illustrates all the necessary wiring connections for the ATOTO A5L car stereo. It details connections for audio outputs (front, rear, subwoofer), video input/output, microphone input, amplifier power, GPS antenna, radio antenna, USB ports, TF card slot, HDMI, Bluetooth antenna, Wi-Fi antenna, parking brake, steering wheel remote, and the ATOTO CANBUS decoder box. Each pin is clearly labeled with its function and corresponding wire color, providing essential guidance for proper electrical installation.

For detailed wiring instructions, refer to the provided wiring diagram (Figure 2.2) and consult a professional installer if you are unsure about any steps. Ensure all connections are secure and properly insulated to prevent short circuits.

### 3. OPERATING INSTRUCTIONS

#### 3.1. Basic Controls and Interface

The ATOTO A5L features a responsive touchscreen interface and physical buttons for essential controls.

- **Touchscreen:** Navigate through menus, select applications, and control media playback.
- **Physical Buttons:** Located at the bottom of the unit, these typically include Power/Mute, Volume Up/Down, and Home/Back functions.



Figure 3.1: Android Interface and Connectivity Options

This image showcases the ATOTO A5L's Android interface, displaying various applications and features. Prominently featured are icons for Wi-Fi Hotspot, Bluetooth Tethering, and USB Tethering, indicating the device's robust connectivity capabilities. The screen also shows a YouTube interface, suggesting multimedia playback functionality.

## 3.2. Connectivity Features

### 3.2.1. Wireless CarPlay and Android Auto

Integrated CarPlay and Android Auto seamlessly connect your smartphone with the F7's built-in display and controls via USB. You can make phone calls, access your music, send and receive messages, and get directions while staying focused on the road.

**Note:** Use the original/factory USB cable for Android Auto/CarPlay connection. A non-manufacturer USB cable may cause connection issues.



Figure 3.2: Wireless CarPlay and Android Auto

This image demonstrates the wireless Apple CarPlay and Android Auto functionalities of the ATOTO A5L. It shows side-by-side comparisons of the CarPlay (CP) and Android Auto (AA) interfaces as they appear on the car stereo's screen, mirroring smartphone applications for navigation, communication, and music. The diagram also illustrates how a smartphone connects wirelessly or via USB for these features, emphasizing voice assistant integration (Siri/Google Assistant).

### 3.2.2. Bluetooth Connectivity

The unit supports Bluetooth hands-free calling and A2DP audio streaming. Pair your smartphone to make and receive calls directly from the car stereo and stream your favorite music wirelessly.

### 3.2.3. Wi-Fi/BT/USB Tethering & Mirrorlink

Utilize Wi-Fi, Bluetooth, or USB tethering to connect the stereo to the internet. With the AutoLink option, you can also cast your phone's screen to the F7 display. This allows viewing of apps not supported by CarPlay or Android Auto.

## 3.3. Multimedia and Audio Features

### 3.3.1. Radio (FM/AM)

The ATOTO A5L includes a built-in tuner for FM and AM radio reception. You can listen to radio while running navigation from CarPlay or Android Auto in the background.

**10.1インチ大画面 & 多機能ディスプレイオーディオ**

- IPS 1280×720
- 178°の視野角
- 強光抑制機能

**Bluetooth音楽&通話**

**FM/AM対応**

**USB\*TF動画\*音楽再生**

Figure 3.3: Multimedia Playback Options

This image highlights the multimedia capabilities of the ATOTO A5L. It shows three distinct sections: Bluetooth music and calls, FM/AM radio interface with frequency display, and USB video/music playback. The image also emphasizes the 10.1-inch IPS screen with a 178° full viewing angle and glare suppression, ensuring clear visibility.

### 3.3.2. USB Media Playback

Play audio and video files directly from a USB storage device connected to the unit's USB port.

### 3.3.3. Digital Signal Processor (DSP)

The integrated DSP allows for an upgraded audio experience with 9 preset equalizer settings and time alignment adjustments. This enables precise tuning of sound output to optimize audio quality within your vehicle's cabin.



Figure 3.4: Digital Signal Processor (DSP) Settings

This image illustrates the advanced audio customization options available through the ATOTO A5L's Digital Signal Processor (DSP). The screen displays a graphic equalizer with adjustable frequency bands and 9 presets. Below the equalizer, a diagram shows the time alignment feature, allowing users to optimize sound delivery to different seating positions (e.g., far distance, mid distance, near distance) for an enhanced listening experience.

## 3.4. Camera and Display Features

### 3.4.1. Rear Camera Input and Live Rear-view (LRV)

The unit supports 720P HD rear camera input. An additional LRV (Live Rear-view) option allows users to have a real-time rear view even when the vehicle is moving forward.

## AHD 720P リアルタイムバックカメラ



Figure 3.5: Camera Input and Smartphone Mirroring

This image demonstrates two key display features: AHD 720P real-time backup camera functionality and smartphone mirroring. The top section shows the clear, high-definition view from a connected rear camera, including parking guidelines and night vision capability. The bottom section illustrates how a smartphone's screen can be mirrored onto the car stereo's display, supporting both wireless and wired connections.

### 3.5. Voice Assistant

Activate Siri or Google Assistant by pressing the physical key on the F7, the steering wheel audio key (if applicable), or the voice key from the ATOTO wireless remote control.

#### 3.5.1. DriveChat - GenAI Voice Assistant

The unit features DriveChat, a dedicated in-car GenAI voice assistant powered by ChatGPT. This allows for easy switching between multiple AI chatbots and deep AI conversations for various tasks and information retrieval.



Figure 3.6: DriveChat GenAI Voice Assistant

This image highlights the DriveChat feature, an in-car GenAI voice assistant integrated with ChatGPT. The display shows a conversational interface, demonstrating the ability to switch between multiple AI chatbots and engage in deep AI conversations. The visual emphasizes the seamless interaction between the user and the AI assistant for various in-car tasks.

## 4. MAINTENANCE

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- **Cleaning the Screen:** Use a soft, lint-free cloth to gently wipe the touchscreen. Do not use abrasive cleaners or solvents.
- **Software Updates:** Periodically check the ATOTO official website or the device's settings for available software updates to ensure optimal performance and access to new features.
- **General Care:** Avoid exposing the unit to extreme temperatures, direct sunlight for prolonged periods, or excessive moisture.

## 5. TROUBLESHOOTING

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Problem	Possible Cause	Solution
Unit does not power on.	Incorrect wiring; Blown fuse; Power supply issue.	Check power connections (ACC, B+, GND). Verify vehicle fuse and unit's fuse. Consult wiring diagram.
No sound output.	Speaker wires disconnected; Volume too low; Mute activated; DSP settings.	Check speaker connections. Increase volume. Deactivate mute. Reset DSP settings if necessary.
CarPlay/Android Auto not connecting.	Non-original USB cable; Phone software issue; USB port issue.	Use original/factory USB cable. Restart phone and unit. Try a different USB port if available. Ensure phone OS is updated.
Touchscreen unresponsive.	Temporary software glitch; Screen damage.	Restart the unit. If issue persists, contact ATOTO support.
GPS signal weak or lost.	GPS antenna placement; Obstruction.	Ensure GPS antenna is placed in an unobstructed location (e.g., dashboard, away from metal).

For further assistance, please refer to the online quick guide or contact ATOTO customer support.

## 6. SPECIFICATIONS

Feature	Detail
Brand	ATOTO
Model	A5LG211T
Screen Size	10.1 Inches
Display Type	IPS with 178° Full Viewing Angle
RAM + Storage	2GB RAM + 32GB Storage
Operating System	Android
Connectivity Technology	USB, Bluetooth, Wi-Fi
Special Features	Wireless CarPlay, Wireless Android Auto, DSP, FM/RDS, Mirrorlink, Live Rear-view (LRV), GenAI Voice Assistant (DriveChat)
Compatible Devices	Smartphone
Audio Output Mode	Stereo
Surround Configuration	4.0
Output Power	180 Watts
Input Human Interface	Buttons, Touchscreen
Item Weight	1.96 Kilograms
Product Dimensions	29.3 x 24.6 x 11.4 cm
First Available Date	January 27, 2021

## 7. WARRANTY AND SUPPORT

For warranty information, please refer to the documentation included with your product or visit the official ATOTO website.

For technical support, troubleshooting beyond this manual, or service inquiries, please contact ATOTO customer support through

their official channels.

**ATOTO Official Store:** Visit ATOTO Store on Amazon

