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› [ATOTOZONE](#) /

› ATOTOZONE A5L 7-inch Android Double Din Car Stereo Instruction Manual

ATOTOZONE A5L

ATOTOZONE A5L 7-inch Android Double Din Car Stereo Instruction Manual

Model: A5L

1. INTRODUCTION

This manual provides detailed instructions for the installation, setup, operation, and maintenance of your ATOTOZONE A5L 7-inch Android Double Din Car Stereo. This advanced car stereo system integrates an Android operating system with a suite of features designed to enhance your driving experience, including wireless smartphone integration, advanced audio processing, and comprehensive camera support.

2. PACKAGE CONTENTS

Verify that all items listed below are present in your product package. If any items are missing or damaged, please contact customer support.

Digital Signal Processor (DSP)

24-Band EQ & 9 presets

Audio Adjustments to Suit Your Music Preferences



Time Alignment

Harmonious Sound from Every Seat

Image 2.1: Included components for the ATOTOZONE A5L car stereo system. This includes the main car stereo unit, a rear-view camera, a front DVR camera (AC-44P2), a 16-PIN power cable, a rear camera input cable, RCA connectors, USB external storage, a GPS antenna, double-DIN brackets, mounting brackets, mounting screws, an installation frame, and guides.

- ATOTOZONE A5L Car Stereo Unit
- Rear-View Camera (AC-HD01LR)
- Front DVR Camera (AC-44P2)
- 16-PIN Power Cable
- Rear Camera Input Cable
- RCA Connector Cables
- USB External Storage Cable
- GPS Antenna
- Double-DIN Brackets
- Mounting Brackets
- Mounting Screws
- Installation Frame
- Online Resources Quick Guide

- Product Care Online Support Information

3. PRODUCT OVERVIEW

The ATOTOZONE A5L is a 7-inch double DIN car stereo featuring an Android operating system. It is equipped with a Cortex-A53 4-core 1.3GHz processor, 2GB RAM, and 32GB of internal storage, allowing for app downloads and smooth performance. Key features include:

- **Operating System:** Android OS for versatile app compatibility.
- **Display:** 7-inch IPS display with 1280x720 resolution, 178° wide viewing angles, and strong light suppression.
- **Smartphone Integration:** Wireless and wired Apple CarPlay and Android Auto support.
- **Cameras:** Includes a 1080P Front DVR Dash Camera (AC-44P2) and a 720P Rear-View Camera (AC-HD01LR) with Live Rear View (LRV), reversing guidelines, waterproofing, and night vision.
- **Audio:** Built-in Digital Signal Processor (DSP) with a 24-Band EQ and 9 presets, plus a powerful amplifier (Peak 4x45W, RMS 4x24W).
- **Connectivity:** Triple internet access methods (WiFi hotspot, Bluetooth tethering, USB sharing), Bluetooth for phone calls and third-party devices.
- **AI Assistant:** Integrated DriveChat GenAI Voice Assistant powered by ChatGPT for deep conversations and voice commands.
- **Navigation:** GPS Tracking via the TrackHU app for real-time vehicle updates and trip management.

4. INSTALLATION

Proper installation is crucial for optimal performance and safety. It is recommended to have this unit installed by a qualified professional. Ensure the vehicle's power is disconnected before beginning installation.

4.1. Physical Dimensions

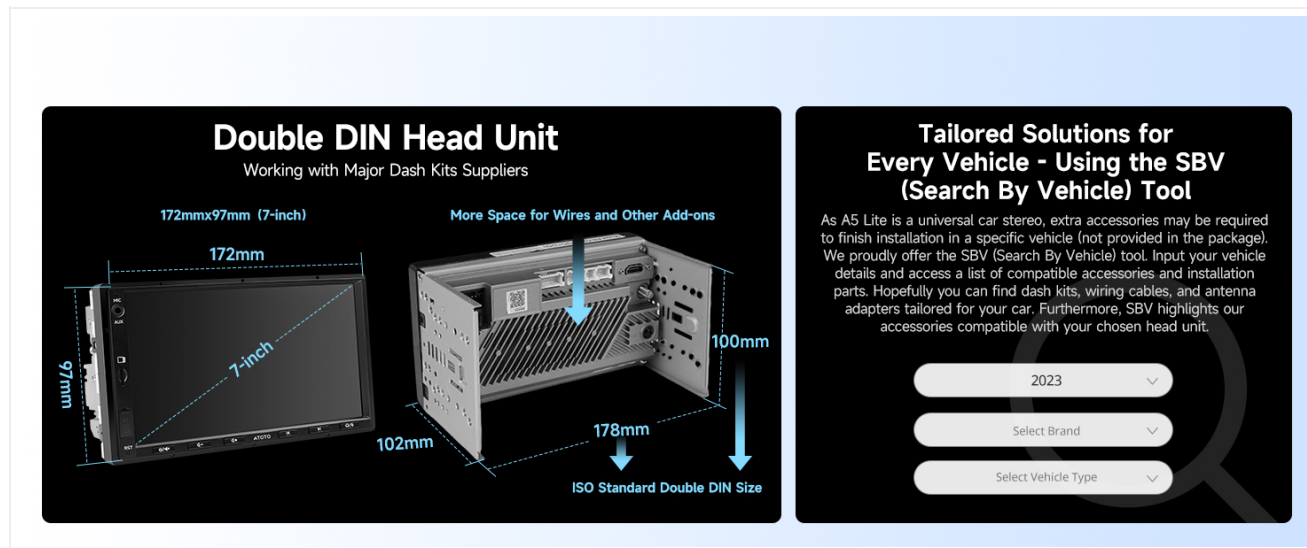
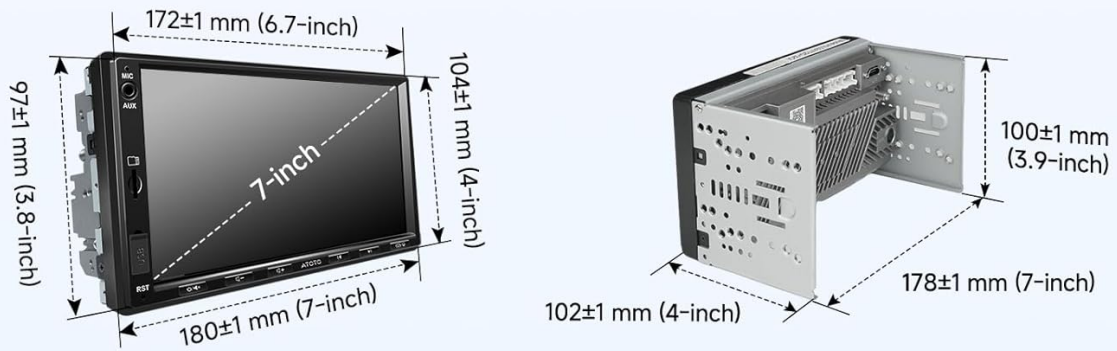


Image 4.1: Dimensions of the ATOTOZONE A5L head unit. The front panel measures 172mm (6.7-inch) wide by 97mm (3.8-inch) high. The chassis measures 178mm (7-inch) wide by 100mm (3.9-inch) high and 102mm (4-inch) deep, conforming to ISO Standard Double DIN size.

The A5L unit is designed to fit standard double DIN openings. Refer to the provided dimensions to ensure compatibility with your vehicle's dash kit. Extra accessories may be required for specific vehicle installations.

4.2. Wiring Diagram



Package List



Car Stereo



Rear-View Camera 01



Front DVR Camera
AC-44P2



16-PIN Power Cable



Rear Camera Input
Cable



RCA Connector



USB External Storage



GPS Antenna



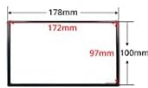
Double-DIN Brackets



Mounting Brackets



Mounting Screws



Installation Frame



Online Resources
Quick Guide



Product Care
Online Support

Image 4.2: Comprehensive wiring diagram for the ATOTOZONE A5L. This diagram illustrates connections for the 16-pin power harness (including constant power, accessory, ground, dimmer, and steering wheel key inputs), speaker outputs (front left/right, rear left/right), RCA outputs (front, rear, subwoofer), auxiliary inputs, external microphone input, amplifier turn-on, rear camera input, Bluetooth antenna, Wi-Fi antenna, HDMI, and GPS antenna.

Carefully follow the wiring diagram for all connections. Ensure proper insulation for all wires to prevent short circuits. Incorrect wiring can damage the unit or your vehicle's electrical system.

4.3. Steering Wheel Control (SWC)

12+6-M0nth Product Care

We offer experienced product care. a 12-m0nth product care from purchase. Get in touch with us to get an additional 6-m0nth. Our team, details in the box, responds around the clock during workdays.



OTA Updates

We commit to delivering top-notch car stereo systems by providing regular firmware updates via OTA every few months. These updates not only address any bugs in the system but also offer new features in the future.



Image 4.3: Steering Wheel Control (SWC) options. You can connect directly to your vehicle's analog SWC wires, use the dedicated 3.5mm jack for OEM SWC integration (requires a third-party SWC interface), or utilize the optional ATOTOZONE AC-44F8 wireless remote control.

The A5L supports various steering wheel control methods. You can connect directly to your vehicle's analog SWC wires, use the dedicated 3.5mm jack for OEM SWC (may require an adapter), or use an optional ATOTOZONE AC-44F8 wireless remote.

5. SETUP

5.1. Initial Power-On

After installation, turn on your vehicle's ignition. The unit will boot up. Follow any on-screen prompts for initial language and time zone settings.

5.2. Internet Connectivity

The A5L offers three methods for internet access:

Vivid Colors & Wide View on 7-inch IPS Display

Strong Light Suppression



Strong Light Suppression



178° Wide View



1280×720



Phone Mirroring



Image 5.1: Internet connectivity options. The ATOTOZONE A5L supports Wi-Fi hotspot for stable and fast connection, Bluetooth tethering for lower power consumption, and USB sharing which also charges your phone slightly. Ensure your car stereo has the latest OTA update for USB tethering support.

- **Wi-Fi Hotspot:** Connect to a mobile hotspot or home Wi-Fi network for stable and fast internet.
- **Bluetooth Tethering:** Use your smartphone's Bluetooth to share its internet connection. This method consumes less power.
- **USB Sharing:** Connect your smartphone via USB to share its internet. This also provides a slight charge to your phone. Ensure your unit has the latest OTA update for this feature.

5.3. Wireless CarPlay & Android Auto

The A5L supports both wireless and wired Apple CarPlay and Android Auto. To set up:



Image 5.2: Wireless CarPlay and Android Auto functionality. This image displays the user interfaces for both CarPlay and Android Auto on the 7-inch screen, highlighting voice assistant integration (Siri and Google Assistant) for navigation, music, messages, and calls.

1. Ensure Bluetooth and Wi-Fi are enabled on your smartphone.
2. On the A5L, open the Zlink app (or equivalent CarPlay/Android Auto application).
3. Follow the on-screen instructions to pair your phone. For wireless connection, the system will typically use Bluetooth for initial pairing and then switch to Wi-Fi for data transfer.
4. Once connected, you can use voice commands (Siri or Google Assistant) for navigation, music, messaging, and calls.

Note: Wi-Fi is not supported for other internet services while Wireless CarPlay or Android Auto is active.

6. OPERATION

6.1. Display Features

The 7-inch IPS display offers clear visuals and supports several functions:

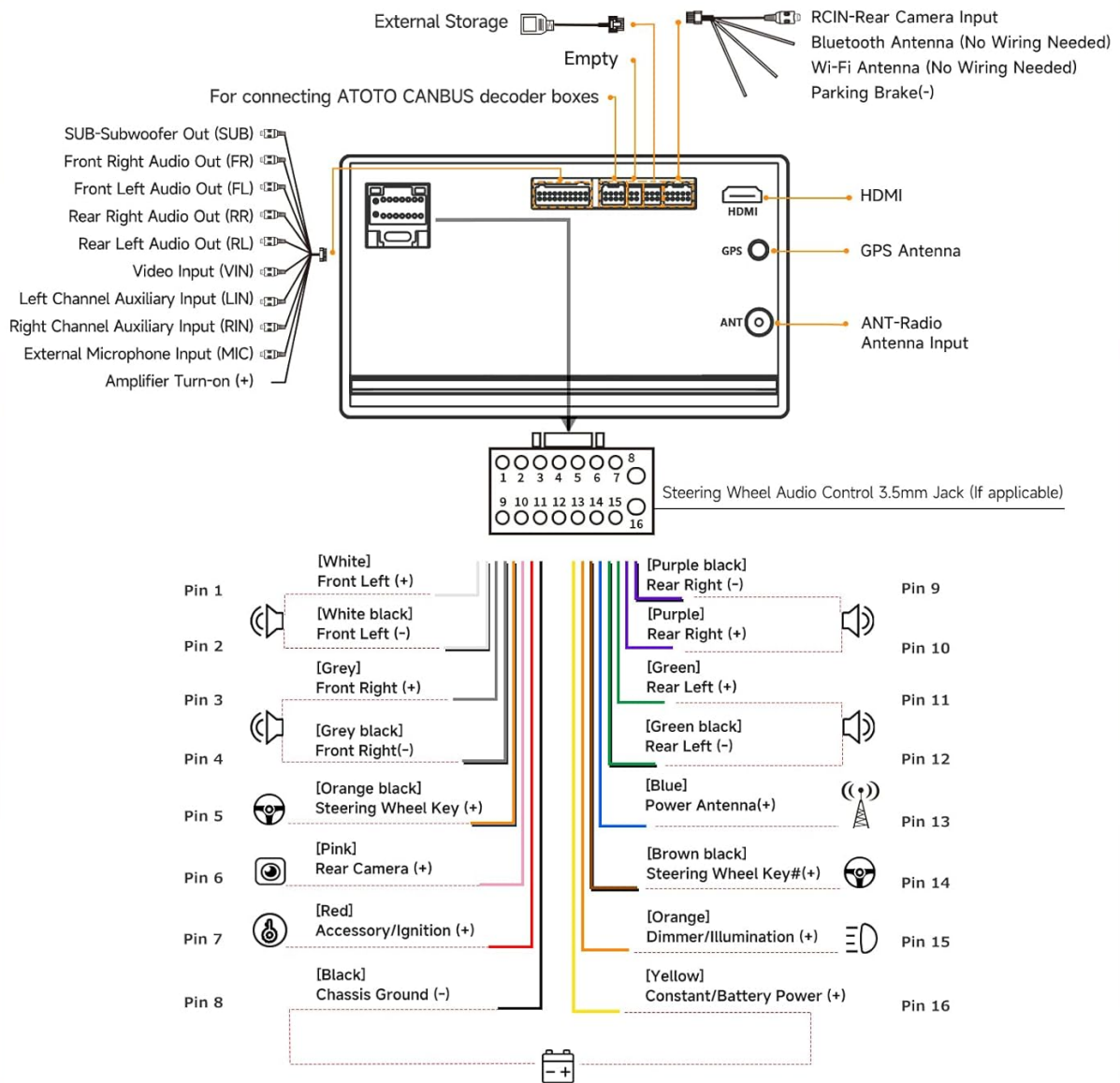


Image 6.1: Vivid Colors & Wide View on 7-inch IPS Display. This image demonstrates the display's capabilities, including Phone Mirroring (wireless & wired) to cast content from your smartphone, and split-screen functionality to manage two applications simultaneously, such as navigation and music.

- **Phone Mirroring:** Cast your smartphone's screen to the car stereo display (wireless and wired). Note that some applications may not be compatible with phone mirroring.
- **Split-screen:** Run two applications side-by-side, such as navigation and a music player, for enhanced multitasking.

6.2. Audio Adjustments

Customize your audio experience with the built-in Digital Signal Processor (DSP).

Wireless Carplay and Android Auto

Navigation/Calls/Messages/Music/Voice Assistant



CarPlay
Wireless and Wired



Android Auto
Wireless and Wired



Hi, S-ir-i, Play music



Hi, GGLE, Navigate home



Image 6.2: Digital Signal Processor (DSP) interface. This image illustrates the 24-Band EQ with 9 presets for precise audio adjustments and the Time Alignment feature, which optimizes sound delivery to create a harmonious listening experience from every seat in the vehicle.

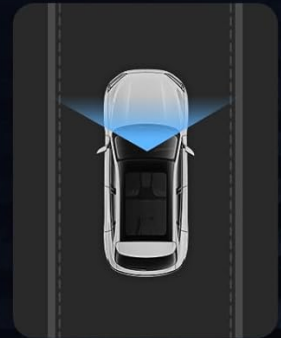
- **24-Band EQ:** Fine-tune audio frequencies with 24 adjustable bands and 9 preset equalization modes to match your preferences.
- **Time Alignment:** Adjust the sound delay for each speaker to create a balanced and immersive soundstage, ensuring harmonious sound from every seat.
- **Built-in Amplifier:** The unit features a 4x45W Peak / 4x24W RMS amplifier for clear and powerful sound output.

6.3. Camera System

The A5L includes both a front DVR and a rear-view camera for enhanced safety and recording.

HD Front DVR Recording & Clear Rear View

AC-44P2 1080P Front DVR Camera (INCLUDED)



AC-HD01LR AHD 720P Rear-View Camera (INCLUDED)

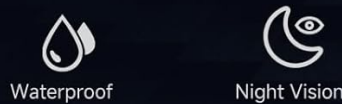


Image 6.3: HD Front DVR Recording & Clear Rear View. This image details the functionality of the included AC-44P2 1080P Front DVR Camera, which offers auto recording, loop recording, file protection, photo capture, and a 156° wide viewing range. It also highlights the AC-HD01LR AHD 720P Rear-View Camera, featuring waterproofing, night vision, Live Rear View (LRV), and dynamic reversing guidelines.

- **Front DVR (AC-44P2):** Records in 1080P with a 156° wide angle. Features include auto recording, loop recording, and file protection.
- **Rear-View Camera (AC-HD01LR):** Provides a clear 720P image with a 140° view. Features Live Rear View (LRV), reversing guidelines, waterproofing, and night vision. The rear camera automatically activates when the vehicle is in reverse.

6.4. DriveChat GenAI Assistant

Engage with the integrated AI assistant for a smarter driving experience.



Image 6.4: DriveChat: Your AI-Powered Driving Partner by ChatGPT. This image illustrates the AI assistant's capability for smooth, deep conversations and interaction with multiple AI chatbots. It also mentions customizable wake-up words and future updates for agents that monitor road and cabin conditions.

- **Voice Commands:** Use voice commands to open apps, control functions, and engage in conversations without taking your eyes off the road.
- **AI Chatbots:** Interact with various AI chatbots for information, entertainment, and assistance.
- **OTA Updates:** DriveChat receives regular over-the-air updates to add new features and improve functionality.

6.5. GPS Tracking

Utilize the TrackHU app for vehicle tracking and trip management.

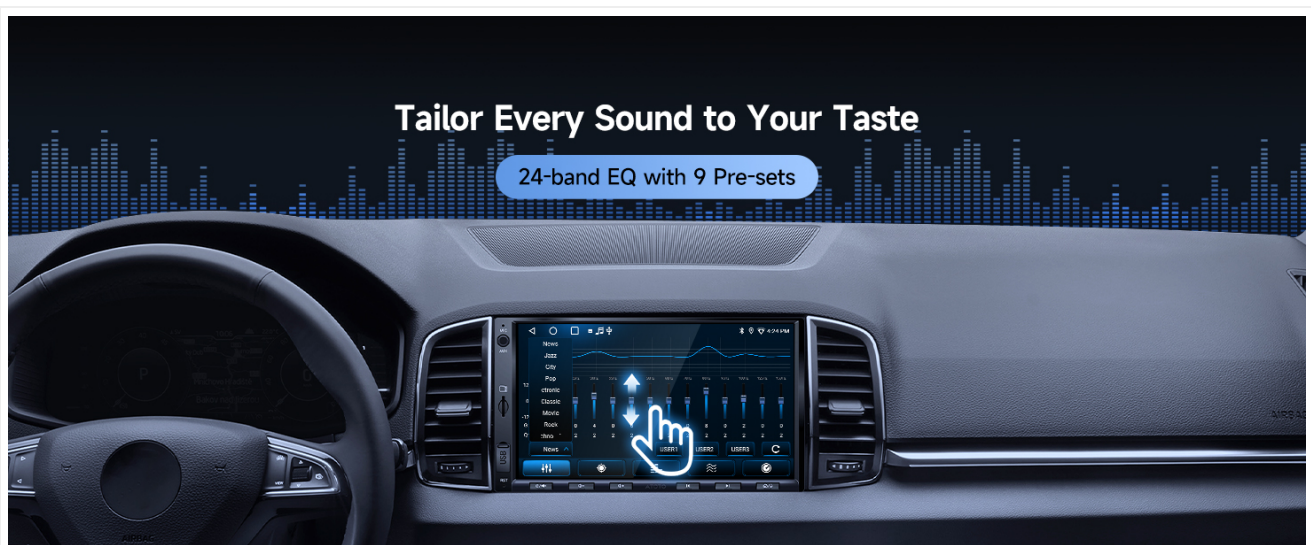


Image 6.5: GPS Tracking with the TrackHU App. This image demonstrates the TrackHU app's features, including real-time vehicle updates, track playback with speed management, flexible refresh rates, instant alerts for geofence and online/offline status, and accurate positioning using OsmAnd 4-satellite (GPS, GLONASS, Galileo, Beidou) technology.

- **Real-time Tracking:** Monitor your vehicle's location and status in real-time.
- **Track Playback:** Review past routes and manage trip data.
- **Instant Alerts:** Receive notifications for geofence breaches or changes in online/offline status.
- **Accurate Positioning:** Utilizes OsmAnd 4-satellite technology (GPS, GLONASS, Galileo, Beidou) for precise location data.

6.6. Bluetooth Connectivity

The A5L's Bluetooth system allows connection to both your phone and other third-party Bluetooth devices.

8. TROUBLESHOOTING

If you encounter issues with your ATOTOZONE A5L, refer to the following common troubleshooting steps. For more detailed assistance, consult the online manuals or contact customer support.

Problem	Possible Cause	Solution
Unit does not power on	Incorrect wiring; Blown fuse; Insufficient power supply	Check power connections (Constant, Accessory, Ground). Verify vehicle fuses. Ensure adequate power supply.
No sound output	Speaker wires disconnected; Volume too low; Mute activated; Incorrect audio settings	Check speaker wiring. Increase volume. Disable mute. Verify audio output settings (e.g., RCA vs. speaker output).
CarPlay/Android Auto not connecting	Bluetooth/Wi-Fi off on phone; Zlink app not open; Phone not paired; USB cable issue	Ensure phone's Bluetooth and Wi-Fi are on. Open Zlink app. Re-pair phone. Try a different USB cable for wired connection.
Rear camera not displaying	Rear camera input cable loose; Reverse trigger wire not connected; Camera faulty	Check rear camera input connection. Verify reverse trigger wire (Pink wire) is correctly connected to vehicle's reverse light.
Poor GPS signal	GPS antenna obstructed; Antenna not properly connected	Ensure GPS antenna is mounted in a clear location (e.g., dashboard, not under metal). Check antenna connection to the unit.
System is slow or unresponsive	Too many apps running; Low storage; Outdated firmware	Close unnecessary apps. Clear cache. Perform a factory reset if necessary (backup data first). Update firmware via OTA.

9. SPECIFICATIONS

Detailed technical specifications for the ATOTOZONE A5L car stereo.

Feature	Detail
Brand	ATOTOZONE
Model	A5L
Operating System	Android
Processor	Cortex-A53 4-core 1.3GHz
RAM	2GB
Storage	32GB
Display Size	7-inch IPS
Display Resolution	1280x720
Connectivity	Auxiliary, Bluetooth, USB, Wi-Fi

Feature	Detail
Wireless Technology	Bluetooth, FM/AM, Wi-Fi
CarPlay/Android Auto	Wireless & Wired
Front DVR Camera	AC-44P2, 1080P, 156° Wide Angle
Rear-View Camera	AC-HD01LR, 720P, 140° View, LRV, Night Vision, Waterproof
Audio Output Mode	Stereo
Surround Sound Config.	4.1
Amplifier Output	Peak 4x45W, RMS 4x24W
Equalizer	24-Band EQ with 9 presets
Control Method	Push Button, Remote, Touch, Voice
Supported Internet Services	Browser, Google Maps, Netflix, Pandora, Spotify, YouTube
Video Encoding	H.264, H.265/HEVC, MPEG-4

10. WARRANTY AND SUPPORT

ATOTOZONE provides comprehensive product care and support for your A5L car stereo.

- **Product Care:** A 12-month product care period is included from the date of purchase. You can extend this by an additional 6 months by contacting ATOTOZONE customer support.
- **Online Manuals:** Detailed online manuals in various languages are available. Refer to the package details for access information.
- **Customer Support:** The ATOTOZONE support team is available around the clock during workdays to assist with any inquiries or issues.
- **OTA Updates:** ATOTOZONE is committed to providing regular firmware updates via OTA every few months. These updates address bugs and introduce new features, ensuring long-term value and improved functionality.