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ATOTOEXCEL A5L

ATOTOEXCEL A5L 7-inch 2 DIN Android Car Radio User Manual

Brand: ATOTOEXCEL | Model: A5L

1. Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your ATOTOEXCEL A5L 7-inch 2 DIN Android Car Radio. Please read this manual thoroughly before using the product to ensure proper functionality and safety. The ATOTOEXCEL A5L is designed to enhance your driving experience with advanced features including wireless CarPlay and Android Auto, a 24-band DSP equalizer, OBD2 scanner compatibility, GPS tracking, and various connectivity options.

2. Package Contents

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

- Car Stereo Unit
- Bluetooth OBD Scanner
- Power Cable
- Rear Camera Input Cable
- USB External Storage Cable
- RCA Connector Cables
- GPS Antenna
- Double-DIN Brackets
- ISO Connector (A/B)
- Mounting Screws
- Mounting Brackets
- Installation Frame x 2
- Online Resources Quick Guide

- Product Care Online Support Information



Figure 2.1: Illustration of the ATOTOEXCEL A5L package contents, showing the car stereo, cables, brackets, and accessories.

3. Setup and Installation

The ATOTOEXCEL A5L is designed for standard Double-DIN installation. Professional installation is recommended. Ensure the vehicle's power is disconnected before beginning installation.

3.1 Wiring Diagram

Refer to the following diagram for proper wiring connections. Incorrect wiring can damage the unit or vehicle electronics.

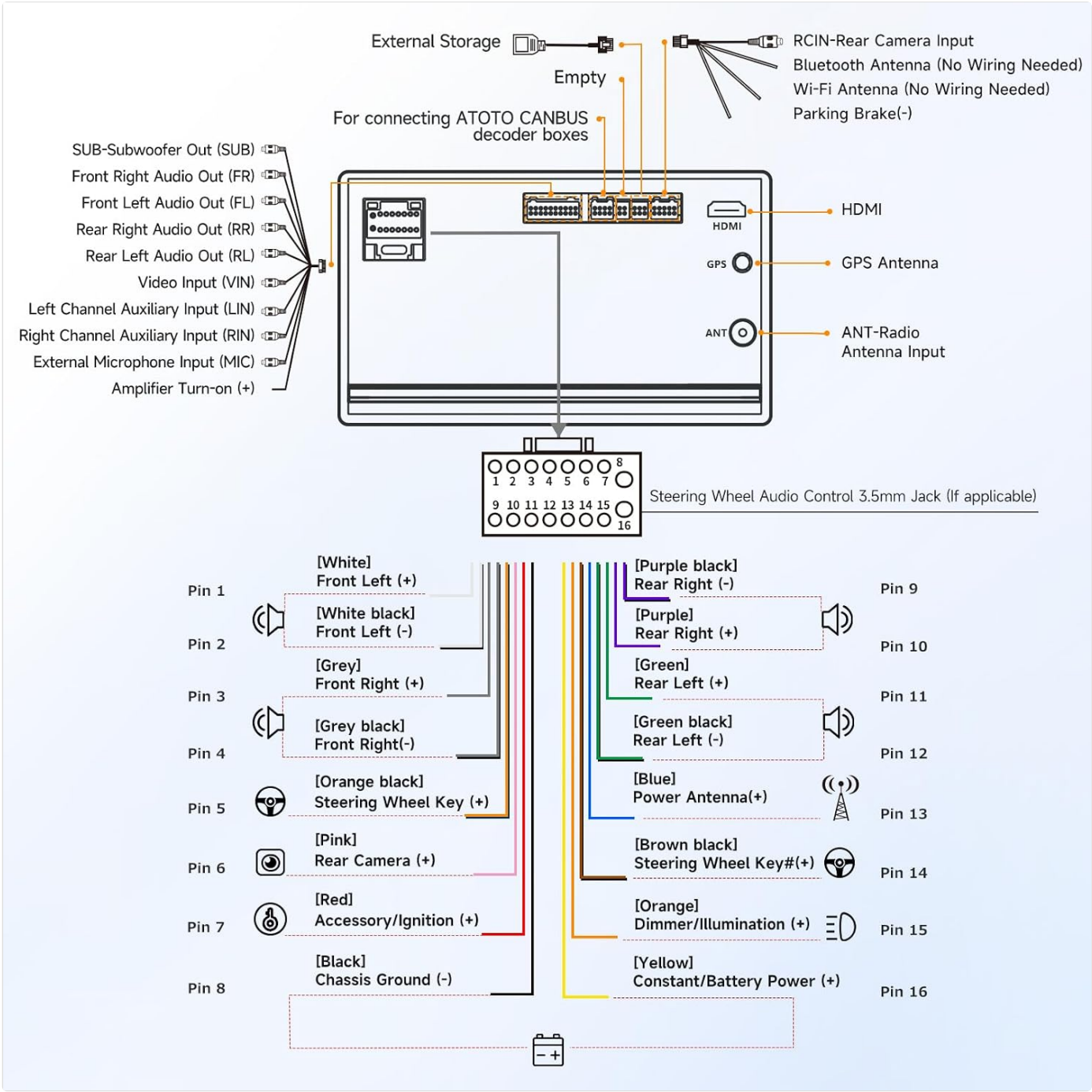


Figure 3.1: Detailed wiring diagram for the ATOTOEXCEL A5L, showing connections for power, speakers, USB, RCA, GPS antenna, and other peripherals.

3.2 Double-DIN Compatibility

The A5L features a true 7-inch display within a compact Double-DIN head unit, compatible with most Dash Kits. It provides ample space for cables and additional accessories.



Figure 3.2: Diagram illustrating the Double-DIN dimensions of the ATOTOEXCEL A5L unit, highlighting its compact design for easy integration.

4. Operating Instructions

The ATOTOEXCEL A5L offers a wide range of features to enhance your in-car experience. This section details how to use its primary functions.

Your browser does not support the video tag.

Video 4.1: An overview demonstrating various features of the ATOTOEXCEL A5L, including Android OS, internet connectivity, CarPlay/Android Auto, DSP audio, DriveChat, TrackHU, Bluetooth, screen unlock, split screen, physical keys, and camera functions.

4.1 Android Operating System and Internet Access

The A5L runs on an Android system, providing access to a wide selection of applications from the Google Play Store. It supports OTA updates for continuous improvement.
Internet access is available through three modes:

- **Wi-Fi Hotspot:** Connect to a Wi-Fi network.
- **Bluetooth Tethering:** Share your phone's internet connection via Bluetooth.
- **USB Tethering:** Share your phone's internet connection via USB.



Figure 4.1: The ATOTOEXCEL A5L display showing the Android interface with various applications and icons for Wi-Fi, Bluetooth, and USB tethering, indicating internet connectivity options.

4.2 Wireless CarPlay and Android Auto

The A5L supports both wired and wireless CarPlay and Android Auto. This allows you to access your phone's navigation, music, messages, and calls directly from the car radio display, with voice control via Siri or Google Assistant.



Figure 4.2: The ATOTOEXCEL A5L display showing the interfaces for Wireless CarPlay and Android Auto, demonstrating seamless integration with smartphones for navigation, music, and communication.

4.3 MirrorLink (Screen Mirroring)

MirrorLink allows you to project applications from your smartphone that are not natively supported by CarPlay or Android Auto onto the A5L's display. This feature typically requires a wired connection.

4.4 DriveChat GenAI Co-Pilot

DriveChat, powered by advanced AI models, offers a conversational driving companion. It provides specialized chatbots for personalized advice and information, enhancing your driving experience.



Figure 4.3: The ATOTOEXCEL A5L display showing the DriveChat AI Co-Pilot interface, demonstrating interactive conversations and specialized chatbot advice for drivers.

4.5 In-Car Audio System (DSP & EQ)

The A5L features an integrated Digital Signal Processor (DSP) and a 24-band equalizer with 9 presets. This allows for precise audio tuning, including time alignment and adjustable crossovers, to optimize sound quality for various music genres and vehicle environments.



Figure 4.4: The ATOTOEXCEL A5L display showcasing the Digital Signal Processor (DSP) and 24-band Equalizer (EQ) settings, allowing users to customize their audio experience.

4.6 Bluetooth Connectivity

The A5L's Bluetooth system enables efficient music streaming and hands-free calling. It also supports connection to other Bluetooth devices, such as diagnostic scanners, without interrupting audio or calls.



Figure 4.5: The ATOTOEXCEL A5L demonstrating Bluetooth connectivity with other devices like an OBD scanner and interior lights, alongside a screen lock function for privacy.

4.7 OBD2 Diagnostics with AC-4450

The A5L is compatible with the AC-4450 OBDII scanner (sold separately). Using the pre-installed Torque app, you can diagnose vehicle systems, read and reset error codes, and monitor real-time vehicle parameters like engine speed, vehicle speed, throttle position, and coolant temperature.



Figure 4.6: The ATOTOEXCEL A5L display showing the Torque app interface for OBD2 diagnostics, providing real-time monitoring of vehicle health and performance.

4.8 7-inch IPS Display

The unit features a 7-inch IPS display with a resolution of 1280x720. It offers a 178° viewing angle and strong light suppression, ensuring clear visibility in various lighting conditions.



Figure 4.7: The ATOTOEXCEL A5L display showcasing its 7-inch IPS screen with a wide 178° viewing angle, providing clear visuals from various perspectives.

4.9 Physical Key Customization

The physical keys on the A5L can be programmed to perform multiple functions with a simple long press, allowing for personalized control of the stereo.

4.10 Split Screen Functionality

The split-screen feature allows you to run two applications simultaneously on the car stereo, such as navigation and a music player, for enhanced multitasking.

4.11 Camera Capabilities (Rear View & Dash Cam)

The A5L supports AHD rear view cameras (e.g., AC-HD02LR, sold separately) for clear 720P video when reversing. It also supports USB dash cameras (e.g., AC-44P2, sold separately) for recording driving footage, which can be viewed on the large HD touchscreen.



Figure 4.8: Images showing optional accessories for the ATOTOEXCEL A5L, including an external amplifier (CA-AEC03), steering wheel control (AC-44F8), and a rear view camera (AC-HD02LR).

4.12 GPS Tracking with TrackHU

TrackHU is a dedicated GPS tracking application that provides real-time vehicle updates, route playback with speed management, geofencing alerts, and instant notifications for online/offline status.



Figure 4.9: The ATOTOEXCEL A5L demonstrating the TrackHU GPS tracking application, showing real-time vehicle location, route history, and geofencing capabilities.

4.13 Automatic Screen Unlock

The A5L features an automatic screen unlock function that provides convenience. By pairing your phone via Bluetooth, the screen can be unlocked without manual password entry, offering easy access to the system.

5. Specifications

Feature	Specification
Package Dimensions	22.9 x 14.6 x 14.6 cm; 1.2 kg
Brand	ATOTOEXCEL

Connectivity Technology	Bluetooth, USB, Wi-Fi
Controller Type	Android
Special Features	3 Internet access modes (Wi-Fi/BT/USB Tethering), Android OS, 2G+32G, Wireless CarPlay & Android Auto, MirrorLink, DSP, 24-band EQ, GPS Navigation
Compatible Devices	Speaker, Amplifier, Smartphone
Connector Type	RCA, USB Type A
Audio Output Mode	Stereo
Surround Sound Channel Configuration	4.1
Video Encoding	H.264, H.265/HEVC
Product Weight	2.65 Pounds (approx. 1.2 kg)
Internet Applications	Internet Radio, Music Streaming
Control Method	Push Button, Remote Control, Touch, Voice
Audio Output Type	Speakers, Headphones, Bluetooth
Wireless Technology	Bluetooth, Wi-Fi
Format	4K, Dolby

6. Maintenance and Updates

6.1 OTA Updates

ATOTOEXCEL is committed to providing high-quality car audio systems through regular firmware updates via OTA (Over-The-Air). These updates not only address software issues but also introduce new features, ensuring your system remains current and performs optimally.



Figure 6.1: An image illustrating the OTA update process for the ATOTOEXCEL A5L, showing a progress bar for system updates, and highlighting product care and warranty information.

7. Troubleshooting

If you encounter any issues with your ATOTOEXCEL A5L, please refer to the quick guide included in the package or visit the online support resources. Many common issues can be resolved by checking connections, restarting the device, or performing a software update.

8. Warranty and Support

Your ATOTOEXCEL A5L comes with a 12-month warranty from the date of purchase. You can contact customer support to obtain an additional 6 months of warranty. Details regarding product care and support are available in the package and through online resources. Customer service typically responds within one business day.
For further assistance, you can visit the ATOTOEXCEL store or contact support via the provided channels.



Figure 8.1: An image displaying support options for ATOTOEXCEL products, including FindApps, TrackHU, warranty information (12+6 months), and contact methods for assistance.

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