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› ATOTONA Drive Chat AI Smart Car Stereo User Manual

ATOTONA A6G110PF-S01

ATOTONA Drive Chat AI Smart Car Stereo User Manual

Model: A6G110PF-S01

1. INTRODUCTION

Thank you for choosing the ATOTONA Drive Chat AI Smart Car Stereo. This manual provides essential information for the proper installation, operation, and maintenance of your new car stereo system. Featuring a 10.1-inch QLED display, wireless CarPlay and Android Auto, advanced DSP audio processing, dual Bluetooth connectivity, and integrated AI features like DriveChat AI and TrackHU GPS tracking, this unit is designed to enhance your in-car experience. Please read this manual thoroughly before use to ensure optimal performance and safety.

2. SAFETY INFORMATION

- Always ensure the vehicle is parked and the engine is off before performing any installation or wiring.
- Consult a professional installer if you are unsure about any part of the installation process.
- Do not operate the device in a way that distracts you from driving. Always prioritize road safety.
- Avoid exposing the unit to extreme temperatures, direct sunlight for prolonged periods, or excessive moisture.
- Ensure all connections are secure to prevent short circuits or damage.
- This product is designed for 12V DC negative ground electrical systems.

3. PACKAGE CONTENTS

Verify that all items listed below are included in your package:



Note: Dimensions may vary slightly ($\pm 1\text{mm}$) due to manual measurement.

Package Contents



Car Stereo



AC-HD01LR-A
Rearview Camera



20-Pin Wire Harness



2-in-1 USB Cable
(External Storage & Phone Link)



2-in-1 Antenna
(WiFi/GPS)



Mounting Brackets



Mounting Screws



DIN Pocket



DIN Sleeve 1



DIN Sleeve 2



External Microphone



RCA Cable



Online Resources
Quick Guide



Product Care
Online Support

Image: Overview of the package contents including the car stereo, rearview camera, wiring harness, USB cable, antenna, mounting brackets, screws, DIN pocket, DIN sleeves, external microphone, and RCA cable. Also shows product dimensions.

- Smart Car Stereo Unit
- AC-HD01LR-A Rearview Camera
- 20-Pin Wire Harness
- 2-in-1 USB Cable (External Storage & Phone Link)
- 2-in-1 Antenna (WiFi/GPS)
- Mounting Brackets
- Mounting Screws
- DIN Pocket
- DIN Sleeve 1
- DIN Sleeve 2
- External Microphone
- RCA Cable

- Online Resources Quick Guide
- Product Care Online Support Information

4. SETUP AND INSTALLATION

4.1 Pre-Installation Check

Before beginning installation, please check the unit's size and adjustment range to ensure it fits your dashboard and will not block vents or controls. A vehicle-specific harness or dash kit may be required and is not included.

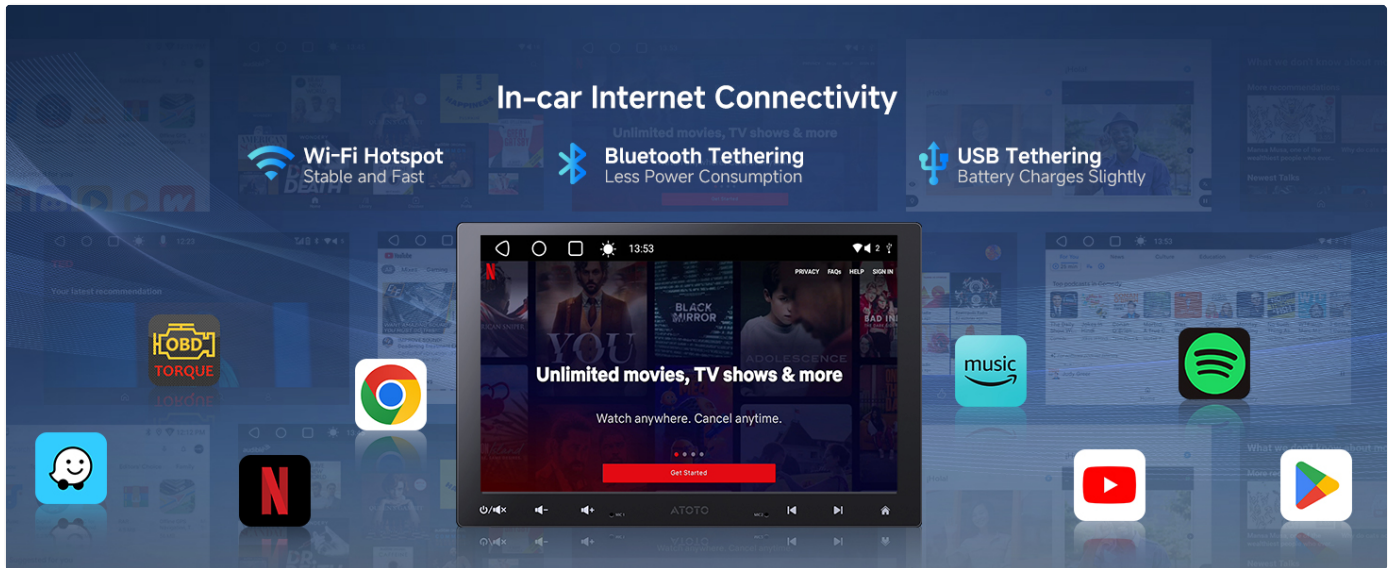


Image: Illustrates various measurements and adjustments (Left/Right Slide, Up/Down Slide, Forward/Backward Slide) to ensure the unit fits without obstructing vehicle controls or vents. Shows maximum adjustment ranges.

4.2 Flexible Display Adjustment (FlexView Pro)

The 10.1-inch QLED screen features a FlexView Pro structure, allowing for flexible angle adjustment to optimize viewing and ensure an easy fit across various dashboards. Adjustments include vertical, horizontal, front, swivel, and tilt options. Note that adjustment is primarily for installation; reattach screws firmly before driving.

10.1" Display, Adjustable Angles, Tailor Your View

9-Way Adjustable

FlexView Pro Design

QLED 1280x800 QLED Display



Image: Demonstrates the 9-way adjustable FlexView Pro design of the 10.1-inch QLED display, showing vertical, horizontal, front, swivel, and tilt adjustments for optimal viewing and fit.

4.3 Installation Styles

The unit supports various installation styles, including Universal Double-DIN, Single-DIN Adaptive, and Integrated Adaptive setups. Choose the style that best fits your vehicle's dashboard.

Navigate Up Front, Cartoons in the Back

Happy Kids, Focused Drive

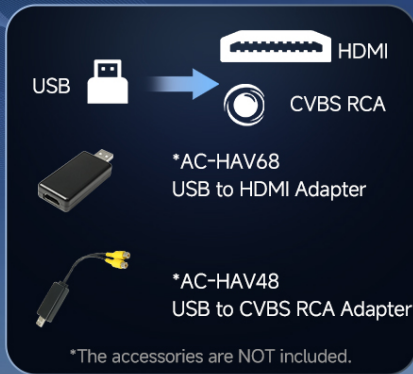


Image: Illustrates different installation styles: UDH07DT1 (Universal Double-DIN with 7-inch display), SAH10DT1 (Single-DIN Adaptive with 10.1-inch display), and IAH09DT1 (Integrated Adaptive with 9-inch display), showing how each fits into a dashboard.

Wired & Wireless CarPlay and Android Auto

Wireless CarPlay and Android Auto



Phone Mirroring



Split Screen



NOTE: Most apps not supported by CarPlay or Android Auto can still be mirrored to A6PF's screen via MirrorLink. However, some third-party apps with copyright restrictions may not allow screen mirroring.

Image: Shows diagrams for standard Double DIN and Single DIN opening installations, detailing the components like the car stereo, panel bracket, trim panel, DIN pocket, and DIN sleeves.

4.4 Wiring Diagram

Refer to the following diagram for proper wiring connections. Ensure all connections are secure and correctly matched to your vehicle's wiring harness. Accessories marked with an asterisk (*) are not included.

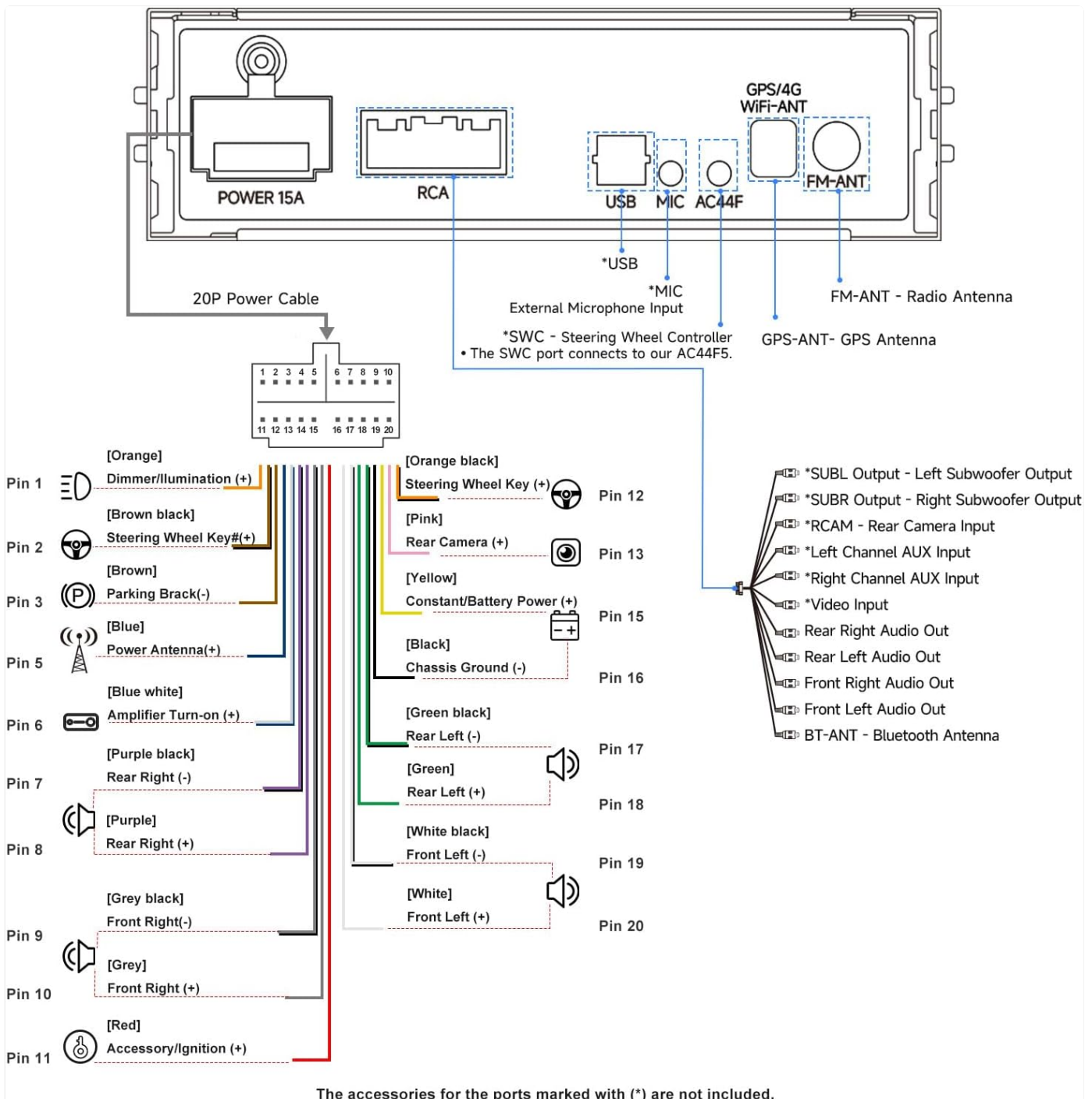


Image: Detailed wiring diagram showing connections for power, speakers, camera input, USB, microphone, FM/GPS antennas, and steering wheel controls. Pin assignments for the 20-pin power cable are clearly labeled.

5. OPERATING INSTRUCTIONS

5.1 Display and User Interface

The unit features a 10.1-inch 1280x800 QLED display, offering a brilliant view with a 178° viewing angle, strong light suppression, and brighter visuals. The Android OS provides a customizable theme and access to various applications.

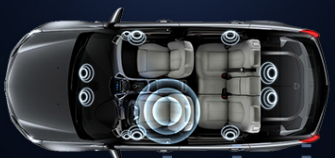


Image: The main product image showing the 10.1-inch QLED display with various app icons (YouTube, Netflix, Spotify, WhatsApp, Play Store, DriveChat) and media playback controls. A rearview camera is visible at the top.


This DSP Lets You Feel the Music

Choose from Jazz, Rock & more — or fine-tune your own sound.
36-band EQ with 8 Presets

Time Alignment
Center the Sound on You



SCVC - Speed Compensated Volume Control
Auto volume kicks in when you hit **40mph**



Built-in Amplifier
4x45W Peak | 4x24W RMS
Power that drives dynamic sound

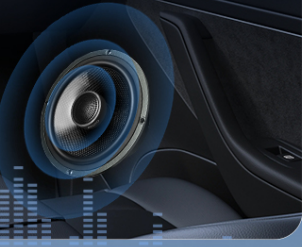


Image: Highlights the 1280x800 QLED display with features like 178° viewing angle, strong light suppression, and brighter visuals, along with phone mirroring capabilities.

5.2 Connectivity

Your car stereo offers multiple ways to stay connected:

- **Wireless CarPlay & Android Auto:** Connect wirelessly via Bluetooth for quick access to navigation, calls, and music.
- **MirrorLink:** Expand your app options by mirroring your smartphone screen to the stereo display.
- **Dual Bluetooth (BT1 & BT2):**
 - BT1 supports hands-free calls, music streaming, and Bluetooth-based auto screen lock for privacy.
 - BT2 with BLE (Bluetooth Low Energy) connects to OBD2 scanners, LED signs, ambient lights, and other compatible devices, allowing direct control from the stereo screen.
- **3-Way Internet Access:** Connect to the internet via Wi-Fi Hotspot, Bluetooth Tethering, or USB Tethering (keeps apps online during CarPlay/Android Auto).




Image: Illustrates the functionality of Dual Bluetooth, showing BT1 for calls, music, and screen auto lock/unlock based on phone proximity, and BT2 for connecting to OBD scanners, AI interactive LED signs, and ambient lights.




Image: Shows the wireless CarPlay and Android Auto interface, phone mirroring capabilities, and split-screen functionality on the car stereo display.

Flexible C0ntr0l: Steering Wheel C0ntr0l Buttons, Wireless Remote, or Voice C0mmand

Option 1
Data Interface & AC-ADSX10
(not included)




Option 2
Analog (resistive) signal-based
OEM steering wheel c0ntr0ls




Steering Wheel Key # (+)
Steering Wheel Key (+)
Chassis Ground (-)

Option 3
Supports third-party SWC
adapters
(e.g., Metra, PAC, Connects2, and
additional region-specific brands)



3.5mm jack for
SWC connection


Option 4
For cars without SWC buttons



Our AC-44F5
wireless remote
(not included)

Receiver

Option 5
Voice C0ntr0l via DriveChat



Mojo, Play the previous song

Mojo, Pause music

.....

Image: Depicts the three ways to connect to the internet: Wi-Fi Hotspot, Bluetooth Tethering, and USB Tethering, along with various streaming and app icons.

Tailored Solutions for Every Vehicle

Using the SBV (Search By Vehicle) Tool

Search By Vehicle

Dash kits, wiring cables, antenna adapters, etc. (not provided in the package)

We proudly offer the SBV (Search By Vehicle) tool. Input your vehicle details and access a list of compatible accessories and installation parts. Hopefully, you can find dash kits, wiring cables, and antenna adapters tailored for your car. Furthermore, SBV highlights our accessories compatible with your chosen head unit.

Image: Illustrates the ability to navigate on the main unit while displaying content like cartoons on rear-seat monitors using USB to HDMI or USB to CVBS RCA adapters (adapters not included).

5.3 Audio Features

Experience superior sound quality with advanced audio processing:

- **DSP (Digital Signal Processor):** Fine-tune your audio with 8 presets and a 36-band EQ to match your preferences and vehicle acoustics.
- **Time Alignment:** Ensures sound reaches your ears at the same time from all speakers, creating a balanced and immersive listening experience.
- **SCVC (Speed Compensated Volume Control):** Automatically adjusts volume to compensate for road noise as your vehicle speed changes.
- **Built-in Amplifier & Crossover:** Delivers clear highs, deep lows, and strong output for dynamic sound.

Turn Up Your Vibes Feel the Sound of Your Drive

SCVC - Auto Volume Boost
40mph and above
Sound gets louder as you speed up

DSP
36-band EQ
8 Presets- Pick a preset or fine-tune it your way

Time Alignment
Clearer positioning
Balanced sound throughout

Image: Visual representation of the audio features, including the 36-band EQ interface, SCVC (Speed Compensated Volume Control) with a speedometer graphic, and Time Alignment with a car interior diagram showing sound optimization.

9-way adjustments help avoid blocking vital controls like A/C or vents, giving you better visibility and easier access in any vehicle.

Swivel (Driver Tilt): $\pm 30^\circ$

Left/Right: 24mm

Forward: 18mm

Tilt (Up/Down): $\pm 10^\circ$

Up/Down: 27mm

*Adjustment is only available during installation. Then reattach screws to keep it firmly in place while driving.

Image: Highlights the DSP features, including Time Alignment to center sound, SCVC for auto volume boost at speed, and a built-in


amplifier for dynamic sound.

5.4 Smart Features & Navigation

- **DriveChat AI:** Enables voice commands and in-car chat, powered by ChatGPT for smarter responses and simpler driving.
- **TrackHU GPS Tracking:** Track your vehicle's location and routes with a flexible refresh rate (2min), accurate positioning (GPS, GLONASS, Galileo, Beidou), instant alerts for geofence, and track playback with speed control. No extra GPS tracker needed.
- **Rear View Camera Access (RCAM app):** The included AHD 720P rearview camera (AC-HD01LR-A) provides a live rear view even while driving forward, enhancing road awareness. Features include rearview guidelines, night vision, and strong light suppression.
- **FindApps:** Access featured apps that might not be found on Google Play, expanding your app options.


DriveChat GenAI Assistant

Powered by ChatGPT | Smarter responses. Simpler driving



Beyond Voice Commands


Smarter agents are on the road ahead



Road View Mode
Live Road Alerts



Cabin View Mode
For Backseat Awareness



OBD Monitor Mode
Car Health Check

More features to come...

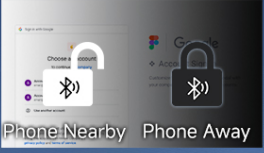

Image: Depicts the DriveChat GenAI Assistant interface, showing a chatbot interaction and various "Beyond Voice Commands" modes like Road View Mode, Cabin View Mode, and OBD Monitor Mode.



Image: Presents various AI RoleMates such as Adventure Story Time, Decision Think Tank, and Novelist, along with Agentic AI features like Driving Reminder AI and Fuel Monitor AI, indicating future developments.

Dual Bluetooth Modules for Clear Audio & Smart C0ntr0l



BT1



Calls/Music
Voice Assistant

Smart Auto Lock/Unlock
Privacy Protection

BT2



*AC-4450 Bluetooth OBDII
Diagnostic Scanner

*CI-FLT01
Interior Footwell Lights

AI Voice C0ntr0l (To Be Launched) *More...*

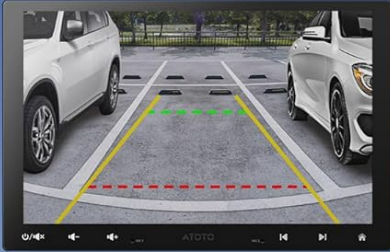
*The accessories are **NOT** included.

Image: Shows examples of AI-powered conversations, demonstrating how the system can answer questions about engine noises, traffic, and fuel saving tips.

AHD 720P RearView Camera



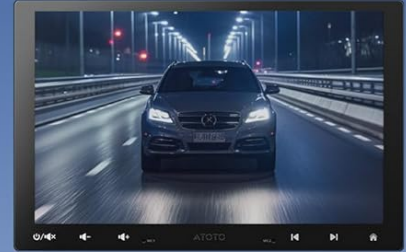
AC-HD01LR-A
(Included)



RearView Guideline



Live Rear View (LRV)



Night Vision



TrackHU

Track Your Vehicle

No Extra GPS Tracker Needed



Flexible Refresh Rate
(2min)



Accurate Positioning
(GPS, GLONASS, Galileo, Beidou)



Instant Alerts
for Geofence



Track Playback
with Speed Control



FindApps

APK Downloader

Access featured apps
that you might not find on G00gle Play.



Can't find the app you need? Let us know — we're working to broaden the selection in FindApps.

Image: Shows the included AHD 720P RearView Camera (AC-HD01LR-A) and its features: RearView Guideline, Live Rear View (LRV), and Night Vision. Also highlights TrackHU GPS tracking features and FindApps APK downloader.

5.5 Control Methods

Control your car stereo using various methods:

- **Steering Wheel Control Buttons:** Connect to your vehicle's existing steering wheel controls (requires compatible interface or adapter, not included).
- **Wireless Remote:** Use an optional wireless remote (e.g., AC-44F5, not included) for convenient control.
- **Voice Command:** Utilize DriveChat AI for voice-activated commands.

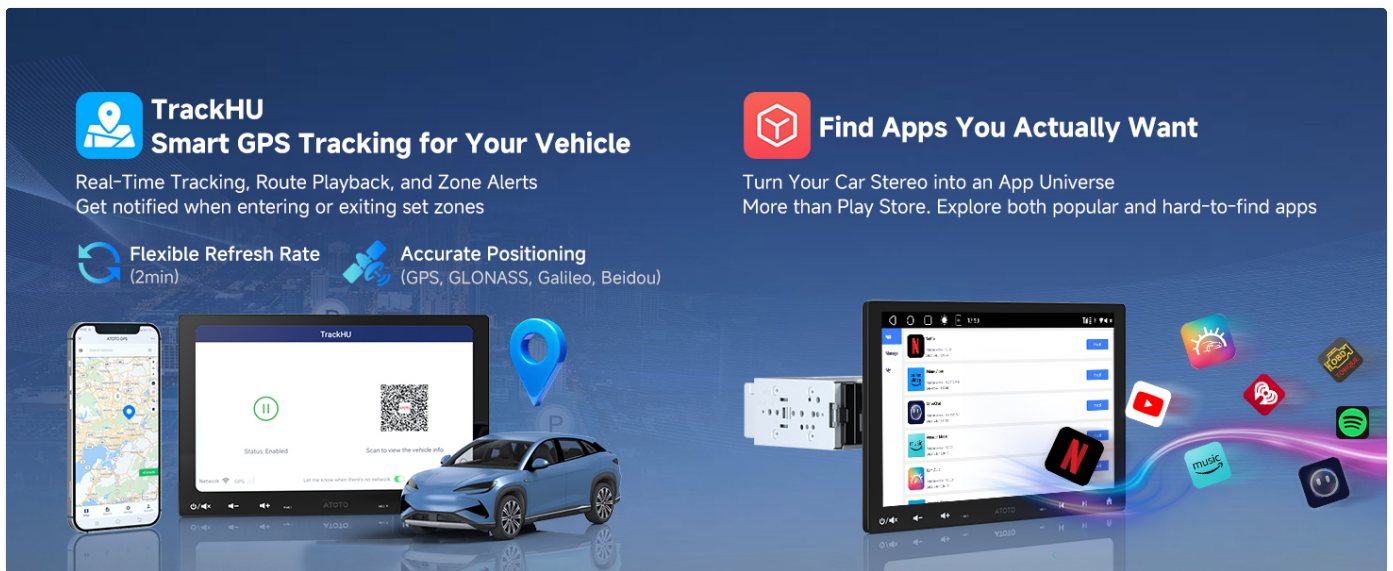


Image: Displays various control options including Data Interface & AC-ADSX10, Analog (resistive) signal-based OEM steering wheel controls, third-party SWC adapters, AC-44F5 wireless remote, and voice commands via DriveChat.

6. MAINTENANCE

To ensure the longevity and optimal performance of your ATOTONA Smart Car Stereo, follow these maintenance guidelines:

- **Cleaning the Screen:** 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.
- **General Cleaning:** Keep the unit free from dust and debris. Use a soft brush or compressed air to clean vents and button areas.
- **Temperature Control:** Avoid leaving the unit in direct sunlight for extended periods, especially in hot climates, as this can affect performance and lifespan.
- **Software Updates:** Regularly check for firmware updates provided by ATOTONA to ensure you have the latest features and bug fixes. Updates can typically be found on the official support website.
- **Cable Connections:** Periodically check that all cables are securely connected and free from damage.

7. TROUBLESHOOTING

This section addresses common issues you might encounter. If the problem persists, please contact customer support.

Problem	Possible Cause	Solution
Unit does not power on.	Loose power connection, blown fuse, vehicle battery issue.	Check power cable connections. Inspect vehicle's fuse box and the unit's fuse. Ensure vehicle battery is charged.
No sound from speakers.	Volume too low, mute activated, incorrect speaker wiring, amplifier issue.	Increase volume. Check if mute is on. Verify speaker wiring. Check external amplifier if used.

Problem	Possible Cause	Solution
CarPlay/Android Auto not connecting wirelessly.	Bluetooth/Wi-Fi off on phone, incorrect pairing, software glitch.	Ensure Bluetooth and Wi-Fi are enabled on your phone. Forget and re-pair the device. Restart both phone and stereo.
Rearview camera not displaying.	Camera not connected, faulty camera, incorrect wiring.	Check camera video input connection. Ensure camera is receiving power. Verify wiring according to diagram.
GPS signal weak or inaccurate.	GPS antenna obstructed or improperly placed.	Ensure GPS antenna has a clear view of the sky and is not obstructed by metal. Reposition if necessary.

8. SPECIFICATIONS

Feature	Detail
Model Number	A6G110PF-S01
Display Size	10.1 Inches
Display Resolution	1280x800 QLED
Operating System	Android OS
Connectivity Technology	Bluetooth (Dual BT1/BT2), Wi-Fi, USB
Special Features	Touchscreen, Wireless CarPlay/Android Auto, DSP, 36-Band EQ, Time Alignment, SCVC, DriveChat AI, TrackHU GPS Tracking, MirrorLink, Rear View Camera Access
Compatible Devices	Smartphone
Audio Output Mode	Stereo
Control Method	App, Touch, Voice, Steering Wheel Control (optional)
Item Weight	8.05 pounds
Package Dimensions	11.65 x 9.65 x 8.46 inches
Manufacturer	Shenzhen Yufengzhixing Electronics Tech Co Ltd

9. WARRANTY AND SUPPORT

Your ATOTONA Smart Car Stereo comes with a **12-month product care** from the date of purchase. You can receive an additional 6 months of product care by getting in touch with us. Our customer care team is available around the clock during workdays to assist you with any inquiries or issues.

For further assistance, please refer to the online manual or contact our customer support team. Contact information can typically be found on the official ATOTONA website or through your purchase platform.



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