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> [ATOTO A6G2A7PF Double-DIN Android Car Stereo User Manual](#)

ATOTO A6PF-A5

ATOTO A6G2A7PF Double-DIN Android Car Stereo User Manual

Model: A6PF-A5

Brand: ATOTO

1. SAFETY INFORMATION

Please read all instructions carefully before installation and operation. Keep this manual for future reference. Observe all local traffic laws and regulations. Do not operate the device in a way that distracts you from driving. Ensure proper wiring to prevent short circuits or damage to the vehicle's electrical system. Disconnect the vehicle's battery before installation to avoid electrical hazards.

2. PRODUCT OVERVIEW

The ATOTO A6G2A7PF is a versatile double-DIN Android car stereo designed to enhance your in-car entertainment and navigation experience. It features a responsive 7-inch touchscreen and runs on Android 10.0, powered by an 8-Core ARM Cortex A55 processor. Key functionalities include wireless CarPlay and Android Auto, MirrorLink, advanced audio processing with a Digital Signal Processor (DSP), and integrated GPS tracking.

Key Features:

- **Versatile Android System:** Android 10.0 with 8-Core ARM Cortex A55, supporting various apps and three internet access methods (Wi-Fi hotspot, USB, Bluetooth Tethering).
- **Wireless Smartphone Integration:** Supports Wireless CarPlay, Wireless Android Auto, and MirrorLink for seamless phone connectivity.
- **Ultimate Audio Experience:** Built-in DSP with 36-Band EQ, Time Correction, Speed Compensated Volume Control (SCVC), and adjustable crossover for superior sound quality.
- **GPS Tracking and Dual Bluetooth:** Features ATOTO's exclusive TrackHU app for real-time GPS tracking and dual Bluetooth for hands-free calls, audio streaming, and connecting third-party devices.
- **HD Rear View (LRV):** Supports HD 720P rear view camera input with Live Rear View feature.
- **User-Friendly Interface:** True 7-inch capacitive touchscreen with 178° wide viewing angle, multiple touch gestures, split-screen display, and convenient screen lock.



Figure 2.1: Front view of the ATOTO A6G2A7PF car stereo displaying its main interface with various application icons.

3. WHAT'S IN THE BOX

The following items are included in your ATOTO A6G2A7PF package:

- Car Stereo Unit
- GPS Antenna
- Line Out Converter
- External Microphone
- Power Cable
- Rear Camera Input Cable
- RCA Connector Cables
- USB External Storage Cable
- USB Phone Link Cable
- Rear Audio Out Cable
- Double-DIN Brackets
- Mounting Brackets
- Mounting Screws
- Screen Protector
- Installation Frame



Compatible with Nearly All Dash Kits

Special Instructions:

*If your package contains a Line Out Converter, refer to the manual for connection and use an external amplifier.

*If a Line Out Converter is not included, find the RL & RR wires in your package and use the FL and FR wires from the provided RCA Connector for RCA output.



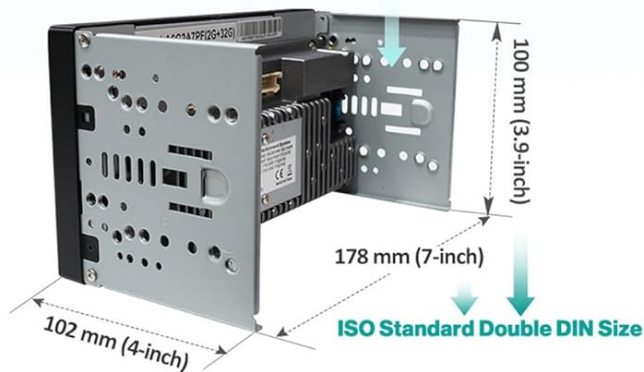
Line Out Converter



Rear Audio Out (RL&RR)

✓ Double DIN 100% Compatible

Much more room for cabling and accessories!



Packaging Information

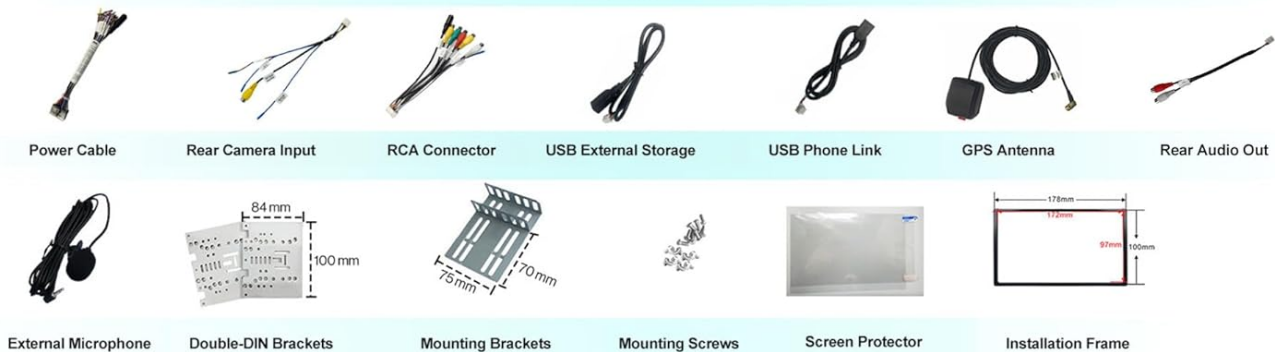


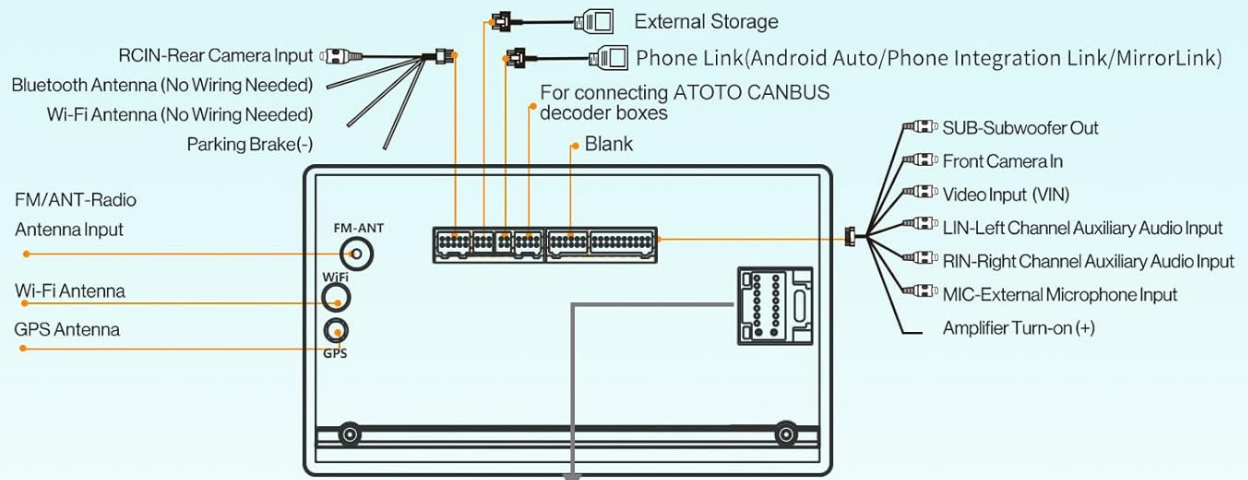
Figure 3.1: Overview of the ATOTO A6G2A7PF dimensions and included accessories for installation.

4. SETUP

4.1 Physical Installation

The ATOTO A6G2A7PF is a double-DIN unit with a 172mm x 97mm front panel, making it compatible with a wide range of dash kits. Its shorter chassis provides more space for wiring and other add-ons. Professional installation is recommended.

1. **Prepare the Dashboard:** Carefully remove your vehicle's existing stereo and trim panels.
2. **Connect Wiring:** Use the provided power cable, RCA connectors, and other necessary cables. Refer to the wiring diagram for correct connections. If your package includes a Line Out Converter, refer to its manual for connection to an external amplifier.
3. **Mount the Unit:** Secure the car stereo into the dashboard using the provided mounting brackets and screws.
4. **Connect Peripherals:** Attach the GPS antenna, external microphone, and any optional accessories like a rear view camera.



You can also connect Pin 1-Pin 4 and Pin 9-Pin 12 to the 2 LOCs included, which can then be connected to an external amplifier.

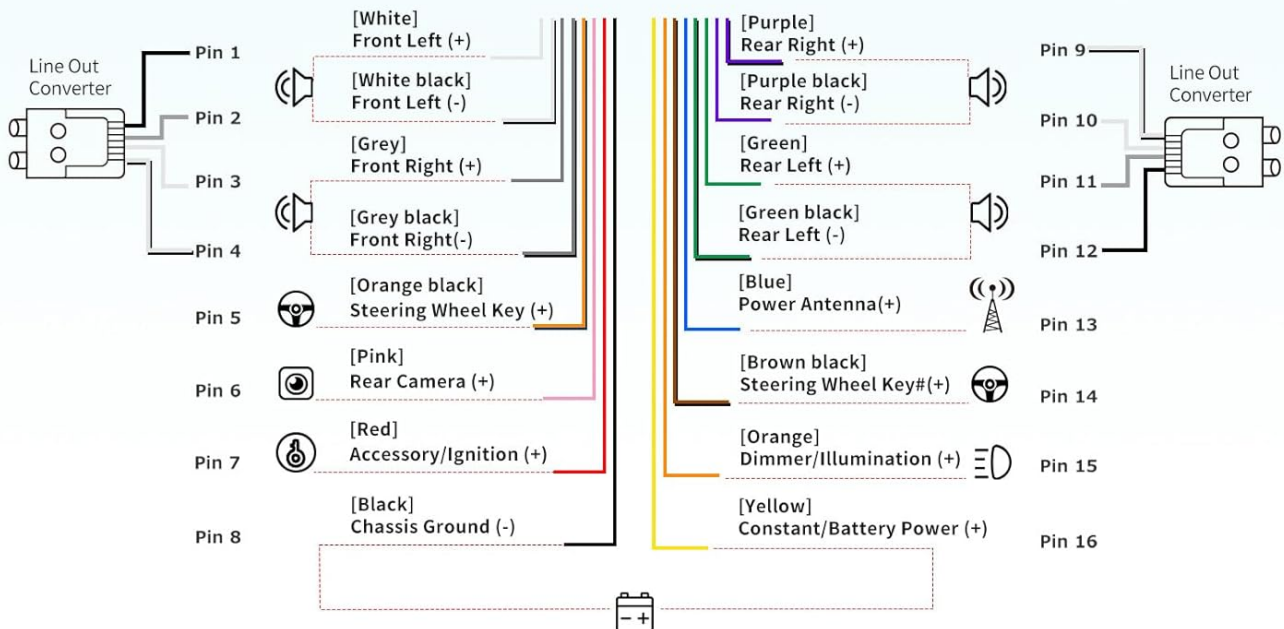
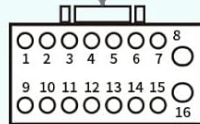


Figure 4.1: Comprehensive wiring diagram illustrating all connection points for the ATOTO A6G2A7PF, including power, audio, and peripheral inputs.



Figure 4.2: Illustration of the compact double-DIN design, highlighting the true 7-inch display and shorter chassis for easier installation.

4.2 Initial Power On and Fast Boot

The A6G2A7PF is designed for fast boot-up, allowing access to the system in less than 2 seconds after the vehicle starts. If your unit does not start up within 2 seconds, please verify the wiring connections or contact customer support.



Figure 4.3: Visual representation of the fast boot capability, indicating the system is ready in under 2 seconds.

4.3 Steering Wheel Control (SWC) Setup

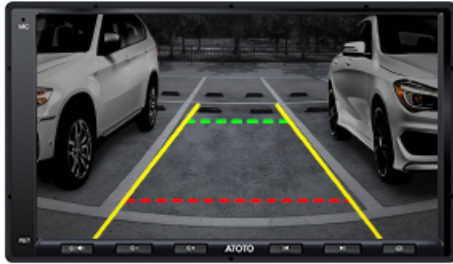
The ATOTO A6G2A7PF supports OEM steering wheel controls. You have three options for retaining this functionality:

1. **Direct Wiring:** Connect to the SWC wires on your vehicle (analog signals).
2. **Dedicated 3.5mm Port:** Use the dedicated 3.5mm port for SWC interfaces (e.g., Metra ASWC-1, PAC, Scosche).
3. **ATOTO AC-44F8 Wireless Remote:** Use the optional ATOTO AC-44F8 Wireless Remote (sold separately) as an alternative.

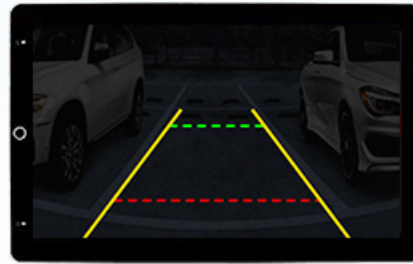
HD 720P Rear View Input with Live Rear-View (LRV) feature



Live Rear View



ATOTO Clear Night Vision



Others Blurred Night View



AC-HD02LR backup camera required (sold separately)

Figure 4.4: Options for integrating existing steering wheel controls with the car stereo, including direct wiring, external interfaces, and a wireless remote.

4.4 Optional Accessories

Expand the functionality of your ATOTO A6G2A7PF with various compatible accessories available at the ATOTO store:

- ATOTO OBDII AC-4450 (for vehicle diagnostics)
- ATOTO TPMS Device AC-UTP1 (for tire pressure monitoring)
- ATOTO AC-44P2 DVR (dash camera)
- ATOTO AC-HD02LR Rear Camera (HD rear view camera)
- Amplifiers (e.g., CA-AEC01/CA-AEC02)
- Speakers (e.g., CS-651DST/CS-651DC)
- Subwoofers (e.g., CS-101SW)
- Headrest Monitor Adapters (AC-AHV68/AC-AHV48)

True 7-inch Display in a Compact Double DIN Head Unit

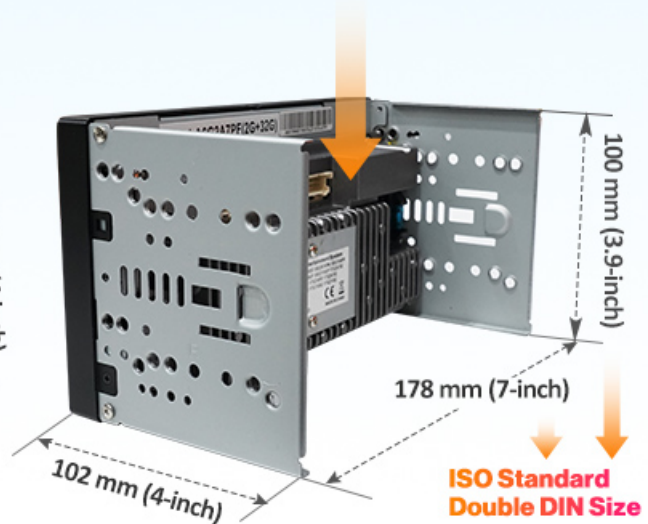
172mm*97mm Screen Frame Size

Working with Major Dash Kits Suppliers



Shorter Chassis

More Space for Wires and Other Add-ons



An additional frame adapter is available for expansion to 178 mm*101.5 mm, if necessary.

Figure 4.5: A selection of compatible accessories that can be integrated with the ATOTO A6G2A7PF to expand its capabilities.

5. OPERATING INSTRUCTIONS

5.1 Android System Basics & Internet Access

The A6G2A7PF runs on Android 10.0, offering extensive customization and app compatibility. You can download various applications from the Play Store, ranging from navigation to entertainment and vehicle diagnostics.

Internet access is crucial for many Android features. You can connect to the internet via:

- **5G/2.4G Wi-Fi Hotspot:** Connect to your phone's hotspot or a portable Wi-Fi device.
- **USB Tethering:** Connect your smartphone via USB for internet access, which can also provide a slight charge to your phone.
- **Bluetooth Tethering:** Share your phone's internet connection via Bluetooth for lower power consumption.

Unlock the Full Potential of the Android

More than 1000 apps can be installed



Efficient Chip (8-Core ARM Cortex, 1.6 GHz)

3 Options for Internet Access



Wi-Fi Hotspot
stable and fast



Bluetooth Tethering
less power consumption



USB Tethering
battery charges slightly

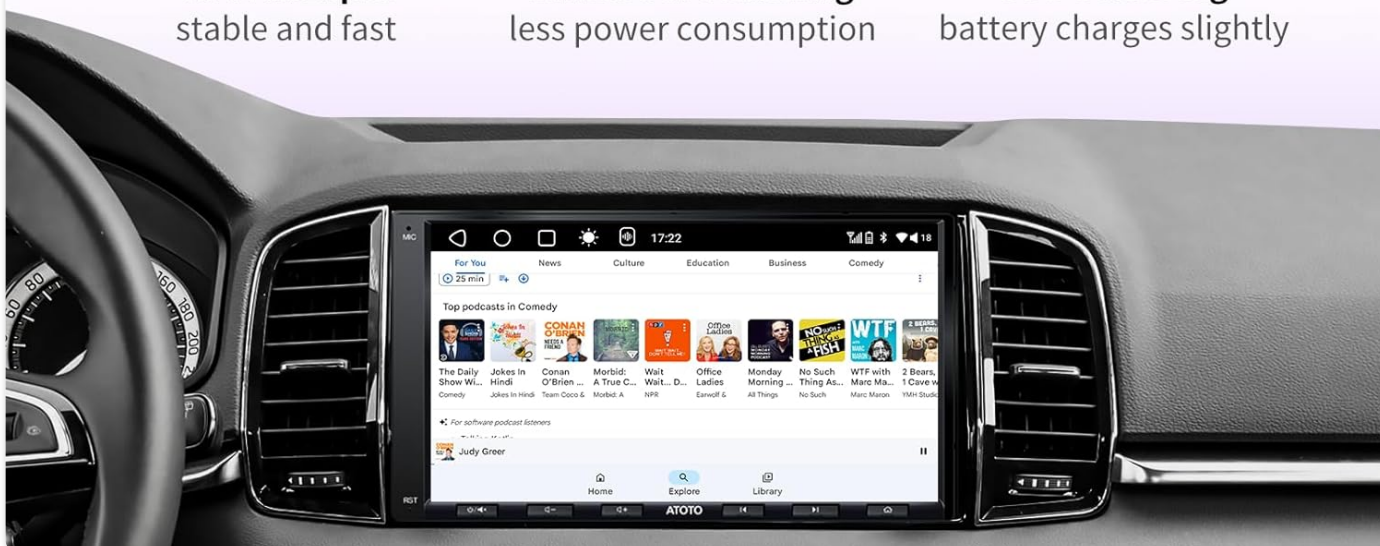


Figure 5.1: The Android interface of the car stereo, showcasing a variety of pre-installed and downloadable applications, along with the three internet connectivity options.

Stay Connected to the Internet on the Go with WiFi, USB & Bluetooth



Figure 5.2: Visual representation of the three primary methods for connecting the car stereo to the internet: Wi-Fi, Bluetooth, and USB tethering.

5.2 Wireless CarPlay, Android Auto & MirrorLink

The A6G2A7PF offers seamless integration with your smartphone for safe and convenient use while driving.

- **Wireless CarPlay/Android Auto:** Connect your iPhone or Android phone wirelessly via Bluetooth and Wi-Fi. Once paired, it will automatically connect in the future. Access online maps, make calls, send texts, and stream music/podcasts directly from your phone's interface on the stereo screen.
- **MirrorLink:** Cast most apps not compatible with CarPlay or Android Auto to the A6G2A7PF's screen. This feature supports both wireless and wired connections for iOS and Android phones.

Safely Use Your Phone While Driving

Navigation/Calls/Messages/Music/News...



CarPlay

Wireless and Wired



Android Auto

Wireless and Wired



MirrorLink



Wireless and Wired
both iOS & Android phones



Track Your Car with TrackHU APP

(ATOTO's Exclusive Feature)



Geofence



Real-Time Tracking



Instant Alerts



Route Playback with
speed control



Figure 5.3: Demonstrates the wireless capabilities for CarPlay and Android Auto, alongside MirrorLink for casting phone content to the stereo display.



Figure 5.4: Illustrates the wireless connection between a smartphone and the car stereo for both Phone Integration Link (CarPlay) and Android Auto.

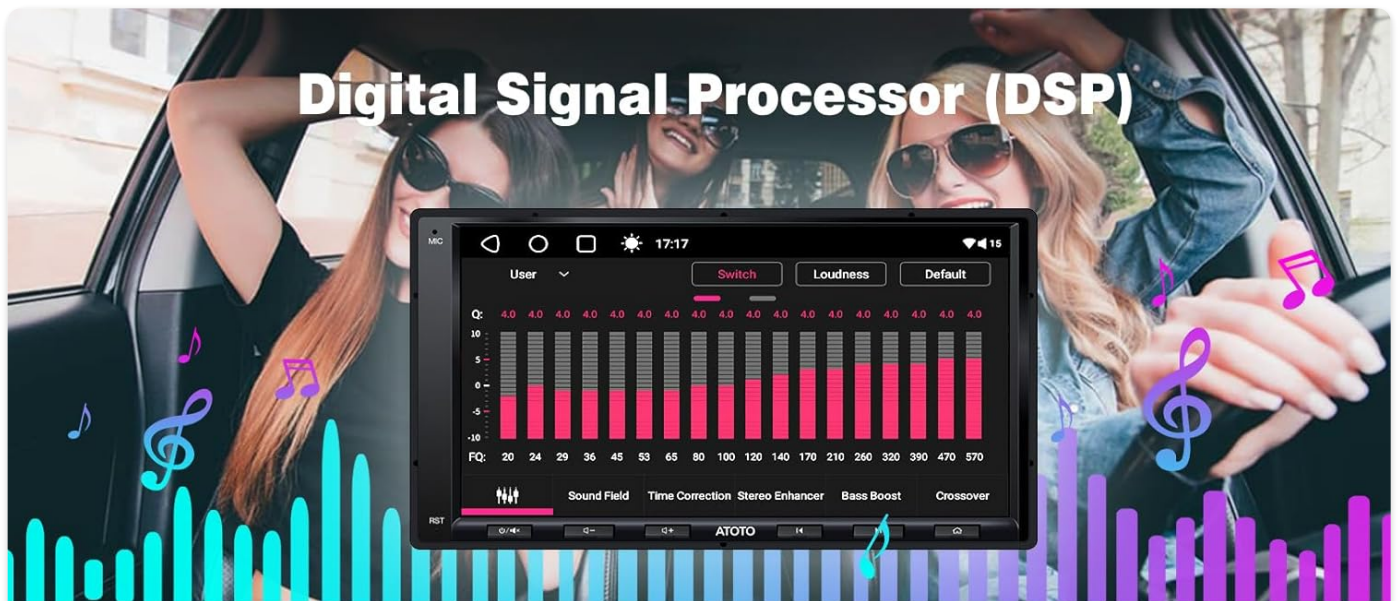


Figure 5.5: A compatibility guide detailing the minimum iOS and Android versions required for wireless and wired CarPlay, Android Auto, and MirrorLink functionalities.

5.3 Ultimate Audio Experience

The A6G2A7PF's built-in Digital Signal Processor (DSP) and Equalizer (EQ) transform your car's audio into a high-quality sonic environment. The maximum 4*45W (4*24W RMS) built-in amplifier ensures powerful sound without distortion.

- **36-Band EQ:** Customize your audio output with a precise 36-band equalizer to tailor the sound to your preferences.
- **Time Correction:** Achieve harmonious sound by adjusting the timing of audio signals from each speaker, ensuring sound from all speakers hits your ears simultaneously.
- **Speed Compensated Volume Control (SCVC):** Automatically adjusts the volume of your sound system to counteract external noise as your vehicle's speed changes.
- **Adjustable Crossover:** Direct specific frequencies to tweeters and woofers for a smooth and natural transition between low and high tones.



● 36-Band EQ: Customizable

36 adjustable bands can satisfy the most sophisticated needs.

● Time Alignment: Harmonious

Sound from all speakers hits your ears simultaneously - no matter their position.

● Speed Compensated Volume: Comfortable

Automatically adjusts the volume of your sound system as your speed changes

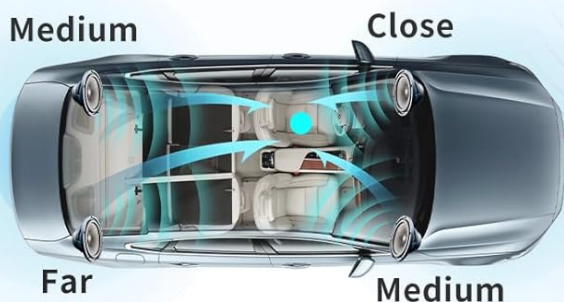


Figure 5.6: Detailed explanation of the DSP features, including the 36-band equalizer, time alignment, and speed-compensated volume control for optimized audio.



Figure 5.7: The 36-Band EQ interface on the car stereo, allowing for precise audio customization across various frequency ranges.



Figure 5.8: Illustration of Time Alignment, demonstrating how sound from different speakers can be synchronized to reach the listener's

ears simultaneously for a harmonious experience.

5.4 GPS Tracking with TrackHU App

Utilize TrackHU, ATOTO's exclusive GPS tracking application, for comprehensive vehicle monitoring. This app provides real-time tracking with an up-to-5s refresh rate, track playback with speed control, detailed reports, and instant online/offline status and geofence alerts.

TrackHU leverages OsmAnd's 4-satellite positioning (GPS, Galileo, GLONASS, Beidou) for accurate location data. The app icon can be hidden by default for privacy and will auto-run when the vehicle starts.

Your browser does not support the video tag.

Video 5.1: An instructional video demonstrating the features and usage of the TrackHU GPS Tracking APP for ATOTO Android Systems, including setup and tracking capabilities.

Safely Use Your Phone While Driving
Navigation/Calls/Messages/Music/News...

CarPlay
Wireless and Wired

Android Auto
Wireless and Wired

MirrorLink
Wireless and Wired
both iOS & Android phones

Track Your Car with TrackHU APP
(ATOTO's Exclusive Feature)

- Geofence
- Instant Alerts
- Real-Time Tracking
- Route Playback with speed control

Figure 5.9: The car stereo interface showing the TrackHU app icon, alongside other connectivity options like CarPlay and Android Auto.

Track Your Car at Your Fingertips with TrackHU App



Flexible Refresh Rate
(5s, 15s, 30s, 2min)
real-time tracking



OsmAnd 4-satellite
(GPS, GLONASS, Galileo,
Beidou) accurate positioning



Track Playback
with speed control



Instant Alerts
for geofence & online/
offline status

Note: Units bought before April 2023 may need an upgrade.

Figure 5.10: The TrackHU app interface on a smartphone, detailing features such as flexible refresh rates, 4-satellite positioning, track playback, and instant alerts.

5.5 Dual Bluetooth

The A6G2A7PF features dual Bluetooth modules for enhanced connectivity:

- **BT1:** Handles hands-free calls and audio streaming from your smartphone. Connect your phone to BT1, and the A6G2A7PF will automatically unlock when you enter the car and lock when you walk away.
- **BT2:** Pairs with multiple third-party Bluetooth devices, such as OBDII scanners or Bluetooth gamepads.



Figure 5.11: Demonstrates the dual Bluetooth capabilities, allowing for simultaneous phone calls/audio streaming (BT1) and connection to other Bluetooth devices (BT2).

5.6 HD Rear View Camera Input (LRV)

The unit supports HD 720P rear view camera input with a Live Rear View (LRV) feature. This allows you to check the live traffic condition behind your vehicle while driving forward, enhancing safety and awareness. An ATOTO AC-HD02LR backup camera is required and sold separately.

HD 720P Rear View Camera Input with Live Rear View Feature (LRV)

Check the live traffic condition behind when you are driving ahead



Live Rear View



Night Vision



HD Rear View



IPS Display

178° Viewing Angle

6 Responsive Physical Buttons



150° Wide Angle

ATOTO AC-HD02LR
(sold separately)



Figure 5.12: The car stereo screen displaying the live feed from a rear view camera, highlighting features such as HD resolution, night vision, and a 178° viewing angle.

5.7 Screen Features

The A6G2A7PF features a TRUE 7-inch IPS touchscreen with a resolution of 1024 x 600, offering visual brilliance from every angle with a 178° wide viewing angle.

- **5-touch Capacitive Touchscreen:** Provides an intuitive and responsive user experience.
- **Convenient Screen Lock:** Secure your personal accounts (Google, Facebook, etc.) from unauthorized access. The screen can be unlocked with Bluetooth1, eliminating the need for manual password entry.
- **Multiple Touch Gestures:** Enhance user experience and driving safety through various intuitive gestures.
- **Split Screen Display:** Manage multiple tasks simultaneously without switching between apps.

Compatible with OEM Steering Wheel Control (SWC)

Steering Wheel Controls Retention

Choose 1 from 3 Options

Option1: Connect to SWC wires on your vehicle(analog signals)



Option2: Dedicated 3.5mm port for SWC Interfaces



Connect Metra ASWC-1 and similar interfaces from Metra, PAC, Scosche, etc.

Option3: Or Use ATOTO AC-44F8 Wireless Remote Instead



AC-44F8
Wireless Remote
(Sold Separately)



Receiver

Figure 5.13: Highlights the visual quality of the HD 7-inch IPS screen, emphasizing its wide viewing angle and responsive capacitive touch capabilities.

Visual Brilliance at Every Angle

HD 7-inch IPS screen (1024 x 600)

178° Wide Viewing Angle



5-touch Capacitive Touch-screen
Intuitive and Responsive

Figure 5.14: Demonstrates the convenient screen lock feature for privacy, which can be automatically unlocked using Bluetooth 1 without manual password entry.



Figure 5.15: Illustrates the support for multiple touch gestures and the split-screen display feature, allowing users to manage several applications simultaneously.

5.8 Voice Control

Stay hands-free and on track by utilizing voice assistants. The A6G2A7PF supports Google Assistant and Siri, allowing you to control various functions using voice commands.

Stay Handsfree, Stay on Track

Let Voice Assistants Guide You Safely



Figure 5.16: Depicts the integration of voice assistants like Siri and Google Assistant, enabling hands-free operation for safer driving.

6. MAINTENANCE

To ensure the longevity and optimal performance of your ATOTO A6G2A7PF, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the screen and exterior. Avoid abrasive cleaners or solvents.
- **Software Updates:** Regularly check for and install system updates. ATOTO provides continuous software upgrades to improve performance and add new features. Updates can typically be performed over-the-air (OTA) via the FindApps store.
- **Environmental Conditions:** Avoid exposing the unit to extreme temperatures, direct sunlight for prolonged periods, or excessive moisture.

Tailored Solutions for Every Vehicle - Using the SBV (Search By Vehicle) Tool

ATOTO

Search By Vehicle

Please enter

Search

Year



Make



Model



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

Figure 6.1: The car stereo displaying an update notification, emphasizing the importance of regular system updates for optimal performance.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your ATOTO A6G2A7PF. For more complex problems, please contact customer support.

Problem	Possible Cause	Solution
Unit does not power on.	Incorrect wiring; Blown fuse.	Check all power connections and fuses. Ensure the ACC wire is connected correctly.
No sound output.	Incorrect speaker wiring; External amplifier not enabled.	Verify speaker connections. Check if the external amplifier signal is enabled in the unit's settings.
Wireless CarPlay/Android Auto disconnects or fails to connect.	Interference; Software glitch; Phone settings.	Ensure strong Wi-Fi and Bluetooth signals. Restart both the stereo and your phone. Check phone's CarPlay/Android Auto settings. Update stereo firmware.
System freezes or lags.	Too many apps running; Low memory; Software bug.	Close unused applications. Clear cache. Perform a system restart. Check for and install software updates.
GPS signal is weak or inaccurate.	GPS antenna placement; Environmental factors.	Ensure GPS antenna has a clear view of the sky. Avoid placing it near metal objects.

8. SPECIFICATIONS

Feature	Description
Model Number	A6PF-A5
Product Dimensions	8.9 x 5.7 x 5.7 inches (8.9"D x 5.7"W x 5.7"H)
Item Weight	2.84 pounds
Operating System	Android 10.0
Processor	8-Core ARM Cortex A55
Display	7-inch IPS Touchscreen (1024 x 600 resolution)
Connectivity Technology	Dual Bluetooth, USB, 2.4G/5G Wi-Fi
Smartphone Integration	Wireless CarPlay, Wireless Android Auto, MirrorLink
Audio Output Mode	Mono, Stereo
Surround Sound Channel Configuration	4.1
Special Features	3 Internet Accesses, 36-Band EQ (DSP), GPS Tracking (TrackHU APP), MirrorLink, Wireless CarPlay and Android Auto
Compatible Devices	ATOTO OBDII AC-4450, ATOTO TPMS Device AC-UTP1, Amplifier, Speaker, iPhone and Android Phones
Connector Type	RCA, USB Type A
Video Encoding	H.263, H.264, DIVX4-6, XVID Decoder
Date First Available	May 31, 2022

9. WARRANTY AND SUPPORT

ATOTO offers professional pre and post-sale services, coupled with continuous software upgrades and the SBV (Search By Vehicle) tool to assist with compatibility. Your ATOTO A6G2A7PF comes with an 18-month product care period.

For any inquiries or support, please feel free to contact ATOTO via seller support through your order center, or directly at support@myatoto.com. Responses are typically provided within 24 hours on workdays.

Regular System Updates and Enough Resources

Keeping Your A6 PF Up-to-date is a Breeze



Figure 9.1: Visual representation of the 18-month product care and dedicated customer support provided by ATOTO.