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ATOTOEXCEL A6PF

ATOTOEXCEL A6PF Android Double DIN Car Stereo User Manual

Model: A6PF
Brand: ATOTOEXCEL

Introduction

This manual provides comprehensive instructions for the installation, operation, and maintenance of your ATOTOEXCEL A6PF Android Double DIN Car Stereo. Please read this manual thoroughly before using the product to ensure proper functionality and to maximize your user experience. Keep this manual for future reference.

What's in the Box

The ATOTOEXCEL A6PF Android Double DIN Car Stereo package includes the following components:

- Car Stereo Head Unit
- Backup Camera
- External Microphone
- GPS Antenna
- Line Out Converter
- Double-DIN Brackets
- Mounting Brackets
- Power Cable
- Rear Camera Input Cable
- USB External Storage Cable
- USB Phone Link Cable
- Screen Protector (2 pack)
- Mounting Screws
- Installation Frame

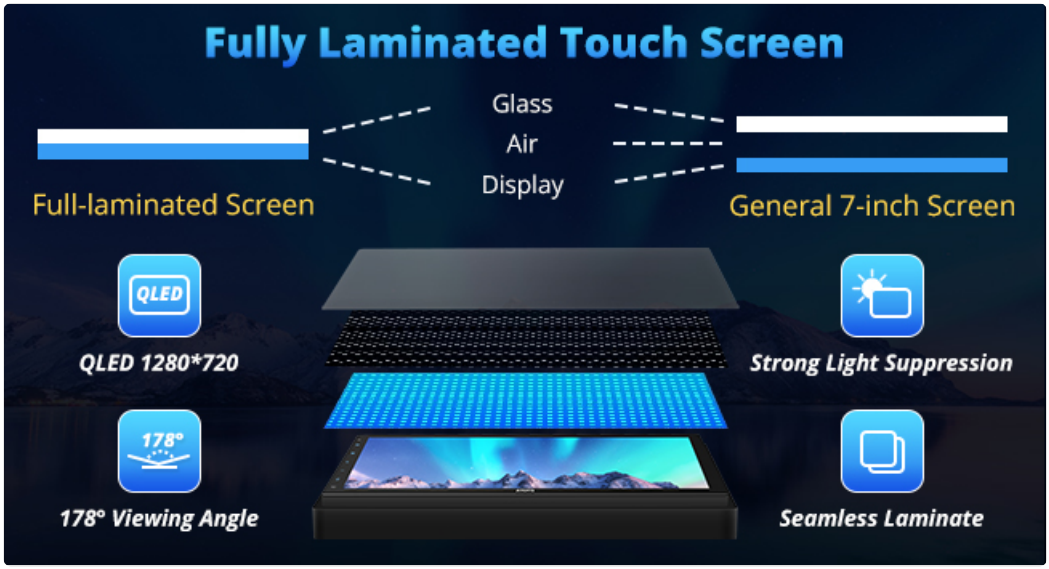


Image: Overview of the included components in the product packaging.

Specifications

Feature	Detail
Package Dimensions	9.02 x 5.75 x 5.71 inches
Item Weight	3.2 pounds
Screen Diagonal	7 inches / 18 cm
Display Resolution	1280*720 (QLED Fully Laminated)
Processor	8-Core ARM Cortex A55
Memory (RAM + ROM)	2GB RAM + 32GB Storage
Operating System	Android OS
Connectivity	Bluetooth, USB, Wi-Fi (2.4GHz & 5GHz)
Special Features	Wireless Apple CarPlay & Android Auto, Backup Camera (HD Live Rear View), DriveChat (AI chat), GPS Navi tracking, DSP, 36-band EQ
Audio Output Mode	Mono, Stereo
Surround Sound	4.1 Channel Configuration
Amplifier	Built-in M-A-X 4*45W and 4*24W RMS amplifiers

Setup and Installation

Proper installation is crucial for the optimal performance of your car stereo. It is recommended to have the unit installed by a qualified professional if you are unfamiliar with car audio wiring.

Double DIN Compatibility

The A6PF features a standard Double DIN chassis size (178mm width x 100mm height x 102mm depth) with a 172mm x 96mm screen frame. This design allows for more space for wiring and other add-ons behind the unit. An additional frame adapter may be required for expansion to 178mm x 101.5mm, if necessary for your vehicle's dash kit.

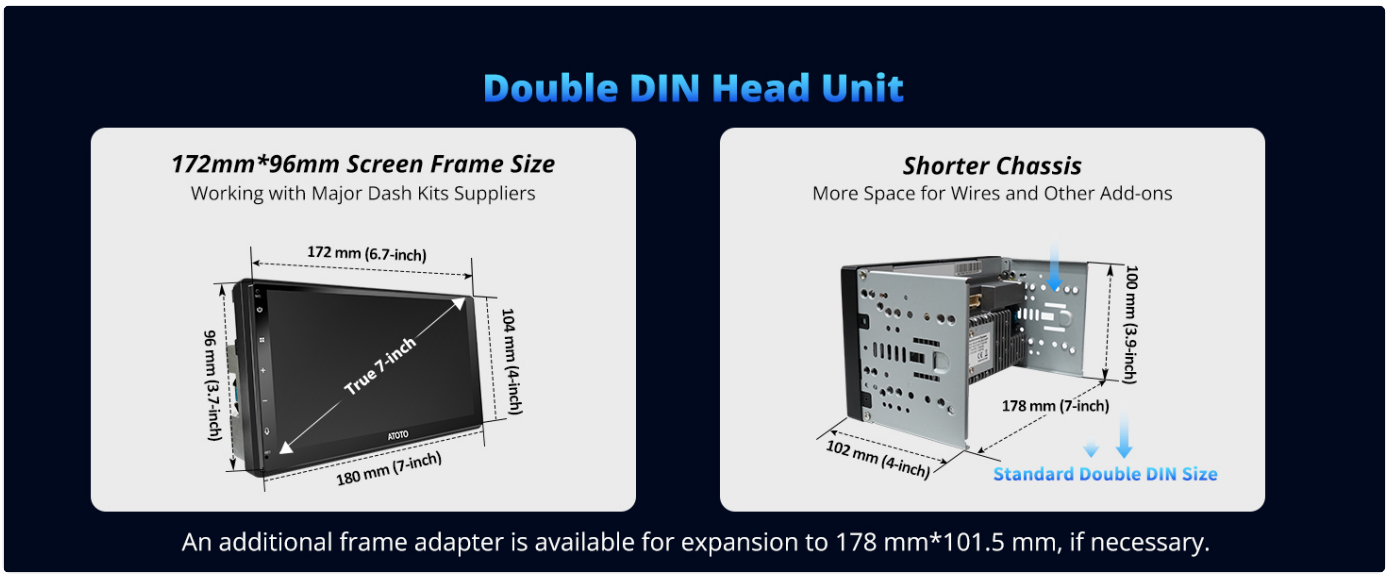


Image: Double DIN Head Unit dimensions and chassis design.

Wiring Diagram

Refer to the detailed wiring diagram below for connecting the stereo to your vehicle's electrical system. Ensure all connections are secure and correctly matched to prevent damage to the unit or your vehicle.

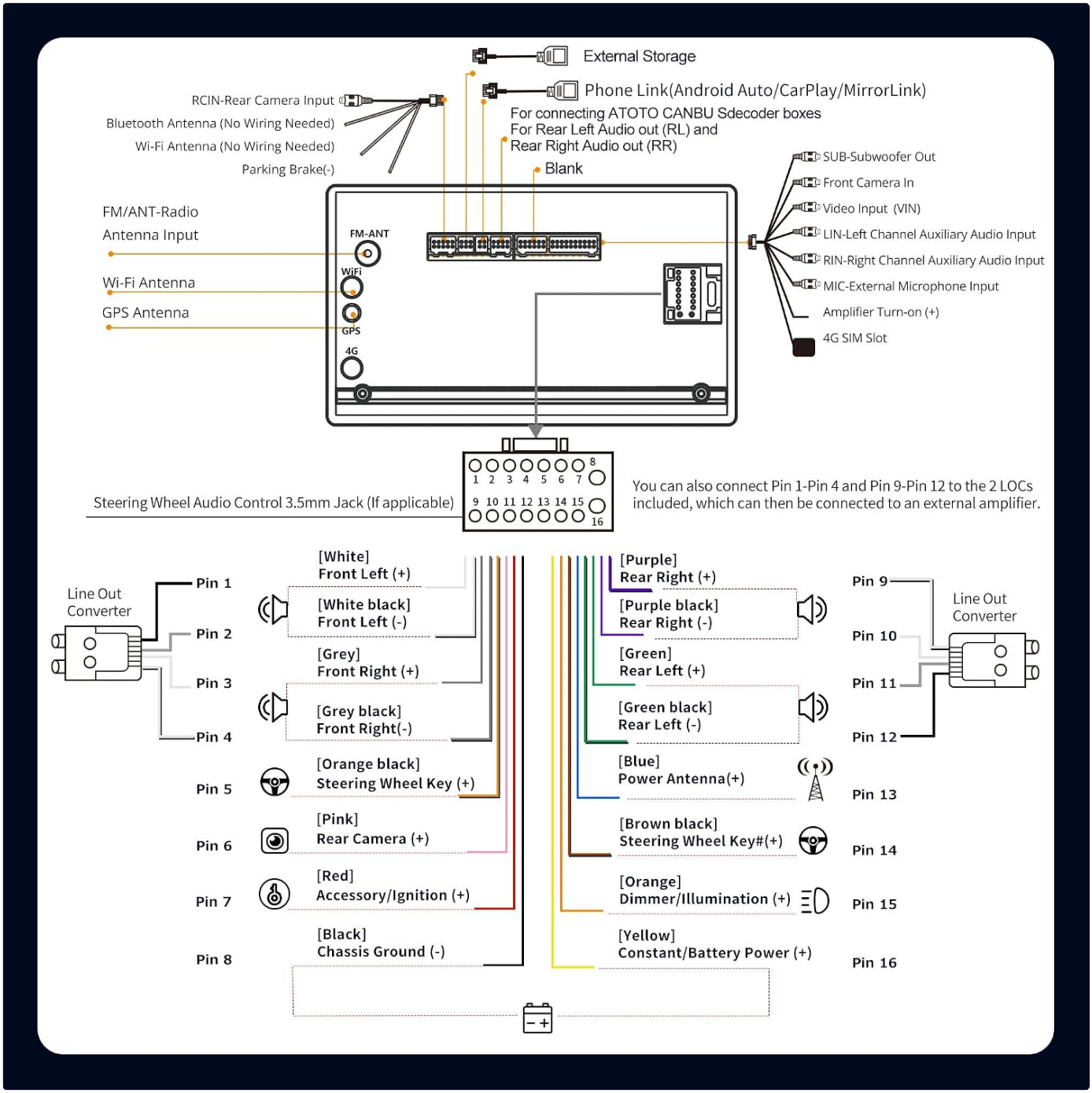


Image: Comprehensive wiring diagram for installation.

Steering Wheel Control (SWC) Retention

The A6PF supports steering wheel controls. You have three options for connecting SWC:

1. **Option 1:** Use an ATOTO AC-44F8 SWC remote (not included) with its receiver.
2. **Option 2:** Connect directly to your vehicle's analog SWC wires (Steering Wheel Key # (+), Steering Wheel Key (+), Chassis Ground (-)).
3. **Option 3:** Utilize the dedicated 3.5mm port for SWC interfaces, compatible with products from Metra, PAC, Scosche, etc.



Image: Steering Wheel Control connection options.

Operating Instructions

Crystal Clear Fully Laminated Screen

The A6PF features a 7-inch QLED fully laminated screen with a 1280*720 resolution. This advanced display technology provides vibrant colors, sharp visuals, and a 178° full viewing angle, enhancing clarity and responsiveness similar to a tablet. The full lamination minimizes glare and improves touch sensitivity.



Image: The fully laminated QLED screen of the A6PF.

Android OS and Performance

Powered by an 8-Core ARM Cortex A55 processor with 2GB RAM and 32GB internal storage, the A6PF operates on an Android OS. This allows for smooth performance, quick responses, and the ability to download and run a wide range of applications from the Google Play Store, personalizing your in-car experience.



Image: Android Car Stereo interface with various applications.

Internet Connectivity

Stay connected with three internet access options:

- **USB Tethering:** Connect your smartphone via USB to share its internet connection.
- **Wi-Fi Hotspot:** Connect to a Wi-Fi network or use your phone as a mobile hotspot. Supports dual-band 2.4GHz and 5GHz Wi-Fi.
- **Bluetooth Tethering:** Share your phone's internet connection via Bluetooth.

DriveChat - AI Chat Partner

DriveChat, powered by ChatGPT, offers an interactive AI chat experience. Engage in conversations, ask questions, and control functions via voice commands, such as answering calls or playing music. You can switch between various chatbots and customize wake-up words for a personalized AI driving experience.



Image: DriveChat AI interface and interaction examples.

Wireless CarPlay & Android Auto, MirrorLink

Enjoy seamless smartphone integration with wireless CarPlay and Android Auto. After the initial Bluetooth/Wi-Fi setup, your phone will automatically connect when you enter the car, eliminating the need for cables. This supports both online and offline navigation via built-in GPS. For apps incompatible with CarPlay/Android Auto, MirrorLink allows you to cast your phone's screen to the A6PF display.



Image: Wireless CarPlay and Android Auto functionality.

Regular System Updates



We are committed to delivering car stereo systems by providing regular firmware updates every few months.

18-Month Product Care



We offer 12 months of product care from the purchase date. For an additional 6 months of coverage, please get in touch with us.

Image: MirrorLink feature casting phone content to the stereo screen.

GPS Tracking with TrackHU App

The self-developed TrackHU app provides real-time GPS tracking with responsive refresh rates (5s, 15s, 30s, 2min). It supports 4-star OsmAnd navigation, speed-controlled track playback, detailed reports, and instant online/offline status with geofence alerts. You can access the TrackHU app via the provided QR code or link.



Image: TrackHU app for GPS tracking.

Access TrackHU: TrackHU App Link

Audio Features: DSP, 36-Band EQ, SCVC

Enhance your in-car audio experience with the built-in Digital Signal Processor (DSP). Fine-tune your sound with the 36-band adjustable Equalizer (EQ) and customizable crossovers to create a concert-like atmosphere. The Speed Compensated Volume Control (SCVC) automatically adjusts the volume to counteract road noise as your speed increases, ensuring consistent audio clarity.

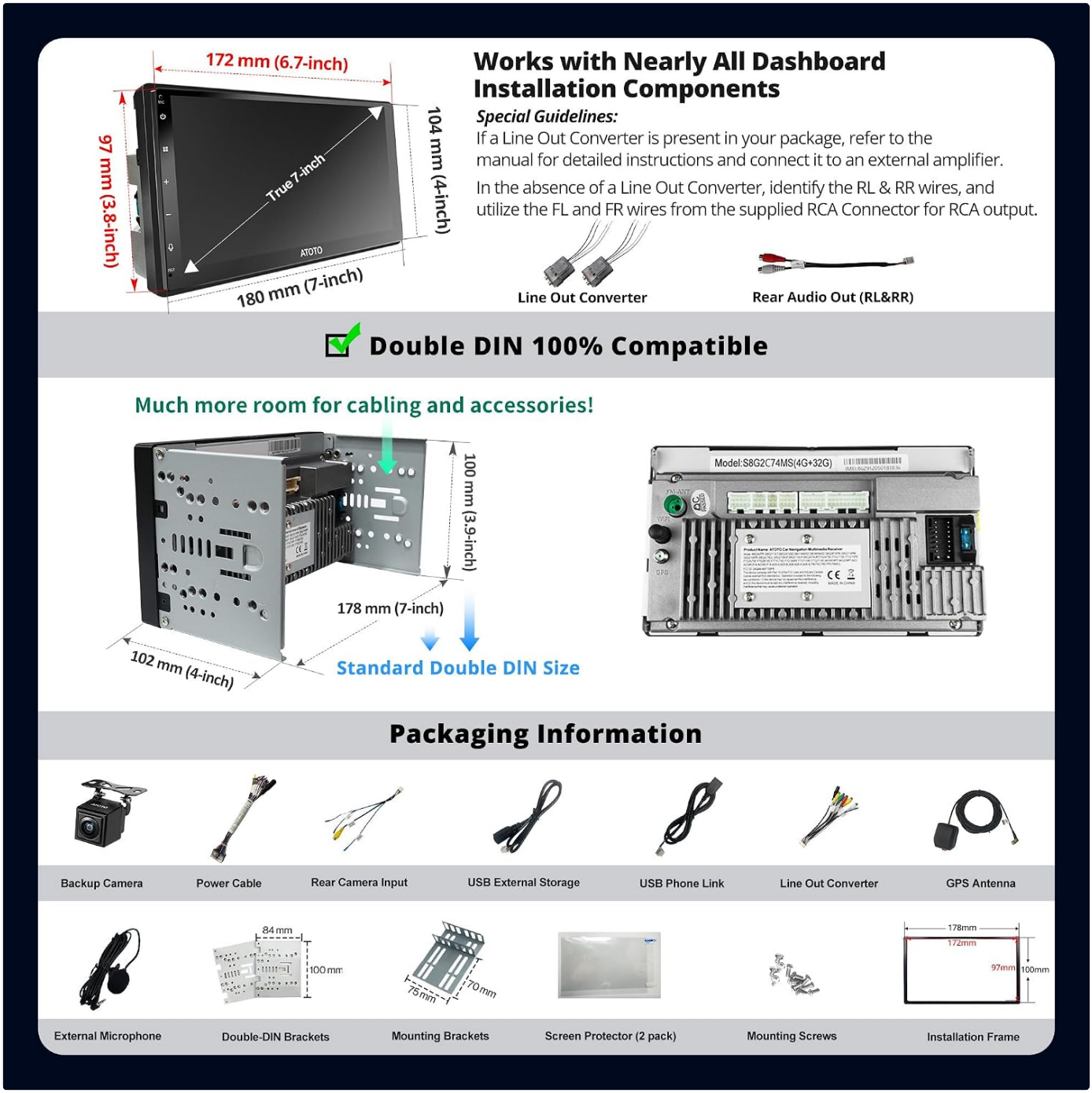


Image: Audio features including DSP, 36-Band EQ, and SCVC.

Backup Camera with HD Live Rear View (LRV)

A backup camera is included with the A6PF. The Live Rear View (LRV) function enables real-time monitoring of the rear area on the screen while driving forward, providing enhanced safety and awareness.

Dual Bluetooth

The A6PF features Dual Bluetooth capabilities for enhanced convenience:

- **BT1:** Primarily for calls and audio streaming. When connected to BT1, the A6 Android unit can automatically unlock when you enter your car and lock when you walk away, maintaining privacy.
- **BT2:** For pairing with multiple third-party Bluetooth devices, such as OBD-II scanners or gamepads. It also allows access to the internet via hotspot.



Image: Dual Bluetooth functionality.

Fast Boot

The unit is designed for a fast boot-up time, typically within 2 seconds. If your A6 does not start up within 2 seconds, please verify your wiring connections. The system is engineered to avoid battery draining, with a standby current of less than 10mA after powering off.



Image: Fast Boot and power management features.

External Display Support

The A6PF can support external headrest monitors for rear-seat entertainment. This requires additional adapters such as the AC-AHV68 (USB to HDMI adaptor) or AC-AHV48 (USB to RCA adaptor), which are not included with the unit.



Image: External display connectivity for headrest monitors.

Maintenance

To ensure the longevity and optimal performance of your ATOTOEXCEL A6PF car stereo, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the screen and exterior. For stubborn smudges, a slightly damp cloth with a mild, non-abrasive cleaner can be used, but avoid excessive moisture.
- **Temperature:** Avoid exposing the unit to extreme temperatures. Prolonged exposure to direct sunlight or very cold conditions can affect performance and lifespan.
- **Software Updates:** Regularly check for and install system updates to ensure the unit has the latest features, bug fixes, and performance improvements. Updates are typically available via OTA (Over-The-Air) through the FindApps application.
- **Cable Connections:** Periodically check all wiring connections to ensure they remain secure and free from corrosion. Loose connections can lead to intermittent issues or poor performance.

Troubleshooting

If you encounter issues with your ATOTOEXCEL A6PF car stereo, refer to the following common troubleshooting tips:

- **Unit Does Not Power On:** Check all power connections, including the accessory/ignition wire and constant battery power. Ensure fuses are intact.
- **Slow Boot-Up Time (more than 2 seconds):** Verify that the wiring is correctly installed, especially the power connections.
- **Screen Unresponsive or Incorrect Touch Calibration:** If the screen is unresponsive or registers touches incorrectly, perform a screen calibration. Refer to the unit's settings menu for calibration options.
- **No Audio Output:** Check speaker wiring connections. Ensure the amplifier turn-on wire (if using an external amplifier) is correctly connected. Verify volume levels and EQ settings.
- **Bluetooth Connectivity Issues:** Ensure Bluetooth is enabled on both the stereo and your device. Try unpairing and re-pairing the devices. Clear Bluetooth cache if available in settings.
- **GPS Signal Loss:** Ensure the GPS antenna is properly installed and has a clear line of sight to the sky. Check the antenna connection to the unit.
- **System Freezes or Glitches:** Try restarting the unit. If issues persist, perform a factory reset (note: this will erase all user data and settings). Ensure the firmware is up to date.

For more complex issues or if troubleshooting steps do not resolve the problem, please contact ATOTOEXCEL customer support.

Warranty and Support

ATOTOEXCEL is committed to delivering high-quality car stereo systems. We offer comprehensive product care and support for your A6PF unit.

Product Care and Updates

Your product comes with 12 months of product care from the purchase date. An additional 6 months of coverage may be available; please contact us for details. We provide regular firmware updates every few months to enhance performance and add new features. These updates can typically be performed Over-The-Air (OTA) via the FindApps application.

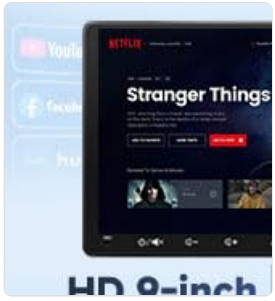


Image: Information on system updates and product care.

Seeking Help

If you require assistance or have questions regarding your product, you can seek help via your order center, eproductcase, or by contacting support at atotoglobal.com.



Image: Contact information for customer support.

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