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ATOTO A6 PP 7 inch (4G+64G)

ATOTO A6 7-inch Double DIN Android Car Stereo User Manual

Model: A6 PP 7 inch (4G+64G)

1. Product Overview

The ATOTO A6 PP is a sophisticated 7-inch Double DIN Android Car Stereo designed to enhance your in-car entertainment and navigation experience. It features a high-resolution QLED touchscreen, powerful processing capabilities, and extensive connectivity options.



Figure 1.1: Front view of the ATOTO A6 PP Car Stereo, showcasing its 7-inch QLED touchscreen and physical buttons.

Key Features:

- **Versatile Android System:** Runs on Android 10.0 with an 8-Core ARM Cortex A55 processor and 4GB RAM + 64GB ROM for smooth performance.
- **QLED Fully Laminated Touch Screen:** True 7-inch QLED display (1280x720 resolution) for improved clarity, touch sensitivity, and durability.
- **Wireless CarPlay & Android Auto:** Seamless integration with iPhone and Android smartphones for navigation, calls, messages, and music.
- **MirrorLink:** Cast most apps from your phone to the A6 PP screen.
- **Ultimate Audio Experience:** Built-in Digital Signal Processor (DSP) with 36-Band EQ, Time Correction, and Speed Compensated Volume Control (SCVC).
- **GPS Tracking (TrackHU App):** ATOTO's exclusive app for real-time tracking, track playback, and geofence alerts.
- **Dual Bluetooth:** BT1 for hands-free calls and audio streaming, BT2 for connecting third-party Bluetooth devices.
- **Multiple Internet Accesses:** Connect via 5G/2.4G Wi-Fi hotspot, USB, or Bluetooth Tethering.



Figure 1.2: Close-up of the True 7-inch QLED Fully Laminated Touchscreen, highlighting its sleek design and wide viewing angle.

2. Setup and Installation

2.1 What's in the Box

Verify that all components are present in the packaging:

- Car Stereo
- GPS Antenna
- Line Out Converter
- External Microphone
- Mounting Brackets
- Mounting Screws
- Screen Protector (2 pack)
- Installation Frame
- Power Cable

- Rear Camera Input Cable
- RCA Connector
- USB External Storage Cable
- USB Phone Link Cable
- Rear Audio Out Cable

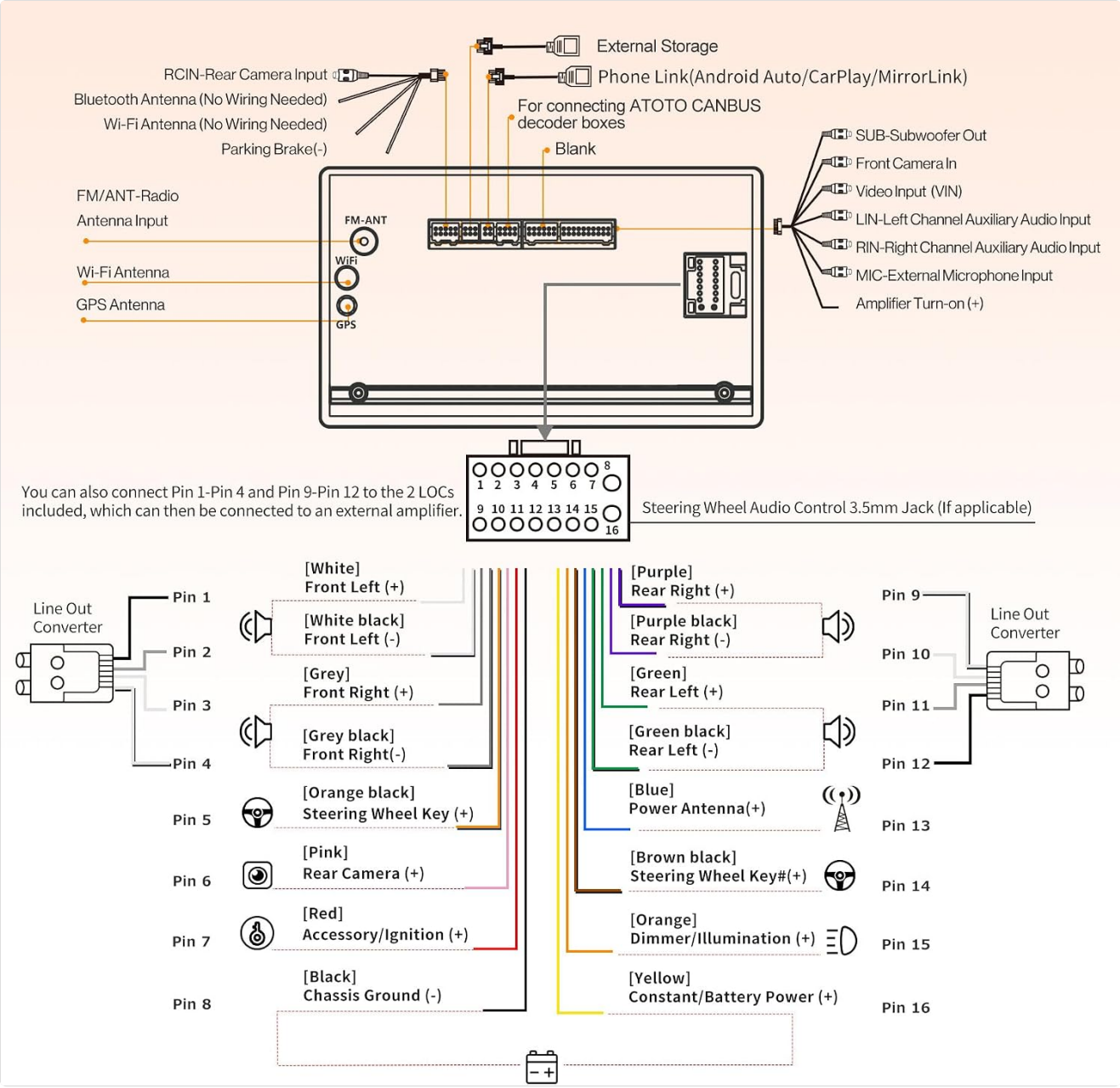


Figure 2.1: Contents of the ATOTO A6 PP packaging, including the main unit and various accessories.

2.2 Physical Installation

The ATOTO A6 PP is designed for double DIN compatibility, featuring a 172mm*96mm front panel suitable for a wide range of dash kits. Its shorter chassis (100mm depth) provides more space for wiring and additional accessories.

For detailed installation instructions, including specific wiring diagrams and vehicle-specific dash kit requirements, please refer to the comprehensive installation guide provided with your unit or consult the ATOTO SBV (Search By Vehicle) tool on the official ATOTO website.

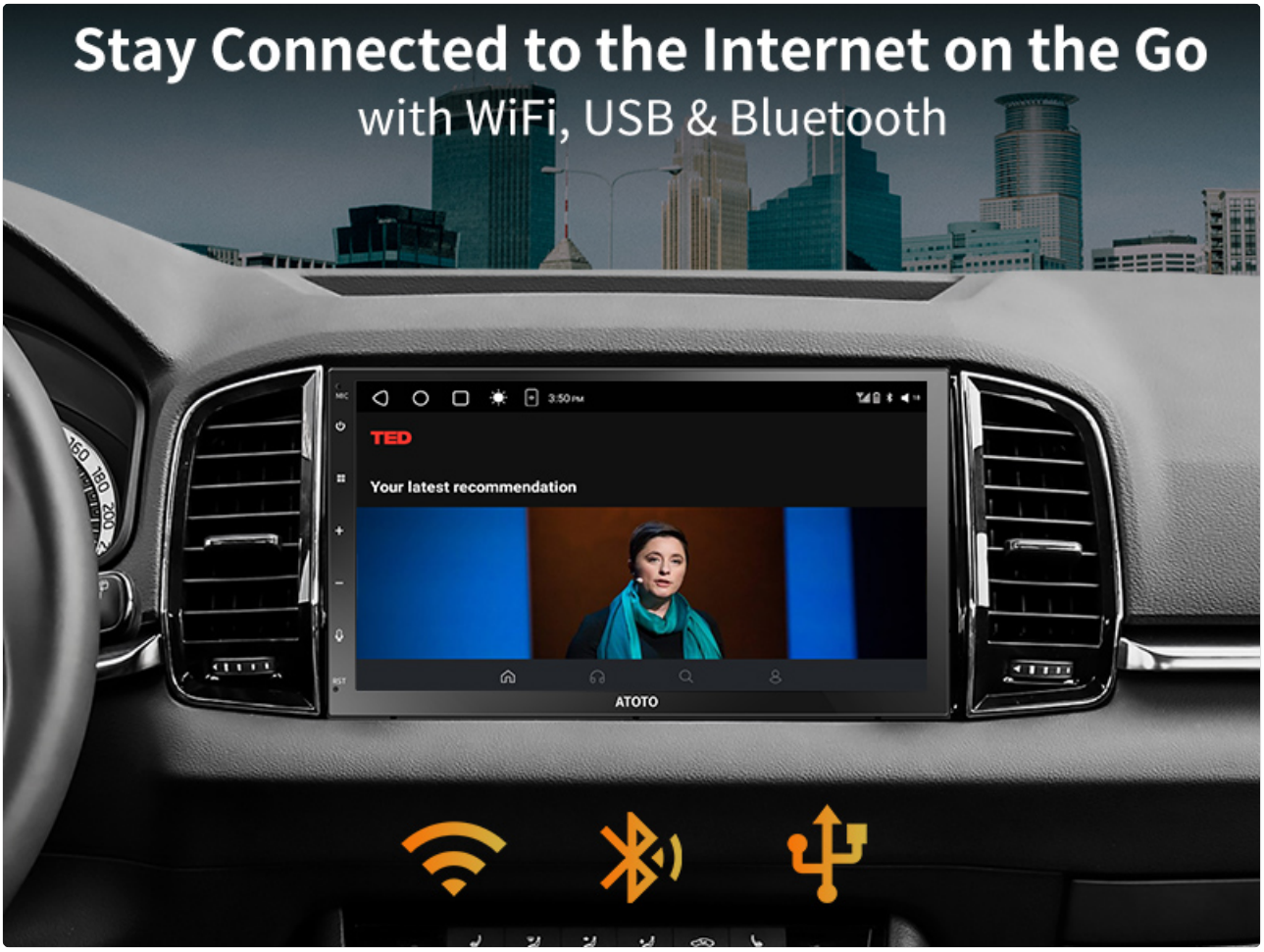


Figure 2.2: Detailed wiring diagram for the ATOTO A6 PP, showing connections for power, speakers, and various inputs/outputs.

Important: Ensure all wiring connections are secure and correctly matched to avoid damage to the unit or vehicle electrical system. Professional installation is recommended if you are unsure about any steps.

3. Operating Instructions

3.1 Basic Operation

The ATOTO A6 PP features an intuitive QLED touchscreen and responsive physical buttons for easy control.

- **Power On/Off:** Press and hold the power button to turn the unit on or off.
- **Fast Boot:** The system is designed to boot in less than 2 seconds. If your unit does not start quickly, check the wiring connections.
- **Touchscreen Gestures:** Supports multi-touch gestures for enhanced user experience, including pinch-to-zoom and swiping.
- **Split Screen Display:** Manage multiple applications simultaneously using the split-screen feature.



Figure 3.1: Illustration of various multi-touch gestures supported by the ATOTO A6 PP touchscreen.



Figure 3.2: Visual representation of the fast boot capability of the ATOTO A6 PP, showing quick system access.

3.2 Connectivity

The A6 PP offers multiple ways to stay connected:

- **Wi-Fi Hotspot:** Connect to a 5G/2.4G Wi-Fi hotspot for stable and fast internet access.
- **Bluetooth Tethering:** Use your phone's Bluetooth for internet access, which consumes less power.
- **USB Tethering:** Connect your phone via USB for internet access while also charging your device.



Figure 3.3: Visual guide to the Wi-Fi, USB, and Bluetooth connectivity options available on the ATOTO A6 PP.

Dual Bluetooth:

- **BT1:** Handles hands-free calls and audio streaming from your phone.
- **BT2:** Pairs with multiple third-party Bluetooth devices, such as OBDII scanners.



Figure 3.4: Depiction of the dual Bluetooth functionality, showing BT1 for phone calls and BT2 for other devices.

3.3 Wireless CarPlay & Android Auto

Enjoy seamless smartphone integration with wireless CarPlay and Android Auto. Once connected via Bluetooth and Wi-Fi, the connection will be automatic for future use.

- Access online maps, make calls, send texts, and stream music/podcasts.
- Utilize voice assistants like Siri and Google Assistant for hands-free control.

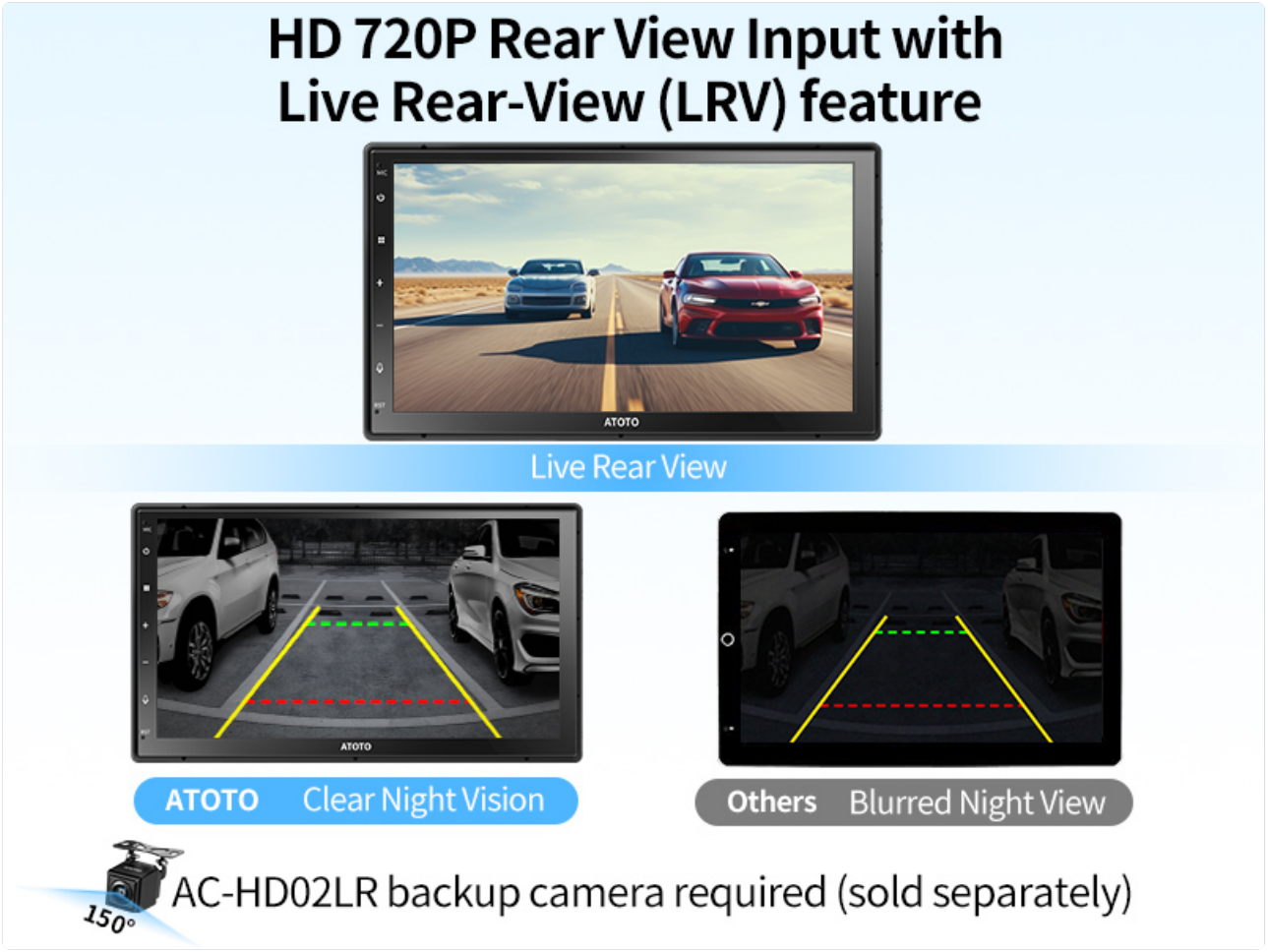


Figure 3.5: Demonstrates the wireless connectivity for both Apple CarPlay and Android Auto on the ATOTO A6 PP.



Figure 3.6: Shows the integration of voice assistants like Siri and Google Assistant for hands-free operation.

3.4 MirrorLink

For apps not compatible with CarPlay or Android Auto, MirrorLink allows you to cast your phone's screen to the A6 PP display, supporting both iOS and Android phones.



Figure 3.7: Visual example of MirrorLink casting a phone screen to the ATOTO A6 PP display.

3.5 GPS Tracking (TrackHU App)

Utilize ATOTO's exclusive TrackHU app for comprehensive GPS tracking features:

- **Real-time Tracking:** Up to 5-second refresh rate for precise location monitoring.
- **OsmAnd 4-satellite Positioning:** Accurate positioning using GPS, GLONASS, Galileo, and Beidou satellites.
- **Track Playback:** Review past routes with speed control.
- **Detailed Reports:** Access comprehensive driving data.
- **Instant Alerts:** Receive notifications for geofence breaches and online/offline status changes.

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Video 3.1: Demonstration of the TrackHU GPS Tracking App for ATOTO Android Systems, showcasing its features and interface.

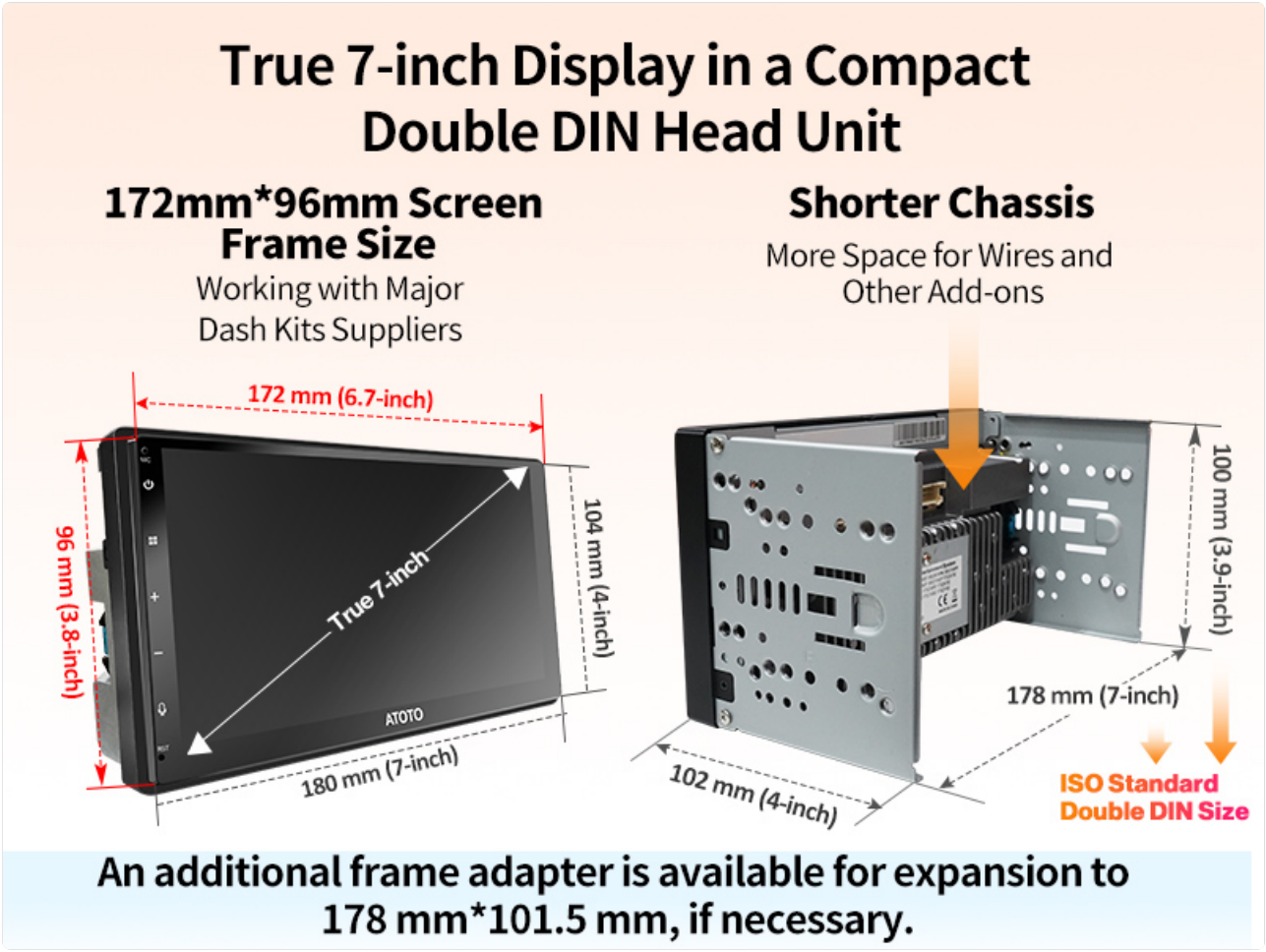


Figure 3.8: Overview of the key functionalities of the TrackHU App, including real-time tracking and alerts.

Note: The TrackHU APP icon is hidden by default to protect users' privacy. You can click four times on "Device" in Settings (for A6 PF / A6 PP / S8 Gen2) or four times on "Serial Number" in Settings > System > About Device > Software Version Info (for AD6) to make the APP visible. Repeat the process to hide it again.

3.6 Audio Features

The A6 PP's built-in Digital Signal Processor (DSP) and Equalizer (EQ) provide extensive audio customization:

- **36-Band EQ:** Tailor your audio experience with 36 adjustable frequency bands.
- **Time Correction:** Harmonize sound by ensuring audio from all speakers reaches your ears simultaneously.
- **Speed Compensated Volume Control (SCVC):** Automatically adjusts volume to counteract external noise as you drive faster.
- **Adjustable Crossover:** Direct specific frequencies to tweeters and woofers for smooth transitions between low and high tones.



Figure 3.9: Interface for the 36-Band Equalizer, allowing precise audio tuning.



Figure 3.10: Explanation of Speed Compensated Volume Control (SCVC), which adjusts volume based on vehicle speed.

3.7 Rear View Camera Input (LRV)

The unit supports HD 720P rear view camera input with a Live Rear-View (LRV) feature, allowing you to check live traffic conditions behind you while driving forward. An ATOTO AC-HD02LR backup camera is required (sold separately).



Figure 3.11: Comparison of clear night vision with ATOTO's rear camera versus blurred views, highlighting the HD 720P input.

3.8 Steering Wheel Control (SWC)

The A6 PP is compatible with OEM Steering Wheel Controls. You have three options for retention:

1. Connect to SWC wires on your vehicle (analog signals).
2. Use a dedicated 3.5mm port for SWC interfaces (e.g., Metra ASWC-1).
3. Use an ATOTO AC-44F8 Wireless Remote (sold separately).

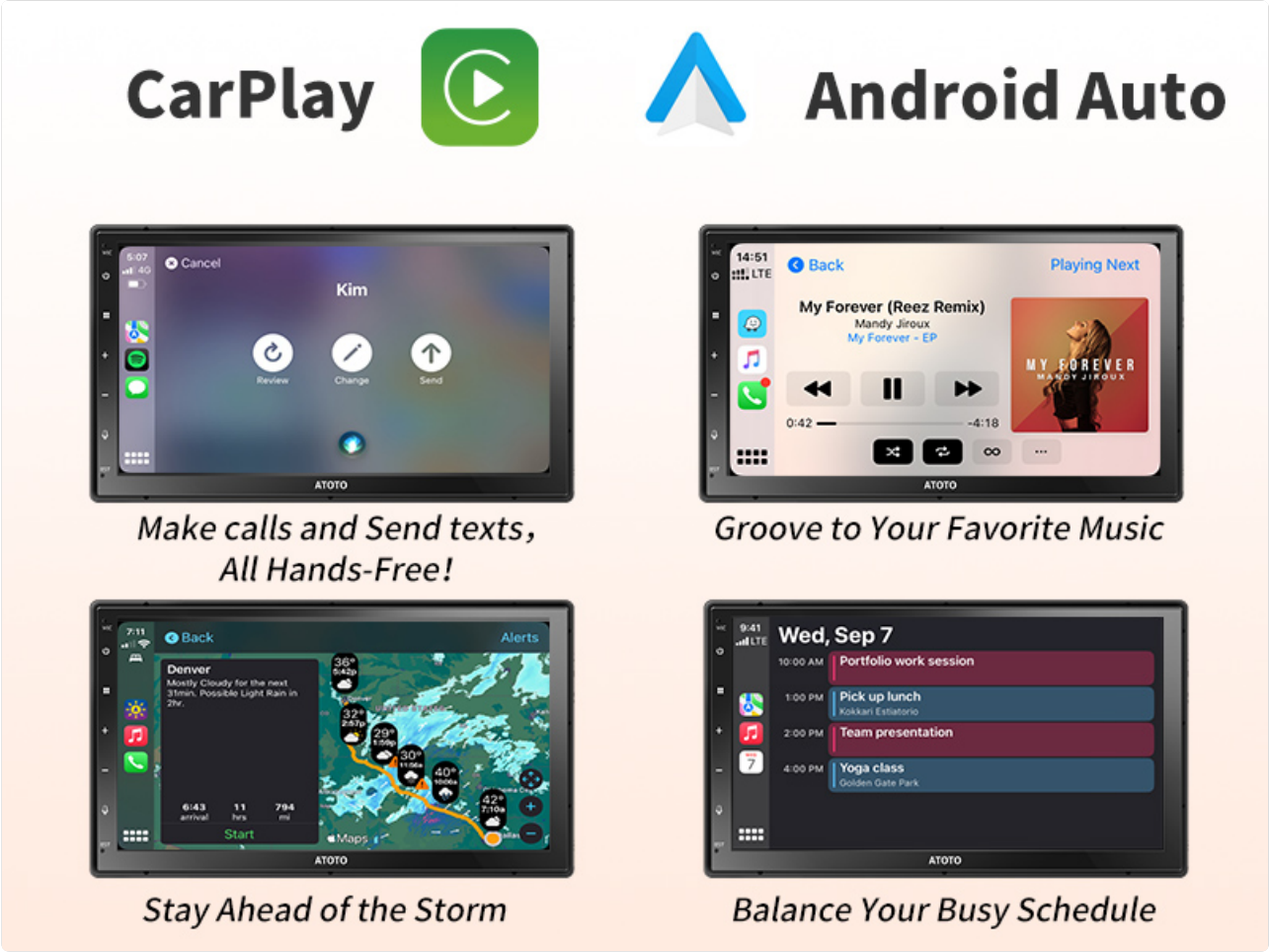


Figure 3.12: Illustrates the three methods for connecting and retaining steering wheel controls with the ATOTO A6 PP.

3.9 Screen Lock for Privacy

Secure your personal accounts and data by enabling the convenient screen lock feature. The screen can be unlocked automatically with Bluetooth 1, eliminating the need for manual password entry.

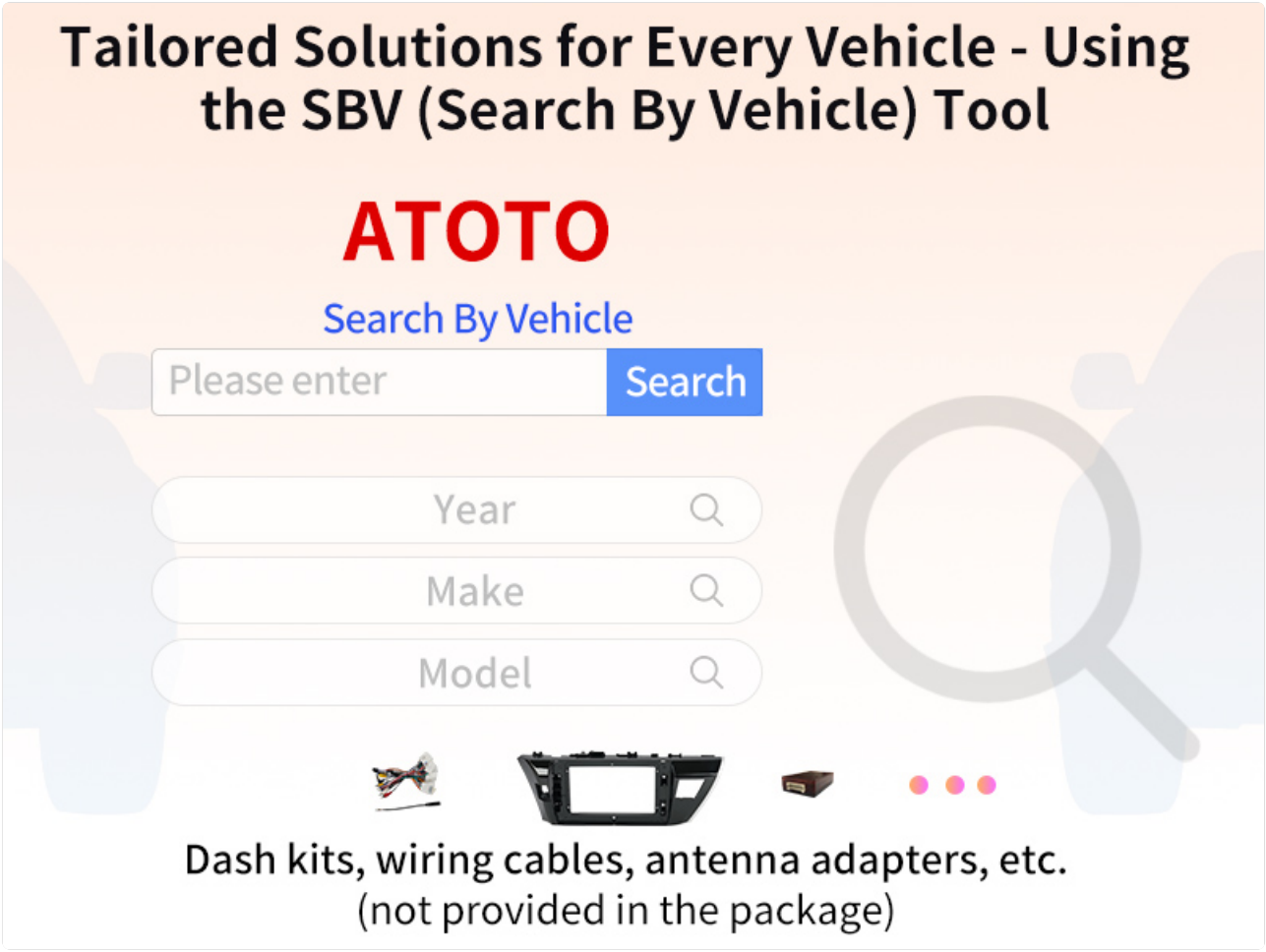


Figure 3.13: Shows the screen lock feature for privacy and how it can be unlocked via Bluetooth.

4. Maintenance

To ensure the longevity and optimal performance of your ATOTO A6 PP car stereo, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the screen and exterior. Avoid abrasive cleaners or solvents.
- **Temperature:** Avoid exposing the unit to extreme temperatures, both hot and cold, for extended periods.
- **Software Updates:** Regularly check for and install software updates to ensure the system is up-to-date with the latest features and security patches. Updates are typically available via OTA (Over-The-Air) through the FindApps application.



Figure 4.1: Visual representation of the system update process, indicating the importance of keeping the unit updated.

5. Troubleshooting

If you encounter issues with your ATOTO A6 PP, consider the following common troubleshooting steps:

- **No Power:** Check all power connections and ensure the vehicle's ignition is on. Verify fuses.
- **No Sound:** Check speaker connections, volume levels, and audio source settings. Ensure the amplifier (if external) is powered on.
- **GPS Signal Loss:** Ensure the GPS antenna is properly installed and has a clear view of the sky. Check the TrackHU app settings.
- **Touchscreen Unresponsive:** Try restarting the unit. If the issue persists, perform a factory reset (refer to the full manual for instructions).
- **App Issues:** Ensure the app is updated. Clear the app's cache or reinstall it.

For more detailed troubleshooting or persistent issues, please contact ATOTO customer support or refer to the comprehensive online resources available on the ATOTO website.

6. Specifications

Feature	Specification
Product Dimensions	8.9"D x 5.7"W x 5.7"H
Item Weight	3.23 pounds

Feature	Specification
Item Model Number	A6 PP 7 inch (4G+64G)
Brand	ATOTO
Connectivity Technology	Dual Bluetooth, USB, 2.4G/5G Wi-Fi
Controller Type	Google Assistant, Siri
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
Audio Output Mode	Mono, Stereo
Surround Sound Channel Configuration	4.1
Video Encoding	H.263, H.264, DIVX4-6, XVID Decoder

7. Warranty and Support

ATOTO offers professional pre and post-sale services to ensure customer satisfaction.

- **Product Care:** The ATOTO A6 PP comes with an 18-month product care period.
- **Software Upgrades:** Continuous software upgrades are provided to enhance functionality and performance.
- **Contact Support:** For any inquiries or assistance, please contact ATOTO via seller support through your order center, or email support [at] myatoto [dot] com. Responses are typically provided within 24 hours on workdays.



Figure 7.1: Image indicating the 18-month product care period offered by ATOTO.

8. Compatible Accessories

Expand the functionality of your ATOTO A6 PP with these compatible accessories (sold separately):

- **Amplifiers:** CA-AEC01 / CA-AEC02 Amplifiers
- **Speakers:** CS-651DST / CS-651DC Speakers
- **Subwoofers:** CS-101SW Subwoofers
- **DVR:** AC-44P2 DVR

- **HDMI-to-AHD Converter:** AC-HAV50
- **OBD II:** AC-4450 OBD II
- **Rear Camera:** AC-HD02LR Rear Camera
- **Headrest Monitor Adapters:** AC-AHV68 / AC-AHV48
- **TPMS:** AC-UTP1 TPMS
- **SWC Remote:** AC-44F8 SWC Remote
- **Car Footwell Light Kits:** CI-FLT01
- **Wireless Rearview Camera:** WRC-HD10LR
- **HDMI-to-USB Adapter:** AC-HBV86

















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