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UPOSBOS 2-in-1 Wireless Adapter (B0D14HVKY5)

UPOSBOS Wireless CarPlay & Android Auto Adapter User Manual

Model: 2-in-1 Wireless Adapter (B0D14HVKY5)

1. Introduction

This user manual provides comprehensive instructions for the UPOSBOS Wireless CarPlay & Android Auto Adapter. This innovative device is designed to seamlessly convert your vehicle's existing wired CarPlay or Android Auto system into a wireless connection, significantly enhancing convenience and user experience. Please read this manual thoroughly before using the product to ensure proper operation, optimal performance, and adherence to safety guidelines.

2. Safety Information

For your safety and to prevent potential damage to the device or your vehicle, please observe the following important guidelines:

- This device may interfere with other wireless devices. Always check and follow local regulations regarding wireless device usage in vehicles.
- Do not expose the adapter to extreme temperatures, direct sunlight for prolonged periods, or excessive moisture.
- Do not attempt to disassemble, modify, or repair the device. Doing so will void the product warranty and may cause damage.
- Ensure the adapter is securely plugged into the USB port to prevent accidental disconnection during vehicle operation.
- Avoid operating the device in any manner that could distract you from driving. Always prioritize road safety and adhere to all traffic laws.

3. Package Contents

Please verify that all the following items are present in your product package:

- UPOSBOS Wireless CarPlay & Android Auto Adapter

- User Manual (this document)

4. Product Overview



Figure 4.1: The UPOSBOS Wireless Adapter shown alongside examples of the CarPlay and Android Auto user interfaces it enables wirelessly.

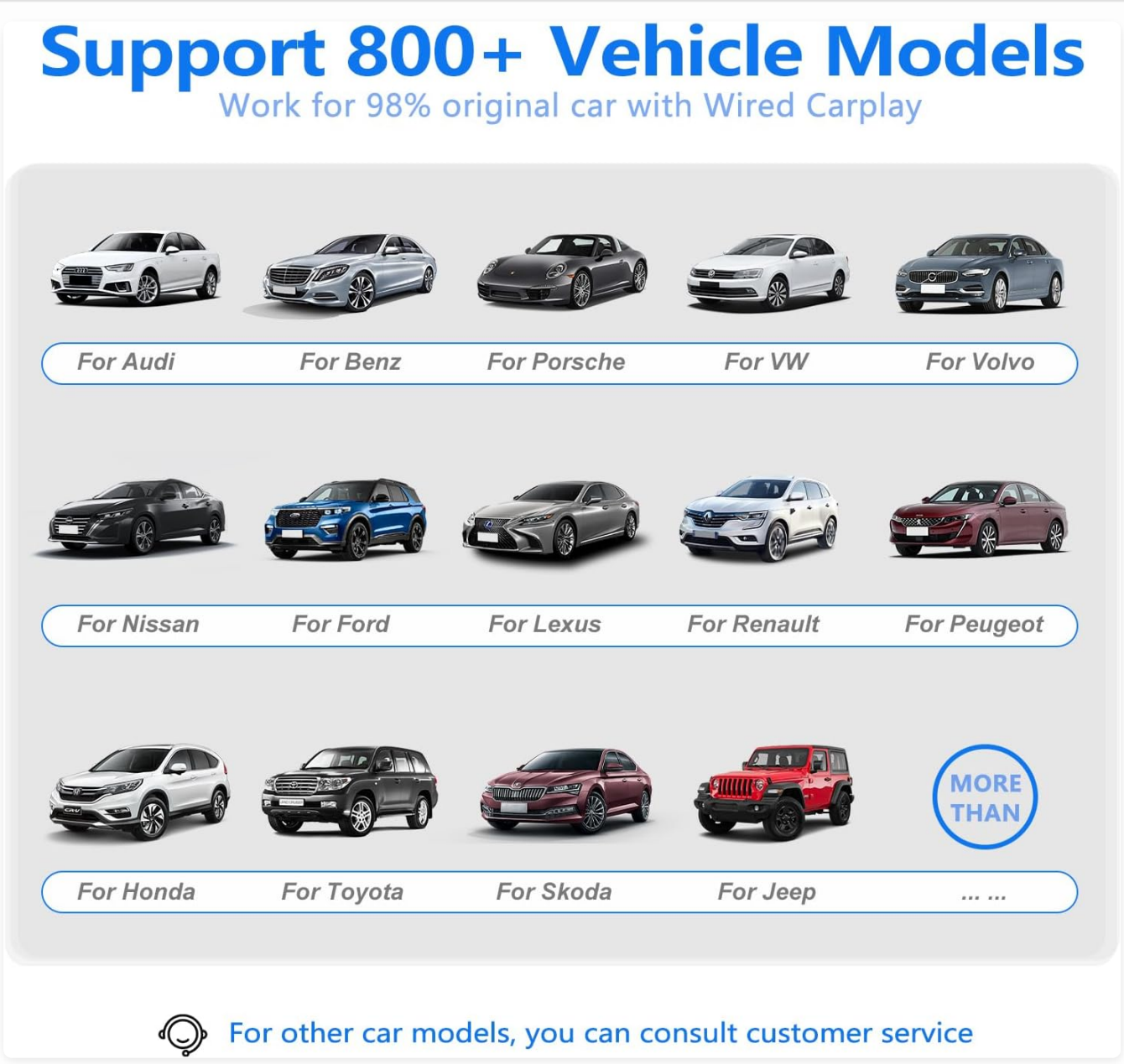


Figure 4.2: The compact UPOSBOS Wireless Adapter discreetly plugged into a car's USB port, demonstrating its seamless integration.

The UPOSBOS Wireless CarPlay & Android Auto Adapter is a compact and efficient device designed to provide wireless connectivity for your in-car infotainment system. It features a standard USB-A connector for easy plug-and-play installation and a small LED indicator for operational status. The adapter utilizes advanced 5.8Ghz WiFi and Bluetooth 5.0 technologies to ensure fast, stable, and reliable connections for a superior user experience.

5. Compatibility Requirements

Before proceeding with the setup, it is crucial to ensure that your vehicle and smartphone meet the following compatibility requirements:

- **Vehicle Compatibility:** Your vehicle must be produced after 2016 and be equipped with an original factory-installed wired CarPlay or Android Auto system.
- **Smartphone Compatibility (CarPlay):** For CarPlay functionality, your iPhone must be running iOS 10 or a higher version.

- **Smartphone Compatibility (Android Auto):** For Android Auto functionality, your Android phone must be running Android Auto 11.0 or a higher version.
- **Important Note:** This adapter does **NOT** support BMW, Tesla, or 2018 & 2019 Mitsubishi Outlander models.



Figure 5.1: Visual representation of vehicle and smartphone compatibility for the wireless adapter.

6. Setup and Installation

Follow these simple steps to set up your UPOSBOS Wireless Adapter and begin enjoying wireless CarPlay or Android Auto:

1. **Step 1: Plug in the Adapter.**

   Locate the USB port in your vehicle that supports wired CarPlay or Android Auto. Plug the UPOSBOS wireless adapter firmly into this USB port. The adapter will power on, and its indicator light may illuminate to show it is active.



Figure 6.1: Illustration of plugging the wireless adapter into the vehicle's USB port.

2. **Step 2: Pair with Your Phone.**

   On your smartphone, ensure both **Bluetooth** and **Wi-Fi** functions are enabled. Open your phone's Bluetooth settings and search for available devices. Select the device named "Smart Dongle-XXXX" (where XXXX is a unique identifier). Accept any authorization requests that appear on your phone to complete the pairing process.



Figure 6.2: Depiction of enabling Bluetooth and Wi-Fi on a smartphone and selecting the adapter for pairing.

3. **Step 3: Confirm on Car Screen.**

   Once successfully paired, your car's infotainment screen will automatically display the CarPlay or Android Auto interface. Click "Continue" or confirm any prompts on your car screen if necessary to proceed.

   After the initial setup, the adapter will quickly and automatically recognize and connect to your phone within 5-15 seconds each time you start your vehicle, providing a seamless experience.

Important Note: To ensure optimal connection stability, it is recommended to remove any excessive or unused Bluetooth devices from your phone's paired list before using the adapter.

7. Operating the Adapter

Once connected, the UPOSBOS Wireless Adapter allows you to utilize your car's original control functions wirelessly for CarPlay or Android Auto:

- **Voice Assistant Control:** Activate and use Siri (for CarPlay) or Google Assistant (for Android Auto) via your car's dedicated voice command button or by saying the appropriate wake word.

- **Touch Control:** Interact directly with the CarPlay or Android Auto interface on your car's touchscreen display.
- **OEM Knob Control:** Navigate the interface using your vehicle's factory-installed control knobs and buttons, maintaining familiar ergonomics.
- **Steering Wheel Control:** Control media playback, answer or end calls, and activate voice assistants conveniently using your steering wheel buttons.



Figure 7.1: Demonstrates how the adapter integrates with existing car controls, including voice, touch, knob, and steering wheel controls.

The adapter provides a fast and stable connection utilizing 5Ghz WiFi and Bluetooth 5.0, ensuring a smooth and responsive user experience for navigation, music playback, communication, and other applications.

8. Maintenance

The UPOSBOS Wireless Adapter is designed for durability and requires minimal maintenance. Follow these simple guidelines to ensure its long-term performance and longevity:

- Keep the device clean and free from dust and debris. Use a soft, dry cloth for cleaning; avoid liquid cleaners.
- Avoid dropping the device or subjecting it to strong impacts, which could damage internal components.
- Store the device in a cool, dry place when not in use for extended periods, away from direct sunlight or extreme temperatures.
- Periodically check that the USB port in your vehicle is clean and free of obstructions to maintain a reliable connection.

9. Online Firmware Upgrade (OTA)

The adapter supports Over-The-Air (OTA) firmware upgrades, allowing you to easily update the device to improve performance, enhance compatibility, and add new features. To perform an upgrade:

1. Ensure your smartphone is successfully connected to the UPOSBOS adapter (as per Section 6, "Setup and Installation").
2. Open a web browser on your smartphone (e.g., Chrome, Safari).
3. Enter the IP address **192.168.1.101** into the browser's address bar and press Enter.
4. Follow the on-screen instructions provided on the web page to check for and install any available firmware updates.

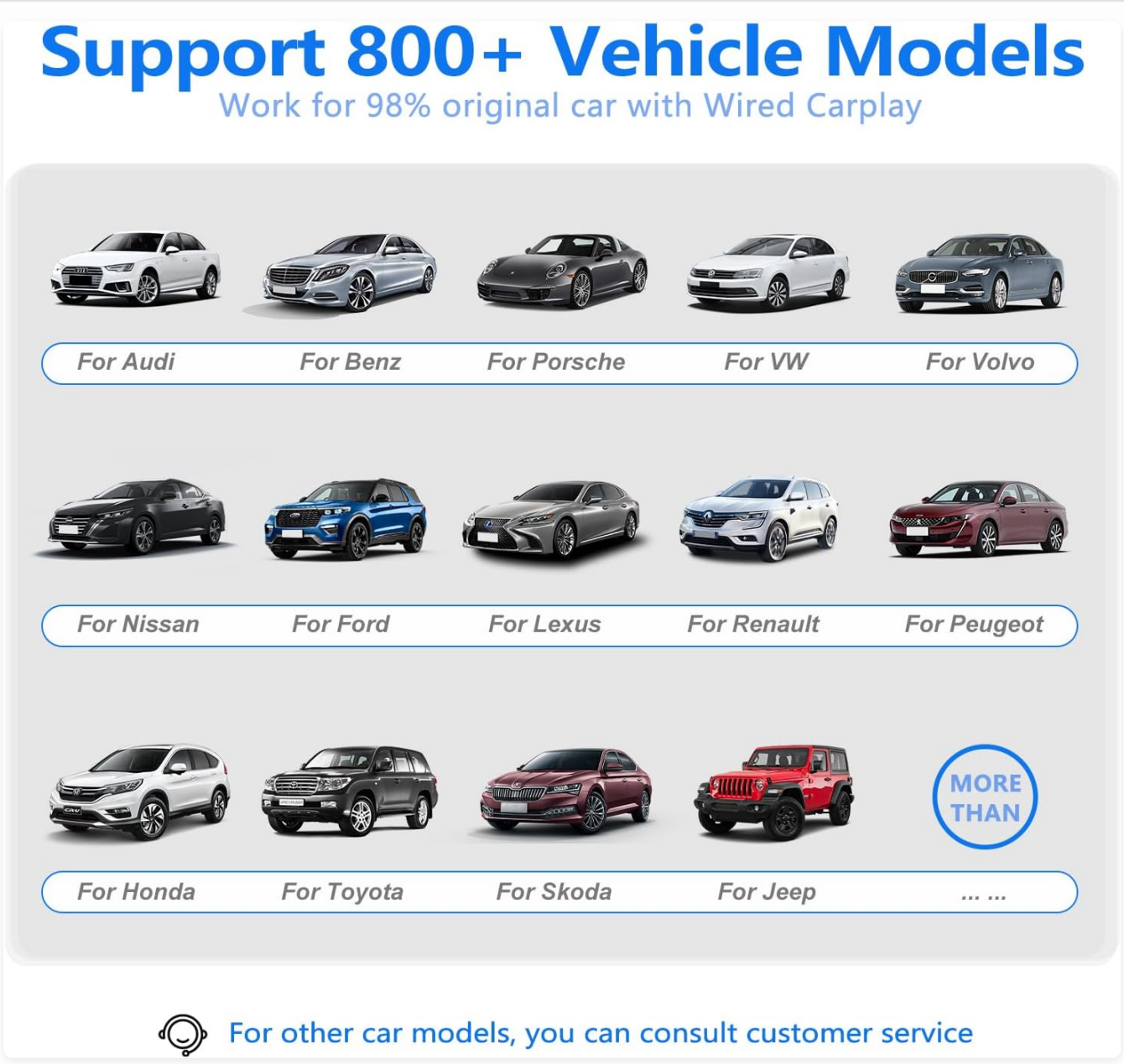


Figure 9.1: Illustration of accessing the online upgrade interface via a smartphone browser.

Note: A stable internet connection is required on your smartphone for the upgrade process. Do not disconnect the adapter or your phone during the firmware update to prevent interruption or damage.

10. Troubleshooting

If you encounter any issues with your UPOSBOS Wireless Adapter, please refer to the following common problems and their corresponding solutions:

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Adapter does not connect automatically.	First-time setup not completed; too many Bluetooth devices; incorrect phone settings.	• Ensure initial setup (Section 6) is fully completed. • Remove unnecessary Bluetooth devices from your phone's paired list. • Verify that both Bluetooth and Wi-Fi are enabled on your phone. • Restart your phone and the car's infotainment system.
Connection is unstable or frequently disconnects.	Wireless interference; outdated firmware; device overheating.	• Ensure no other strong wireless signals are interfering nearby. • Perform an online firmware upgrade (Section 9). • Unplug the adapter for a few minutes to allow it to cool down if it feels warm. • Try a different USB port in your vehicle if available.
CarPlay/Android Auto does not appear on screen.	Incompatible vehicle/phone; incorrect USB port; software glitch.	• Verify your vehicle and phone meet all compatibility requirements (Section 5). • Ensure you are using the correct USB port that supports wired CarPlay/Android Auto. • Restart your car's infotainment system. • Try resetting the adapter by unplugging it and then replugging it.
Audio stuttering or lag.	Network congestion; low signal strength; outdated firmware.	• Ensure your phone is in close proximity to the adapter. • Update the adapter's firmware to the latest version (Section 9). • Minimize other Wi-Fi or Bluetooth activity on your phone while using the adapter.

If the problem persists after attempting these solutions, please contact UPOSBOS customer support for further assistance.

11. Specifications

Feature	Detail

Feature	Detail
Model	2-in-1 Wireless CarPlay & Android Auto Adapter
Brand	UPOSBOS
Connectivity Technology	USB, 5.8Ghz WiFi, Bluetooth 5.0
Power Source	USB Powered
Color	Black
Item Weight	2.08 ounces (approx. 59 grams)
Package Dimensions	4.33 x 3.03 x 1.34 inches (approx. 11 x 7.7 x 3.4 cm)
Compatibility	Vehicles with wired CarPlay/Android Auto (post-2016), iPhone iOS 10+, Android Auto 11.0+

12. Warranty and Support

The UPOSBOS Wireless CarPlay & Android Auto Adapter comes with a**one-year maintenance warranty** from the original date of purchase. This warranty covers manufacturing defects and ensures product reliability.
For any questions, technical support, troubleshooting assistance, or warranty claims, please contact the UPOSBOS customer service team. Our dedicated team is ready to assist you promptly and efficiently.
Contact Information:

Manufacturer: UPOSBOS

Support: Please contact us through Amazon Email for the quickest assistance.

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Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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