Carlinkit Wireless Adapter

CarlinKit 4.0 CP2A Wireless Adapter User Manual

Model: Wireless Adapter

Brand: Carlinkit

1. Introduction

The CarlinKit 4.0 CP2A Adapter is designed to convert your vehicle's existing wired CarPlay system into a wireless CarPlay and wireless Android Auto experience. Featuring a built-in 5G smart chip, this adapter offers fast processing speed and reduced response delay, enhancing your in-car connectivity. Its compact design allows for easy storage and seamless integration into your vehicle's interior.

This device enables convenient access to navigation, music, phone calls, and messaging applications directly on your car's display, supporting voice assistants like Siri and Google Assistant for safer driving. It supports various control methods including touch control, original car knob, and steering wheel buttons.



Image: The CarlinKit 4.0 CP2A Wireless Adapter, a compact blue device with a carbon fiber texture, shown alongside examples of Android Auto and Apple CarPlay interfaces on a car screen and mobile phones.

2. What's in the Box

Your CarlinKit 4.0 CP2A Adapter package includes the following items:

- 1 x CarlinKit CP2A device
- 2 x Data cables (Type-A to Type-C / Type-C to Type-C)
- 1 x Product manual

Product information

Model：CPC200-CP2A	
Power Output：DC 5V±0.2V 1.0A	Power Input：5V±0.2V 1.0A
Power Consumption：0.75W	Surface Treatment：Carbon fiber texture
Bluetooth Frequency：2412-2483.5MHz	
WiFi Frequency：5150-5250MHz，5725-5850MHz	
Port：LED light,TYPE-C female port, USB female port	
Product Size：80×46×13mm	Product Weight：40g
Resolution：Adaptive (maintain the original protocol resolution)	
Supported Vehicles：for Car with factory wired CarPlay	

Packing box*1, product*1, data cable*2(Type-A to TYPE-C /Type-C to TYPE-C),product manual*1

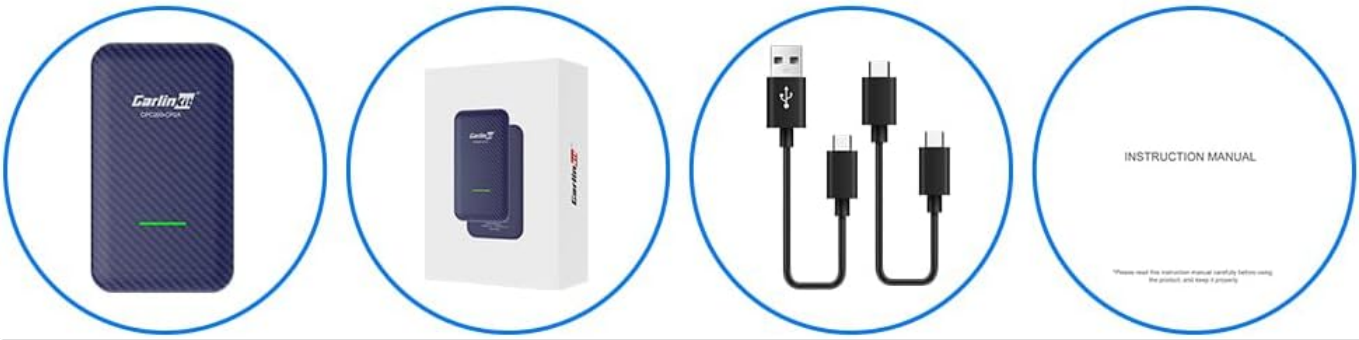


Image: A visual representation of the CarlinKit 4.0 CP2A package contents, including the device, two data cables (USB-A to USB-C and USB-C to USB-C), and the instruction manual.

3. Specifications

Feature	Specification
Item Weight	4.9 ounces (0.14 Kilograms)
Product Dimensions	1.57 x 1.57 x 0.39 inches
Item Model Number	Wireless Adapter
Power Output	DC 5V±0.2V 1.0A
Power Input	5V±0.2V 1.0A
Power Consumption	0.75W

Surface Treatment	Carbon fiber texture
Bluetooth Frequency	2412-2483.5MHz
WiFi Frequency	5150-5250MHz, 5725-5850MHz
Ports	LED light, Type-C female port, USB female port
Product Size	80x46x13mm
Product Weight	40g
Resolution	Adaptive (maintains original protocol resolution)
Display Size	18 Centimeters
Connectivity Technology	Bluetooth, Wi-Fi
Touch Screen Type	Capacitive
Display Type	LCD

4. Compatibility

This CarlinKit 4.0 CP2A Adapter is designed for vehicles that come with a factory-installed wired CarPlay system. It is not suitable for Android car radios that do not have wired CarPlay.

Supported Mobile Phones:

- **iPhone:** iPhone 6 and above, running iOS 10 and above.
- **Android Phone:** Android 9.0 and above. Some devices may require Android 11.0 and above.



Image: A graphic illustrating the compatibility of the CarlinKit 4.0 CP2A with iPhone 6 or above (iOS 10+) and Android phones with Android 11 or above. It also highlights that the device supports approximately 98% of cars with factory wired CarPlay.

5. Setup Instructions

Follow these steps for initial setup and connection of your CarlinKit 4.0 CP2A Adapter:

1. **Prepare your phone:** Turn on both Bluetooth and Wi-Fi on your mobile phone.
2. **Connect the adapter:** Plug the adapter's USB cable into your car's USB port. The product will begin pairing, and its indicator light will flash red.
3. **Pair with your phone:** On your iPhone or Android phone, open the Bluetooth settings list. Select the corresponding Bluetooth name for the CarlinKit device and connect. Once the connection is successful, the product indicator light will flash green, and the CarPlay or Android Auto system interface will appear on your car's screen.



Image: A three-step visual guide demonstrating the USB plug-and-play connection process. Step 1 shows plugging the device into the car's USB port. Step 2 illustrates turning on Bluetooth and Wi-Fi on the phone. Step 3 shows selecting the device's Bluetooth name to connect and activate CarPlay or Android Auto.

6. Operating Instructions

The CarlinKit 4.0 CP2A Adapter allows you to seamlessly use both Apple CarPlay and Android Auto wirelessly. The device supports touch control, original car knob, volume button control, and voice commands for a comprehensive in-car experience.

6.1. Wireless CarPlay Functionality

Once connected, your car's display will show the Apple CarPlay interface. You can access various applications and features:

- **Navigation:** Use Apple Maps, Google Maps, or Waze for real-time navigation.
- **Music:** Play music from Apple Music, Spotify, Podcasts, and other audio apps.
- **Communication:** Make and receive phone calls, send and read messages using Siri.

- **Voice Assistant:** Activate Siri by pressing the voice control button on your steering wheel or by saying "Hey Siri" (if enabled).



Image: The Apple CarPlay interface displayed on a car's infotainment screen, showing various app icons for phone, maps, messages, music, and more. Below, images illustrate different control methods including touch-screen, OEM knob, steering wheel control, and Siri voice commands.

6.2. Wireless Android Auto Functionality

For Android users, the adapter provides wireless Android Auto. This allows you to:

- **Navigation:** Utilize Google Maps for turn-by-turn directions.
- **Music:** Stream music from Spotify, YouTube Music, and other compatible apps.
- **Communication:** Manage calls and messages through voice commands or the touchscreen.
- **Voice Assistant:** Access Google Assistant for hands-free control.



Image: The Android Auto interface displayed on a car's infotainment screen, showing app icons for Google Maps, Spotify, Phone, and more. Below, images illustrate different control methods including touch-screen, OEM knob, steering wheel control, and Google Assistant voice commands.

6.3. Switching Between Systems

The CarlinKit 4.0 CP2A allows you to switch between the CarPlay/Android Auto interface and your car's original system as needed. This can typically be done through an icon on the CarPlay/Android Auto screen or by navigating through your car's native infotainment menu.

6.4. Official Product Video

Your browser does not support the video tag.

Video: An official product video demonstrating the features and functionality of the CarlinKit 4.0 Wireless CarPlay adapter, including its compatibility with original car models, wireless CarPlay and Android Auto capabilities, voice assistant integration, music playback, navigation, and seamless switching between car systems.

7. Maintenance

To ensure the longevity and optimal performance of your CarlinKit 4.0 CP2A Adapter, please follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the device. Avoid using harsh chemicals, solvents, or abrasive cleaners.
- **Storage:** Store the adapter in a cool, dry place when not in use. Avoid exposing it to extreme temperatures, direct sunlight, or high humidity.
- **Handling:** Handle the device with care. Avoid dropping it or subjecting it to strong impacts, which could damage internal components.
- **Connectivity:** Ensure the USB cables are not bent or crimped excessively, as this can lead to connection issues.

8. Troubleshooting

If you encounter issues with your CarlinKit 4.0 CP2A Adapter, please refer to the following common troubleshooting steps:

- **No Connection / Device Not Recognized:**
  - Ensure your car has a factory-installed wired CarPlay system. This adapter is not compatible with vehicles that do not have this feature.
  - Verify that Bluetooth and Wi-Fi are enabled on your phone.
  - Unplug the adapter from the car's USB port, wait a few seconds, and then plug it back in.
  - Restart your phone and/or your car's infotainment system.
  - If your phone was previously paired directly with the car's Bluetooth, try removing that pairing to avoid conflicts.
- **Audio Skipping / Choppy Audio:**
  - Ensure your phone is placed close to the adapter (within 6-8 inches) to maintain a strong wireless connection. Avoid placing it in pockets or areas that might obstruct the signal.
  - Check for any interference from other wireless devices in the car.
  - If the issue persists, try connecting your phone directly to the device via a USB cable (if supported by your phone and the adapter's port) to see if it resolves the audio problem.
- **Intermittent Connectivity:**
  - Ensure the car's USB port is providing stable power. Some car USB ports may have lower power output, which can affect stability.
  - Avoid starting the car with heavy electrical loads (e.g., opening power sliding doors, liftgate) simultaneously, as this might interfere with the adapter's initialization.
  - Check for firmware updates for the CarlinKit device. Updates can often improve stability and compatibility.
- **Specific App Issues (e.g., Spotify no sound):**
  - Ensure the app is updated to its latest version on your phone.
  - Try force-closing and reopening the problematic app on your phone.
  - Verify that the audio output is correctly selected within the CarPlay/Android Auto interface.

If these steps do not resolve your issue, please contact CarlinKit customer support for further assistance.

9. Warranty and Support

CarlinKit products come with a**one-year warranty** from the date of purchase.

CarlinKit provides professional after-sales technical support. The company maintains strict quality control for each product,

ensuring full pre-sale inspection and after-sale tracking service.

For any technical issues, questions, or support inquiries, please reach out to the CarlinKit after-sales team. Contact information can typically be found on the product packaging or the official Carlinkit website.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

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

Submit question