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Carlinkit CPC200-Tbox

Carlinkit CPC200-Tbox S2C Wireless CarPlay & Android Auto Adapter Instruction Manual

Model: CPC200-Tbox | Brand: Carlinkit

1. INTRODUCTION

The Carlinkit CPC200-Tbox S2C is a versatile wireless adapter designed to enhance your in-car entertainment and connectivity. It converts your vehicle's existing wired CarPlay or Android Auto system into a wireless experience, while also providing access to a full Android 13.0 operating system directly on your car's touchscreen. This allows for streaming popular multimedia apps like Netflix, YouTube, and TikTok, downloading additional applications from the Google Play Store, and utilizing advanced navigation features.

2. WHAT'S IN THE Box

Upon unboxing your Carlinkit CPC200-Tbox S2C, you should find the following items:

- 1 x Packing Box
- 1 x Carlinkit CPC200-Tbox S2C Device
- 2 x Data Cables (USB-A to USB-C, USB-C to USB-C)
- 1 x Product Manual (this document)

PACKING LIST

- 1 **Packing box*1**
- 2 **Product*1,**
- 3 **Data cable*2**
- 4 **Product manual*1**



Figure 1: The image displays the Carlinkit CPC200-Tbox S2C device, two data cables (USB-A to USB-C and USB-C to USB-C), and the user manual, all neatly arranged within its retail packaging.

3. PRODUCT OVERVIEW & SPECIFICATIONS

The Carlinkit CPC200-Tbox S2C is engineered for seamless integration and powerful performance, transforming your car's infotainment system.

Key Features:

- **Wireless Connectivity:** Converts wired CarPlay and Android Auto to wireless.
- **Android 13.0 System:** Full Android operating system for app installation.
- **Multimedia Streaming:** Pre-installed apps for Netflix, YouTube, TikTok, and more.
- **Voice Assistant Support:** Compatible with Siri and Google Assistant.
- **Advanced Navigation:** Integrated GPS+Glonass for precise positioning.
- **FOTA Updates:** Supports Firmware Over-The-Air updates for continuous improvement.

Technical Specifications:

Specification	Detail
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Model Number	CPC200-Tbox
Processor	Qualcomm SM6115 Quad-core
Memory	4GB RAM + 64GB Storage
Operating System	Android 13.0
Wireless Standards	2.4 GHz & 5.8 GHz Radio Frequency, 802.11a/b/g/n/ac, Bluetooth
Connectivity	Plug and Play, Wired to Wireless
Product Dimensions	3.23 x 3.23 x 0.75 inches (82 x 82 x 19mm)
Item Weight	2.54 ounces (72 Grams)



Figure 2: This image highlights the Qualcomm SM6115 chip, emphasizing its quad-core architecture, 4GB RAM, and 64GB ROM for stable and efficient performance.

Product Size: 82x82x19mm, Product Weight: 0.072kg, Product Colour: Black



Figure 3: A detailed view of the product's dimensions, weight, and available ports including TF Card Slot, Type-C Port (Power Supply), and Nano SIM Card Slot.

4. COMPATIBILITY

To ensure proper functionality, please verify your vehicle and phone meet the following requirements:

- **Compatible Car:** Your car must have factory-installed wired CarPlay or wired Android Auto. It must also feature a touchscreen display. *Note: BMW and Tesla series vehicles are not supported.*
- **Compatible Phone:** For CarPlay, an iPhone 6 or above with iOS 10.0 or above is required. For Android Auto, an Android phone with Android 11.0 or above is required.

5. SETUP GUIDE

Follow these steps to set up your Carlinkit CPC200-Tbox S2C:

1. **Connect the Device:** Plug the Carlinkit CPC200-Tbox S2C into your car's USB port (the one used for wired CarPlay/Android Auto) using one of the provided data cables. The device will power on and display a light indicator.
2. **Initial Pairing:** On your car's infotainment screen, navigate to the CarPlay or Android Auto interface. The device should automatically connect. If prompted, follow the on-screen instructions to pair via Bluetooth and Wi-Fi. Ensure your phone's Bluetooth and Wi-Fi are enabled.
3. **Automatic Connection:** After the first successful connection, the device will automatically connect to your phone each time you start the car.

Quick Setup Auto Connect Play and Plug

Easy to Install, after the first connection is successful, next connection is automatic.



Figure 4: This image illustrates the simple plug-and-play setup process, showing the device connected to the car's USB port and the automatic connection to a smartphone.

Setup Video:

Your browser does not support the video tag.

Video 1: This video provides a detailed introduction to the Carlinkit AI Box, demonstrating its features and initial setup process.

6. OPERATING INSTRUCTIONS

6.1. Wireless CarPlay & Android Auto

Once connected, your car's display will show the Android 13.0 interface. You can switch between the Android system, Wireless CarPlay, and Wireless Android Auto modes as needed. The device supports both Apple CarPlay (for iOS 10 and above) and Android Auto (for Android 10.0 and above mobile phones).

3-IN-1 WIRELESS ADAPTER



The image is a composite of three screenshots demonstrating the 3-in-1 Wireless Adapter's modes:

- Android 13.0:** Shows a car interior with a central infotainment screen displaying a grid of apps including Netflix, YouTube, TikTok, and others. A green Android icon is shown in a box. Text: "Android 13.0" and "Map Music Split Screen Video Features".
- Android Auto:** Shows a car interior with a central infotainment screen displaying a grid of apps including Google Maps, Spotify, and others. A blue Android Auto icon is shown in a box. Text: "Android Auto" and "Support Android 10.0+ mobile phones".
- Wireless CarPlay:** Shows a car interior with a central infotainment screen displaying a grid of apps including Phone, Messages, and others. A green CarPlay icon is shown in a box. Text: "Wireless CarPlay" and "Supports iPhone with iOS 10 and above".

Figure 5: This image shows the three main modes: Android 13.0, Wireless Android Auto, and Wireless CarPlay, accessible through the adapter.

6.2. Multimedia Streaming

The Carlinkit CPC200-Tbox S2C comes pre-installed with popular streaming applications, allowing you to enjoy your favorite content directly on your car's screen. Ensure you have an active internet connection (see section 6.5).

- **Netflix:** Stream movies and TV shows.
- **YouTube:** Watch videos and listen to music.
- **TikTok:** Browse short-form video content.

MULTIMEDIA BOX

Spotify/Netflix/YouTube/Tiktok Car Video



Figure 6: The multimedia box interface displaying icons for Spotify, Netflix, YouTube, and TikTok, indicating direct access to these streaming services.

6.3. App Downloads

With the integrated Android 13.0 system, you can download a wide variety of applications from the Google Play Store, just like on a tablet or smartphone. This expands your car's functionality beyond standard CarPlay/Android Auto features.

DOWNLOAD APPS

Massive downloadable Apps



Figure 7: An image showing the Google Play Store interface on the car's screen, with various app icons surrounding the Carlinkit device, illustrating the ability to download massive apps.

6.4. Navigation

The device features precise GPS+Glonass navigation capabilities. You can use pre-installed navigation apps or download your preferred ones from the Google Play Store for accurate real-time directions.

6.5. Voice Control

Utilize voice commands for hands-free operation. The device supports both Siri (for CarPlay) and Google Assistant (for Android Auto and the Android system), allowing you to control navigation, music, calls, and more safely while driving.

6.6. Network Connection

The Carlinkit CPC200-Tbox S2C requires an internet connection for streaming and app downloads. You have two primary options:

- **Connect to Phone WiFi Hotspot:** Enable the personal hotspot feature on your smartphone and connect the Carlinkit device to it via Wi-Fi.
- **Insert SIM Card:** The device includes a Nano SIM card slot. Insert a compatible 4G/3G/2G Nano SIM card to provide direct internet access to the device.

Two ways to connect to the Network

Shared wireless network, travel is no longer boring



Figure 8: This image illustrates the two methods for network connection: connecting to a phone's Wi-Fi hotspot or inserting a Nano SIM card directly into the device.

6.7. Firmware Updates (FOTA)

The device supports Firmware Over-The-Air (FOTA) updates to ensure you always have the latest features and improvements. To update:

1. Ensure the product is connected to the car's USB port and the light is burning green.
2. On the device interface, click on the "FOTA Update" icon.
3. Click "Version" to check for the latest version. If an update is detected, click "Upgrade" and then "OK" to confirm. The device will restart after the update.

Support FOTA Online Upgrade



01 After the product is connected to the USB port of the car and when the light burning green, click “**FOTA Update**”

02 Click Version, the latest version is detected, Click Upgrade, prompted whether to update immediately, click “**OK**”

Figure 9: This image demonstrates the steps for performing a FOTA update, showing the update icon and the confirmation prompt on the screen.

7. MAINTENANCE

To ensure the longevity and optimal performance of your Carlinkit CPC200-Tbox S2C:

- Keep the device clean and free from dust. Use a soft, dry cloth for cleaning.
- Avoid exposing the device to extreme temperatures, direct sunlight for prolonged periods, or moisture.
- Handle the device and cables with care to prevent physical damage.

8. TROUBLESHOOTING

If you encounter any issues with your Carlinkit CPC200-Tbox S2C, try the following basic troubleshooting steps:

- **No Connection:** Ensure the device is securely plugged into the correct USB port. Verify your phone's Bluetooth and Wi-Fi are on and paired correctly.
- **Lag or Disconnections:** Check your internet connection stability. Ensure the device is not

overheating. Try restarting both the device and your car's infotainment system.

- **App Issues:** Ensure the device has a stable internet connection. Try clearing the app's cache or reinstalling the app from the Google Play Store.
- **Software Glitches:** Perform a FOTA update (see section 6.7) to ensure the latest firmware is installed.

9. WARRANTY & SUPPORT

The Carlinkit CPC200-Tbox S2C comes with a 1-year warranty from the date of purchase. For technical support, warranty claims, or any other inquiries, please refer to the contact information provided in your product packaging or visit the official Carlinkit website.

After-Sales Contact Video:

Your browser does not support the video tag.

Video 2: This video from Carlinkit provides methods for after-sales contact and support.

10. SAFETY INFORMATION

Your safety and the safety of others are paramount. Please adhere to the following safety guidelines:

- **Focus on Driving:** Always prioritize safe driving. Do not operate the device or engage with multimedia content in a way that distracts you from the road.
- **Local Laws:** Be aware of and comply with all local laws and regulations regarding the use of in-car entertainment systems while driving.
- **Passenger Use:** Multimedia streaming features are intended for passenger use only when the vehicle is safely parked.