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Carlinkit Tbox Ambient (CPC200-Tbox)

CarlinKit Tbox Ambient AI Box User Manual

Model: CPC200-Tbox

1. Introduction

Thank you for choosing the CarlinKit Tbox Ambient AI Box. This device transforms your car's wired CarPlay system into a full Android 13.0 multimedia experience, offering wireless CarPlay and Android Auto, video streaming, navigation, and more. Please read this manual carefully to ensure proper installation and operation.



The CarlinKit Tbox Ambient AI Box, featuring Android 13.0, enables wireless CarPlay and Android Auto functionality in your vehicle.

2. Product Features

- **Advanced Performance:** Equipped with Android 13.0 system and Qualcomm QCM6225 8-core CPU for improved speed and stability. Features 4GB RAM and 64GB ROM, expandable up to 512GB via Micro SD/TF card.
- **Vibrant LED Illumination:** Features beautiful LED ambient lighting that can be customized.
- **Wireless Connectivity:** Converts wired CarPlay and Android Auto to wireless. Supports 4G-LTE network connectivity.
- **Multimedia Entertainment:** Enjoy video playback from apps like YouTube and Netflix. Supports gaming and music streaming.
- **Split-Screen Functionality:** Allows two applications to be displayed simultaneously, for example, navigation while watching a video.
- **Integrated GPS:** Built-in GPS provides high-precision positioning, ensuring accurate location information even in tunnels or mountainous areas.

- **App Expansion:** Download your favorite applications directly from the Google Play Store.
- **Retains Original Car Controls:** Compatible with existing car controls including joystick, steering wheel buttons, voice commands (Google, Siri hands-free), and touch screen.



The CarlinKit Tbox Ambient runs on Android 13.0, offering a wide range of applications and enhanced performance.



Seamlessly convert your wired CarPlay or Android Auto to a wireless connection.

3. Setup Instructions

Follow these steps to set up your CarlinKit Tbox Ambient AI Box:

1. **Connect the Box:** Insert the CarlinKit Tbox Ambient into your car's USB port, which supports wired CarPlay.
2. **Access Android System:** After connecting, your car's display should switch to the Android system interface.
3. **Launch AutoKit App:** Locate and click on the "AutoKit" application icon on the car's display.
4. **Enable Bluetooth & Wi-Fi:** On your smartphone, turn on Bluetooth and Wi-Fi.
5. **Pair with Box:** Connect your smartphone's Bluetooth to the CarlinKit Tbox Ambient.
6. **Confirm Pairing:** Accept any pairing requests on your car's screen.
7. **Start Wireless CarPlay/Android Auto:** Once connected, you can begin using wireless CarPlay or Android Auto.



Visual guide for connecting the CarlinKit Tbox Ambient to your car's system.

4. Operating Instructions

4.1. Multimedia Playback

The Tbox Ambient allows you to play videos from various streaming services and local media. Ensure you have a stable internet connection (via SIM card or smartphone tethering).

- **Streaming Apps:** Open pre-installed apps like YouTube or Netflix, or download others from the Google Play Store.
- **Local Media:** Insert a Micro SD/TF card with media files into the designated slot to play music or videos.



Enjoy video playback from YouTube, Netflix, and other supported applications directly on your car's display.

4.2. Split-Screen Mode

To use split-screen mode:

1. Open the first application you wish to use.
2. Access the recent apps menu (usually by swiping up from the bottom or pressing a dedicated button).
3. Drag the first app to one side of the screen, then select the second app for the other side.



The split-screen feature allows simultaneous use of navigation and entertainment apps.

4.3. Voice Control

The device supports hands-free voice control via Google Assistant or Siri. Simply activate the voice assistant using your car's controls or a voice command like "Hey Google" or "Hey Siri" to navigate, play music, make calls, and more.



Hands-free voice control with Google Assistant or Siri for safe and convenient operation.

4.4. Customizing LED Illumination

The Tbox Ambient features customizable LED lighting. Access the device settings on your car's screen to change the color and effect of the LED illumination to match your preference.



The device features beautiful LED illumination that can be adjusted to various colors and effects.

5. Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the device. Avoid using liquid cleaners or abrasive materials.
- **Storage:** Store the device in a cool, dry place when not in use.
- **Software Updates:** Periodically check for software updates to ensure optimal performance and compatibility. Updates are typically provided to address specific issues, so if your current experience is satisfactory, updates may not be necessary.
- **Temperature:** Avoid exposing the device to extreme temperatures, as this may affect its performance and lifespan.

6. Troubleshooting

- **Device Not Connecting:**
  - Ensure your car supports wired Apple CarPlay. This product is designed for genuine wired CarPlay-equipped

vehicles (not third-party Android car navigation systems).
    - Check the USB cable connection. Try a different USB port or cable if available.
    - Restart your car's infotainment system and the CarlinKit Tbox Ambient.
- **"Connection Error" Message (2024 Toyota, Lexus, Crown models):** If you encounter a "Connection Error" message, it may be necessary to use a dedicated power supply cable for the Tbox.
- **Slow App Performance or Freezing:**
    - While the device has 4GB RAM, some apps may still load slowly. This is normal behavior for some applications.
    - If the device freezes, disconnect and reconnect the USB cable to restart it.
    - Ensure you have sufficient storage space.
- **No Sound:** If there is no sound, wait for 10 minutes to 1 hour, as sound may sometimes be delayed.
- **Incompatible Vehicles:** This product is not compatible with BMW, Nissan Murano, Nissan GT-R, Nissan Leaf, Nissan Aiways, and BYD vehicles.
- **Japanese Input Issues:** If you experience issues with Japanese Kanji conversion or voice input resulting in a "network error," ensure your network connection is stable.

7. Specifications

Brand	Carlinkit
Model Name	Ambient 4 (CPC200-Tbox)
Operating System	Android 13.0
CPU	Qualcomm QCM6225 8-core
Memory	4GB RAM + 64GB ROM
Storage Expansion	Micro SD/TF card up to 512GB
Connectivity	USB, 4G-LTE, Wi-Fi, Bluetooth 5.0/4.2
Navigation	Built-in GPS (Glonass compatible)
Features	Hands-free, Touch Screen, Voice Recognition, LED Illumination
Dimensions	78.6 x 78.6 x 18.5 mm
Weight	80g
Included Components	Product Box x1, CarlinKit Tbox Ambient x1, USB Cables x2, Instruction Manual x1
Technical Conformity Certification	R210-181448 (Japan specific version)



Detailed view of the CarlinKit Tbox Ambient's dimensions and included accessories.

8. Warranty and Support

The CarlinKit Tbox Ambient comes with a one-year manufacturer's warranty.

If you have any questions or encounter issues with the product, please contact customer support through your purchase platform (e.g., Amazon: "Account Service" > "Order History" > "Contact Seller") or refer to the email address provided in the included instruction manual.

This product has obtained technical conformity certification (R210-181448) based on radio law, ensuring safe use.

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