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CarlinKit 8+128GB

CarlinKit Tbox Ambient 8+128GB Android13.0 Wireless CarPlay/Android Auto Adapter User Manual

1. Product Overview

The CarlinKit Tbox Ambient is an advanced adapter designed to enhance your in-car entertainment and connectivity. It features an Android 13.0 system, powered by a Qualcomm QCM6225 8-core CPU, offering improved performance and speed. With 8GB RAM and 128GB ROM (expandable up to 512GB via TF card), it ensures smooth operation of multiple applications. The device supports 4G-LTE connectivity and includes a built-in GPS for high-accuracy positioning, even in challenging environments like tunnels or mountainous areas.

A distinctive feature is its vibrant LED illumination, which can be customized to your preference. This device transforms your wired CarPlay into a wireless CarPlay and Android Auto experience, allowing seamless access to your smartphone's features on your car's display.



Image: The CarlinKit Tbox Ambient device, showcasing its compact design and customizable LED lighting.

Your browser does not support the video tag.

Video: An overview demonstrating the CarlinKit Tbox Ambient's features and user interface in a vehicle.

2. Setup Instructions

2.1 Compatibility Requirements

- Requires a car with a factory-installed wired Apple CarPlay function and a touchscreen display.
- Not compatible with third-party Android car navigation systems.
- Not compatible with BMW, Nissan Murano, Nissan GT-R, Nissan Leaf, Nissan Aiways, or BYD vehicles.
- This product is a Japan-specific version, compatible with all frequency bands within Japan.

2.2 Package Contents

- CarlinKit Tbox Ambient Product Unit x 1

- USB Cables x 2
- User Manual x 1



Image: The CarlinKit Tbox Ambient device, its dimensions, and the included accessories.

2.3 Connection Method

1. Connect the Tbox Ambient to your car's USB port (the one used for wired CarPlay).
2. On your car's display, navigate to and click the 'AutoKit' application.
3. Enable Bluetooth and Wi-Fi on your smartphone.
4. Pair your smartphone with the Tbox Ambient via Bluetooth.
5. Once connected, you can begin using wireless CarPlay or Android Auto.



Image: Step-by-step guide on how to connect the CarlinKit Tbox Ambient to your car's system.

2.4 SIM/SD Card Installation

The device supports a SIM card for 4G network connectivity and a Micro SD/TF card for storage expansion up to 512GB. Insert the cards into their respective slots on the side of the device.



Image: Close-up view of the CarlinKit Tbox Ambient showing the SIM card and SD card slots.

3. Operating Instructions

3.1 Wireless CarPlay & Android Auto

After successful connection, the Tbox Ambient allows you to seamlessly switch between wireless CarPlay and wireless Android Auto modes. Access your phone's navigation, music, calls, and messages directly on your car's screen.



Image: The CarlinKit Tbox Ambient in use, displaying wireless CarPlay and Android Auto interfaces on a car screen.

3.2 Multimedia Playback & App Access

The device supports various multimedia applications such as YouTube, Netflix, and other streaming services. You can also download your favorite apps from the Google Play Store directly onto the Tbox Ambient.



Image: A car's infotainment screen showing popular video streaming applications available through the Tbox Ambient.



Image: The Google Play Store interface displayed on a car screen, allowing users to download additional applications.

3.3 Split-Screen Functionality

Utilize the split-screen feature to display two applications simultaneously. For example, you can have navigation running on one side while a video plays on the other, without interrupting either function.



Image: A car's display in split-screen mode, showing a navigation map on one side and a video on the other.

3.4 Voice Control & Original Car Controls

The Tbox Ambient supports hands-free voice control via Google Assistant and Siri. You can also continue to use your car's original controls, including joystick, steering wheel buttons, and touchscreen, for seamless interaction.

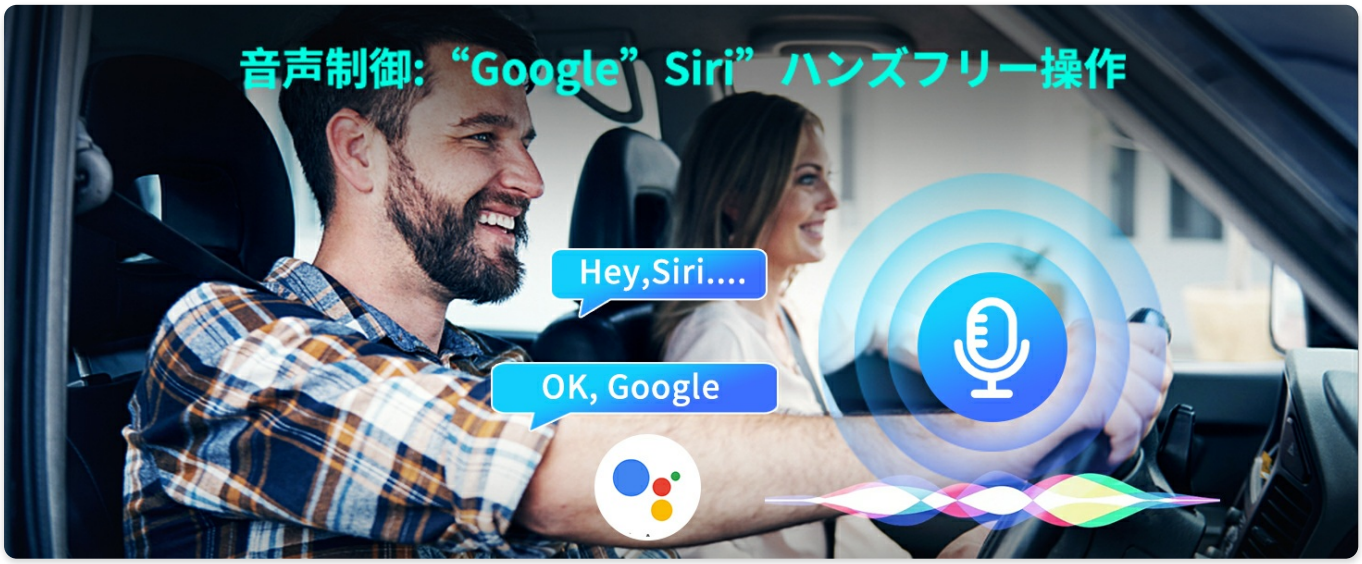


Image: A driver interacting with the system using voice commands for hands-free operation.



Image: Examples of how the device integrates with the car's existing controls, such as steering wheel buttons, rotary knobs, and the touchscreen.

3.5 LED Illumination Customization

The Tbox Ambient features a beautiful LED illumination ring. You can customize the color and effect of this LED light through the device's settings menu.



Image: The CarlinKit Tbox Ambient connected in a car, demonstrating the customizable LED light settings on the screen.

4. Maintenance

4.1 Software Updates

Software updates are primarily intended for vehicles experiencing specific issues. If your current product experience is satisfactory, the existing setup and version are likely optimal for your car, and updates may not be necessary. Consult the manufacturer's support if you encounter issues that might require an update.

4.2 Cleaning

To clean the device, gently wipe it with a soft, dry cloth. Avoid using liquid cleaners or abrasive materials, as these may damage the device's surface or internal components.

5. Troubleshooting

5.1 Common Issues and Solutions

- **Device Not Recognized by Car:**
  Ensure the USB cable is securely connected to both the Tbox Ambient and the car's CarPlay-enabled USB port. Try a different USB port if available. Verify your car model is compatible (refer to Section 2.1).
- **Slow Response or Freezing:**
  This can sometimes occur due to network conditions or heavy app usage. Try restarting the device by unplugging and re-plugging it. Ensure you have a stable 4G or Wi-Fi connection. If using a SIM card, verify it is active and has data.
- **SIM Card Not Detected:**
  Ensure the SIM card is correctly inserted into the slot. Test the SIM card in another device to confirm it is functional.
- **Audio Delay During Calls:**
  If experiencing audio delay when making calls while connected to your smartphone, ensure the Tbox Ambient's audio settings are configured correctly. Sometimes, using the car's native Bluetooth for calls while using the Tbox for other functions can help.
- **Cannot Download Apps from Google Play Store:**
  Ensure the device has an active internet connection (via SIM or Wi-Fi). Check your Google account settings and ensure sufficient storage space is available.

If you encounter persistent issues not covered here, please refer to the support section for assistance.

6. Specifications

Brand	CarlinKit
Model Name	Tbox Ambient (8+128GB)
CPU	Qualcomm QCM6225 8-core
Operating System	Android 13.0
RAM	8GB

ROM	128GB
Expandable Memory	Micro SD/TF card up to 512GB
Connectivity	Bluetooth, 4G-LTE, Wi-Fi
GPS	Built-in GPS
Features	Touchscreen support, Lane support, Hands-free voice control, LED illumination
Resolution	4K (supported output)
Audio Output Mode	Stereo
Mounting Type	Handheld
Compatible Devices	iPhone and Android phones
Control Method	Touch, Voice
Technical Compliance	Radio Law Certified (Certification No.: R210-181448)

7. Warranty & Support

7.1 Manufacturer's Warranty

The CarlinKit Tbox Ambient comes with a **1-year manufacturer's warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use.

7.2 Customer Support

If you have any questions, encounter issues, or require assistance with your product, please contact customer support through the following methods:

- **Amazon Account Service:** Go to 'Account Service' > 'Order History' > 'Contact Seller'.
- **Email:** Refer to the email address provided in the physical user manual included with your product.

Please provide your order number and a detailed description of the issue when contacting support to ensure a prompt resolution.

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

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