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› CARTISAN CarPlay AI Box (Model PCS47) User Manual

CARTISAN PCS47

CARTISAN CarPlay AI Box (Model PCS47) User Manual

Comprehensive Guide for Setup, Operation, and Maintenance

1. INTRODUCTION

This user manual provides detailed instructions for the CARTISAN CarPlay AI Box, Model PCS47. This device integrates Android 12, wireless CarPlay, and wireless Android Auto functionalities into your vehicle's existing wired CarPlay system. Please read this manual thoroughly before use to ensure proper installation and optimal performance.



Image 1: The CARTISAN CarPlay AI Box (Model PCS47) and its connecting cables.

2. COMPATIBILITY

The CARTISAN CarPlay AI Box is designed for vehicles equipped with a factory-installed wired CarPlay system, manufactured in 2016 or later. It supports mobile devices running iOS 10 or later and Android 11 or later.

Important: Ensure your vehicle has a wired CarPlay system before purchasing and installing this product. Compatibility with over 800 car models has been verified. Please check the vehicle compatibility list provided by the manufacturer if available.

多車種適用

今は、800車種以上の車に取り付けが可能です。

*ご注意：ご注文の際は、必ず車両の適合リストを確認してください。



Image 2: Illustration of multi-vehicle compatibility for the CarPlay AI Box.

3. SETUP INSTRUCTIONS

- 1. Connect the Device:** Locate your vehicle's USB port that supports wired CarPlay. Connect the CARTISAN CarPlay AI Box to this USB port using the provided cable.
- 2. Initial Boot-up:** Once connected, the device will power on automatically. The car's display should switch to the AI Box interface.
- 3. Pairing (Wireless CarPlay/Android Auto):**
 - On the AI Box interface, navigate to the Wireless CarPlay or Wireless Android Auto option.
 - Enable Bluetooth and Wi-Fi on your smartphone.
 - Search for the AI Box's Bluetooth signal on your smartphone and pair with it.
 - Follow any on-screen prompts to complete the connection.
- 4. SIM Card Installation (Optional):** If using a SIM card for mobile data, insert it into the designated SIM card slot on the AI Box. You may need to configure APN settings manually. Refer to your SIM card provider's instructions

for APN details.

The compact design allows for straightforward installation, converting your wired CarPlay system to a wireless one.

4. OPERATING INSTRUCTIONS

4.1. 3-in-1 Functionality

The AI Box offers a versatile 3-in-1 system, allowing seamless switching between:

- **Android 12 System:** Access a full Android environment directly on your car's display.
- **Wireless CarPlay:** Enjoy Apple CarPlay wirelessly, accessing navigation, music, calls, and messages.
- **Wireless Android Auto:** Utilize Google Android Auto wirelessly for navigation, media, and communication.

Control is intuitive via voice commands or the car's touch screen.



Image 3: The AI Box enabling wireless CarPlay and Android Auto on a car's display.

4.2. Android 12 System & Storage

Powered by the latest Android 12 system and a Qualcomm Snapdragon 665 processor, the AI Box ensures smooth and responsive operation. It features 8GB of RAM and 128GB of internal storage, providing ample space for applications and media. A microSD card slot is also available for additional storage expansion (up to 256GB), allowing you to play downloaded videos and music without relying on mobile data.

4.3. HDMI Output & Built-in GPS

The device includes an HDMI output port, enabling connection to rear-seat monitors. This allows for a dual-screen experience where the front display can show navigation while rear passengers watch videos. The integrated GPS module provides accurate real-time location information. The AI Box also features customizable LED illumination settings, allowing you to change the device's LED color.



Image 4: HDMI output allows simultaneous navigation on the front screen and video playback on rear monitors.

4.4. Diverse Split Screen & App Expansion

The AI Box supports various screen split ratios, including 5:5, 3:7, and 7:3, allowing you to multitask effectively. Popular applications such as YouTube, TVER, ABEMA, Disney+, and Yahoo! Car Navi are pre-installed, eliminating the need for manual downloads. The home screen is customizable, similar to a smartphone, allowing you to add widgets and change wallpapers for a personalized user experience.

多彩な画面分割

画面分割は5:5だけでなく、待望の3:7、7:3の比率も実現しました。



Image 5: Example of split-screen mode, displaying video content and navigation simultaneously.

5. MAINTENANCE

To ensure the longevity and optimal performance of your CARTISAN CarPlay AI Box, follow these general maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the device. Avoid using harsh chemicals or abrasive materials.
- **Storage:** When not in use for extended periods, store the device in a cool, dry place away from direct sunlight and extreme temperatures.
- **Software Updates:** Periodically check for and install available software updates to ensure the device has the latest features and security patches.
- **Cable Care:** Handle connecting cables carefully to prevent damage. Avoid sharp bends or excessive pulling.

6. TROUBLESHOOTING

If you encounter issues with your CARTISAN CarPlay AI Box, refer to the following common problems and solutions:

- **Device Not Powering On:**
 - Ensure the USB cable is securely connected to both the AI Box and the car's USB port.
 - Verify that the car's USB port is active and providing power.
- **No Display on Car Screen:**
 - Confirm your vehicle has a wired CarPlay system. The device is not compatible with vehicles lacking this feature.
 - Try restarting both the car's infotainment system and the AI Box.
- **Wireless CarPlay/Android Auto Not Connecting:**
 - Ensure Bluetooth and Wi-Fi are enabled on your smartphone.
 - Delete previous pairings on both your phone and the AI Box, then attempt to re-pair.
 - Check that your smartphone's operating system meets the minimum requirement (iOS 10+ / Android 11+).
- **SIM Card Data Not Working:**
 - Verify the SIM card is correctly inserted.
 - Manually configure the APN settings for your specific SIM card provider within the AI Box's settings.
- **Video Freezing or Disconnections:**
 - Ensure a stable internet connection if streaming.
 - Temporary signal interruptions may occur in areas with poor reception (e.g., tunnels, underpasses).
 - For long videos, consider downloading them to a microSD card to avoid streaming issues.
- **App Updates Cause Issues:**
 - Some app updates may cause the device to restart or reset custom settings. Allow updates to complete fully.
 - If an app becomes unstable after an update, try clearing its cache or reinstalling it.

7. SPECIFICATIONS

Feature	Description
Model Name	AI Box (PCS47)
Operating System	Android 12
Processor	Qualcomm Snapdragon 665
Memory (RAM)	8 GB
Storage (ROM)	128 GB
Expandable Storage	microSD card slot (up to 256GB)
Connectivity	USB, Dual Bluetooth, Wi-Fi
Output Ports	HDMI
Navigation	Built-in GPS
Display Type	LED (for device illumination)

Dimensions	22.9 x 11 x 4.4 cm
Weight	86 g
Mounting Type	Dashboard Mount

8. WARRANTY AND SUPPORT

The CARTISAN CarPlay AI Box (Model PCS47) comes with a 1-year quality warranty. This product has acquired technical compliance certification. In the unlikely event of a product defect or malfunction, please contact customer support for assistance.

CARTISAN offers 7x24 hour after-sales service to address any inquiries or issues you may have. Please refer to your purchase documentation for specific contact details.



Image 6: Summary of customer benefits including warranty and support.