

Wireless carplay adapter

Model:KY-4201

Please carefully review the manual prior to usage, and we advise retaining this manual for future reference.

Introduction

This product expands the Android system via USB interface without disassembling the center control screen, enabling rich entertainment features, video, calling, wireless CarPlay, and wireless Android Auto. The HD interface extends the display to rear-seat or other screens, providing a smarter, more convenient driving experience.

What's in the box



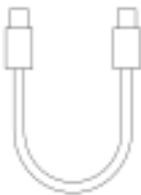
CAR SMART BOX

multimedia
car smart box x 1

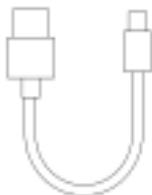


Operating Instructions

Operating
Instructions x 1



Type-C to Type-C
Cable x 1

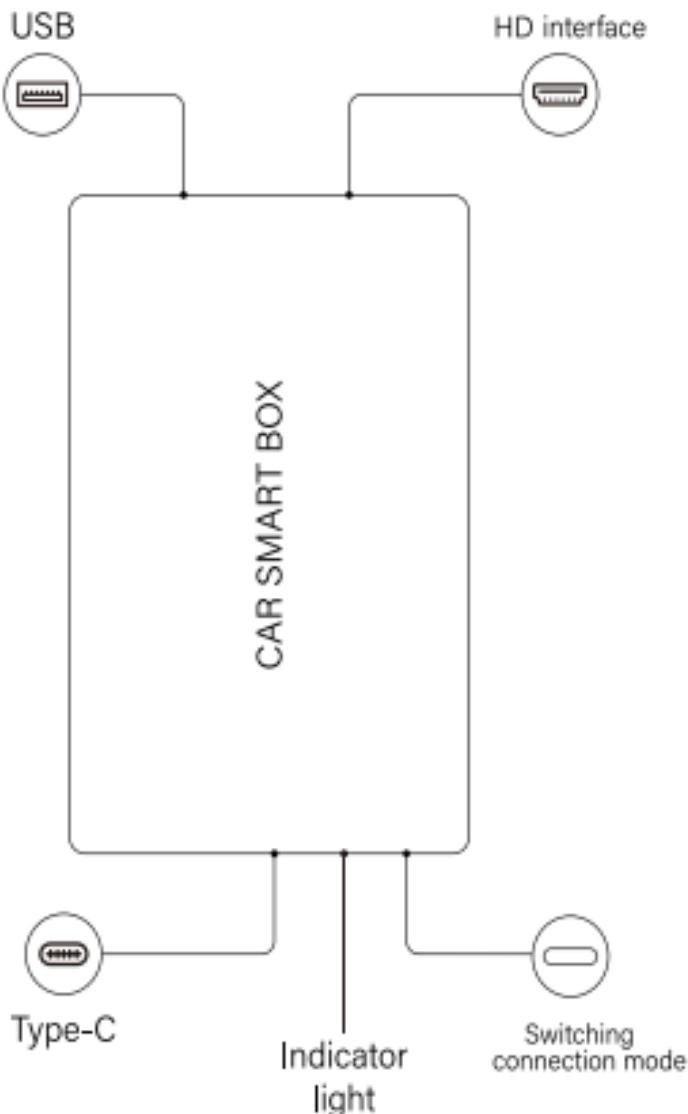


USBA to Type-C
Cable x 1



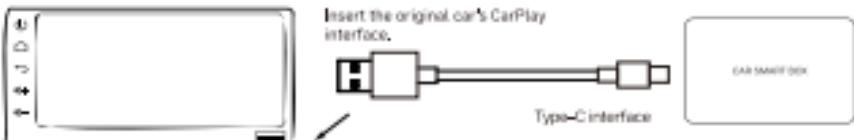
adapter x1

Interfaces

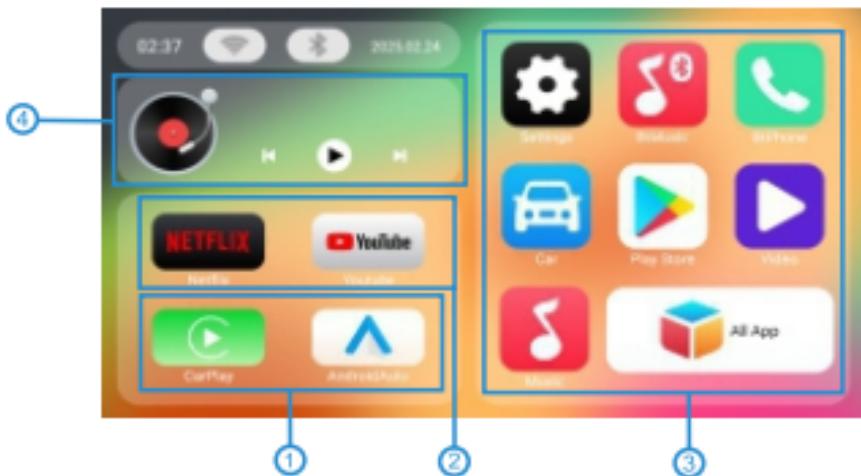


Product Instructions

Insert the device into the original car's CarPlay interface and wait to enter the box interface



Main Interface Introduction



① CarPlay /Android Auto

③ Music Widget

② Netflix / YouTube

④ Apps

Compatibility

Applicable car models: [IMPORTANT] Only compatible with cars equipped with wired Apple CarPlay or wired Android Auto.

Applicable phones: Iphone 7 & Above (iOS 10 & Higher), Android phones (Android 12&Higher, Requires Android phones to support the Android Auto protocol,).

How to find out if a car has Apple CarPlay or Android Auto?

Method 1: Plug your Phone into the main USB port of the car. If the car has an Apple CarPlay or Android Auto function, the app will pop up on the screen requesting permission on your phone.

Method 2: If there is a CarPlay or Android Auto icon in the car stereo menu, that your car has built-in Apple CarPlay or Android Auto.



CarPlay



Android Auto

Compatibility

Method 3: Contact your car dealer for help.

If you want to confirm which car model supports Apple Carplay, visit this website:

<https://www.apple.com/ios/carplay/available-models/>

If you want to confirm which car model supports Android Auto, visit this website:

<https://www.android.com/auto/compatibility/#compatibility-vehicles>



CarPlay



Android Auto



<https://www.apple.com/ios/carplay/available-models/>



https://www.android.com/intl/en_uk/auto/#next-steps

Product characteristics

1. Quad-core A53 processor, up to 2GHz.
2. Supports 4K video decoding.
3. Built-in HD output.
4. Dual 5G WiFi ensures seamless wireless CarPlay, Android Auto, and online streaming.
5. Dual Bluetooth for air mouse and Bluetooth calling.
6. Built-in multi-format audio/video player.
7. App Store for online updates of third-party apps.
8. Supports split-screen for wireless CarPlay navigation and YouTube.
9. Supports OTA updates.
10. USB-A port for connecting standard USB devices.

Specifications

Parameters

CPU: Quad-core A53, up to 2GHz

GPU: Adreno 610

Video Decoding: 4K

Video Encoding: 1080p@60fps HEVC/H.264/H.265

Display Method: Original car host,HDMI display

Bluetooth: BT5.4

WiFi:2.4G/5G, 802.11 a/b/g/n/ac/ax

Ports

- 1 . LED indicator light
- 2 . Type-C female port
- 3 . USB-A
- 4 . HD port

System

System:Android 12

USB Protocol:Original car USB communication

Knob:Supports up/down/left/right operations

Steering Control: Controls audio playback,phone answering,etc.

Pre-installed Apps: SpeedPlay, BT phone, Google Play,YouTube, VLC, Netflix, Gboard, Play Store , TikTok

Instructions for use

A: To connect the AI-Box to your car

1. The Type-C port on the product serves as the power interface. If the car's port is USB, use a Type-C to USB cable. If the car's port is Type-C, use a Type-C to Type-C cable.
2. Insert one end of the USB cable into the car's USB port and connect the other end to the Type-C port of the AI-Box. The indicator light will flash green, and the connection will be established automatically within 1 minute! Click to use the car's CarPlay function to enter the main interface of the Android system.
3. Insert into the car's port. If the green light flashes, it indicates that the wired CarPlay channel is in use. Once the Android system is accessed, the green light will remain steady.
4. Insert into the car's port. If the blue light flashes, it indicates that the wired Android Auto channel is in use. Once the Android system is accessed, the blue light will remain steady.
5. Switching connection mode: after powering on, **Quickly press the button twice, and on the second press, hold it for 3-5 seconds before releasing.** The product will restart and switch mode.

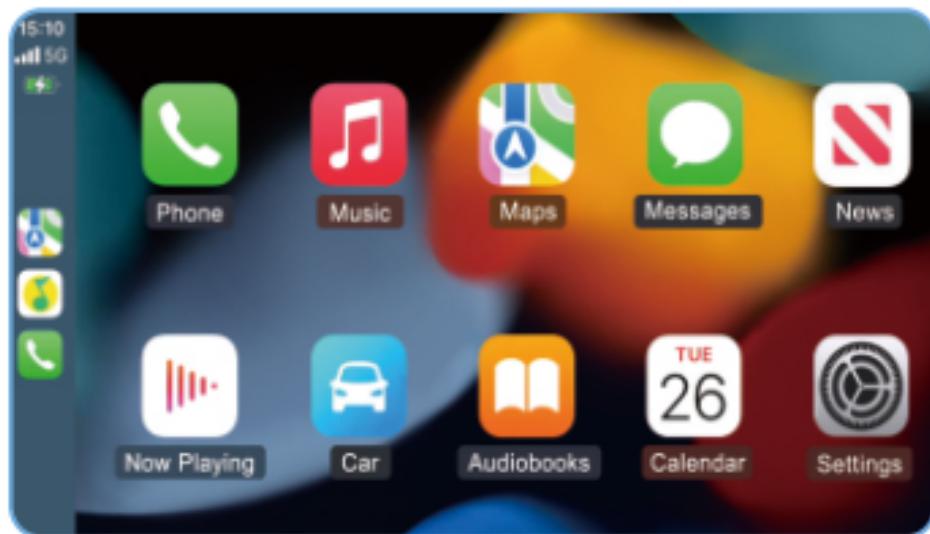
Do you want to switch to Android Auto Connection mode?

NO

YES (2s)

Successfully switched, the system is
about to automatically restart!

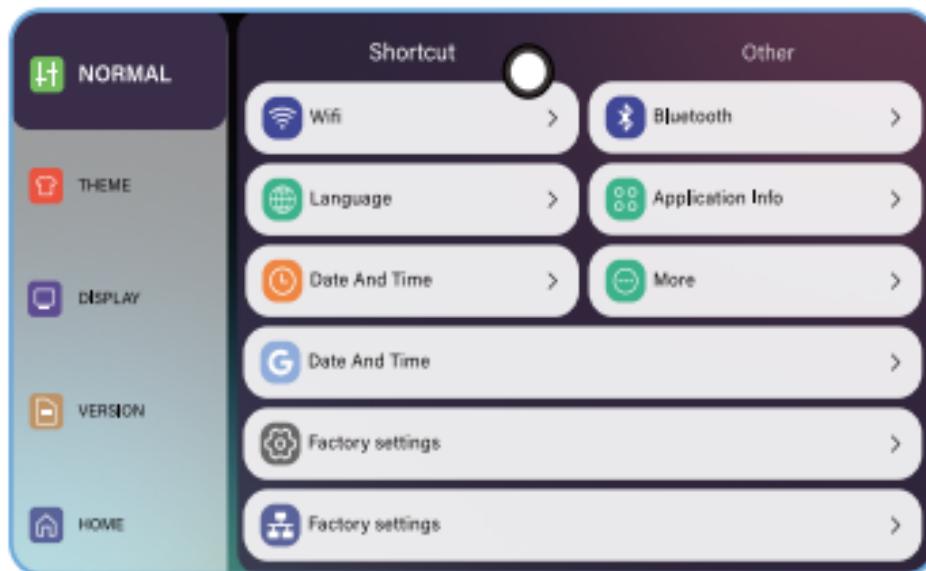
B. Operation instructions



When entering the Android interface of the AI BOX, lightly tap on the blank area of the screen to bring up a small dot. Clicking on the dot allows you to perform the following actions:

1. Return to the main interface
2. Go back to the previous interface
3. Display apps in split-screen mode
4. Clear cache content
5. Return to the original car system

C. Setting



WiFi: Connect to a mobile hotspot or network. When using the built-in Android system apps, a network connection is required. (Note: When using wireless CarPlay or wireless Android Auto, the WiFi connection to the built-in Android system will automatically disconnect.)

Bluetooth: Check the Bluetooth connection status. While in the built-in Android system, connecting Bluetooth allows you to use Bluetooth calling and music playback functions.

Language: Switch the system language.

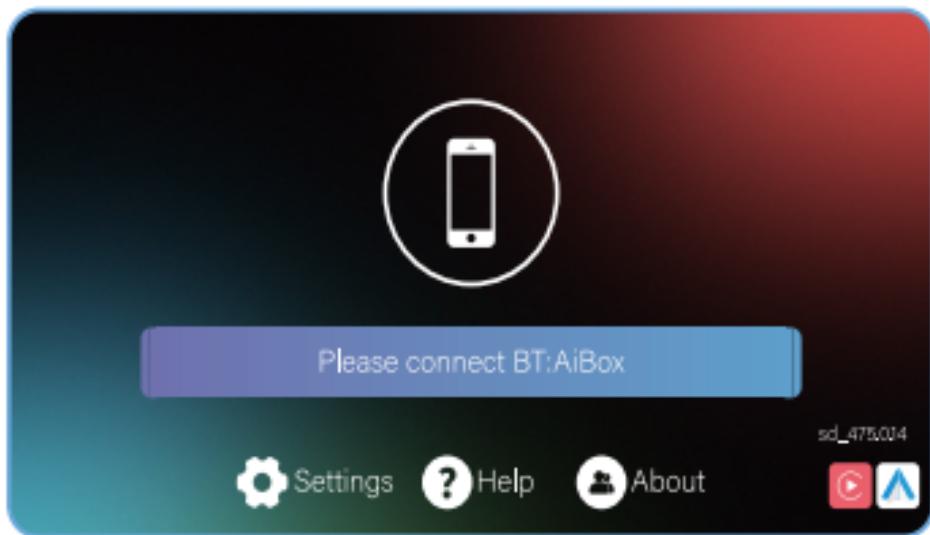
Date and Time: Set the system time and date.

More: View downloaded images, audio, videos, and files, and make personalized settings.

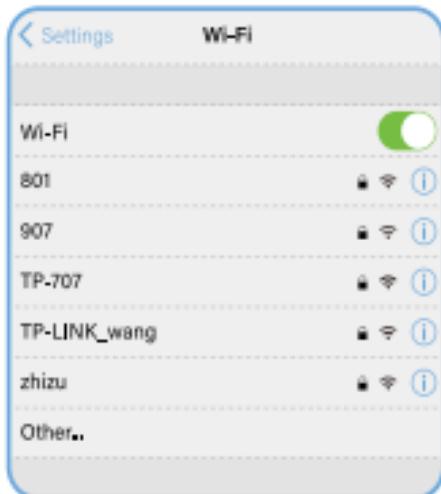
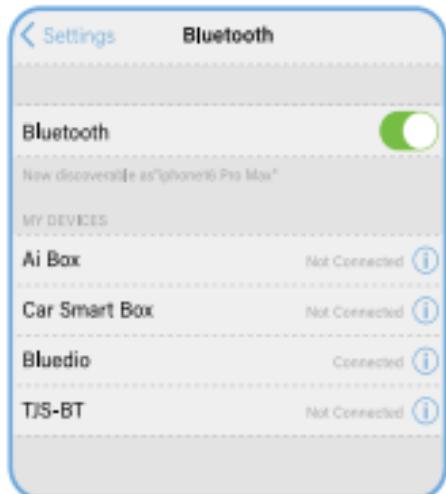
Using the CarPlay

Andriod auto wifi feature with the AI-Box (note that the car's touchpad operates with light touch and firm touch; a light touch will display as a mouse, while a firm touch will display as a cursor-please use the cursor to click on apps).

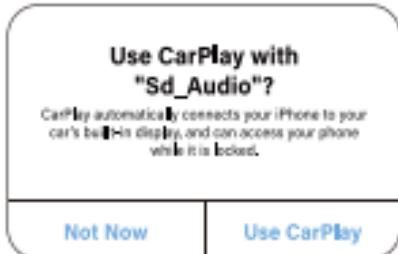
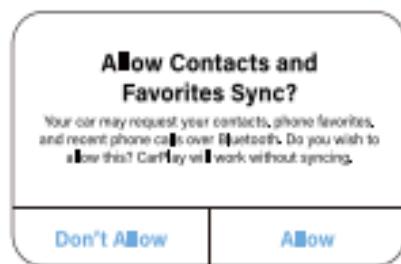
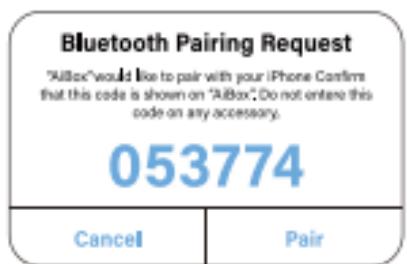
1. When using wireless CarPlay, click on the apple carplay app on the built-in Android system to display the following screen.



Turn on your iphone's Bluetooth and Wi-Fi, and ensure that Siri is enabled. Search for and connect to the AI-Box in the Bluetooth settings (note: do not connect to the product's Wi-Fi in the Wi-Fi settings, and make sure the Wi-Fi is not being used by other devices).

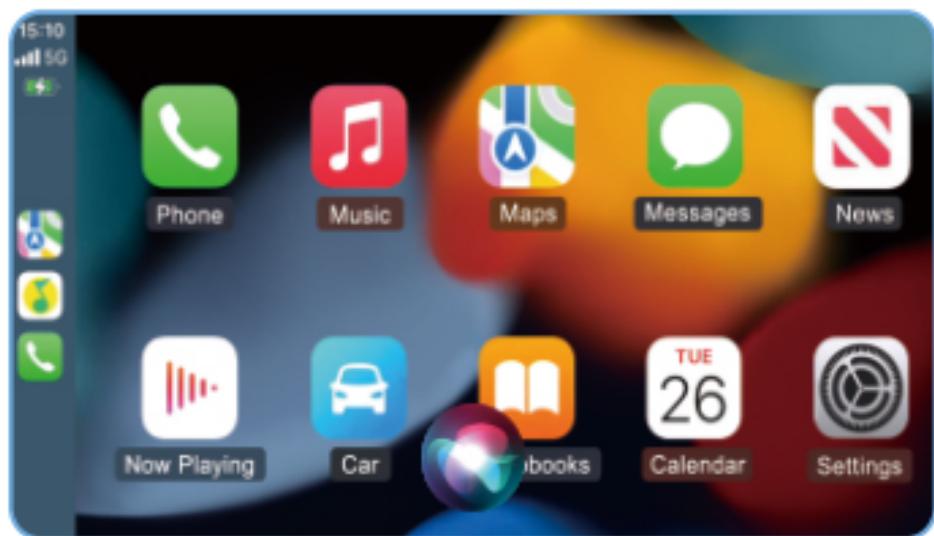


When connecting, a prompt window will appear requesting Bluetooth pairing. Click "Pair." Then, it will ask for permission to access contacts and other information; click "Allow." Finally, it will ask if you want to enable CarPlay in the vehicle—click "Use CarPlay."



(After a successful connection, Bluetooth will disconnect from the product, and the phone's Wi-Fi will automatically connect to the product's hotspot. At this point, switching Wi-Fi or turning off Wi-Fi will disconnect the CarPlay connection.)

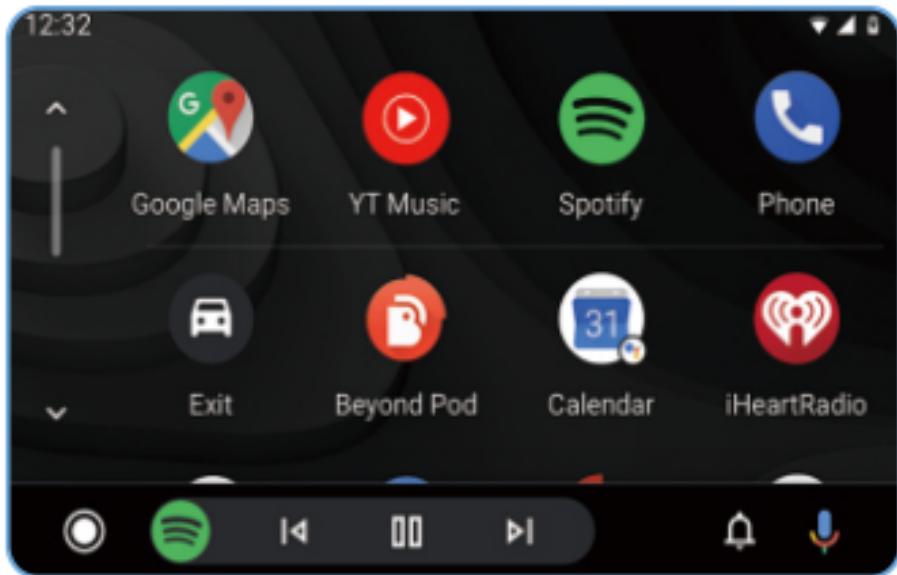
Note: If you want to use the car's Bluetooth, please disconnect the phone from CarPlay first.
Successful connection screen



Using Wireless Android Auto

When using wireless Android Auto, click on the wireless android auto app on the built-in Android system to display the following screen.

Successful connection screen.



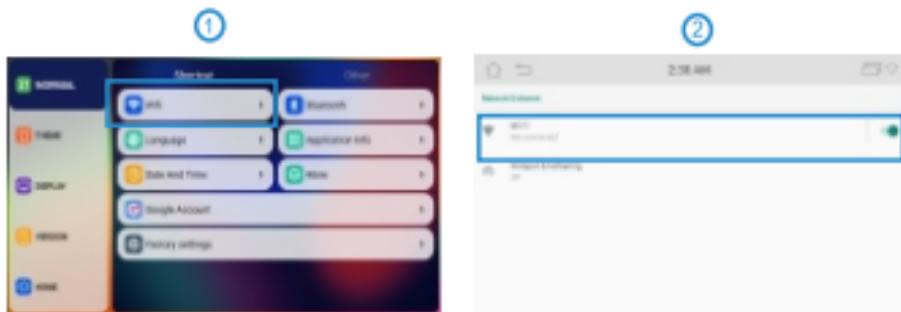
Wi-Fi Connection

- Turn on the personal hotspot on your phone or the 4G/5G hotspot provided by the vehicle's system.
- Click on "Settings," go to "Wi-Fi," and select the name of your phone or vehicle hotspot.

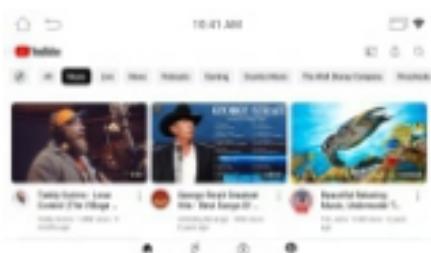
How to play YouTube/Netflix/TikTok

Connect to Wifi

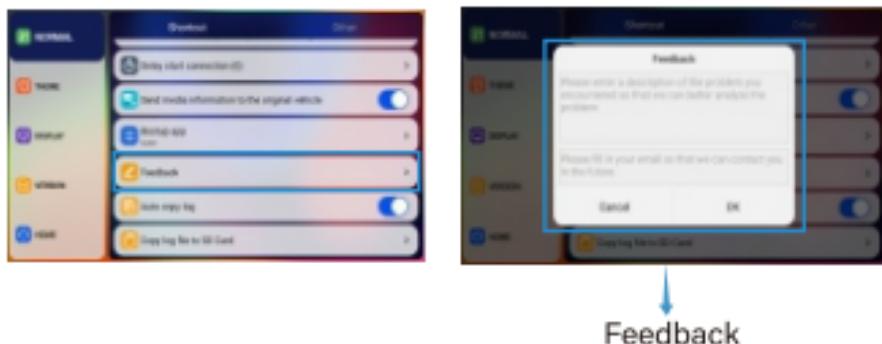
Path-Click Settings-Network & Internet - Internet



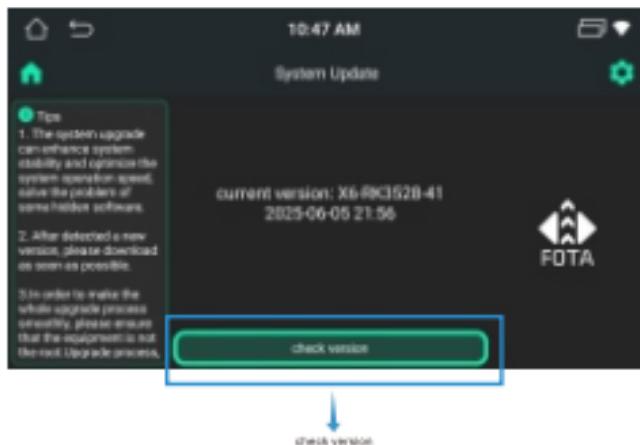
Enable YouTube/Netflix/TikTok



Feedback



System Update



FAQ

Q: Why doesn't the device connect?

A: Please check the USB port you are connecting to and ensure it supports wired CarPlay. The correct USB port might have a CarPlay icon.

Q: The car box cannot connect to the car and frequently disconnects.

- A: ①Unpair the Bluetooth connection between your phone and the original car screen.
- ②For some cars, the USB power supply is insufficient; you can purchase an additional power cable online.
- ③Reset the original car screen to factory settings, then reconnect the box

Q: CarPlay/Android Auto cannot connect to your phone

A: ①Enable WiFi and Bluetooth on your phone, and ensure WiFi is not occupied by other devices. If it takes a long time to connect, manually select the device's hotspot from the WiFi list.

②Clear the phone's Bluetooth records and reconnect the phone's Bluetooth

Q: The box shows a black screen on startup.

A: Set it to Engineering Mode - Delayed Start. After setting, unplug and replug the box to take effect. Please try until the issue is resolved or improved.

Q: The picture is not smooth/clear

A: Set it to Engineering Mode- Picture Smoothness. After setting, unplug and replug the box to take effect. Please try until the issue is resolved or improved.

Q: The box's sound is stuttering

A: Set it to Engineering Mode -Choose Others. After setting, unplug and replug the box to take effect.

Q: Following the procedures did not solve my problem

- A1: Set it to Engineering Mode - Auto Copy Logs to External Storage - Turn on. Insert a USB stick card into the device, and it will automatically copy the logs. Then, send the "Autolog" folder from the USB stick card to our technical staff. (Both auto and manual log copying functions can follow this step).
- A2: Connect the device to a WiFi network, set it to Engineering Mode - Submit Logs - Take a photo of the screen after submission and send it to the technical staff.
- A3: Once the technical staff receives the log file, they will handle your issue as soon as possible. Please be patient.

IC Caution:

RSS-Gen Issue 5 " & " RSS-Gen numéro 5

English:

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

- (1) This device may not cause interference.
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

RF exposure statement:

The equipment complies with IC Radiation exposure limit set forth for uncontrolled environment. This equipment should be installed operated with minimum distance 20 cm between the radiator and your body.

- French:

Cet appareil contient des émetteurs / récepteurs exemptés de licence conformes aux RSS (RSS) d'Innovation, Sciences et Développement économique Canada. Le fonctionnement est soumis aux deux conditions suivantes:

- (1) Cet appareil ne doit pas causer d'interférences.
- (2) Cet appareil doit accepter toutes les interférences, y compris celles susceptibles de provoquer un fonctionnement indésirable de l'appareil.

Tout changement ou modification non expressément approuvé par la partie responsable de la conformité pourrait annuler l'autorité de l'utilisateur à utiliser l'équipement.

Déclaration d'exposition RF:

L'équipement est conforme à la limite d'exposition aux radiations de la IC établie pour un environnement non contrôlé.

Cet équipement doit être installé et utilisé avec une distance minimale de 20 cm entre le radiateur et votre corps.

FCC Caution:

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.. Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum distance between 20cm the radiator your body: Use only the supplied antenna.

5150-5350 MHz Indoor Use Only !

