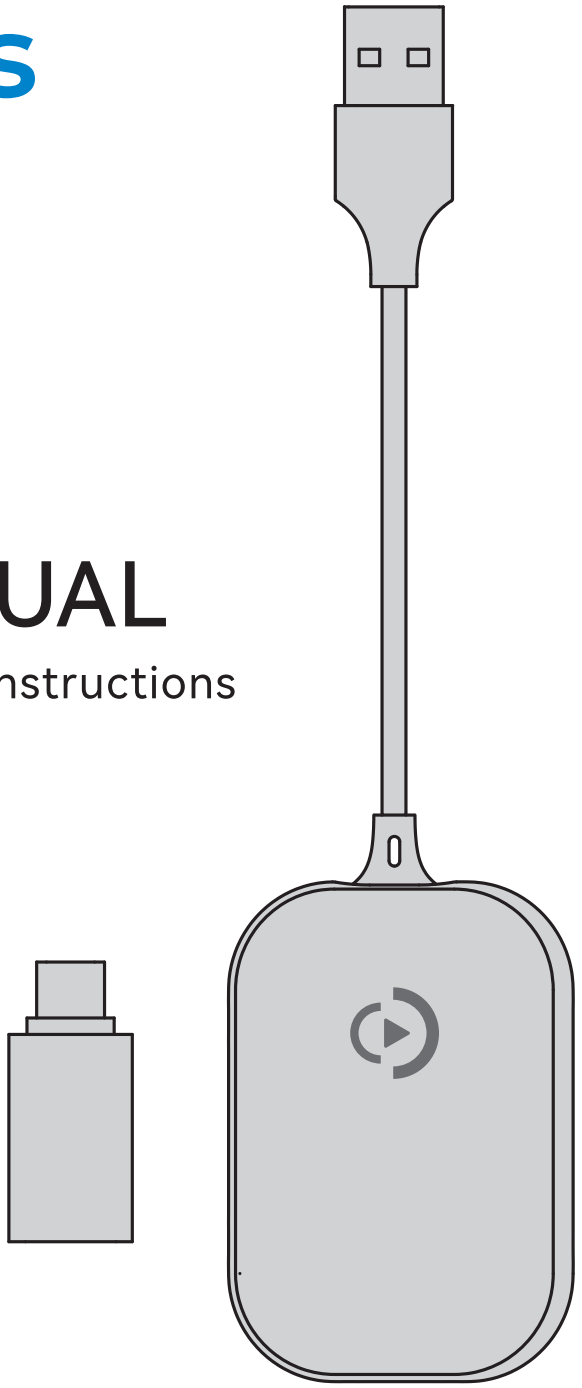
# Wireless CarPlay Adapter



## USER MANUAL

Read and save these instructions

Model: YKCAA

After Service Email:
**service@hicarplay.com**

**Support Car:** ONLY for Cars with Factory Wired Carplay.
**Support Phone:** iPhone 6 and later series.
**Support iPhone System:** iOS 10 and above version.

# Contents

Important Instructions - - - - - - - - - - - - - - - - 1

Working Principle - - - - - - - - - - - - - - - - - - - 2

How to find out if a car has Apple CarPlay? - - 3

Setup Step - - - - - - - - - - - - - - - - - - - - - - - 4

Specifications - - - - - - - - - - - - - - - - - - - - - 6

What's in the Box - - - - - - - - - - - - - - - - - - - 6

Online Firmware Update- - - - - - - - - - - - - - - 7

FAQ & Troubleshooting - - - - - - - - - - - - - - - 9

Waranty Information - - - - - - - - - - - - - - - - - 16

Customer Support - - - - - - - - - - - - - - - - - - 16

# Important Instructions

Please read the manual carefully before use and we recommend keeping this manual for future reference.

## COMPATIBILITY CHECK: Supported Device

1. Supports iPhone 6 and later iPhone models.
2. The iPhone system version needs to be iOS 10 and above.
3. [ **IMPORTANT** ] Only for cars with wired Apple CarPlay, do not support cars without CarPlay functionality.
4. Only work exclusively with iPhone and is not compatible with other smartphones or tablets.

## Notice

1. If your car has been customized with features (such as front-facing camera monitoring, car 360 surround monitoring, etc.), there will be a successful connection but there is a probability of a black screen appearing, This is not indicative of a product issue. In such cases, we recommend reaching out to our customer service team promptly to help you find a solution.
2. When connecting Wireless Carplay, please ensure that is only connected to the Bluetooth and Wi-Fi signals "Car-Play-xxxx" of the Wireless Carplay Adapter (xxxx is the product serial number, the product serial number shall be based on the actual receipt of goods) do not connect to the Bluetooth and Wi-Fi signals of the vehicle system to avoid signal conflict.
3. During the connection process, please ensure that only the user's iphone is connected to the Bluetooth and Wi-Fi signal "Car-Play-xxxx" from the Wireless Carplay Adapter.

## Working Principle

The wireless CarPlay adapter uses Bluetooth to establish a pairing between the phone and the vehicle, then switches to using WiFi to maintain the wireless connection.

After the Bluetooth pairing is successful, the phone WiFi will automatically connect to the dongle's WiFi, and then disconnect the Bluetooth connection by default.

### Pay More Attention

**Notice:** "Car-Play-xxxx" Bluetooth plays a pairing role in the operation of the Carplay. When the pairing is completed, it only needs Wi-Fi to keep working, so it doesn't matter if you turn off Bluetooth. Please note that when you use it next time, you still need to turn on the phone's Bluetooth, so that the Wireless Carplay Adapter, can be automatically paired and connected.

1. While using the Wireless CarPlay feature, your mobile phone's Wi-Fi will be connected to "Car-Play-xxxx" Wi-Fi which is broadcasted by the Adapter. Please note that other Wi-Fi connections can not be used during this time. If the other Wi-Fi conflicts with the Wi-Fi of the Adapter, it may be necessary to manually disconnect the other Wi-Fi to maintain the use of Wireless Carplay.
2. The automatic connection feature of the Adapter requires you to keep your phone's Wi-Fi and Bluetooth available. In addition, please set the Wireless Carplay Adapter's "Car-Play-xxxx" Wi-Fi signal network to "Auto Join" :

A. Settings>WLAN>Ask to Join Networks: select "Notify";

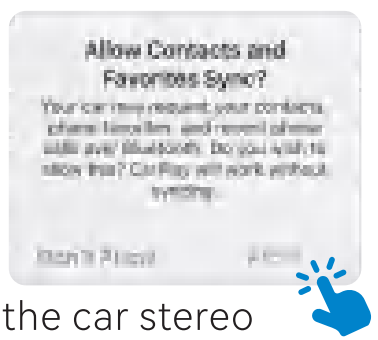
B. Settings>WLAN>Click the"ⓘ" symbol on the far right of "Car-Play-xxxx">Turn on "Auto-Join".

3. The Wireless Carplay Adapter will disconnect the Bluetooth connection with your phone after pairing.If the phone's Bluetooth connects to other devices at this time, it may cause Carplay mic inputor sound playing to be unavailable. You may need to manually disconnect your phone from the other Bluetooth or switch off the Bluetooth directly to fix it.

A. Settings> Bluetooth > Choose the Bluetooth that comes with the car like "Car model xxxx"> Click the exclamation mark: select "Forget This Device".

## How to find out if a car has Apple CarPlay?

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




**Method 2:** if there is a CarPlay icon in the car stereo menu, that your car has built-in Apple CarPlay.

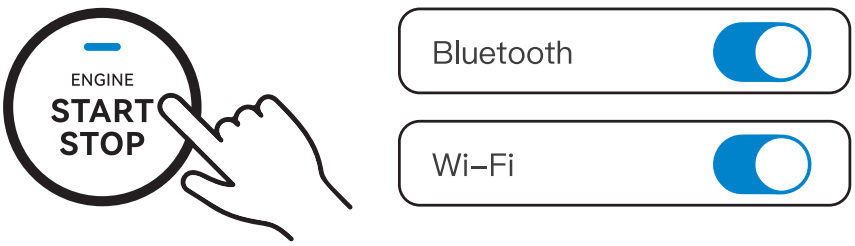
**Method 3:** Contact your car dealer for help.

**Check out this website or scan the code for supported car models:**
https://www.apple.com/ios/car-play/available-models/

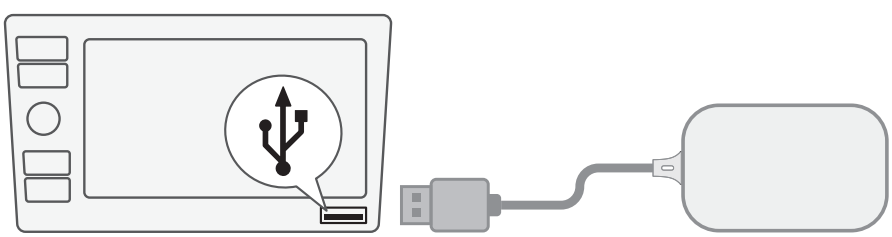
Scan it

## Setup Step

1. Start the car and wait for the car engine system to load. Keep your phone's Bluetooth and Wi-Fi enabled and not connected to any other signals.




2. Connect the Wireless Carplay Adapter to your vehicle's USB or USB C port with apple Carplay functionality. Note that if your car has more than one port, make sure to plug the Wireless Carplay into the USB or USB C port of the wired Carplay (with a diagram of the data transfer ports, some of the ports will be wrapped in a white wire frame)



3. Once the Wireless Carplay Adapter is successfully connected to the car,(please note that some cars may require selecting the CarPlay option on the display screen to initiate it), you'll see the following message on your car's display screen, indicating a successful connection between the Wireless CarPlay Adapter and your vehicle.

4. Open the Bluetooth interface of the mobile phone, find the Bluetooth signal of the Wireless carplay Adapter "Car-Play-xxxx", Click pairing, the phone will prompt "Bluetooth pairing request", click all prompts "allow", wait a few seconds to connect successfully. (Most will automatically access whether the phone matches, no need to manually click)
5. The Wi-Fi of the iphone will automatically connect to the Wi-Fi signal "Car-Play-xxxx" of the Wireless carplay Adapter. Do not connect to it or any other Wi-Fi signals at this time. Please ensure that the Wi-Fi is not connected to other Wi-Fi signals.
6. When the car screen switches to the carplay control interface, it means that the connection has been successful.
7. After the intial pairing, when you use the Wireless Carplay Adapter again, it will automatically connect to your iPhone (ensure that your phone's Wi-Fi and Bluetooth are enabled). In certain cars, you may need to tap the CarPlay icon on your car's display to initiate the connection.

## Specifications

**Wi-Fi signal name:**
"Car-Play-xxxx" (xxxx is the product serial number, the product serial number depends on the actual receipt of goods)

**Bluetooth signal name:**
"Car-Play-xxxx" (xxxx is the product serial number, the product serial number depends on the actual receiptof goods)

**Input interface:**
USB-A Male/Equipped with USB-A TYPE-C External Adapter

**Input voltage:** 5V/1A

**Wi-Fi Bluetooth module frequency:**
Bluetooth 2.4GHz,Wi-Fi 2.4-5.8GHz

**Support Bluetooth version:** Bluetooth 2.1+EDR/3.0/4.X/5

**Wi-Fi format:** WEP/WPA2/WPA3-SAE PERSONAL MFP

**Applicable system version:** iOS 10 and above

**Support mobile phone:** iPhone 6 & later iPhone models

**Support Car**: Built-in Wired Apple CarPlay

## What's in the Box

1 × Wireless Carplay Adapter
1 × USB to USB C Adapter
1 × Quick User Guide
1 × User Manual

# Online Firmware Upgrade

## Premise

1. If the Wireless Carplay Adapter works properly, it means the current version is compatible with your car.
2. Only try this solution when the problem you encountered cannot be resolved by the solutions in the "FAQ" list.
3. If the Wireless Carplay Adapter has problems after updating, please "restore factory Settings".

## How to Update/ Enter the Settings Interface

1. Power up the Wireless Carplay Adapter, it is recommended to use the charging-only port.
2. Connect the Wireless Carplay Adapter's Wi-Fi, the password is "12345678"
3. Open Safari and enter "192.168.2.1", then tap"Upgrade". (*Please refer to Picture 1 for further information: Note1)
4. On the same page, you could also fill in the car make, model years, and issue details, next tap "Submit" to report the issue. Our engineers will document your problem and research possible solutions.
5. After the upgrade is complete, please restart the phone once before using the Wreless Carplay Adapter.

***if the update fails, please try the following :**

A. Turn off your phone's Bluetooth;

B. Enter the WLAN Settings of the phone and forget the "Car-Play-xxxx" Wi-Fi signal of the Wireless Carplay Adapter;

C. Research and re-connect the "Car-Play-xxxx" in the phone's Wi-Fi list.

D. Try to update again on"192.168.2.1".

* If your problem is not finally resolved, please contact us for help.

**After Service Email: service@hicarplay.com**

Example Figure 1

## FAQs & Troubleshooting

**What is the password to connect to Wi-Fi?**

Possible Causes: The first thing we need to connect is Bluetooth, after the Bluetooth connection issuccess-ful, the Wi-Fi will be automatically connectedand no manual password is required.

Solution: When pairing Bluetooth, make sure Wi-Fi is on and not occupied.

---

**The indicator light of the Wireless Carplay Adapter is still on after the car is turned off.**

Possible Causes: The lights on the Wireless Carplay Adapter do not turn off immediately, but takes a while. Rest assured that its power consumption is minimal and will not drain the car battery.

Solution: No operation

---

**Can't find the Bluetooth or Wi-Fi signal Car-Play-xxxx of the Wireless Carplay Adapter?**

Possible Causes: 1. The Wi-Fi and Bluetooth modules of the mobile phone are defective. 2. The Wireless Carplay Adapter has defects

Solution: If convenient, you can test it with another iPhone. If only a specific iPhone cannot find the Bluetooth or Wi-Fi of the Wireless Carplay Adapter, please try to reset the network and Bluetooth settings of this iPhone and then restart the phone once; if the same problem happens on other iPhones, the unit may be defective. In this case, please let us

know and  we will refund you or send you a replacement.In this case, please let us know and  we will refund you or send you a replacement.

---

**Audio input or output issues: calls rejected or forwarded to voicemail/no play sound/microphone not working/music playback interrupted or paused/voice functioning abnormally ...**

Possible Causes: The Bluetooth connection has multiple connections, the background device of the mobile phone occupies the Bluetooth device, and the audio output selection is wrong

Solution: 1) Please check your phone's Bluetooth to see if it is connected to another device.  If so, please ignore other auto-connected Bluetooth devices or turn off the Bluetooth directly.

A.Settings> Bluetooth> Choose the Bluetooth that comes with the car like "Car model xxxx" >Click the exclamation mark: select "Forget This Device";

2) Clear the programs running in the background of your phone when using the Wireless Carplay Adapter.

3) When on a call, check that your "Audio" output option is Carplay.

* Note: Bluetooth plays a pairing role in the work of the Wireless Carplay Adapter When the pairing is completed, it  only needs Wi-Fi to keep working, so it doesn't matter to turn off Bluetooth.  But when you use it next time, you'll still need Bluetooth on so the Carplay Wireless Adapter can automatically pair and connect..

**Persistent disconnection?**

Possible Causes: The Wi-Fi connection is disrupted

Solution: 1) The Wireless Carplay Adapter relies on a Wi-Fi connection to your phone to work. Dropped connections are usually caused by Wi-Fi interference. Do you have other Wi-Fi devices in your car, such as a car camera with a Wi-Fi function? If so, you may need to ignore other Wi-Fi networks when using the Wireless Carplay Adapter.

2) You can also improve this problem by resetting your mobile WLAN network. Also, updating the firmware of your Wireless Carplay Adapter is worth trying.

Reset network settings (this will cause you to reenter your password when using a network you have previously connected to)

Go to Settings> General > Transfer or Reset iPhone> Reset > Reset Network Settings.

---

**Can the Wireless Carplay Adapter be paired with multiple phones?**

Solution: The Wireless Carplay Adapter can be paired with multiple iPhones,but only one device can be connected at a time.

If you would like to pair it with a new iPhone, please disconnect the current iPhone being used.

Please note, by Bluetooth function default, the dongle's system will only auto-connect back to the last used iPhone.

**Unable to automatically reconnect?**

Possible Causes: Phone Settings conflict

Solution: 1) In some cars, you need to select "automatic connection" in the Carplay settings so that the automatic connection function of the Wireless Carplay Adapter. can be used.

2) Check phone settings:

A.Settings> WLAN > Ask to Join Networks: select "Notify";

B.Settings>WLAN>Click the " ⓘ " symbol on the far right of"Car-Play-xxxx>Turn on "Auto-Join".

3) Other cases:

A.Please make sure that the Bluetooth and Wi-Fi functions of your mobile phone are turned on and the Bluetooth is not paired to any other devices when you get in the car.

B. Clear the pairing history, restart the phone, and pair the phone again.

C. Update the firmware.

---

**When the phone plays videos, the audio is not synchronized with the video?**

Solution: Even the original Wireless Carplay that comes with the car also has an audio delay when watching the video. This is due to video transcoding is more complex than normal audio file transcoding and takes longer to process. We have used a dual module design to improve product transmission speed. This is a normal problem of Wireless Carplay, not the Adapter's problem.

**Car screen goes black after pairing?**

Solution: When you pair it for the first time, you need to keep the Wi-Fi turned on (no need to manually connect to the Wireless Carplay Adapter's Wi-Fi at this time), and then you pair to Bluetooth. When the Bluetooth pairing is successful, the Wi-Fi will automatically become connected to the dongle. You can check whether your Wi-Fi has automatically changed to the state of connecting the dongle when this page appears. If not, please unplug the Wireless Carplay Adapter'- ignore the "Car-Play-xxxx" on your Bluetooth list restart your phone once - plug the dongle and repair it again.

2) If it still doesn't work, please try to update the firmware.

---

**Audio lag or sound quality problem (excluding audio delay during video playback)?**

Possible Causes: The audio stream mode has a frequency conflict with the vehicle system

Solution: Modify the "Audio streaming mode":

Enter the dongle's firmware update interface;

1. Power on the Wireless Carplay Adapter. It is recommended to use the charging port only.

2. Connect the Wi-Fi of the Wireless Carplay Adapter, and the password is“12345678”.

3. Open the Safari browser and enter 192.168.2.1.

(*Please refer to Picture 1 for further information: Note2)

1) Find "Audio streaming mode"- there are 4 optional modes:

**Default** -- A fixed setting suitable for most car models;

**Mode 1** -- A fixed setting suitable for some car models;

**Mode 2** -- Adaptive settings based on car parameters

**Mode 3** -- Unmodified car audio output settings

Usually, we recommend using the default mode and mode

2) You can also try other modes to get the best results.

3) Please restart your phone before using the dongle again.

4) If this method does not work, please return the "Audio streaming mode" to the "Default", and then try to upgrade the Wireless Carplay Adapter.

**When pairing, Carplay does not start or the car prompts that the device is not compatible/- does not recognize the USB.**

Solution: Modify the "Delayed start" mode:

1. Enter the Wireless Carplay Adapter 's firmware update interface;

2. Power on the Wireless Carplay Adapter. It is recommended to use the charging port only.

3. Connect the Wi-Fi of the Wireless Carplay Adapter, and the password is “12345678”.

4. Open the Safari browser and enter "192.168.2.1".

(*Please refer to Picture 1 for further information: Note2)

1). Look for "Delayed Start" - change the mode from "default" to "Mode 1";

2). Please restart your phone before using the dongle again.

3). If this method does not work, please return the "Delayed start" mode to the "Default", and then try to upgrade the Wireless Carplay adpater.

NOTE: The "Video streaming mode" does not need to be changed.

**Note:** If you have tried troubleshooting the issue based on the above information and the problem persists, please contact after-sales support. Unauthorized repair personnel are strictly prohibited from disassembling or assembling the unit.

## Waranty Information

Wireless Carplay Adapter is warranted against defects in materials and workmanship for a period of 12 month from the date of purchase. In the event that a defect covered by this warranty occurs during the period stated above, please contact after-sales support for assistance.

### WARRANTY & SERVICE

Warranty (in the case of non-artificial damage)

1. Lifetime technical support;
2. Not working.
3. Fail to connect.
4. Blank screen.
5. Audio is not smooth.
6. Intermittent failure.
7. Connection delay, multimedia delay.
8. Receipt of defective, damaged products.

## Customer Support

**We're Here to Help!**

If you encounter any issues or have any questions regarding your Wireless Carplay Adapter, please contact our helpful Customer Support Team.

Your satisfaction is our goal!

**Contact Us on Amazon:**

a. Go to "Your orders" on your Amazon account;

b. Find the corresponding order;

c. Select "Problem with order" and choose the topic;

d. Select “Contact seller”.

If there is any issue while using the Adapter or any dissatisfaction, we sincerely hope to have an opportunity to make it right.

**Extended Warranty**

We also offer a 2-Year extended warranty.

Please feel free to contact us at **service@hicarplay.com** and provide your **order number** for assistance.

We will provide you with the best solutions!

* Please have your **order number** ready before contacting Customer Support.

**Tel: 929-230-2795**

Support Hours

Mon–Fri : We will reply you within 24 hours

Weekends: We will reply you within 48 hours

* Please feel free to contact us if you have any questions. Your satisfaction is our goal!

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

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.

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

Radiation Exposure Statement
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.
This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.

Any after-sales problems
**scan it!**

Tel: 929-230-2795

After Service Email:
**service@hicarplay.com**

V1.0
Made in China