



CarPlay Wireless Adapter

User Manual

Compatible only with vehicles featuring wired Apple CarPlay.

Read this manual thoroughly before use and retain it for future reference.

Email: support@deerdance.com

Phone: 840-222-5697(text preferred)

Model: DGSDB11



1. Pre-Connection Preparation

1.1 Compatibility Check

1.1.1 Supported iPhone running iOS 10 or later (iPhone 6 or newer models).

1.1.2 Exclusively compatible with vehicles equipped with wired Apple CarPlay.

How to Verify Wired CarPlay Compatibility?

Method 1: Use an Apple-certified Lightning cable to connect your iPhone to the vehicle's CarPlay USB port. If CarPlay launches and requests permission on your iPhone, your vehicle is compatible.

Method 2: Consult your vehicle's dealership for confirmation.

Method 3: Visit Apple's official CarPlay compatibility page:

www.apple.com/ios/carplay/available-models/



Scan QR code below to access the link.

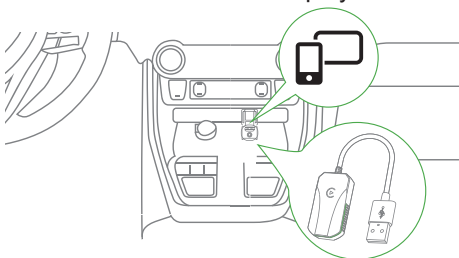
1.2 Environmental Check

Deactivate Bluetooth and Wi-Fi on nearby iPhones not used for CarPlay to prevent signal interference.

1.3 Port Identification

Find the CarPlay-designated USB/USB-C port  (refer to your car manual if multiple ports exist) on your vehicle's central console(not the charging-only port ).

Carplay Port



Indicator light on

2. Setup Instructions

2.1 Start your vehicle and wait for the infotainment system to fully boot.

Connect the wireless adapter to your vehicle's CarPlay-designated USB/USB-C port.

First-time use: The adapter will initialize via wired CarPlay channel, displaying a welcome screen.



2.2 Enable iPhone Wi-Fi:

Ensure Wi-Fi is on, keep Wi-Fi not being occupied. You may need to manually disconnect other devices occupied your Wi-Fi and disable personal Hotspot.

2.3 Enable Bluetooth:

Search for “WirelessDongle-XXXX” in Bluetooth list. Tap “Pair” → “Use CarPlay”, tap to confirm. Wait 5~15 seconds for connection. The setup is completed.



① iPhone searches for Bluetooth "QHBox-*****" for pairing



② Click "Pair"



③ Click "Use CarPlay"

2.4 Subsequent Use:

The adapter will auto-reconnect if your iPhone's Wi-Fi and Bluetooth are enabled.

For some vehicles, enable “Start Automatically” in CarPlay settings (Find in your vehicle's setting) for seamless reconnection.

3. Key Notes

3.1 Multi-Device Pairing:

The adapter supports pairing with multiple iPhones but connects to one at a time.

To switch devices, disable Wi-Fi/Bluetooth on the currently connected iPhone before pairing a new device.

On current iPhone: Settings → Bluetooth → Forget This Device.

3.2 Default Connection:

The adapter prioritizes the last paired iPhone. If you're using a different iPhone this time, you will need to manually set up the connection.

4. How It Works

What need to connect is Bluetooth, not WiFi. The wireless CarPlay adapter uses Bluetooth to establish a pairing between the phone and the vehicle, then **Auto-switches** to using WiFi to maintain the wireless connection.

4.1 Wi-Fi Priority: During CarPlay use, the adapter occupies your iPhone's Wi-Fi, other WiFi cannot be used during this period. Disconnect other Wi-Fi networks manually if conflicts arise.

4.2 The auto-connection function requires to keep the WiFi and Bluetooth of the iPhone available and Wi-Fi not occupied. Besides, please set the WiFi network of the adapter to "Auto-Join":

Go to iPhone Settings > Wi-Fi > "WirelessDongle-XXXX" > Toggle ON "Auto-Join".

4.3 Bluetooth Management:

After pairing, the adapter only needs Wi-Fi to keep working. It's ok to turn off Bluetooth. But you still need to turn on iPhone's Bluetooth for automatically pairing and reconnecting next time.

If CarPlay audio/microphone issues occur, disconnect other Bluetooth devices or disable Bluetooth entirely.

5. Configuration Settings

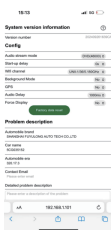
While connected, enter 192.168.1.101 in your mobile browser to adjust parameters:

Audio Stream Mode: Resolve audio quality issues.

Startup Delay: Match vehicle boot time (default $\approx$ dashboard loading duration post-ignition).

WiFi Channel: Mitigate interference (50 channels available).

- Do not update the firmware if the adapter functions properly. (WiFi password: 12345678)
- Contact Seller if unresolved issues persist after reviewing the Troubleshooting.



6. Troubleshooting

1.80% Issue Resolution:

Unplug the adapter and restart the vehicle.
Reinitialize connection.

2. Can't connect the adapter

Test with another iPhone. If issue persists:

Reset network and Bluetooth settings on the affected iPhone and restart the iPhone:

- Setting→Bluetooth→Tap the adapter Bluetooth icon ⓘ Forget This Device;

For iOS16 iPhone, you also need:

- Setting→Wi-Fi→Edit(Top Right)→Delete the adapter's Wi-Fi (⊖);

- Unplug the adapter→Restart the iPhone→Reconnect (see Part 2).

If still can't connect:

- Setting→General→Transfer or Reset iPhone→Reset→Reset Network Settings. (It won't affect other functions of your iPhone).
- Unplug the adapter→Restart the iPhone→Reconnect (see Part 2).

3.Auto-Reconnect fails

Please enabled Wi-Fi and Bluetooth and keep both not occupied.

- For some cars, need to select "automatic connection" in the CarPlay settings of the vehicles' screen.
- Check iPhone settings:
Enable "Auto-Join" for the adapter's Wi-Fi (see 4.2).
- Forget the device in the Bluetooth list to clear the pairing record, unplug the adapter, restart the iPhone and re-pair the adapter.
- If issue persists: **Reset network and Bluetooth settings** (see the setting steps in answer of troubleshooting 2)

4.Can't detect adapter's Bluetooth/Wi-Fi.

Please check if the indicator light of the adapter is on.
Please plug to the CarPlay-designated USB/USB-C port.

Test with another iPhone. If issue persists: **Reset network and Bluetooth settings** (see the setting steps in answer of troubleshooting 2 .)

If still unsolved, please contact seller for a replacement.

5. What's the Wi-Fi password?

What we need to connect is Bluetooth, not WiFi. Bluetooth pairing requires no password. Keep Wi-Fi on but unconnected/unoccupied during setup.

6. Adapter light stays on after turning off the car.

Normal status—minimal power draw; does not drain the battery.

7. Audio input or output issues

Issues

Calls rejected / Forwarded to voicemail / No play sound / Micro-phone not working / Music playback interrupted or paused / Voice functioning abnormally.

Solutions

Ensure Bluetooth is disconnected from other devices. Set iPhone "Audio Output" to CarPlay.

Use charging-only cable if you need to charge your iPhone.

Clear the programs running in the background of your iPhone when using the adapter.

8.Frequent disconnections.

Dropped connections are usually caused by Wi-Fi interference.

Disable competing Wi-Fi devices (e.g., dashcams).
Reset iPhone network settings (This will request you to re-enter your password when using a network you have previously connected to).

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

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

Even the original wireless CarPlay that comes with the car also has an audio delay when watching the video.

Because video transcoding is more complex than normal audio file transcoding and takes longer to process. This is a normal problem of wireless CarPlay, not the adapter's problem.

10.Car screen goes black after pairing.

Unplug the adapter, remove the device from Bluetooth list, restart your iPhone once. Plug the adapter and repair. If unresolved, contact seller.

11. Audio lag or sound quality problems.

Ajust the parameters in the Configuration Settings (see Part 5).

Modify the Audio Streaming Mode: Resolve audio quality issues.

Usually, it's recommended to use the default mode, please restart your iPhone before using the adapter again.

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

Ajust the parameters in the Configuration Settings (see Part 5).

Modify the "Delayed start" mode:

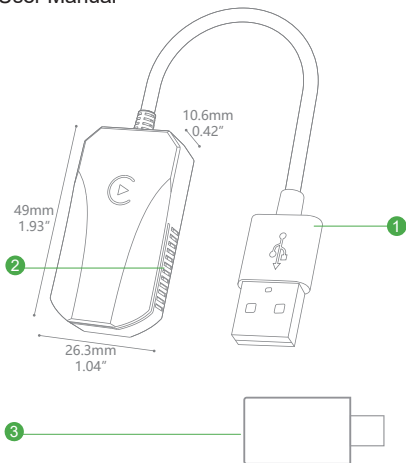
Change the mode from "Default" to "Mode 1" and restart your phone. If this method does not work, please return the "Delayed start" mode to the "Default", and then try to upgrade the dongle.

13. Video unsupported

YouTube/TikTok not supported, Support CarPlay apps only.

7. Package Included

- 1 * Wireless CarPlay Adapter
- 1 * USB C to USB A Adapter
- 1 * User Manual



- ① USB interface
- ② Status indicator light
- ③ OTG

8. Warranty & Support

- Lifetime technical support.
- 100% money-back guarantee.
- Free replacements for defective units (Don't worry miss the Amazon return window).

Contact Us via Amazon

1. Navigate to Your Orders.
2. Locate your order.
3. Select "Problem with Order" > Choose relevant issue > Contact Seller.

Contact Seller

Submit issues with **Order Number + Details** to

Email: support@deerdance.com

Phone: 001 840-222-5697(text preferred.)

24-hour response guarantee (business days)

FCC Statement

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 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.

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

ISED Statement:

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; and
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

Cet appareil contient des émetteurs/récepteurs sans licence conformes aux normes CNR d'Innovation, Sciences et Développement économique Canada. Son fonctionnement est assujéti aux deux conditions suivantes :

- (1) Cet appareil ne doit pas causer d'interférence ; et
- (2) Cet appareil doit tolérer toute interférence, y compris celles qui pourraient entraîner un fonctionnement indésirable.

Radiation Exposure Statement

This device complies with RF radiation exposure limits set forth for an uncontrolled environment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

This device must operate with a minimum distance of 20 cm between the radiator and user body.

Cet appareil est conforme aux limites d'exposition aux rayonnements RF définies pour un environnement non contrôlé. Cet émetteur ne doit pas être placé à proximité ni fonctionner avec une autre antenne ou un autre émetteur.

Cet appareil doit fonctionner à une distance minimale de 20 cm entre le radiateur et le corps de l'utilisateur.

UK	REP
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Model: DGSDB11

Made in China

