

Model:HULK-10

# Dragonfly user's manual

Please read this instruction completely and keep it properly

## Product Introduction

This product can transfer most of the basic functions of the mobile phone through the control panel of the car use. Some of the functions include voice assistant tools, music playback, maps and short Letter service. Through this product, the driver can receive and call electricity without leaving the steering wheel with both hands In addition, you can also hear the content of the voice mail.

### 1. How to use wired Carplay to wireless Carplay:

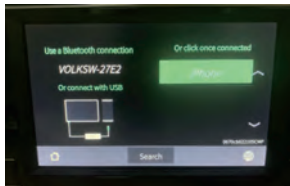
Wired Carplay to wireless Carplay only supports Apple mobile phones (systems above IOS10).It can support both wired and wireless connection modes at the same time.

#### Prerequisites:

1.Before connecting using the HULK-10 wired to wireless box, please confirm that the device you are currently using supports wired connection carplay.

2.The box is connected to the corresponding interface that can connect the mobile phone (some cars have multiple USB ports, there may only be one that can connect to the mobile phone, generally have a logo) First, the wired to wireless box connection main interface and web page settings page description HULK-10 :  
1. Connect the main interface description diagram

#### Illustration of connection interface



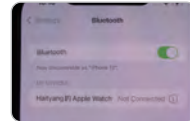
### 1. Wired connection:

- (1)After connecting the box to the car and the machine is recognized as normal, click on the wired connection interface;
- (2) Connect the mobile phone to the box through the Apple mobile phone data line;
- (3) There will be a pop-up box on the phone to prompt whether to connect, just allow the connection.



### 2. Wireless connection

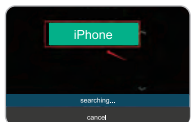
- (1) First turn on the Bluetooth and wifi of the mobile phone that needs to be connected, and click the active search button on the main interface of the box (Figure 5).Enter the search device interface (Figure 6)



(5)

(6)

- (2)After searching for a connectable device, click on the device name to connect (Figure 7)



(7)

The corresponding operation is required on the mobile phone when connecting for the first time. (1. When the mobile phone has a box Bluetooth pairing request, click Pairing, otherwise the next step cannot be performed (Picture 8) 2. When the phone prompts whether to connect "\*\*\*\*\*-\*\*\*\*Bluetooth name\*"When using the carplay car, choose to use carplay car (Picture 9))



(8)



(9)

(3) Then the mobile phone will be connected to the car wireless Carplay (Figure 10)



(10)

### 2. How to enter the web page setting interface

Connect the iPhone to the box wifi and open the data flow to surf the Internet, and enter the URL in the browser:192.168.50.2, enter the version update and display interface, and then click the lower right corner of the webpage In the circle (Figure 11), enter the web page setting function interface.



(11)



### 3. Description of the setting function page

In the webpage setting function interface, you can make some corresponding adjustments according to the actual situation, synchronization mode, media sound quality After these two options are set, you need to re-plug the box to take effect.



- 1.Reset: Restore the box to the state of just upgrading this version, and delete all the connection records of the box
- 2.Sync mode: Function in some of the cars that support the dashboard Carplay media information display, when the media information cannot be displayed normally after using the box, you can switch the synchronization mode to try, and at the same time, you can also switch the synchronization mode on the model that does not recognize the box, and the box will take effect after switching.
- 3.Sound Quality: After connecting the box, playing music and other media will become a car machine with caton noise, you can switch the media sound quality to try, you need to reset the box after switching to take effect
4. Media delay: adjust the delay time of the media sound, default 1000 milliseconds, the greater the delay, the less likely it is to appear stuttering, the smaller the music is more synchronized with the image, this setting is related to the network environment in the car, please adjust according to the actual situation
- 5.Startup Delay: Set the time for delaying communication with the original car after the box is powered on, and when you need to unplug it after getting on the car to recognize the box, you can adjust this parameter appropriately to try
- 6.Frame rate: The box is connected to the mobile phone after the synchronization screen refresh frame rate
- 7.Automatic : the box automatically connects the connected mobile phone switch option, the user can set according to their own preference of the connection method
- 8.GPS: set whether to use the GPS of the original car, when the problem of navigation and positioning drift occurs after connecting the mobile phone, you can set this option to try
- 9.Background mode: The UI of the box is not displayed by default, and when the screen is displayed after some cars are connected to the mobile phone, you can open this option to try
- 10.Feedback: When there are some problems in the use of the box, if the user is willing to cooperate with technical debugging to modify the problem, you can click on the feedback to fill in the relevant model information and the problem phenomenon description, and submit the relevant problem log after filling in, Successful upload of logs will have corresponding prompts

### 4. Online upgrade instructions

Suggestion: Car machine with high screen resolution, in order to ensure that it can be upgraded normally, it is recommended to disconnect the carplay connection first, and then turn off the mobile phone Bluetooth, the mobile phone is connected to the box wifi separately, and then the online upgrade operation is carried out, otherwise the upgrade may fail.

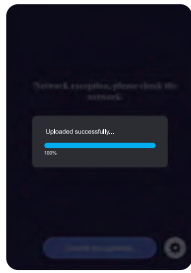
A.The online upgrade requires the iPhone to connect to the wifi sent out by the box that needs to be upgraded, and the phone can access the Internet normally (that is, the iPhone opens the cellular data to use traffic to access the Internet) (Figure 002)

B.Then through the Apple mobile phone that needs to upgrade the box wifi, enter the URL in the browser: 192.168.50.2 to enter the online upgrade page (Figure 003) C. The online upgrade interface has a new version click to update (check the update once there is no new version that is not updated) (Figure 004)

C.Please do not power off or perform other operations during the upgrade process, so as not to cause the box to be unusable due to upgrade errors, and the box will automatically disconnect and restart the box after the upgrade is completed (the upgrade progress bar on the mobile phone will run to 100% to prompt the upgrade to complete). (Figure 005) (Figure 006) (Figure 007)

E. After the upgrade is completed, wait for the box to automatically restart in the reconnection, after the connection is normal, you can enter the webpage again to see if the version is up to date, if you are prompted that you have the latest version.

As shown in the figure:



FCC Caution:  
Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.  
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.  
FCC 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& your body.