

User Manual

For CIC



1. Functional Statement



CarPlay / Android Auto

The built-in vehicle machine interaction system of iPhone cooperates with the central control knob button to provide voice command and control of phone, information, navigation, music, to operate Siri voice interaction to obtain more information; Support wireless and wired connection Carplay Android Auto. Support voice control of phone, information, navigation.

Reversing Video Input

Smart module can decode video and can be equipped with rear-view video input (The intelligent module can decode video and install rear view)

Mirroring

Supports wired & wireless mirroring functions for iphone and Android phones

USB Video Playback

Automatic media playback function, can be directly inserted into U disk to play video and audio media

2. Toggle Switch Setup

2.1 Choose the toggle switch setup by the size of your car's screen

Car Model	6.5 inch screen	8.8 & 10.2 inch screen
1 Series		
5 & 7 Series		
3 & 5 Series		
6 Series		

Car Model	6.5 inch screen	8.8 & 10.2 inch screen
X1		
X3		
X5/X6		
Z4		

2.2 Where to find the toggle (DIP) switches?



2.3 Set the toggle switch settings according to the size of your car's screen ■

for 6.5 inch screen

dial setup 2



Smart Link System

	1	2	3	4	5	6	7	8
Off	✓		✓	✓	✓	✓	✓	
On		✓						✓

for 8.8 / 10.2 inch screen

dial setup 2



Smart Link System

	1	2	3	4	5	6	7	8
Off			✓	✓	✓	✓	✓	
On	✓	✓						✓

3. Wireless CarPlay Connection Method

Wireless Connection Method:



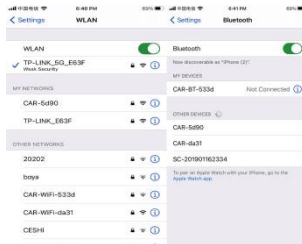
Step 1

Select "Bluetooth"



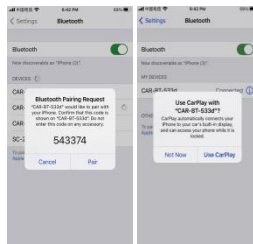
Step 2

Check the Bluetooth Device name as "CAR-xxxx"



Step 3

Turn on WIFI and keep it on, then back to Bluetooth to connect CarPlay



Step 4

Select Bluetooth Device name as "CAR- XXX" - Pair- Use CarPlay while that pop up a request window

4. Apple Wireless Screen Mirroring



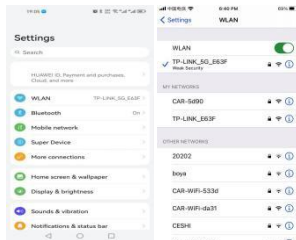
Step 1

Select "AirPlay"



Step 2

Turn on the phone, select the "Wireless LAN" option, the search bar will show the "CAR-WIFI-XXX" and click the link, the password is 66668888



Step 3

After the WiFi connection is successful, return to the main interface of the phone, open the shortcut menu page, select "Screen Mirroring" and turn on



Step 4

After the mobile phone "Screen Mirroring" is turned on, select "AirPlay" to complete the wireless Screen Mirroring

5. Wireless Android Auto Connection Method

Wireless Connection Method:



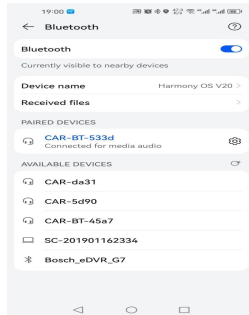
Step 1

Select the "Bluetooth"

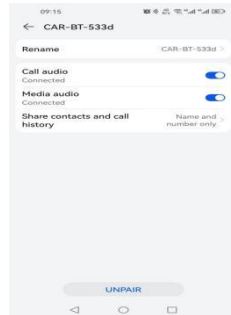


Step 2

Check the Bluetooth name starting with "CAR-xxx" in the Bluetooth interface



Click on the Bluetooth name beginning with "CAR-xxx". A pairing request will pop up, just click Pairing. After the Bluetooth pairing is successful, follow the Android Auto connect process on screen.



Step 4

Click the Bluetooth name at the beginning of "CAR-xxx" and click pairing. Turn on the Android auto app on the mobile phone, and the system will connect automatically.

6 . Android Wireless Screen Mirroring



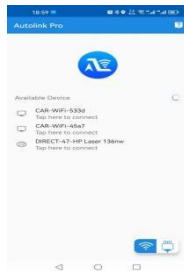
Step 1

Android phone scan and download the Auto Link by using the Browser



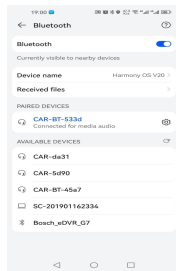
Step 2

Switch the WIFI Auto Link to “ON” in the Settings page



Step 3

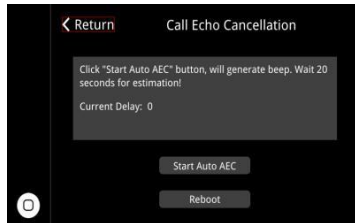
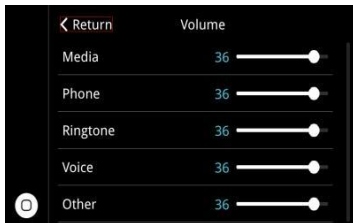
Open the Auto link software you downloaded, search “CAR-WIFI-XXXX” and connect, then click the “START NOW” on the phone prompt box.



Step 4

The media sound of AutoLink need to connect with Bluetooth.

7. Audio Settings



Call Echo Cancellation:Steps:

Settings-Audio-AEC Delay,then click the button “Start Auto AEC”.

If there is an echo when in phone call. Please click this button for echo correction.When correcting the echo, we must :

1. Keep quiet in the car;
2. Turn the volume to a moderate position, and then click“Start Auto AEC”.
3. Wait 20 seconds for estimation complete.

8. Kit Contents

8.1 Cables and accessories



CarPlay decoder box



Power cable harness



LVDS cable



WiFi antenna

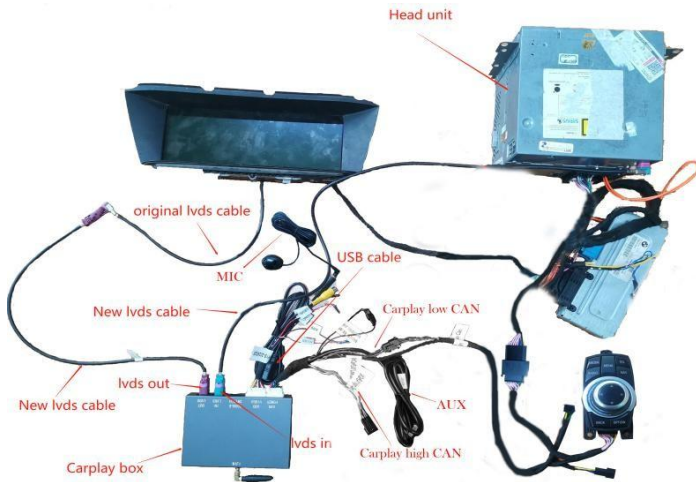


USB-AV cable



Mic cable

8.2 Cable connection chart



Please follow the connection chart accurately (detailed instructions below).

After the cables are all connected, you will be able to switch between the original BMW and the CarPlay interfaces by long pressing the "MENU" button on the iDrive knob.



8.3 LVDS cable connection

- 1) The ORIGINAL LVDS cable goes from the HEAD UNIT to "LVDS IN" of the CarPlay box.
- 2) The NEW LVDS cable goes to THE SCREEN from the "LVDS OUT" of the CarPlay box.

Note: Connecting the LVDS cables incorrectly will result in a black screen!

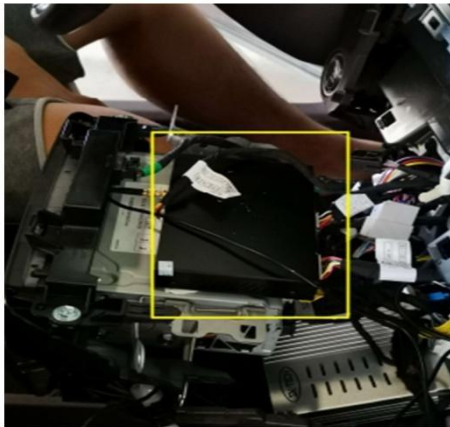


8.4 WiFi antenna and USB-AV cable connection

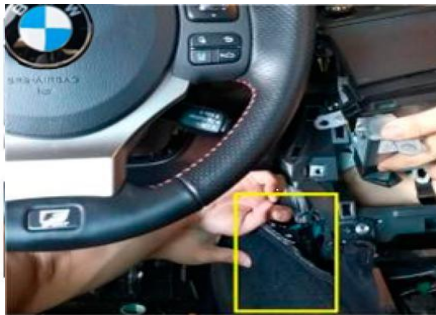


8.6 The CarPlay interface decoder box should be installed in an appropriate space near, or on, the OEM head unit.

on the OEM head unit



Beside the OEM head unit



9. CarPlay Decoder Sound Setup

9.1 Bluetooth settings

If your phone already has a bluetooth connection to your car, disconnect it.

9.2 AUX Connections

There is no need to connect the EXT-AUX cable to your car AUX port, unless your car is a BMW 3 / 4 series or a 1 / 2 series.



9.3 AUX Settings

Before using the CarPlay system, you need to set the sound input on your OEM interface to "AUX", otherwise the CarPlay /Android Auto system will have sound!

9.3.1. On the original BMW System, navigate to the "Multimedia" menu and click "External devices"



9.3.2. Click on "AUX front" to activate it.



9.3.3. Keep the setting in the original BMW system on "AUX front"



9.3.4 Long press the “MENU” button from iDrive knob to enter into the CarPlay Decoder main interface.



9.3.5 Which steering wheel control buttons work?

The CarPlay interface decoder box supports the voice control button, the telephone button, the next song, prev song buttons and the volume “+” and “-” buttons. The other buttons are not supported.



Tip:

before contacting us, please help us to collect the following information.

1. the order ID
2. the car model
3. the year of the car
4. screen size of the car
5. the toggle switch setup
6. pictures about the LVDS cable connection
7. the software version (in the CarPlay decoder menu, enter into the "Setting", choose the "System Version", you will see the software version.)

FCC STATEMENT

1. 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.
2. 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.

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