

Qualcomm Android Navigation User Manual

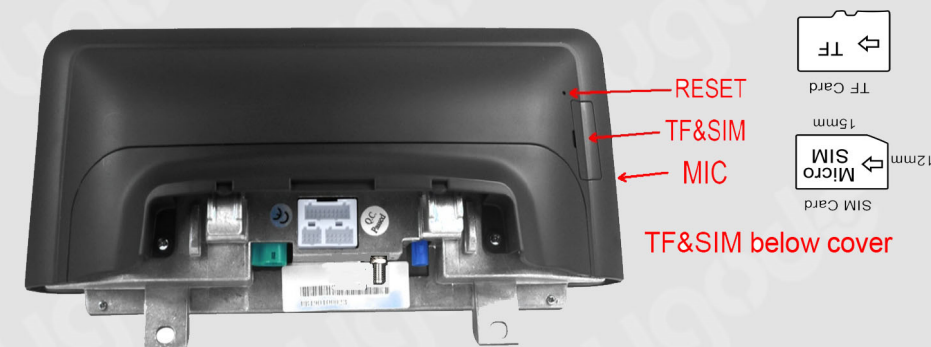


For Models: UB series

Version: V0.6

Catalogue

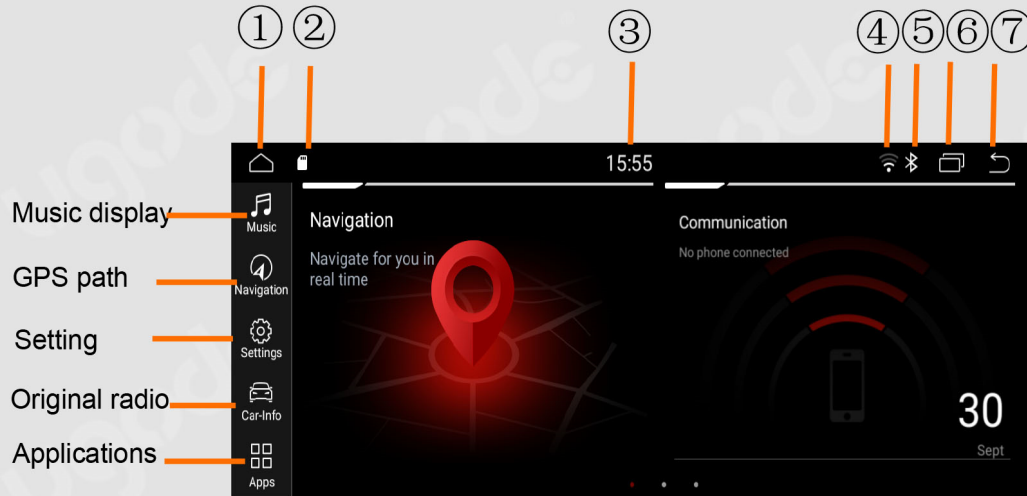
Main menu.....	1-2
Navigation settings	
Bluetooth Phone call and Music.....	3-4
Bluetooth Connection	
Bluetooth Music	
Bluetooth Settings	
Music player.....	5
Music options	
Video Player.....	6-8
Video format	
Video options: PIP; Split screen	
Original Radio	9
Dashboard Application	10
ES file and Carplay (Z-link) operation	11-12
DVR and 4G LTE.....	13-14
Auto car Rear view camera connection and setting	15-16
Manual car rear view camera connection and setting.....	17-18
iDrive and Steering wheel control operation	18
Settings.....	19-22
GPS path, Language, Time, Audio, Camera Setting	
Factory setting, Android setting, System info	
Specifications and Accessories	23-24
Digrams and Factory recovery	25-26
FAQ.....	27-32
Radio not display; Android no sound;idrive no work	
Attention when install or setting	



Main Menu

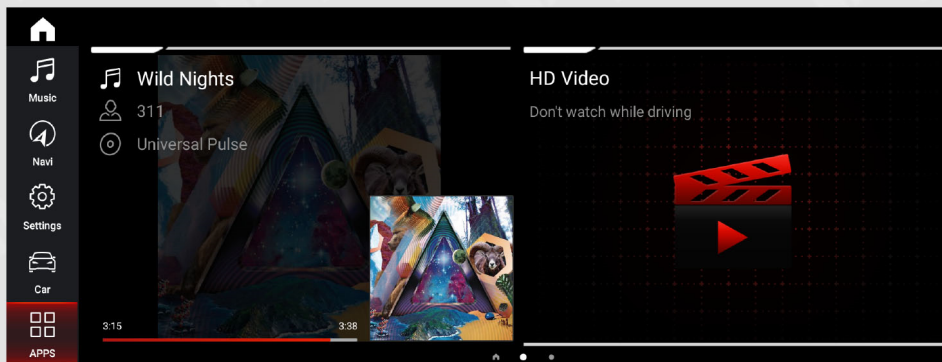
1.Main Menu

First Page :GPS & Bluetooth

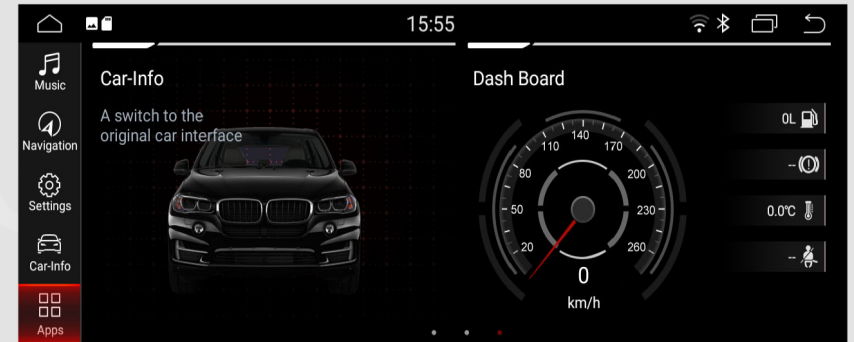


- | | |
|--------------------------------|------------------------|
| 1.Back to Main menu from other | 4.Wifi signal |
| 2.TF card or USB notice | 5.Bluetooth |
| 3. Time display | 6. Multi pages display |
| | 7.Back to last page |

Second Page : Music & Video



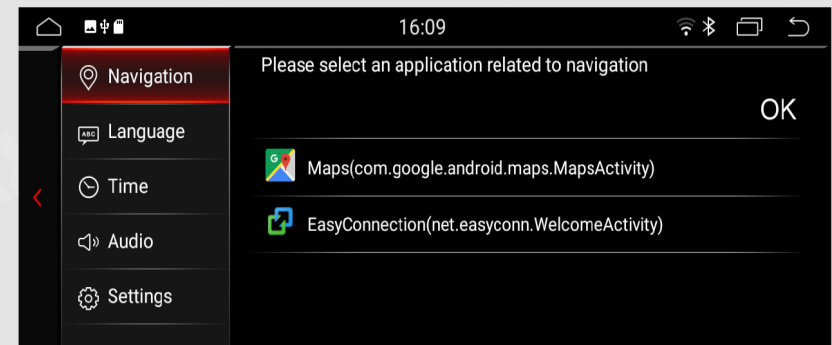
Third Page :Car Info(original radio system) & Dashboard



2. How to use Navigation

2.1 GPS path set for first time:

Press Navigation on left, choose map software, OK



2.2 Enter GPS map

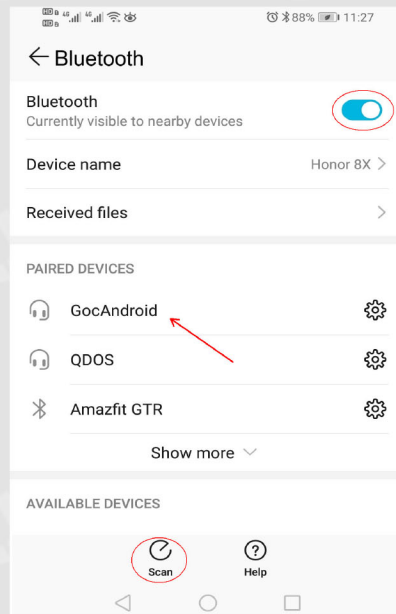
Click icon "Navigation",access into Navigation function.

Bluetooth: Telephone call and phone Music

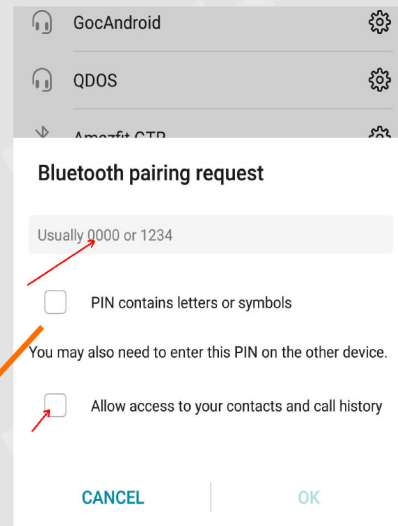
1. Bluetooth Connection

Please only pair Mobile to one of android or original BT, not two at same time.

1.1 Turn on the Phone Bluetooth and scan for Bluetooth devices and match it



Default Device name: GocAndroid
Password: 0000

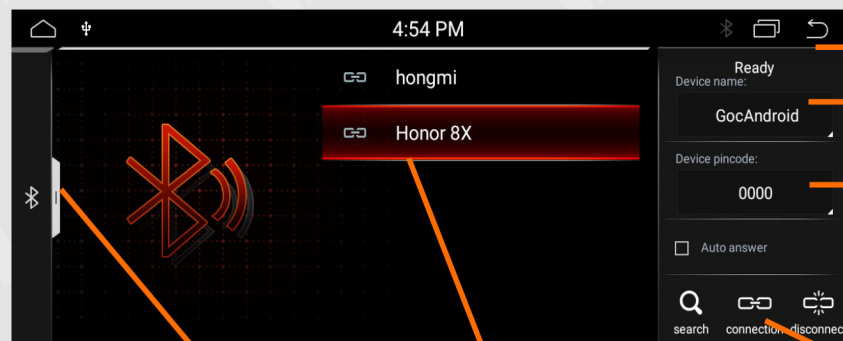
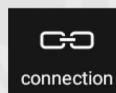
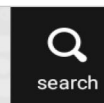


1.2: Press Search on menu to pair with your phone bluetooth

Press Your phone name on the list, press connection icon

Enter 0000 and Confirm on your mobile

It will shows connected, and ready to call



Statue

Device name

Password

Press your mobile bluetooth name and press this icon to connect

Press this bar to open and close the functions list

2. Making a Phone CALL

Press Dial to show the numbers, choose phone Numbers and dial out



3. Missed/Received call record list

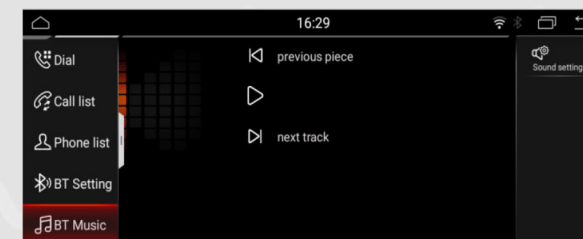


4. Phonebook

Download phonebook, and name searching

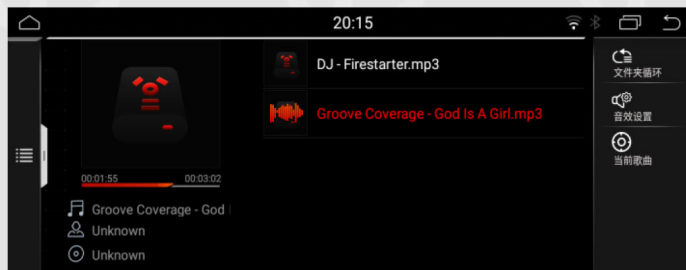


5. Bluetooth music(*Phone should have Music Player and turn it on.)

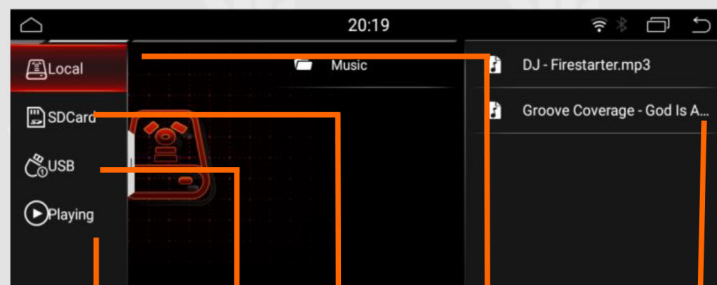


Music Player

1. Player interface



2. operating instructions



3. Music Format

Support Format

APE/FLAC/WMA/AAC/OGG/RA/WAV/MP3/MP2

HD Video Player

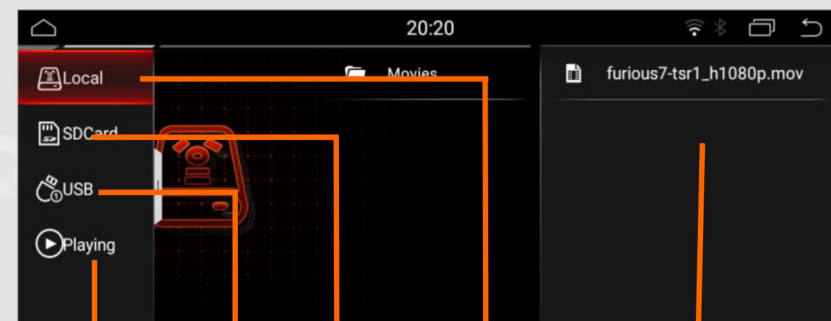
1. Video Format

H.263/H.264/MPEG1/MPEG2/MPEG4/RMVB/AVI/WMV/3GP/MP4/MOV
/MPG/VOB/MKV/FLV/TS/TP/DAT

2. Video player Interface



3. Operation Menu



4. Picture in Picture (PIP) & Full Screen



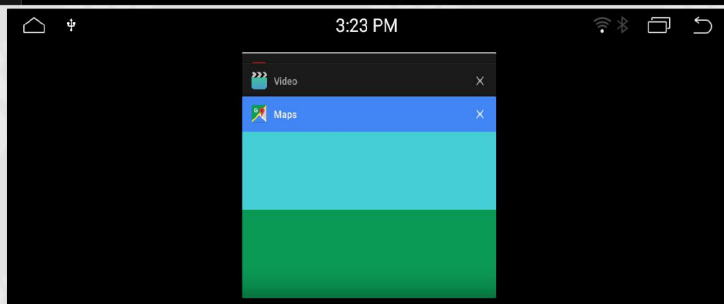
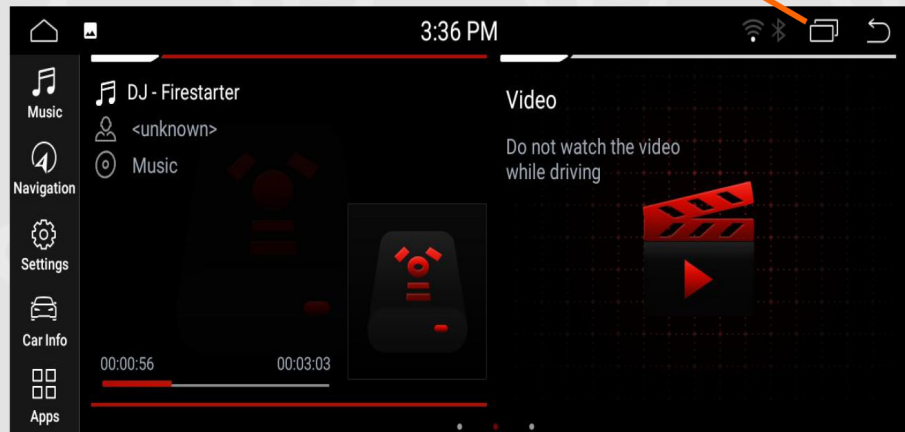
Touch it and Play video in full screen

Click it for achieving the PIP function.

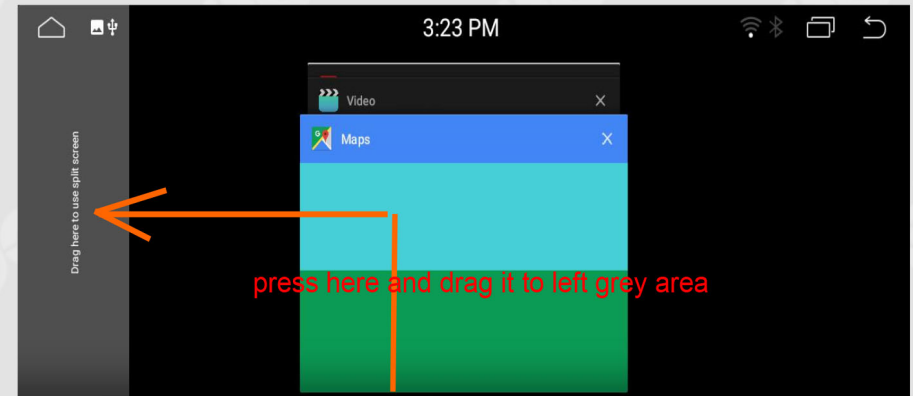
Watch Video in other menu,such as navigation.

5 Split Screen

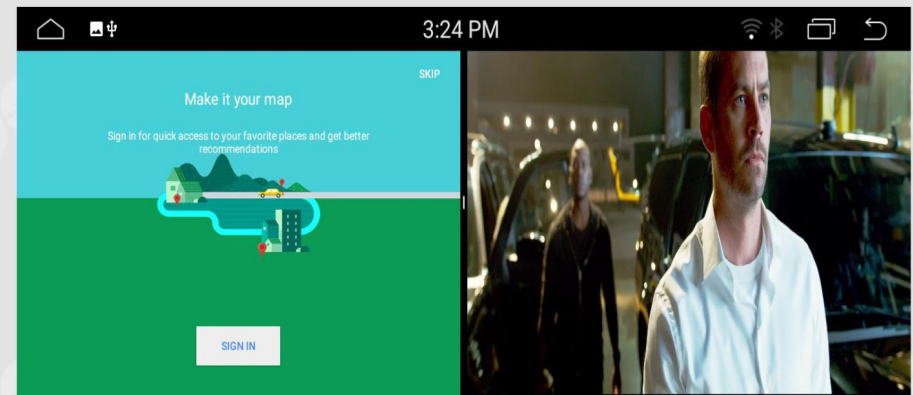
5.1 Press menu key on the right top corner in main menu or other menu .



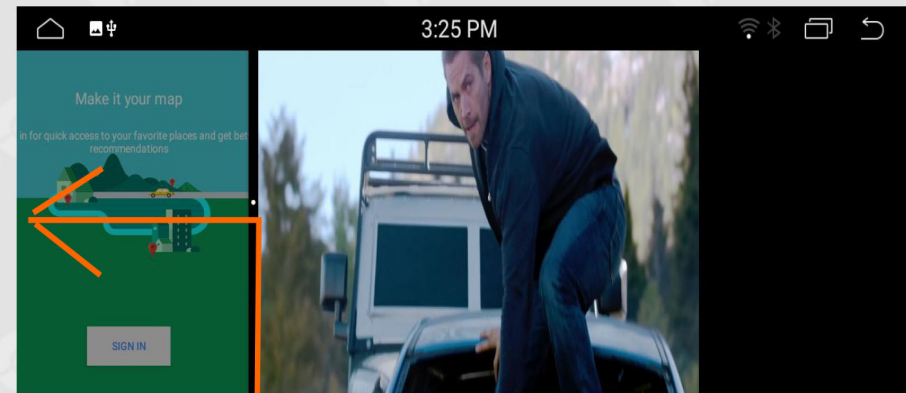
5.2 Long press on any program, there is tips beside, drag the program to tooltip.



press here and drag it to left grey area

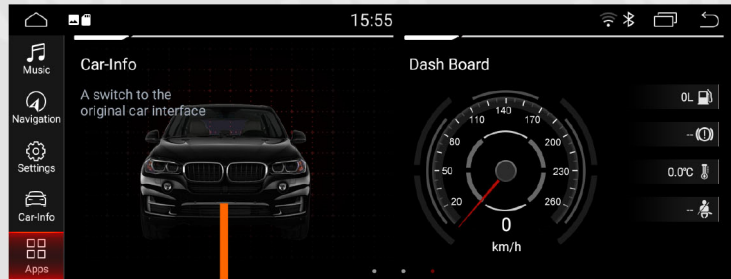


5.3 Press the middle white point and drag to left or right direction to exit split screen



Original Radio System

1. Original Car info



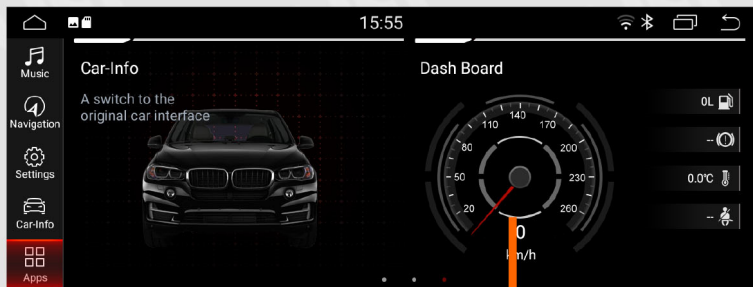
Click it and into OEM MENU

In original OEM menu, no touch function but control by IDRIVE



2. Dashboard

(Only show the data ,not change the driving mode of the original car)



Click it and into Dashboard app

Dash board & Application

Door information



Color set

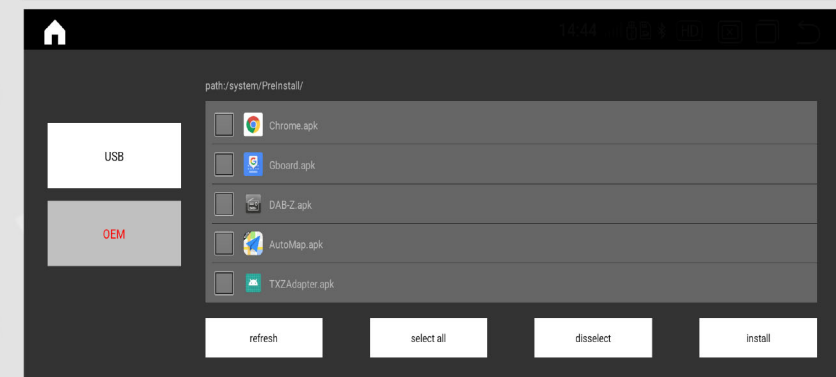
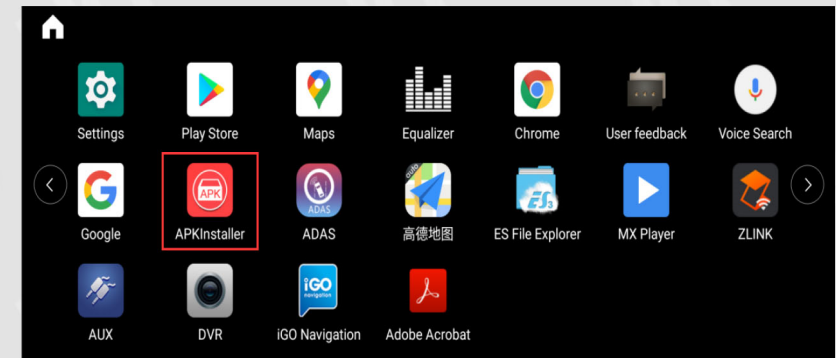
Seat belt Reminder

3. Application

3.1 Choose Apps icon on main menu to enter into the Apps

3.2 Long press the App icon to uninstall the application

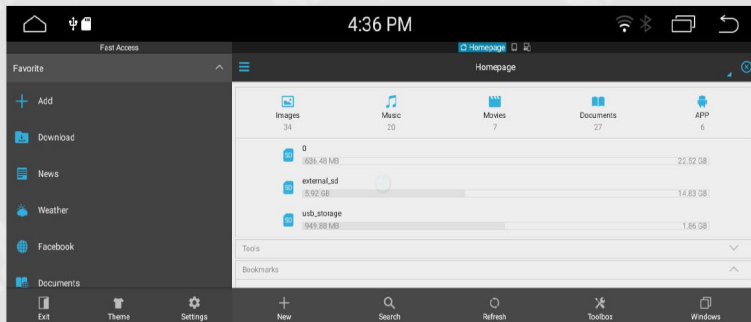
3.3 Install new application, choose APK in playstore, or choose APK in APKInstaller from system(OEM) or USB disk



Carplay and Android Auto (Optional functions)

4. ES File Explorer

You can enjoy music video from USB or TF card, read files
Please dont delete the system files in 0 folder(system storage)

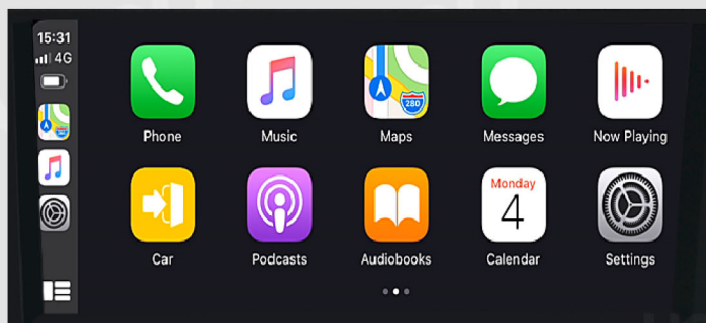
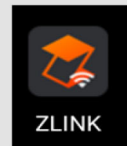


4. Wireless Carplay function

Operation:

1. Pair iPhone bluetooth to android, turn on iPhone wifi;
2. Choose "ZLINK" in apps,it will enter into carplay menu.
3. Agree notice on mobile.

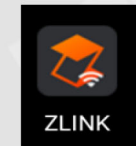
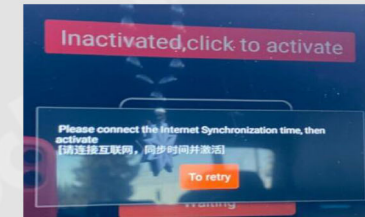
*Please NOT connect iPhone or android mobile to Android USB cable.



* Pair iPhone with android BT, not pair original BT at the same time

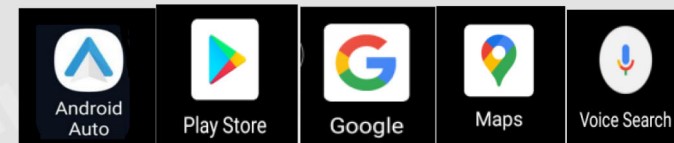
* When use wireless carplay, android WIFI will turn off.

4. If you do factory recovery, and Z-link shows Inactivated, please connect the internet via wifi, and it will be activated to work, if still not working, need to un-install it first and install the Z-link Apk again in ES file.

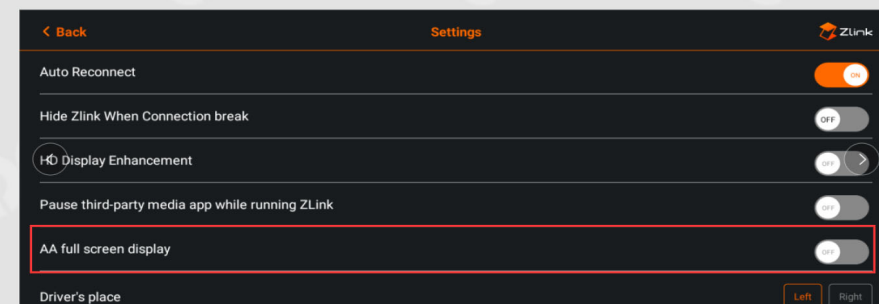


5. Android Auto (USB data cable connection):

1. Install Android Auto App into mobile .
2. Install the Apps- Playstore, Google, Maps, Voice Search into mobile also.
3. Connect mobile to android screen USB port via USB data cable, enter into Z-link App. please note it is to connect android USB, not original car USB input.



belowing is the settings (if you want full screen, please choose AA full screen display).



Note:if it cant connect, replace another USB data cable or change a USB port.

* Need to connect a DVR device for this function, it is not builtin.

1. USB DVR Connection

Connect USB DVR with USB connector, install APK of DVR.

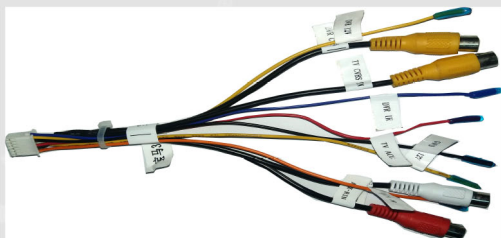
- 1) Connect USB Cable with android device.
- 2) Connect USB DVR with USB connector,



2. CVBS DVR Connection

CVBS DVR: Connect the RCA connector with Device,

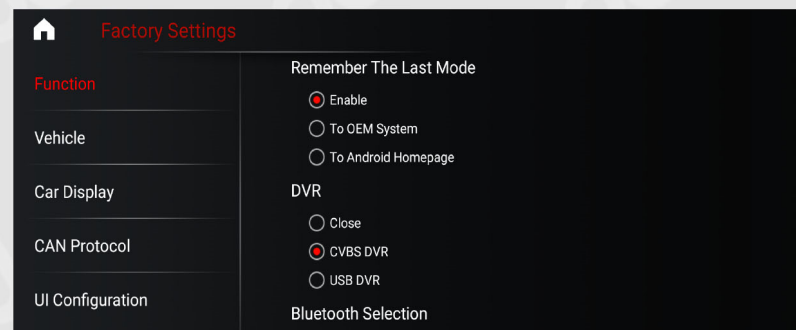
- 1) Connect "DVR 12V " Cable to DVR power;
- 2) Connect "CVBS IN" to DVR output.



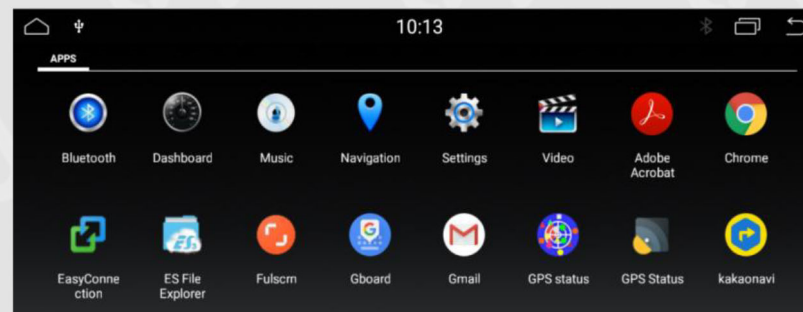
3. Settings

In Factory Settings

- 1.USB connect DVR choose option: USB DVR
- 2.CVBS type DVR, choose option CVBS DVR



After installing, click the DVR icon in Apps.,



*Tips:

- 1) If you want use DVR function, please order DVR from us.
- 2) If you installed the DVR from other suppliers, it maybe not work
- 3) what DVR you use, it determines the sharpness of images.

*4G SIM Card: Please Insert 4G sim card first, then power on unit.

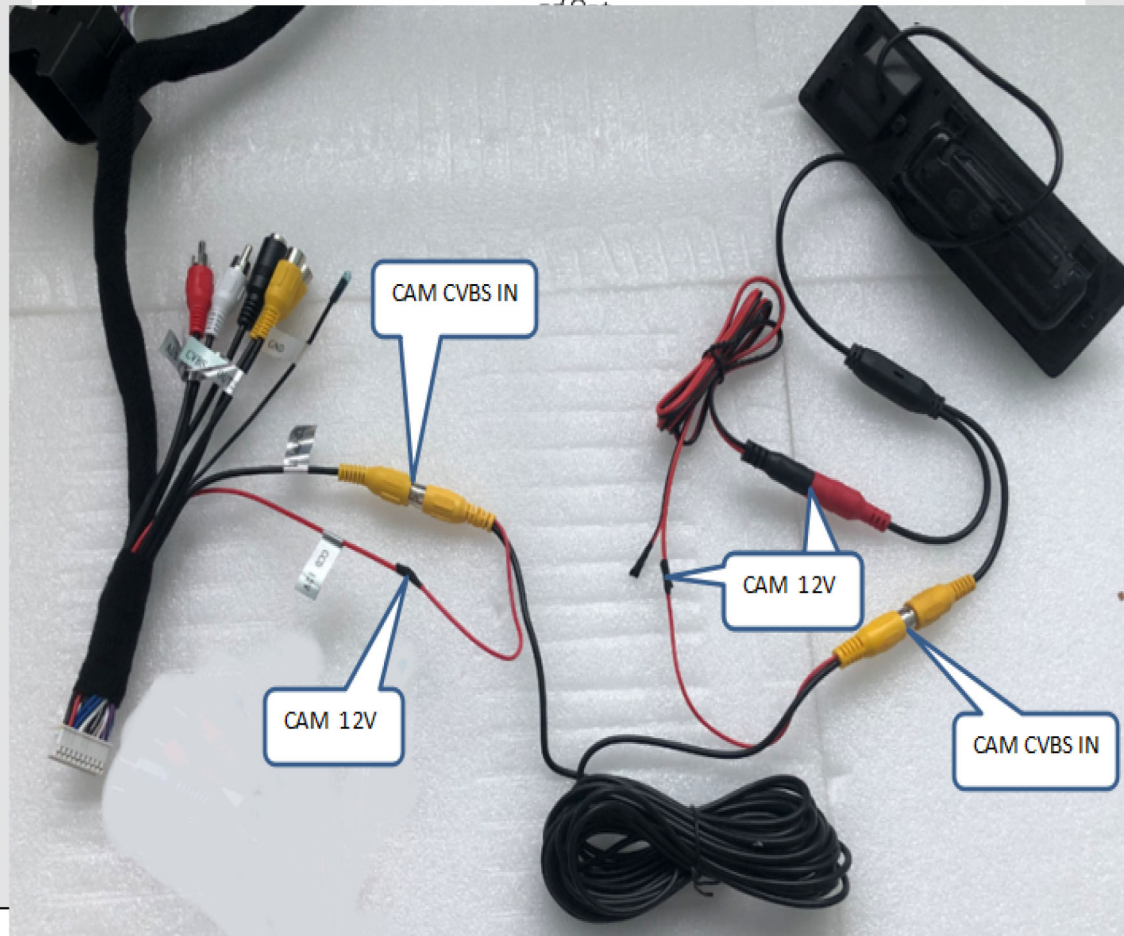
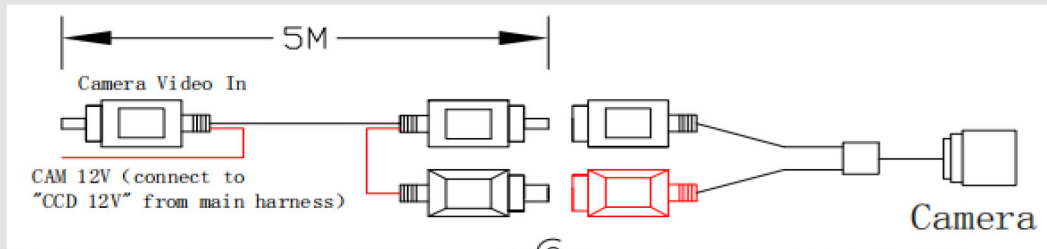
If insert SIM card when the unit is on, need to restart unit again.

Auto Gear Car Camera Wiring and setting

If you need check the reversing info, Car should be with camera.
Support Original camera/Aftermarket camera/and 360 Camera

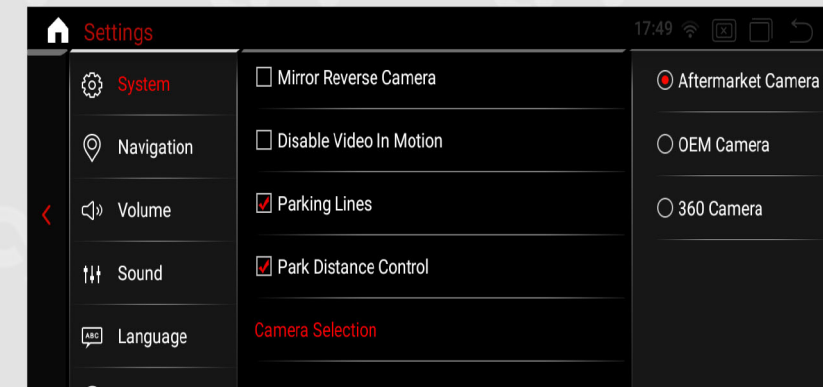
1.Camera Connecting

Aftermarket camera connect to CCD12V and CCD CVBS IN

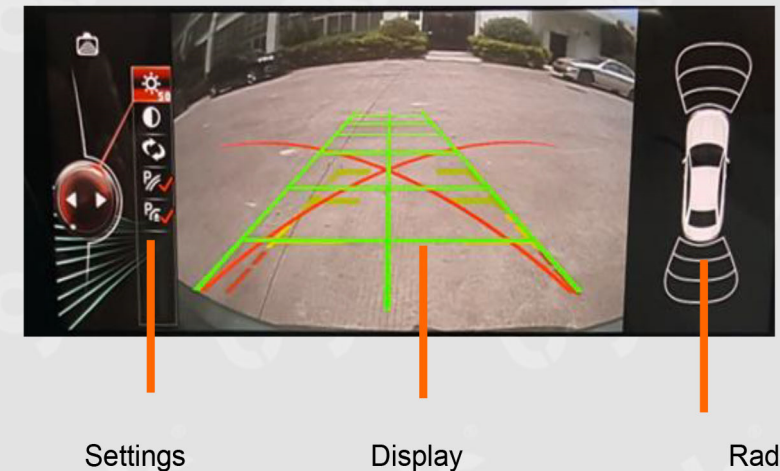


2.Camera types

Choose the correct option in settings.



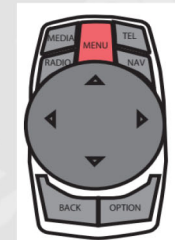
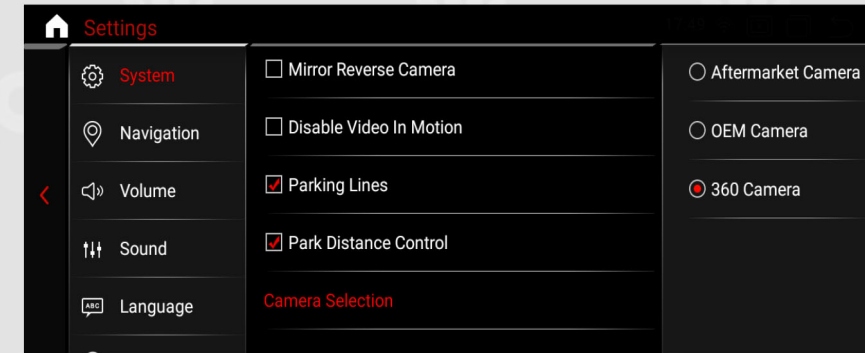
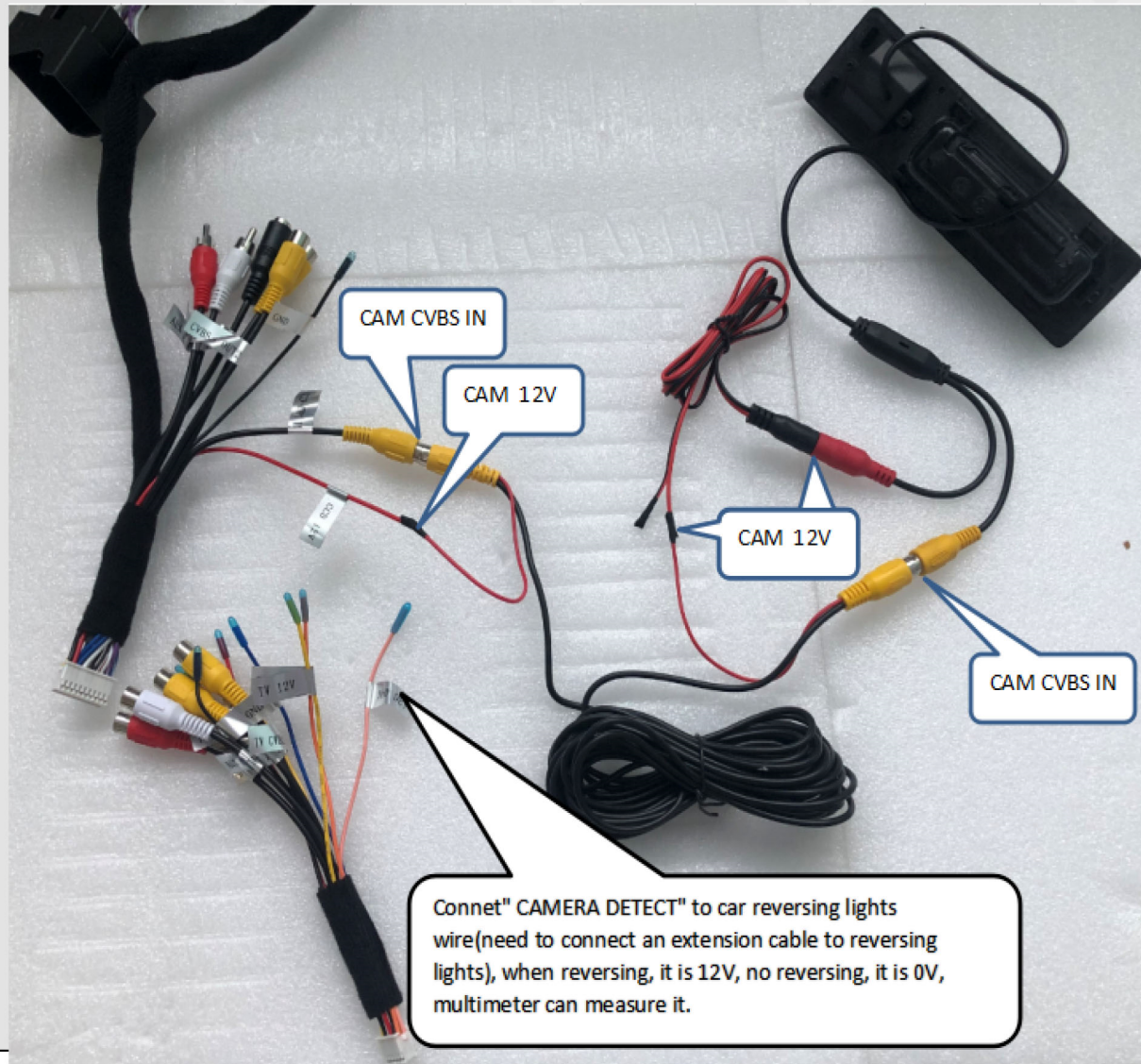
3.Reversing camera



You can settings the Brightness/contrast and the path line/Radar
Only can show the display of Radar if the original car with Radar.

Manual Gear Car Camera Wiring and setting

1. Connect "CCD CVBS IN" on wire harness to the video wire of rear camera.
2. Connect "CAM 12V" on wire harness to the power supply of rear camera.
3. There is a wire "CAMERA DETECT" on AUX which is to connect car reverse lights.
- 4 In setting to choose "360 camera".



iDrive operation

Long Press Menu on iDrive to switch car system and android system

Long press NAV button to original gps system, short press to android gps

Rotate the knob to select functions, press to confirm

Steering Wheel Control

It can control some functions in Android system

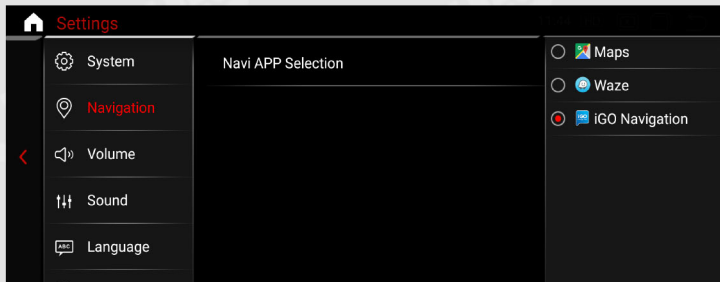


Settings

Please make the setting according to your need.

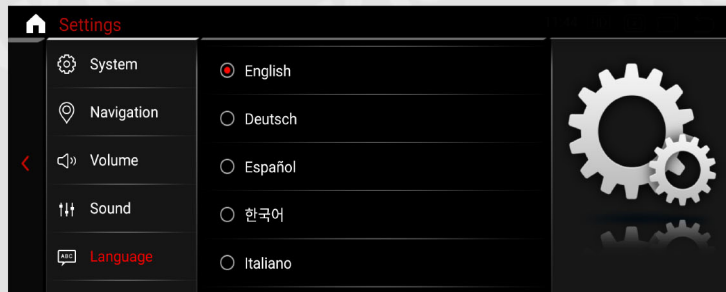
1.Navigation Settings

Choose the Navigation Application you need.
Enter the map directly from main menu



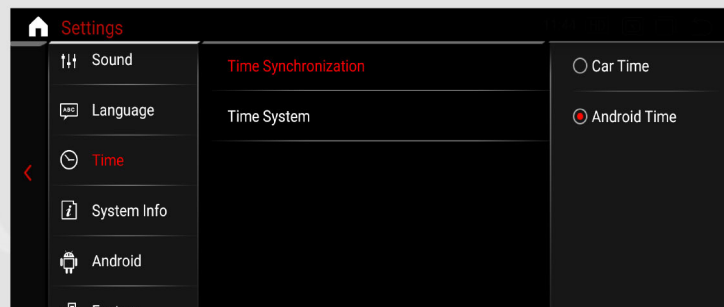
2.Language Settings

More languages choose from android setting

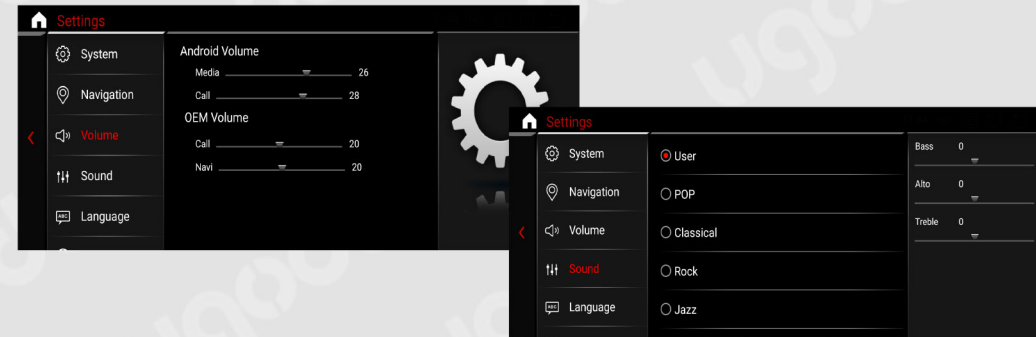


3.Time

Time according to GPS or Original system, default is GPS time



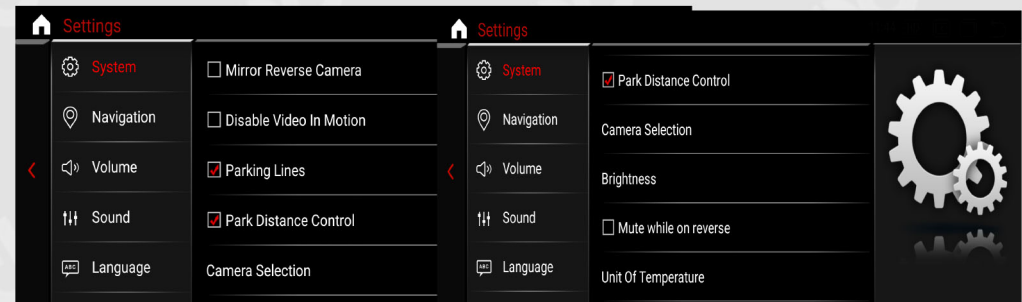
4.Audio



Please set it according to the preference of the customers.

Volume usually set from 20-30. if you cannot hear sound, please increase the volume

5.System Settings



Mainly for the following Settings

- 1) **Open and close track and radar for parking**
- 2) Dnisable Video in Motio
Block video while driving. if no video while driving, please set here.
- 3) Rear view camera type
Choose according to actual: original, aftermarket or 360
- 4) Brightness
Please keep the Default brightness. If set it too bright,the screen will be heat.

Settings

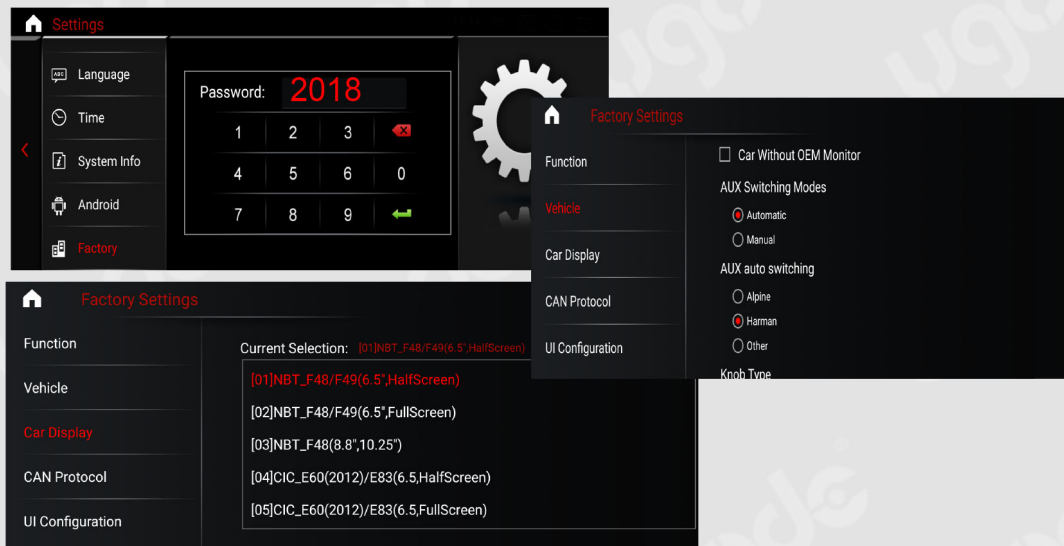
6. Factory Setting: (code:2018)

Password 2018, Double-click Cartype (NBT , CIC or CCC) in the list, it will pop up a window, confirm it, return to check if it work on original system. if not,please choose another cartype, Cartype here are listed according to original screen size and radio system (NBT , CIC or CCC), not car models.

AUX switching: If car has no Aux hole such as NBT, set Auto switching as default.

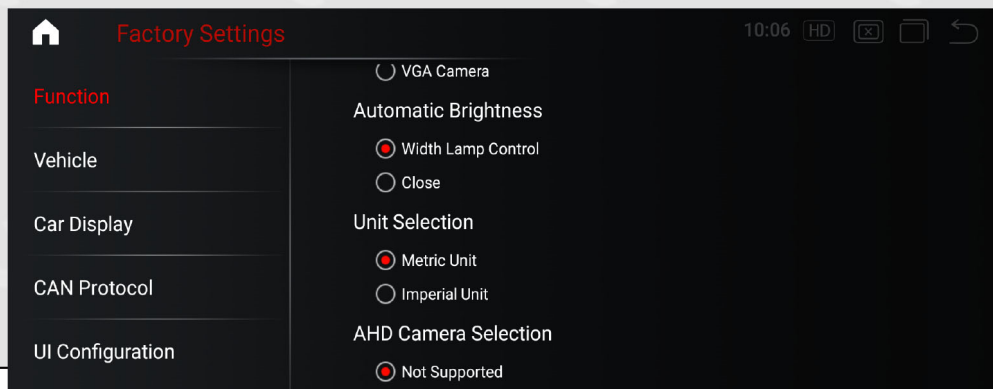
If no sound, and your car has AUX hole,change to manual switch to get sound

Please don't change other factory setting, avoid problems.

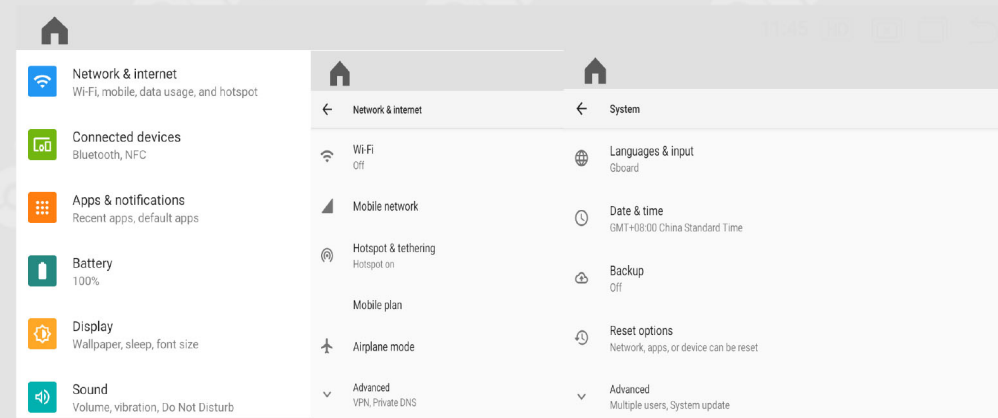


7. Unit for KM and MPH : Factory setting--Function--Unit Selection:

Metric Unit and Imperial Unit. Don't change other setting! Or else cause issue.

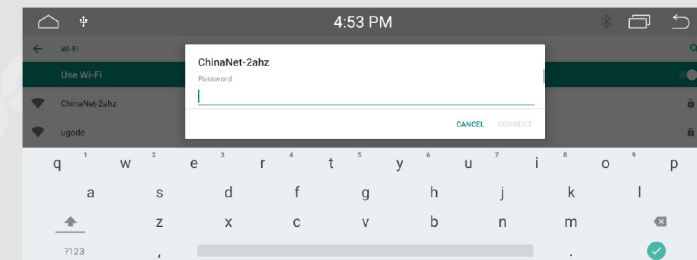


8. More Settings

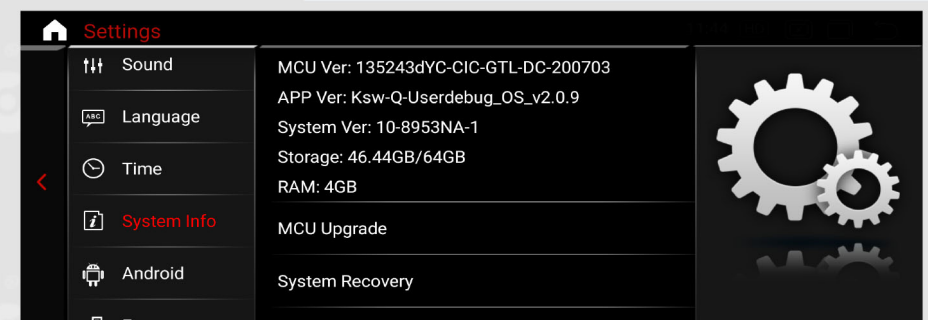


*Note: Please do not revise the settings if you were not a professional.

1. Wifi in Network&internet : turn on wifi, it will search network nearby,you can open your mobile hotspot, press name of network,enter password and pair with it to on line
- 2.Display font size can be set
- 3.More languages, time zone, can be set in system



9. System info



System info is the version of the Device.and Convenient for after-sale identification.

Performance introduction Qualcomm snapdragon Introduction

- CPU: snapdragon 625 (MSM8953) 8 core A53, clocked at 2.0GHz, 64bit processor • Process: 14nm LPP
- GPU: Adreno 506 (650MHz)
- Support full Netcom 4G network: LTE Cat 7 (downstream, maximum 300Mbps; uplink, maximum 100Mbps)
- Storage: EMMC 5.1, capacity 64GB
- Save: LPDDR3, capacity 4GB
- Supports 3 major satellite systems simultaneously: GPS, Beidou and Glonass
- WIFI: Support 2.4G b/g/n; 5G a/g/n/ac
- BT: BT4.1
- SD card: 1 way SD 3.0 (maximum support 128GB)
- USB: Maximum support for 4 USB 2.0
- System: Android OS
- Resolution: 1920*720
- Video: Support 4K Ultra HD video playback, H.264 (AVC), H.265 (HEVC)

WIFI specifications

- Support dual-band WIFI
- Frequency: 2.4G and 5G
- Frequency range: 2.4~2.496GHz, 4.9~5.85GHz • Rate: up to 433 Mbps (5G)
- Network standard: IEEE 802.11a/b/g/n/ac
- Support Wifi direct

- Channel: 22 (simultaneous tracking), 66 (search)
- Tracking sensitivity: -160dBm
- Hot start time: <5 seconds
- Cold start time: <35 seconds
- Positioning accuracy: <3 meters

Performance parameter

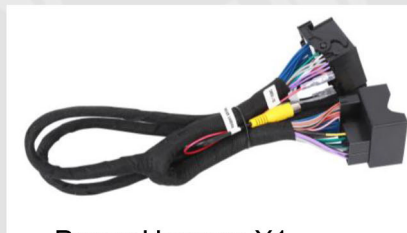
Working voltage: DC 10.8-14.8V

Working temperature: -20---+60° C

Android start-up time: <40 seconds

Reversing response time: <1 second

2. Accessories *RCA and Audio cables are used when necessary.



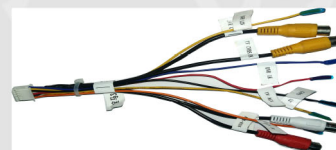
Power Harness X1



USB Cable X1



GPS Antenna X1



RCA Cable X1

(RCA cable is used to connect optional external device such as DVR or TV box etc if no such device, no need to connect it.)



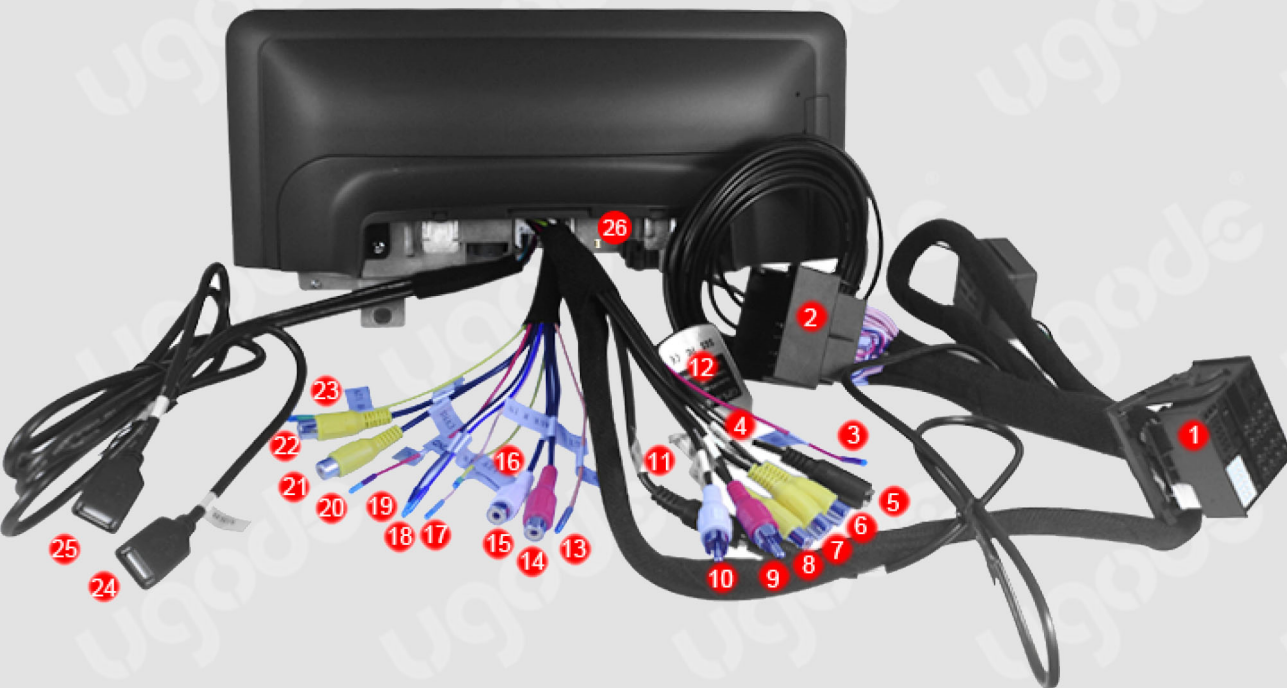
Audio Cable X1

(NBT need it only when car harness has no audio cables inside, many NBT car don't need it.)



4G Antenna X1

Diagram



- | | |
|--|--|
| 1. 40 Pin Female plug
(connect to the car stereo) | 2. 40 Pin Male plug
(connect to the factory radio plug) |
| 3. Camera 12V | 4. GND |
| 5. MIC | 6. CVBS OUT1 |
| 7. CVBS OUT2 | 8. Camera CVBS IN |
| 9. AUX-R IN | 10. AUX-L IN |
| 11. AUDIO OUT | 12. GPS Antenna |
| 13. CAMERA DETECT | 14. AUX R IN |
| 15. AUX L IN | 16. DVR-12V |
| 17. TV IR | 18. DVR IR |
| 19. GND | 20. TV ACC |
| 21. TV CVBS IN | 22. DVR CVBS |
| 23. TV 12V | 24. USB OTG |
| 25. USB | 26. 4G Antenna |

* 3 4 8 is rear camera connection

* 5 6 7 9 10 11 no need to connect

* 13-23 connect optional external device such as TV box or DVR ,
or rear camera for Manual Gear Car.

Factory recovery

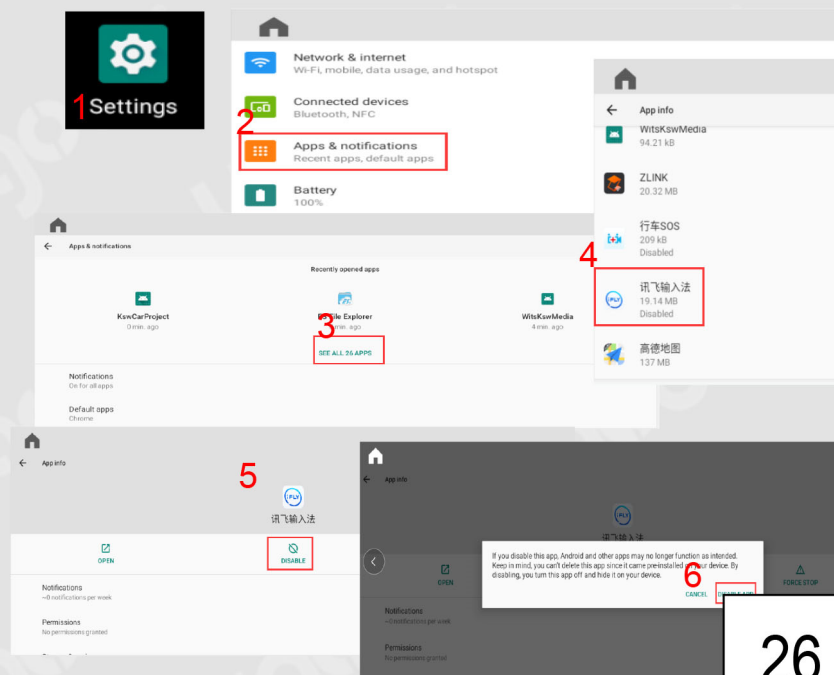
1. Please don't do factory recovery without instruction.

2.If there is issue, and engineer instruct you to do factory recovery, sometimes Bluetooth shows "Not activated", please connect the wifi to internet and power again, bluetooth will work.

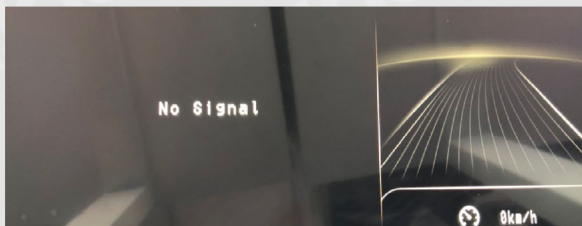
Carplay Zlink if shows need active after recovery, connect wifi to internet and power again to active it.

3.After factory recovery, there is default Chinese Input, if you dislike it, can close it as following steps:

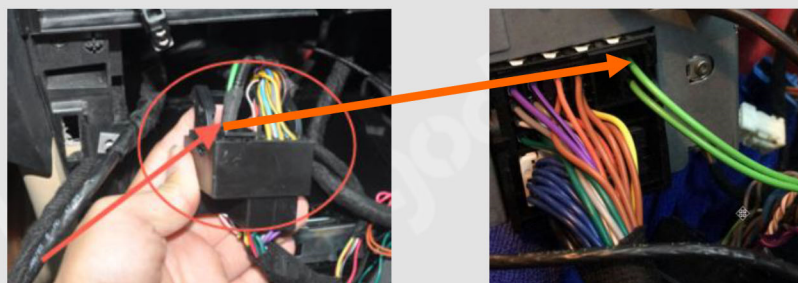
Android Apps-Settings-Apps¬ifications-
SEE ALL 25 APPS- 讯飞输入法 -DISABLE-
DISABLE APP



1.No signal on radio mode

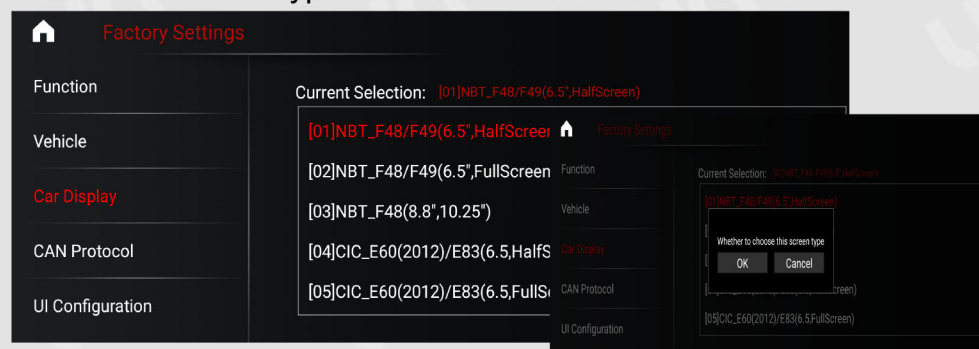


- 1.1 Turn on Car CD, if CD not work, check connection
- 1.2 Optical fiber switch: move the optical fiber from original harness to same position of android plug.



2. Radio Wrong Display or showing not correctly.

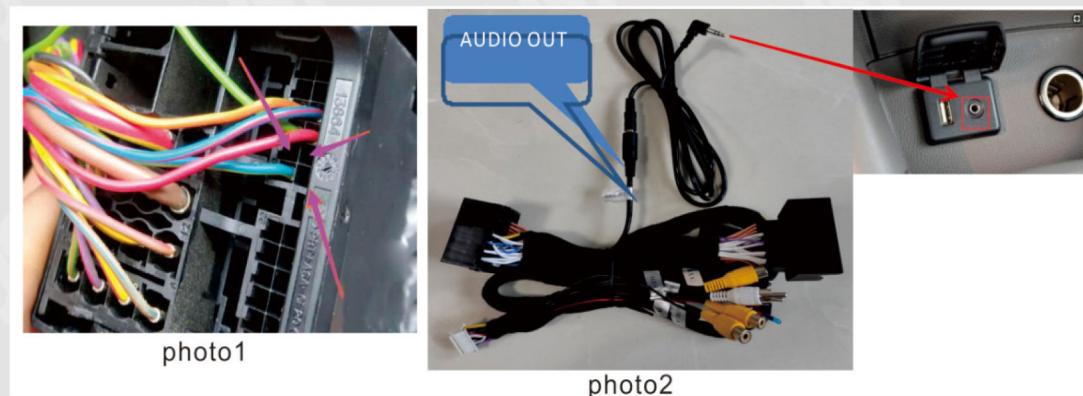
Car Type not correct, change another car type in factory set
NBT 3 car type, CIC 6 car type CCC 4 car type, ignore the model
Double choose the type and choose OK to confirm.



3. Android No Sound

3.1 Check if optical fiber switch and OEM radio display ok, then choose Original Radio-Media-Aux, touch screen and back to android music, sound should come out.

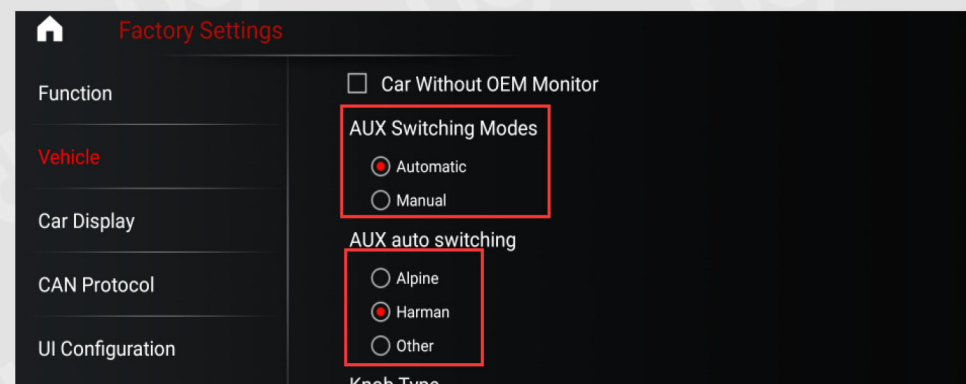
3.2 Check 3 cables in original power cable(photo1),It is AUX cables, if no such cables, need to connect Audio out cable to Aux input in car as photo 2
Usually NBT no need to plug Audio cable, CCC/CIC may need it.



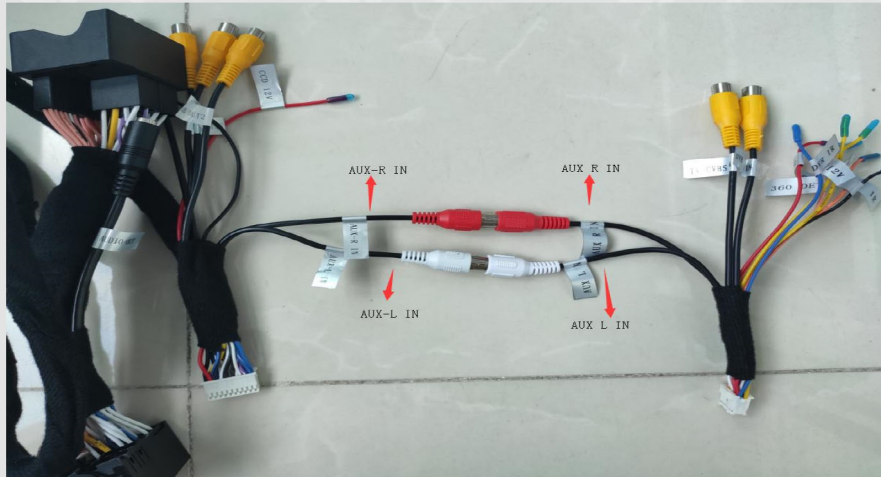
3.3 AUX switching mode : set automatic switching.

If plug audio cable, set manual switching.

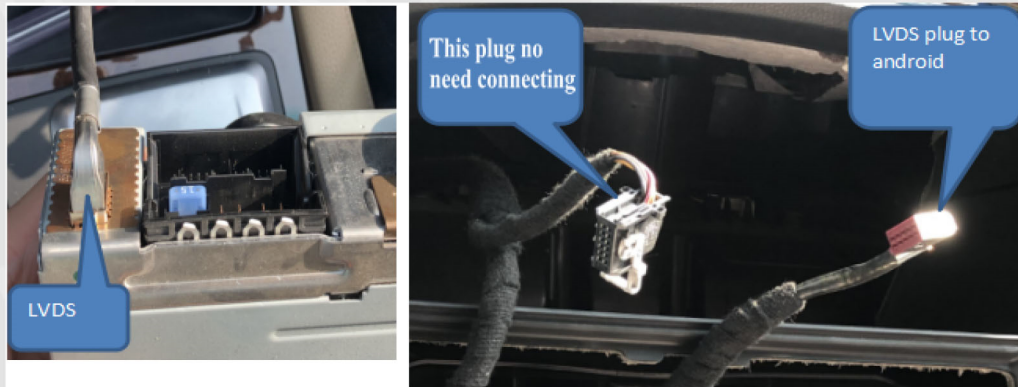
3.4 Change Origanl CD host brand to Harman (default Alpine) in factory set



4. If original power cable has AUX, and use AUX in armrest, just connec the cables as below, click the AUX icon in android for AUX function



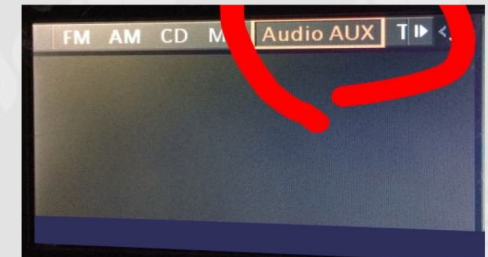
5. CCC cars: this plug no need connecting, LVDS plug to android screen.



6. For cars no screen, such as X1 E84 E90 E87,
Select "Car without monitor", others DON'T choose this, or radio not display
7. CCC car if idrive not work in Android,
Change IDrive-A IDrive-B in factory set, other cars don't change



8. If original CCC car audio has no AUX input, need to buy FM transmitter for sound or go to installation shop to activate AUX in menu.



9. GPS Antenna better install in back window, some front window has cover block the signal.
10. 4G antenna better put below glove box, far away from GPS antenna, if they are too close, it maybe black screen or flick.



11. If you use carplay function, each time power on, The priority is to pair carplay faster,
And Wifi will turn off, need to turn it on manually,if you want Wifi connection automatically after power on,
in Factory Set, remove the option of " Z-link ". then wifi pair automatically after restart unit.

