Qualcomm Android Navigation User Manual
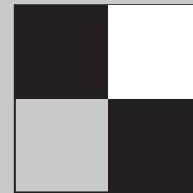
For Models：UB series

Version：V0.7

Catalogue

RESET

TF

MIC

TF Card

TF below cover

Main Menu

1.Main Menu

First Page   :GPS & Bluetooth

Music display

GPS path

Setting

Original radio

Applications

1.Back to Main menu from other
2.TF card or USB notice
3. Time display

4.Wifi signal
5.Bluetooth
6. Multi pages display
7.Back to last page

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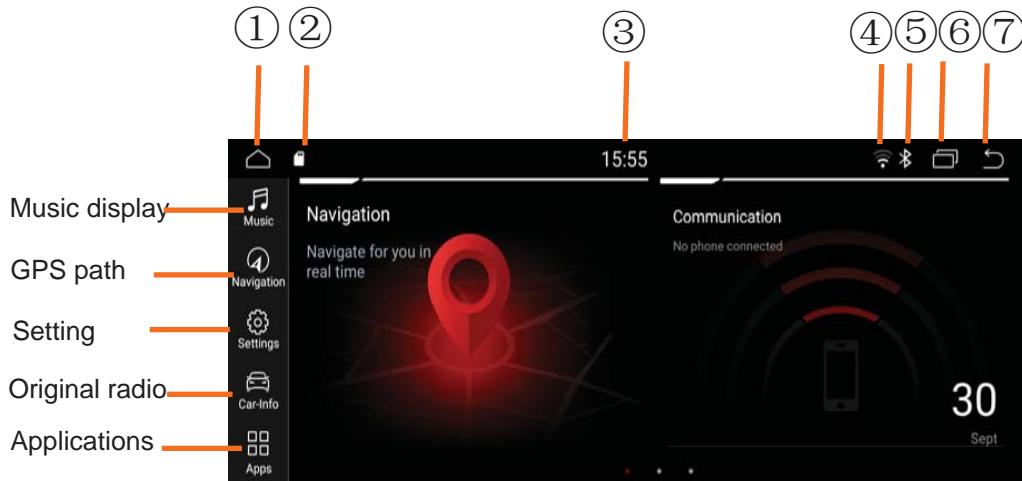
Third Page :Car Info(original radio system) & Dashboard

2. How to use Navigation

2.1 GPS path set for first time:

Press Navigation on left, choose map software, OK
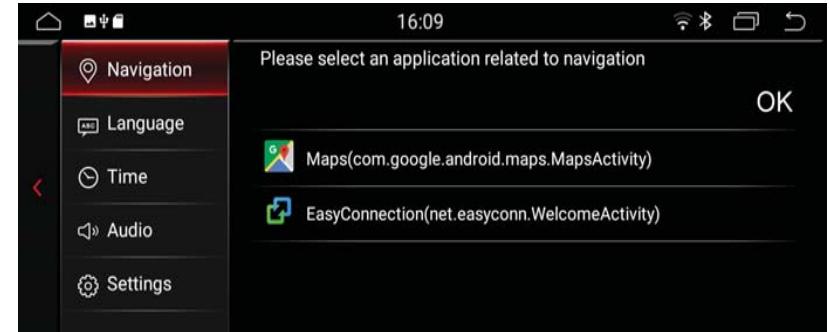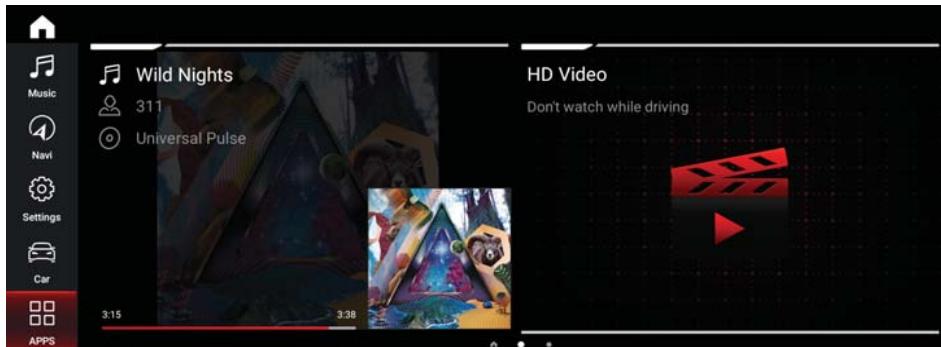
2.2 Enter GPS map

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.

* When use Android bluetooth Disconnect original bluetooth If you use original bluetotoh, Disconnect android bluetooth, not pair both

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

* There is Carplay(Zlink) function, when iPhone connect to carplay, Bluetooth will disconnected; and go to Carplay menu when calling

Default Device name: GocAndroid

Password：0000

If you want to use Bluetooth instead of Carplay, close iphone Wifi and pair bluetooth, or unstall Z-link app.
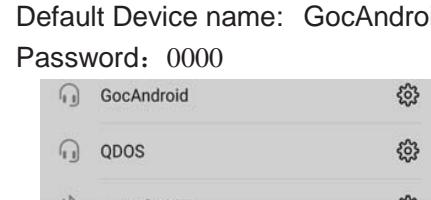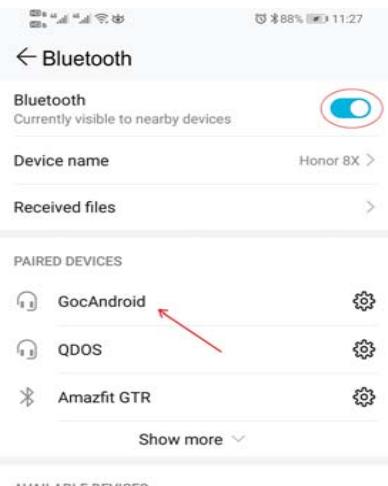
1.2: Press Search on menu to pair with your phone bluetooth

Press Your phone name on the list, press connection icon

search

Enter 0000 and Confirm on your mobile

connection

It will shows connected, and ready to call

Statue

Device name

Password
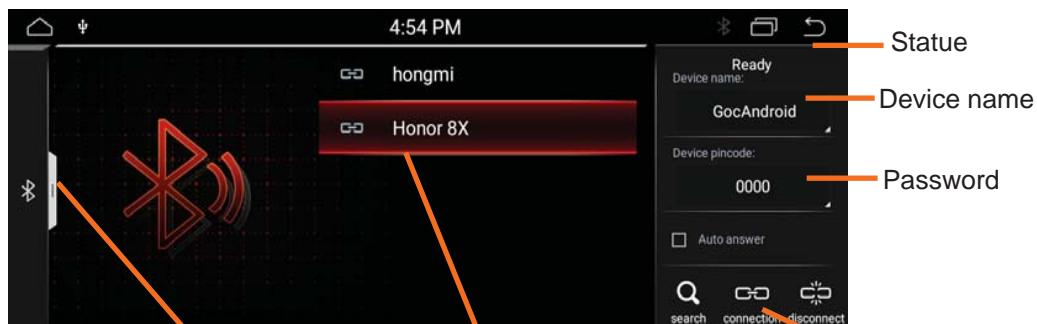
Press your mobile bluetooth name and press this icon to connect

Press this bar to open and close the functions list

2. Making a Phone CALL
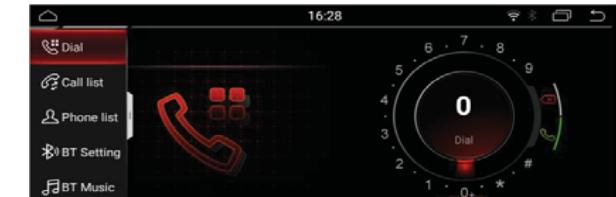
3. Missed/Received call record list
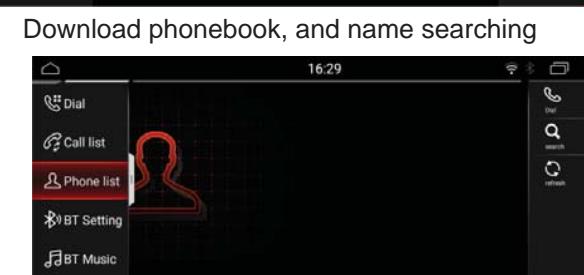
4. Phonebook Download phonebook, and name searching

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

3

4

Music Player

1.Player interface
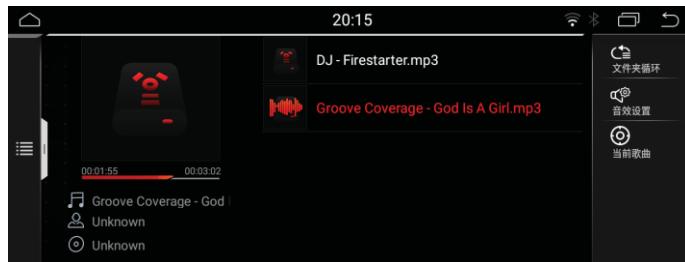
2. Operating instructions

Playing   USB   SD   Local Memory   List
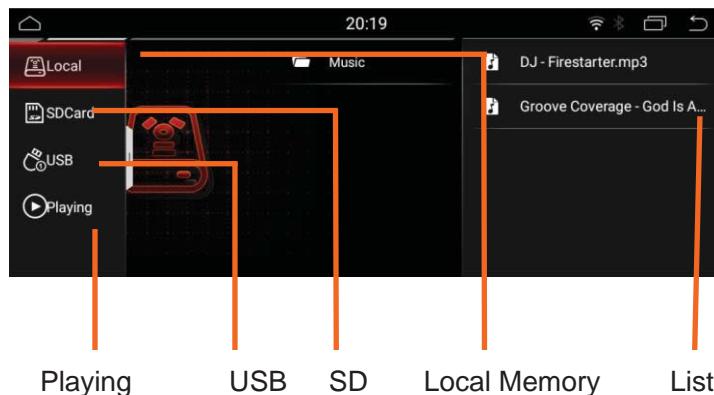
3. Music Format

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

Playing   USB   SD   Local Memory   List
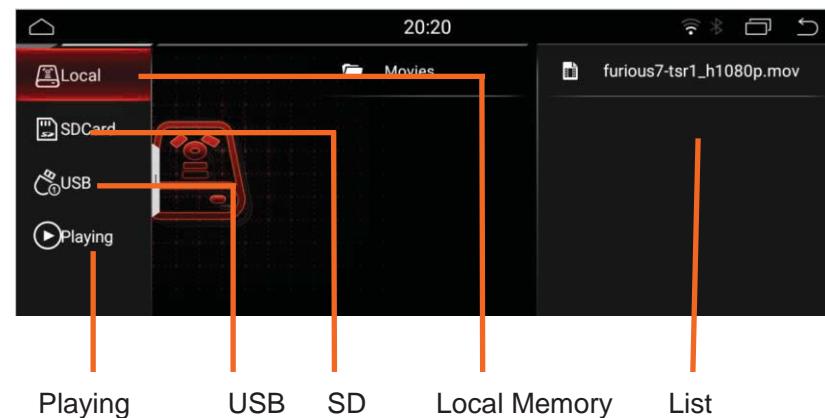
4. Picture in Picture (PIP) & Full Screen

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
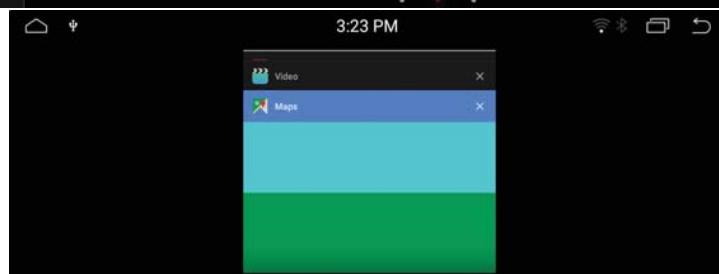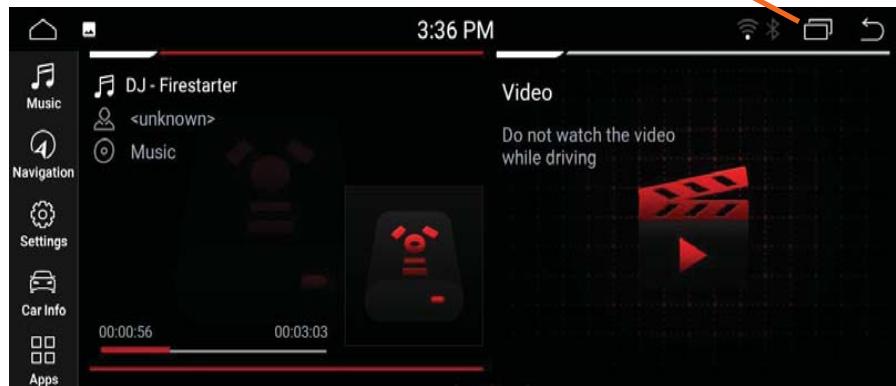
5.3 Press the middle white point and drag to left or right direction to exit split screen
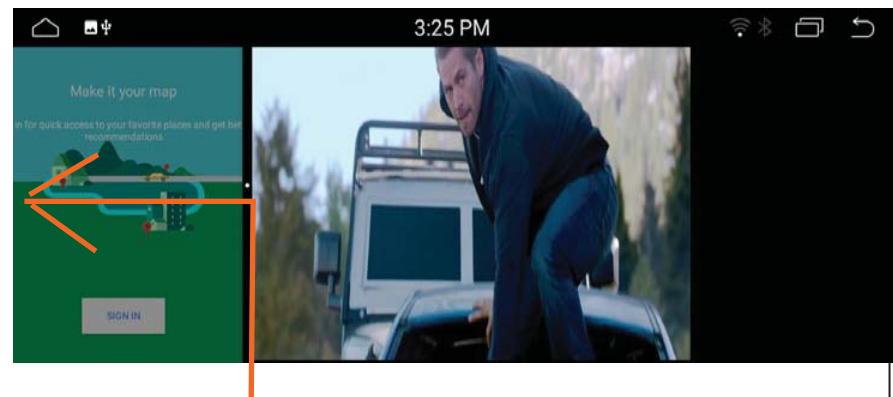
1.Original Car info

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）
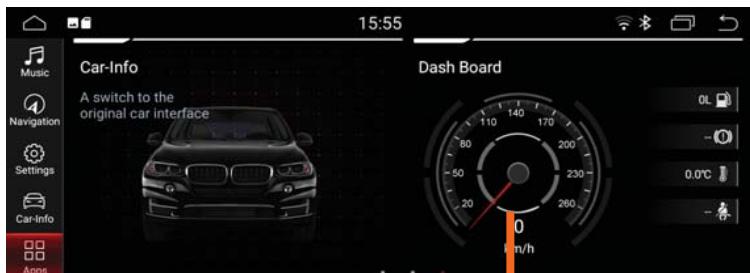
Click it and into Dashboard app

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
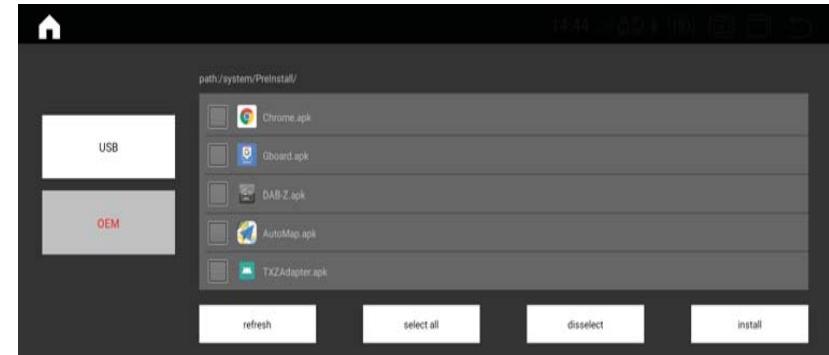
Carplay and Android Auto (Optional functions)

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)
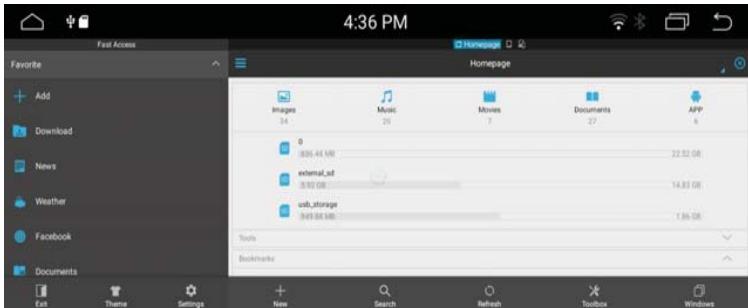
4. Wireless Carplay function

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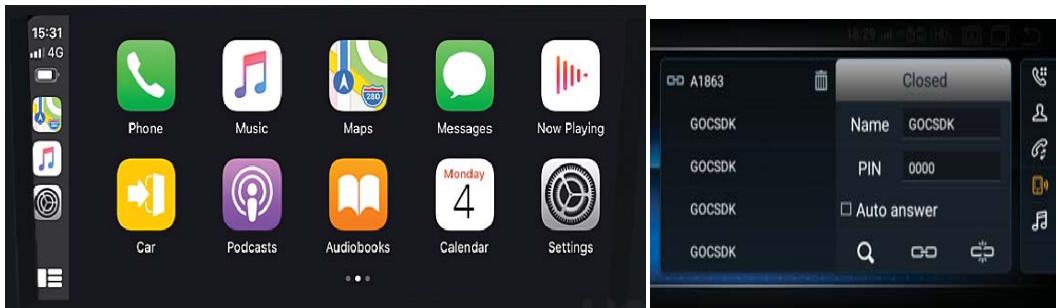
* Pair iPhone with android BT, not pair original BT at the same time

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

*When use wireless carplay,android bluetooth will be closed,
it is normal as Carplay sound is via bluetooth.

4.If Carplay Z link shows not active:

Connect wifi to internet, and reset, power again to active it.

If still not work, unstall it, and install Z Link APK again from APKinstaller.
After activation: Connect android WIFI to internet,

Reset, and pair bluetooth to iphone
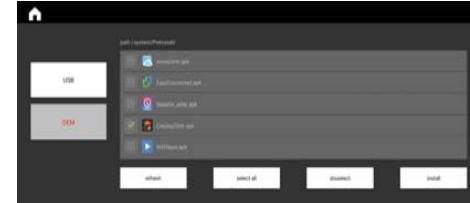
5. Android Auto (USB data cable connection):

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.
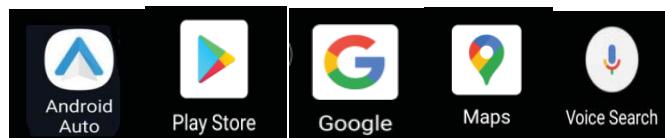
belowing is the settings (if you want full screen,
please choose AA full screen display).
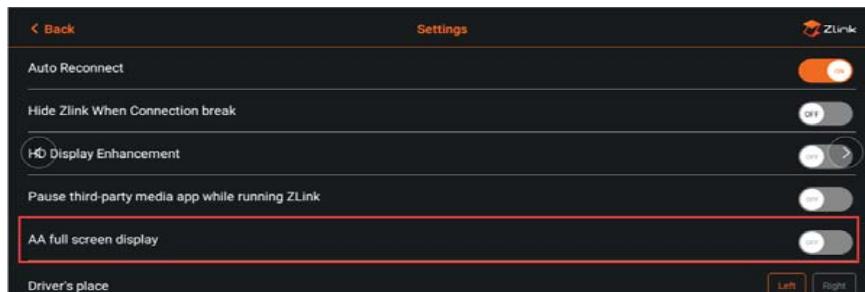
Note:if it cant connect, replace another USB data cable or change a USB port.

9 DVR and Front Camera

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

1. USB DVR Connection

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

2) In Factory Settings   choose option: USB DVR and DVR APK

3) Choose DVR icon in APP of android menu

2. CVBS DVR Connection

1) Connect "DVR 12V " Cable to DVR power;

2) Connect "CVBS IN" to DVR output.

3) In factory set, choose option CVBS DVR

4) Choose DVR icon in APP of android menu
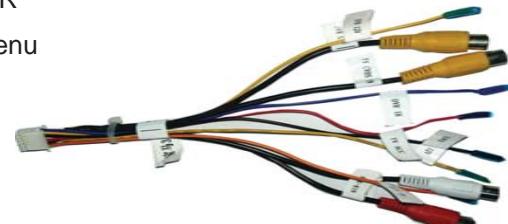
3. Front Camera Connection

1) Connect to "DVR 12V" to power

2) Connect "CVBS IN" to Camera output

3) In factory set, choose option CVBS DVR

4) Choose DVR icon to enter camera image

*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.

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
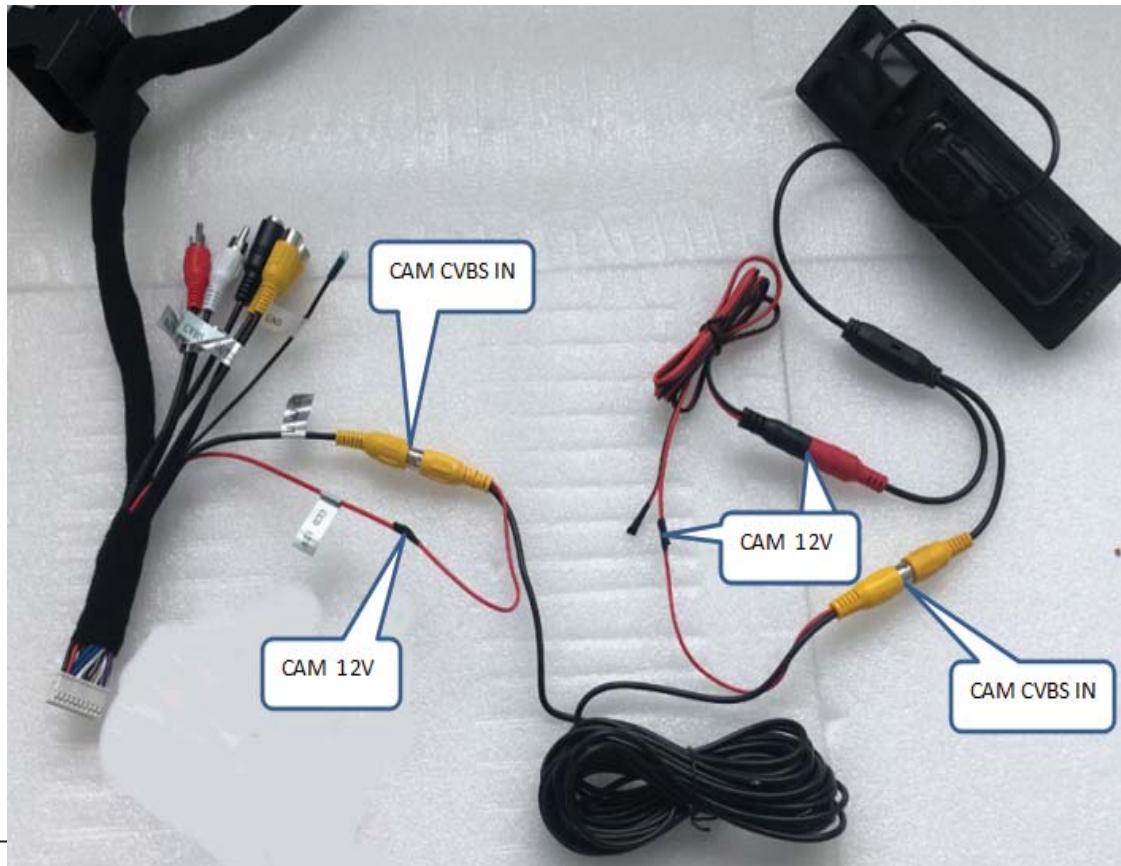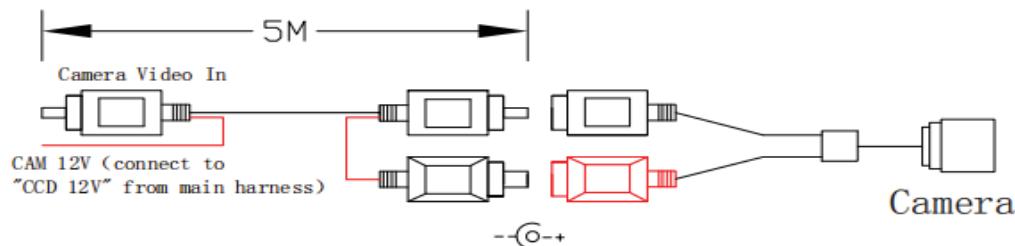
2.Camera types

Choose the correct option in settings.
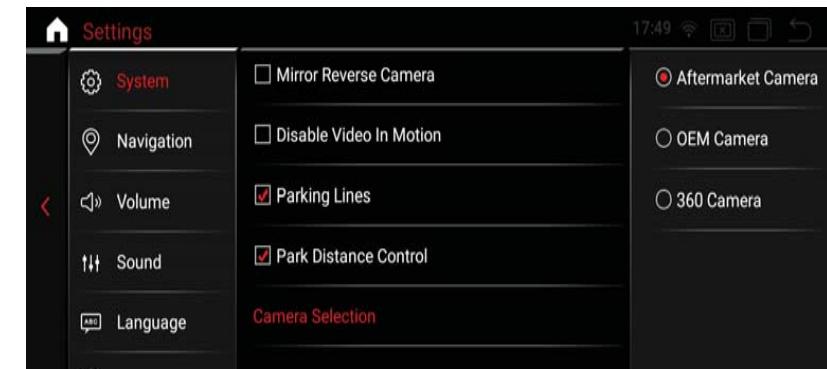
3.Reversing camera
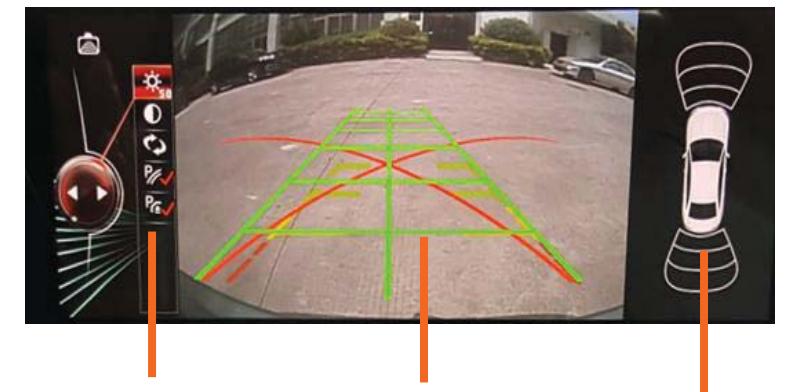
Settings   Display   Radar

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

11 Manual Gear Car Camera Wiring and setting

1.Connect "CCD CVBS IN" on wire harness to the video wire of rear camera.

2.Connect "CCD 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".

CAM CVBS IN

CAM 12V

CAM 12V

CAM CVBS IN

Connet" CAMERA DETECT" to car reversing lights wire(need to connect an extension cable to reversing lights), when reversing, it is 12V, no reversing, it is 0V, multimeter can measure it.

Settings
- System
- Navigation
- Volume
- Sound
- Language

☐ Mirror Reverse Camera
☐ Disable Video In Motion
☑ Parking Lines
☑ Park Distance Control
Camera Selection

○ Aftermarket Camera
○ OEM Camera
◉ 360 Camera

iDrive operation
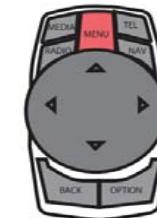
Long Press Menu on iDrive to swtich car system and android system

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

Mode

Volume+/-

Previous Next Track

Answer /Hang up

Android Navi (Long press)

17

18

Please make the setting according to your need.

1.Navigation Settings

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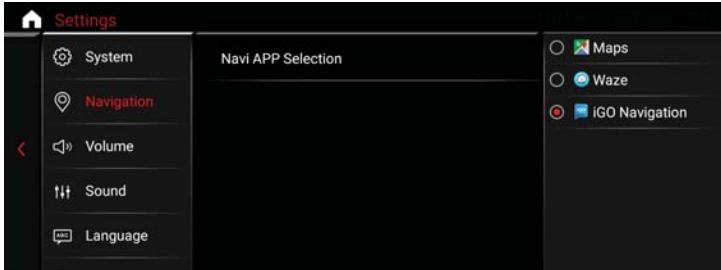
2.Language Settings

More languages choose from android setting
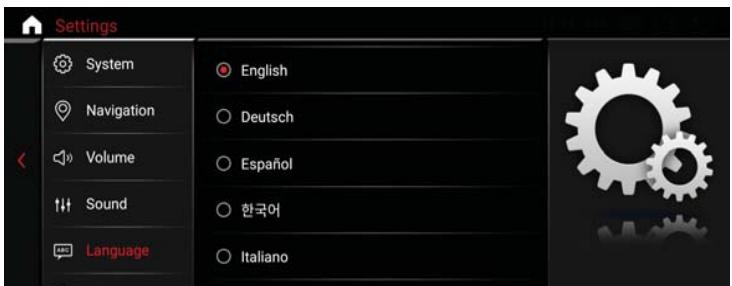
3.Time

Time according to GPS or Original system, default is GPS time
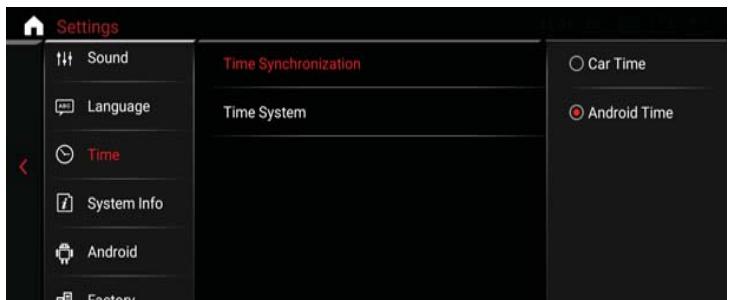
4.Audio

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
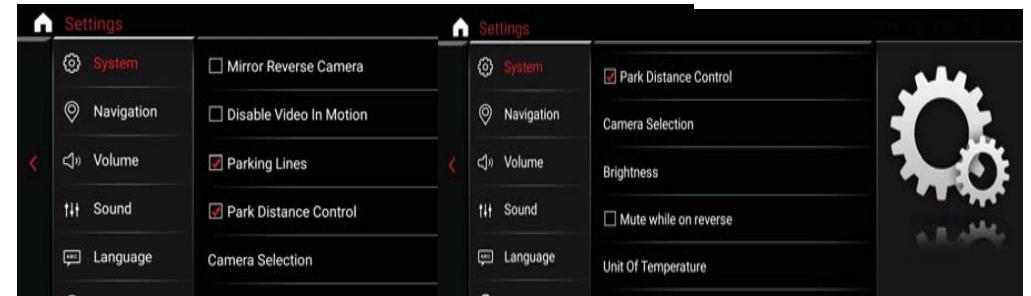
Mainly for the following Settings

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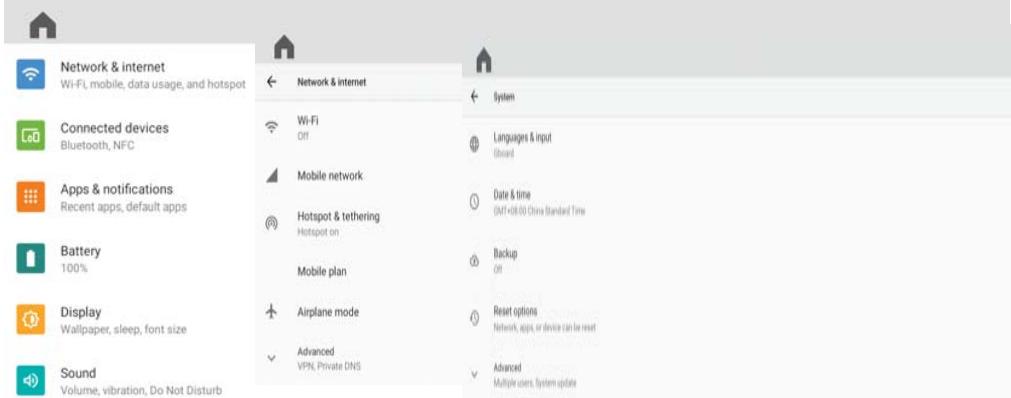
*Note: Please do not revise the settings if you were not a professional.

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
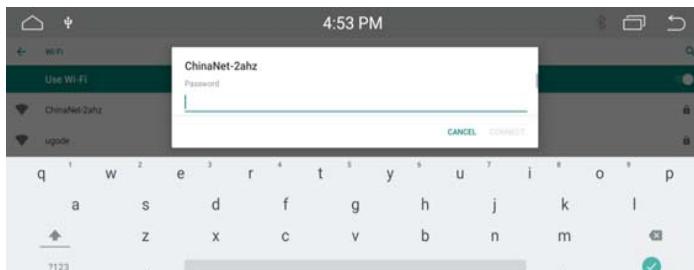
When you use Carplay, each time power again, WIFI will be turned off,

if you want WIFI connect automatically,

remove Z Link in factory set,refer to 16-1 Set

Factory Settings

7. Factory Setting: (code:2018)

Factory set password: 2018. Mainly set for car type original radio display,
AUX for sound, and below personal set.Don't change other settings to avoid issue.

1. 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 power on, Wifi connection automatically after
in Factory Set, remove the option of " Z -link ".

then wifi pair automatically after restart unit.
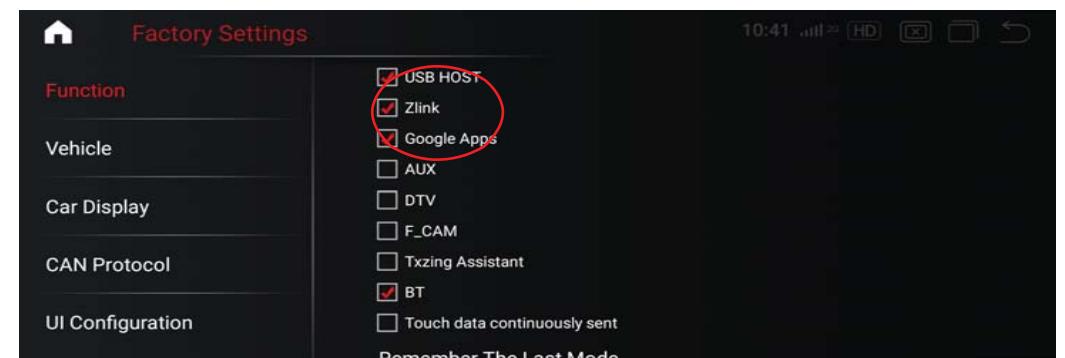
2. Last Mode set: Rnable: remeber last mode before power off
Below to option is each time power on, start on OEM radio or Android menu

DVR set: if you dont have DVR, close it, if you use DVR, choose CVBS or
USB accordingly.
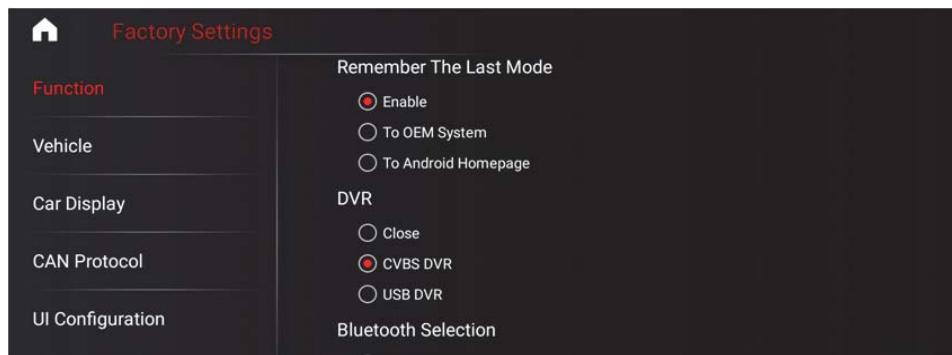
3.Set for Android Bluetooth or Original Bluetooth..

Amplifier set, please don't change it.
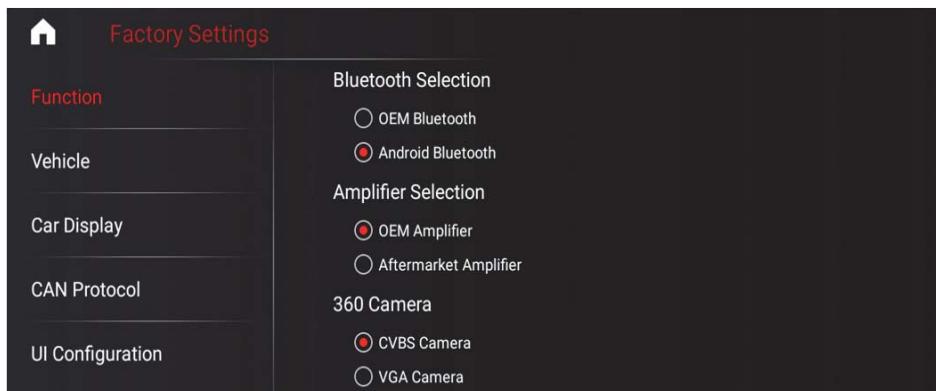
4.Change Unit for KM and MPH : Factory setting--Function--Unit Selection:
Metric Unit and Imperial Unit.
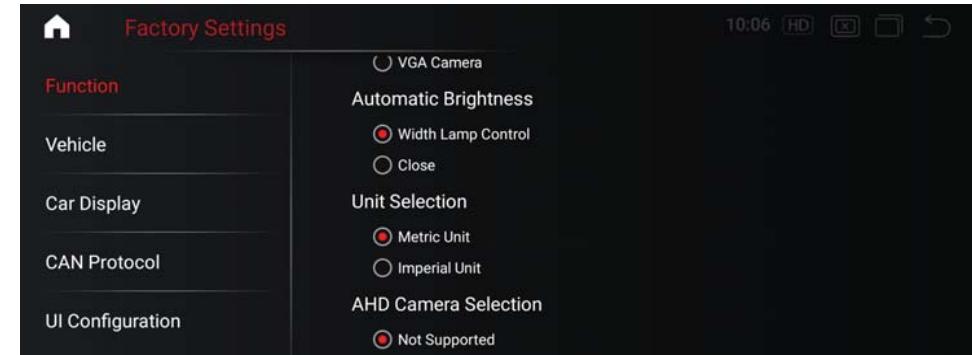
5. Set for AHD camera, for HD1920*720 screen, it supports
AHD camera, Set according to camera specification to
get best image display, such as 720P-25HZ
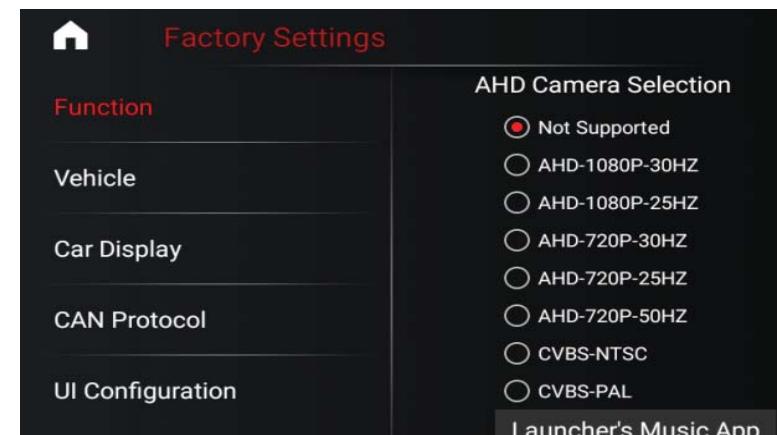
6. Launcher Music APP: you can choose APP you use for
music display
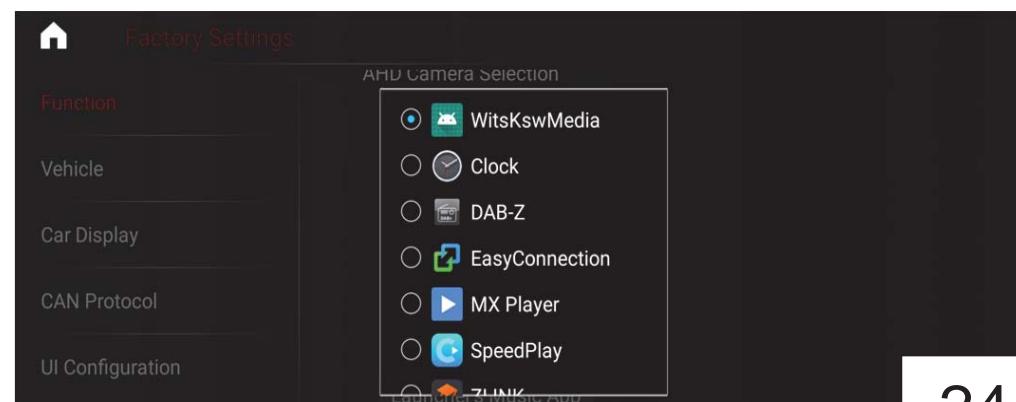
7.AUX switching modes for sound, if no sound issue, please check this.
   For E84 E87 E90 cars without screen, choose option
   Car Without OEM Monitor, other cars dont choose this,
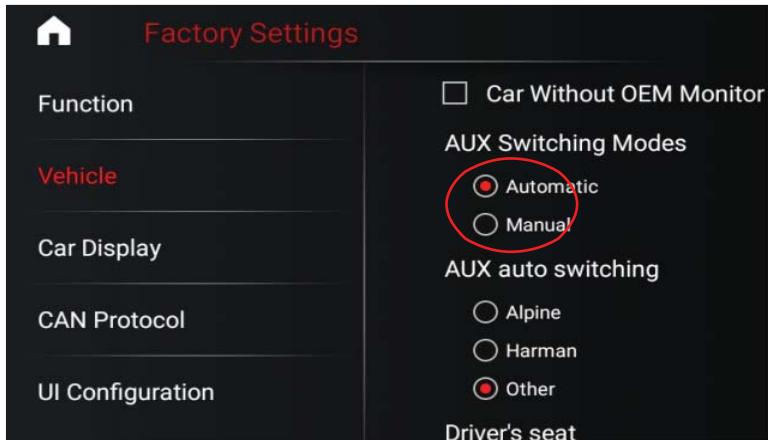
8.Set for Right hand drive car, door display on right, default is left.
   Set for 4 doors or 2 doors in dashboard display, default is 4 doors.
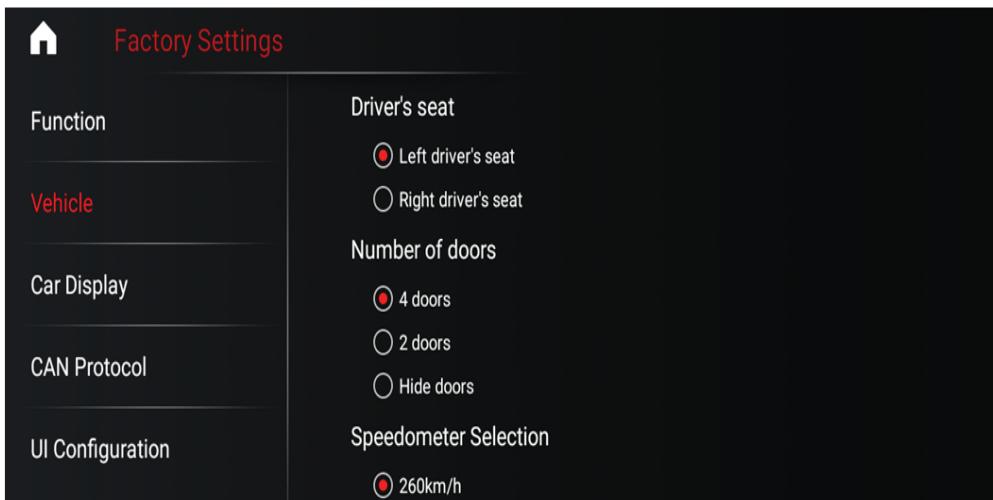
9.Speedometer Selection: for biggest speed
 Gear Selection: please don't change it, default is Automatic.
 MAP KEY Selection :for map button on steering wheel for
 Android Navi or OE original GPS
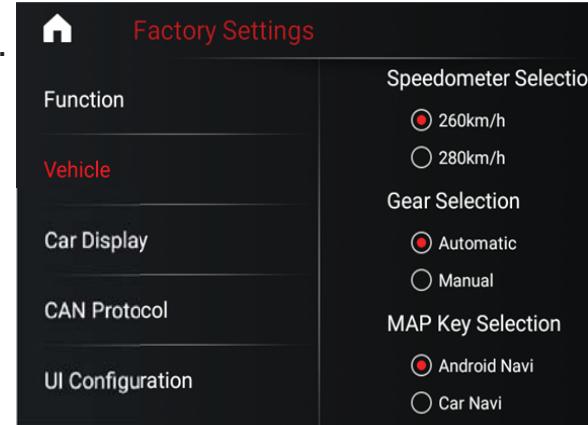
10. Steering wheel track selection: 1 track not wave; 2 track wave
    Air Conditioner set as default to show Air Condition information.

11.Set for steering wheel button function for Navigation.
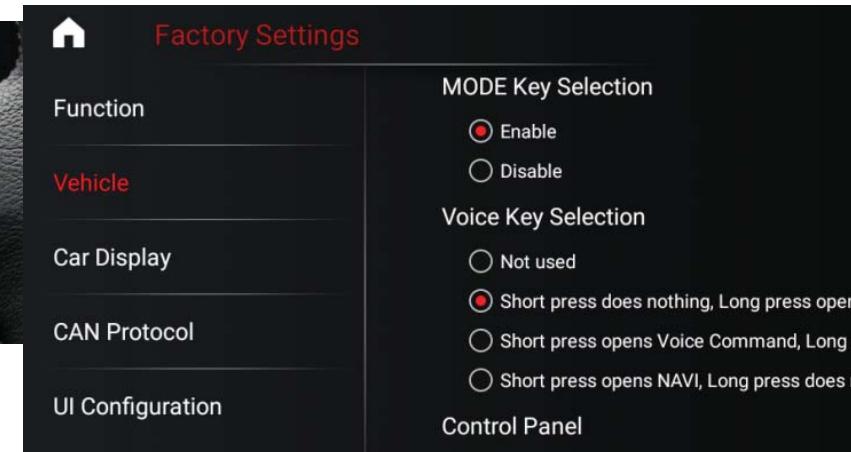
12. Car Type set for OEM original radio display, according to car system and screen size.
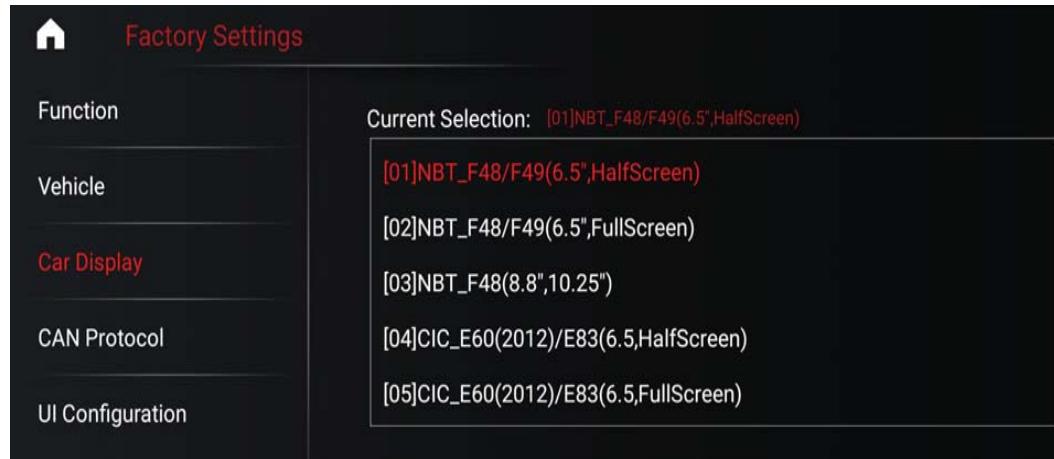
13. CAN Protocol is set before delivery, please don't change.

14. Three UI menu design can be choosen.
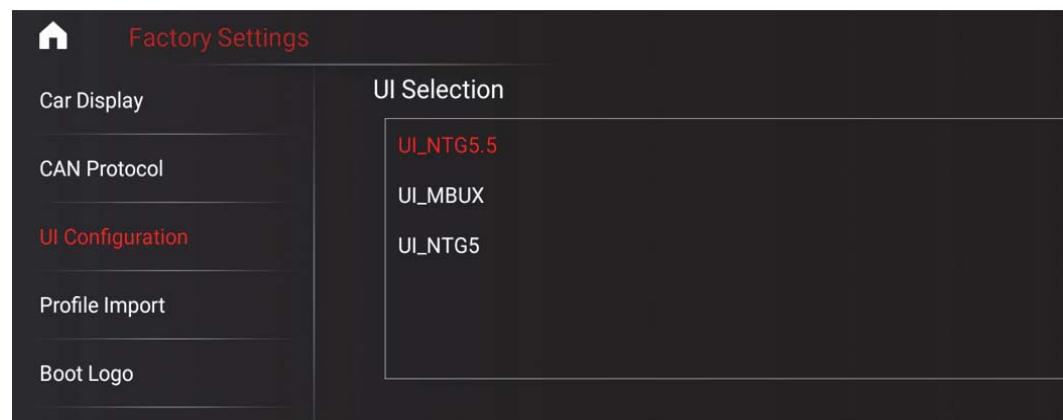
15. Start Logo set, you can choose the logo here, if import file, please contact us.
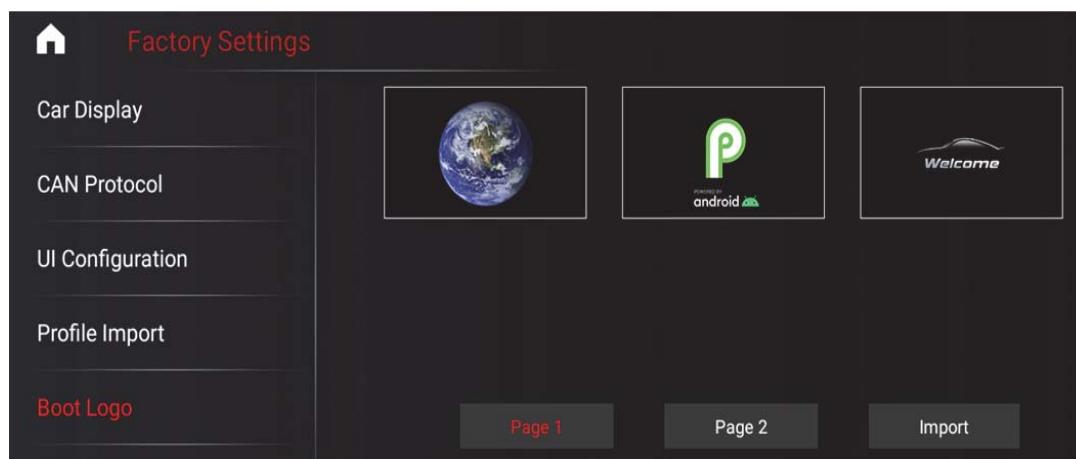
16. Please dont operate this menu!

9. System info

Settings	
Sound	MCU Ver: 135243dYC-CIC-GTL-DC-200703
Language	APP Ver: Ksw-Q-Userdebug_OS_v2.0.9
Time	System Ver: 10-8953NA-1
	Storage: 46.44GB/64GB
System info	RAM: 4GB
	MCU Upgrade
Android	System Recovery
Factory	
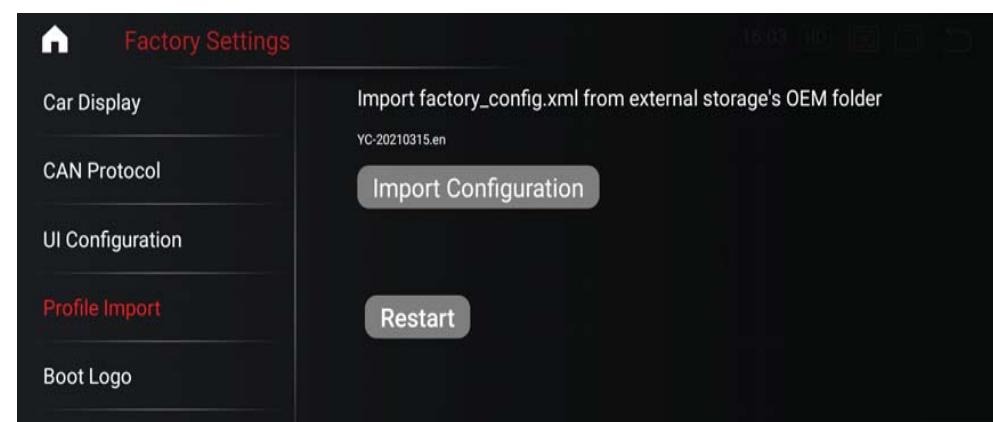
System info is the version of the Device.and Convenient for after-sale identification.

* Please don't do factory recovery, or the applications, and new version will lost.

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

if no such device, no need to connect it.)

external device such as DVR or TV box etc

Audio Cable X1

(NBT need it only when car harness has

no audio cables inside,many NBT car dont need it.)

1. GPS Antenna

2. 40Pin Female plug
(connect to the radio stereo)

3. 40Pin Male plug
(connect to the factory radio plug)

4. AUX Audio Cable

5. CAM-CVBS IN

6. AUX-L IN

7. AUX-R IN

8. CAM 12V

9. MIC

10. GND

11. TV ACC

12. TV IR

13.CAMERA DETECT
(for manual gear)

14. AUX-L IN

15. AUX-R IN

16. TV 12V

17. TV CVBS IN

18. DVR CVBS IN

19. DVR 12V

20. GND

21. DVR IR

22-23. USB Port

* 5 8 is rear camera connection
* 6 7 9 10 11 12 14 15 no need to connect
* 16 17 18 19 20 21 used for DVR or Front camera,
if no device, no need to connect.

Factory recovery

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

2. Path:

Setting--Android--System--Reset Options--Erase all data--Erase all data
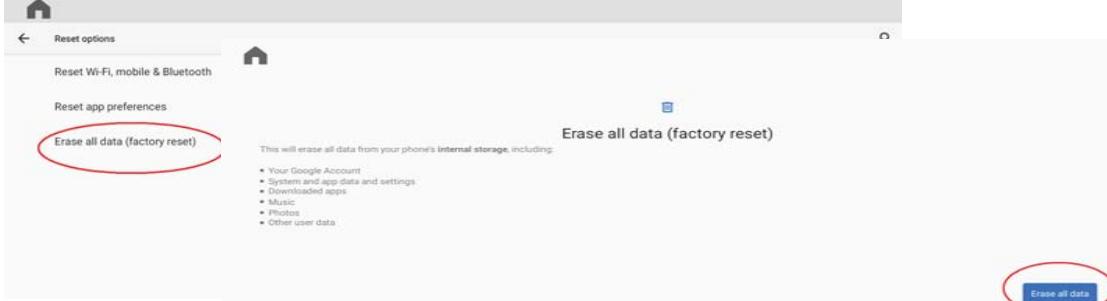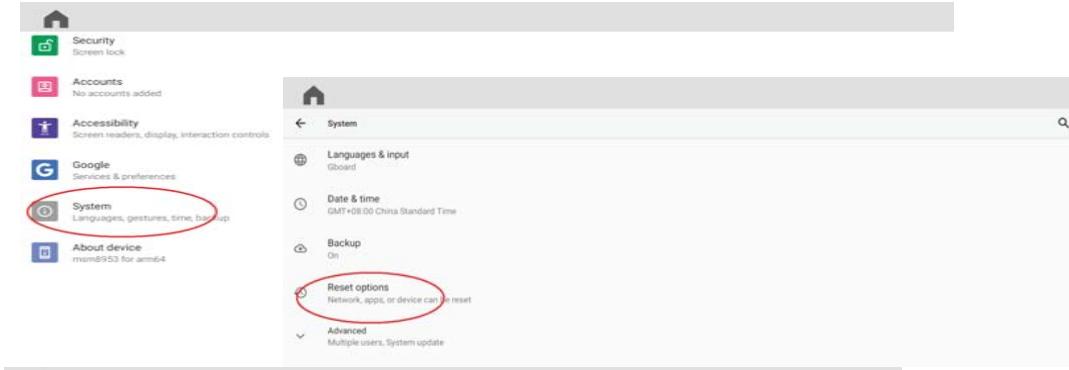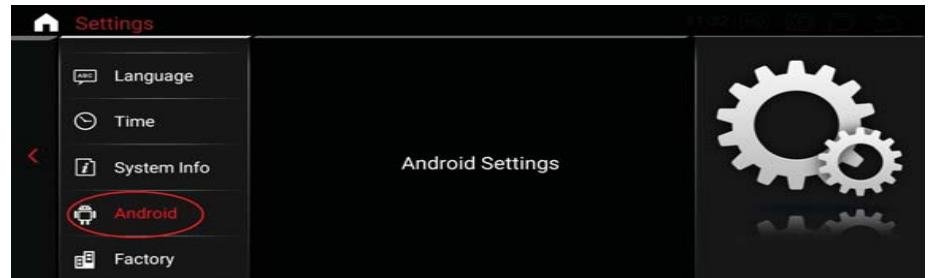
3. After factory recovery, if bluetooth shows not active,

   Connect WIFI to internet, and reset the hole on panel,

      Bluetooth will work again.

4. If Carplay Z link shows not active:

  Connect wifi to internet, and reset, power again to active it.

  If still not work, unstall it, and install Z Link APK again from APKinstaller.
After activation: Connect android WIFI to internet,

  Reset, and pair bluetooth to iphone to enter into carplay function.
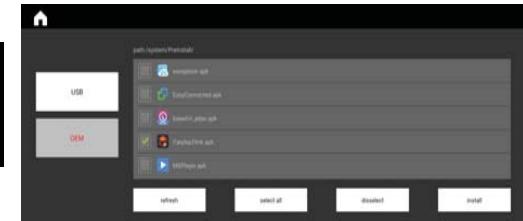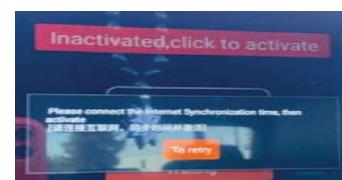
5. After factory recovery, there is default

  Chinese Input, if you dislike it, can close it as following steps:

  Android Apps-Settings-Apps&notiflcations-
SEE ALL 25 APPS- 讯飞输入法 -DISABLE-
DISABLE APP
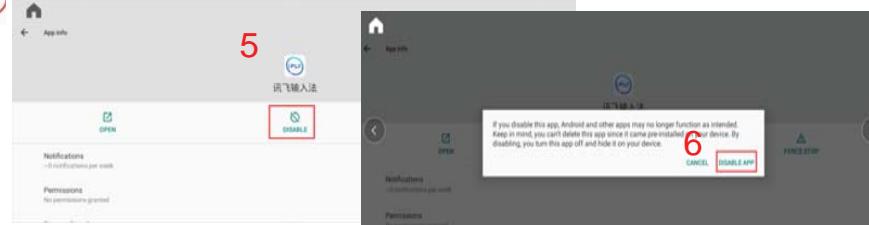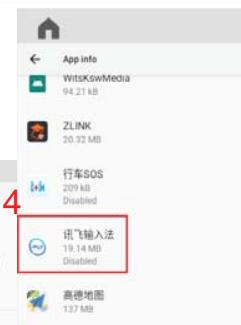
FAQS

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.
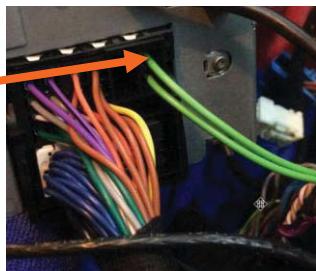
2. Radio Wrong Display or showing not correctly.
Car Type not correct, change another car type in factory set
NBT 3 car type, CIC 6 car type CCC 4 car type, ignore the model
Double choose the type and choose OK to confirm.
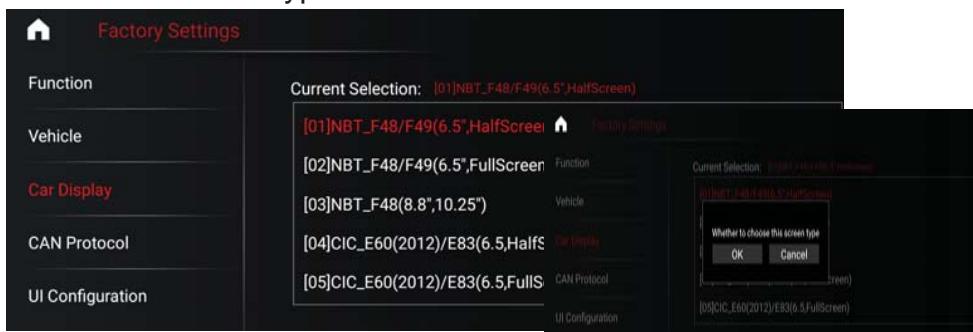
3. Android No Sound

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.
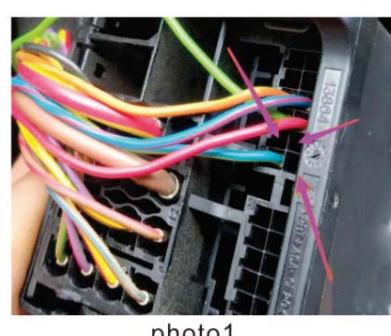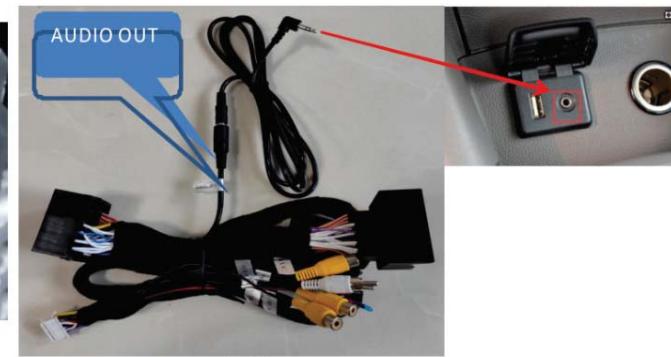
3.3 AUX switching mode : set automatic switching.
    If plug audio cable, set manual switching.

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

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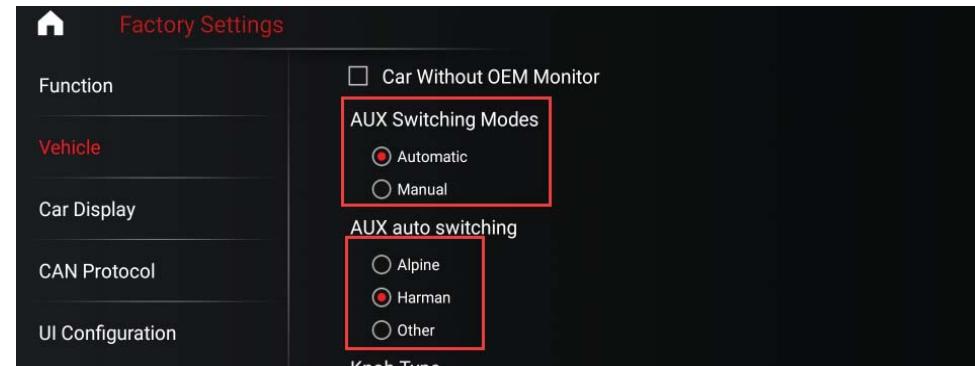
4. If original power cable has AUX, and use AUX in armrest,

just connec the cables as below, click the AUX icon in android for AUX function
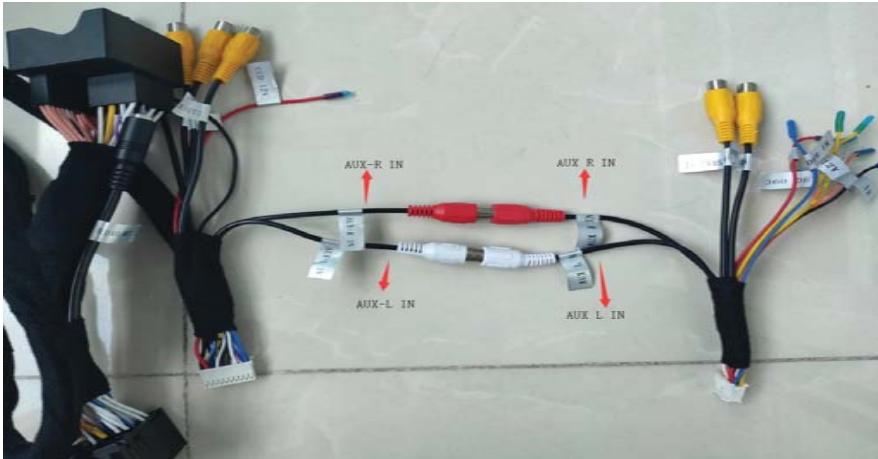
5. CCC cars: this plug no need connecting, LVDS plug to android screen.

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
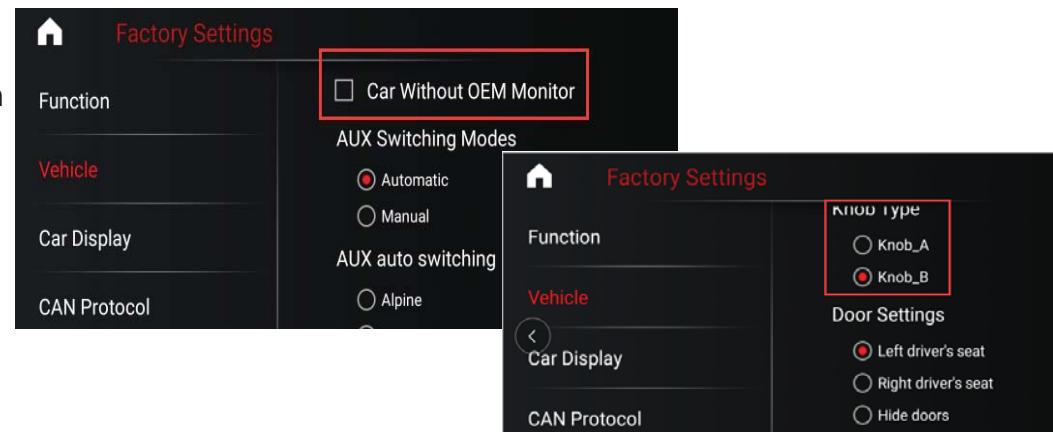
8. If original CCC car audio has no AUX input, need to buy FM transmitter for sound or go to installation shop to activate AUX in menu.
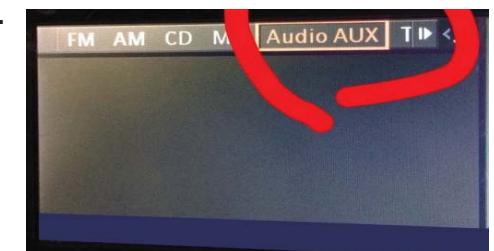
9. GPS Antenna better install in back window, some front window has cover block the signal.

10. 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.
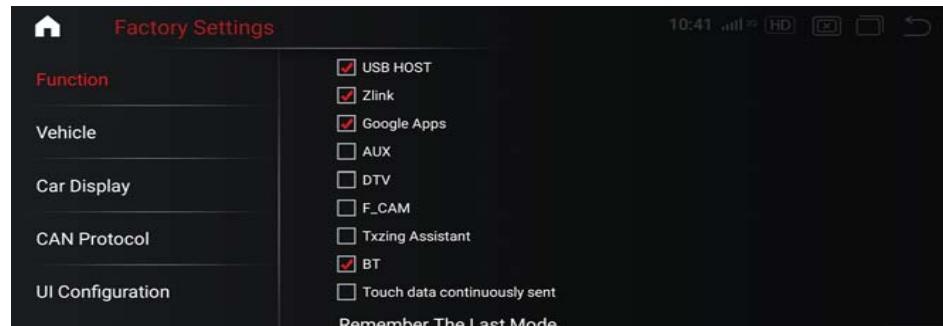
Q & A

Q: What is the android system factory code?

A: 2018.

Q: Why my OEM screen is flickering or not showing correct?

A: It is setting issue, please enter into factory setting and choose the Car type or Car Display - NBT/CIC/CCC according to your system one by one until it works.

Q: Why there is no sound on android ?

A: It is wiring or setting issue, please check the following:

1. Check if optic cables and audio cable are well relocated and plugged correctly and firmly.

2. Choose AUX Switching mode "Manual" in factory settings, then go to OEM radio and choose"Audio-AUX", touch screen to android, sound out. (BENZ NTG5 and BMW EVO is in USB function shows USB device connected) .

Q: Why my OEM radio show No Signal on screen after installation ?

A : It is wiring issue usually, Please check the followings one by one:

1. If the LVDS cable is plugged into android screen correctly.
2. If the optic cables are relocated fully.
3. If the original CD/headunit is turned on.
4. If the android connector to original CD is plugged fully.

Q: How to check if the fibre optic is well relocated?

A: Please check if knob control/steering wheel/ OEM rear camera work or not, if works, or check the dashboard icon and see if the information is changing correctly. it means canbus is communicating and fibre optic is well relocated.

Please check the Youtube videos for some setting or wiring guidance by searching our brand.

FCC WARNING

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.

Any 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.

To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum 20cm distance between the radiator and your body: Use only the supplied antenna.