Android
Intelligent Navigation
User Manual

English
Version：08
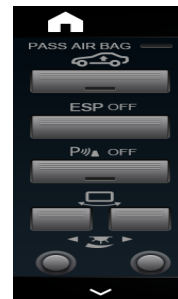
Contents

1. User of Navigation

1. Main Menu
First Page

Main menu

Time **BT** **Multi screen**
USB/TF **Close screen**
Wifi **Back**

Show Benz S panel control
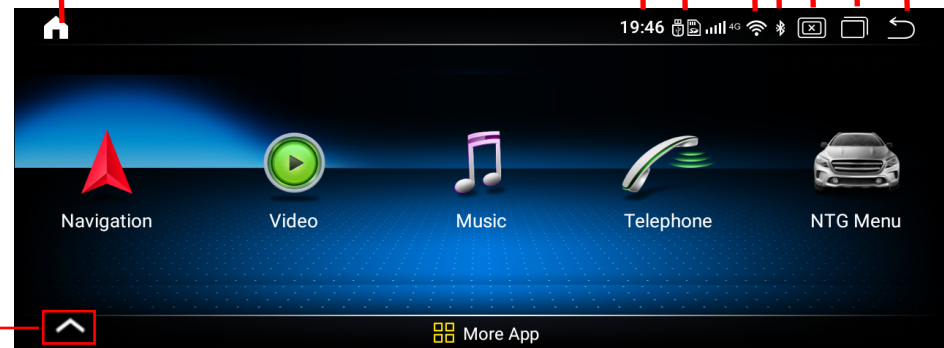
Navigation; Video; Music;Bluetooth;NTG Menu (original radio system)
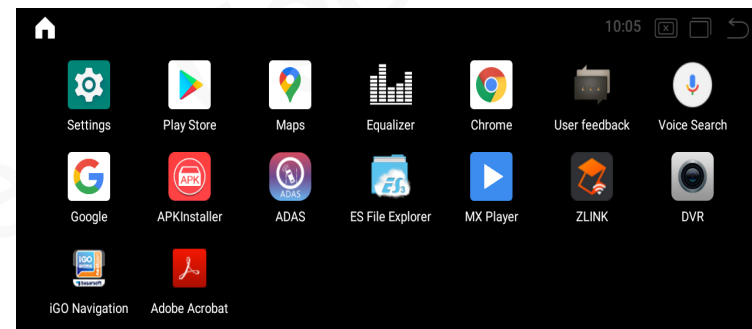
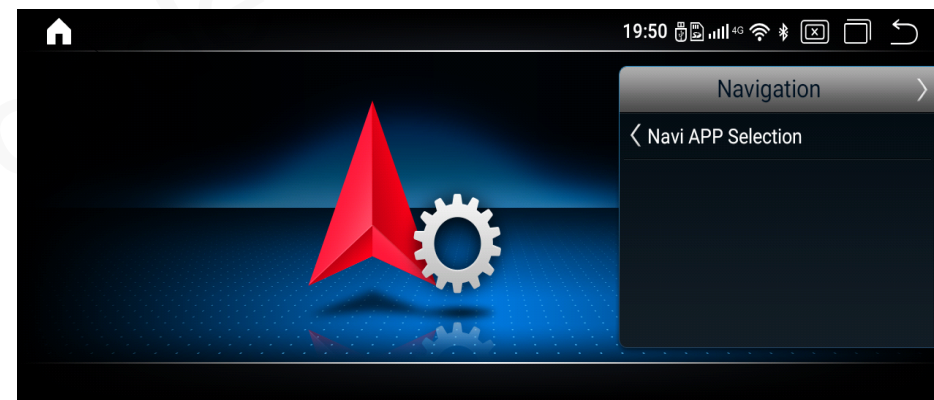### Second Page

Air condition

Dashboard; Phonelink; Filer Browser; DVR; Setting

Third Page **More app**

How to use Navigation

First, set navigation path, in setting--navigation--choose navigation software

Enter the first menu. Click icon "Navigation", access into Navigation function.
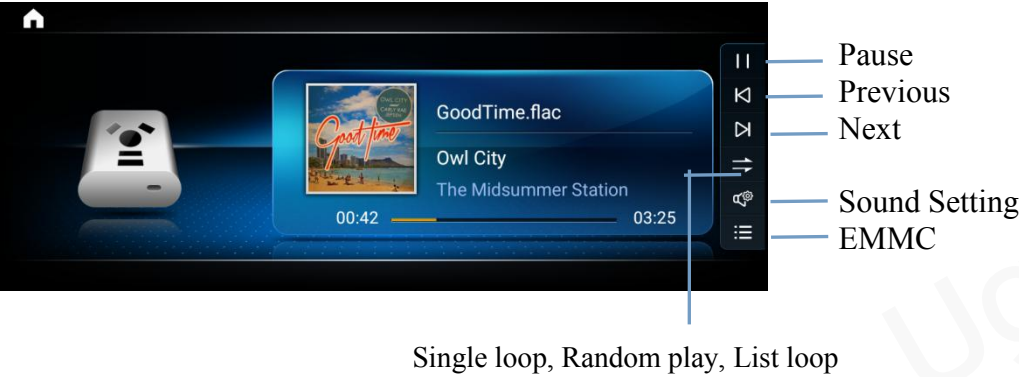

1

2. Music Player

1. Music player interface function operation

Pause
Previous
Next

Sound Setting
EMMC

Single loop, Random play, List loop

1)EMMC

2. Audio supported format

Support formats: MP3, WMA, AAC, FLAC, APE, WAV

3. Video

1.Video Format

Play / Pause
Previous
Next

Picture in Picture
File

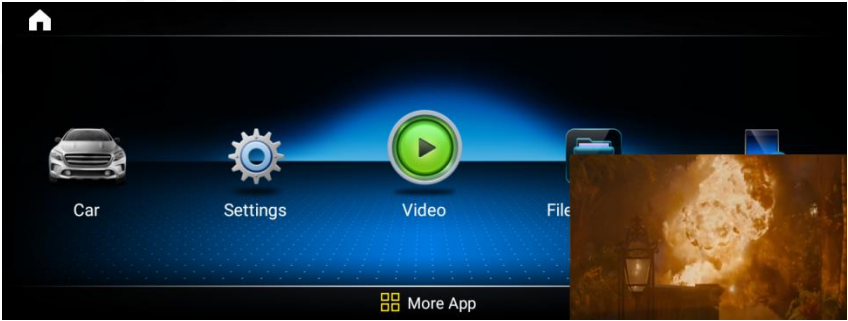Sequential play, list loop, random play, and single loop
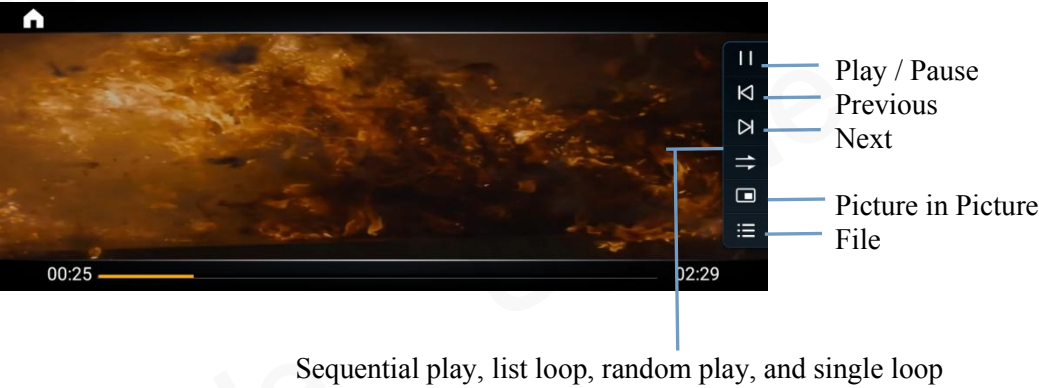
1)Picture in Picture

Click it for achieving the PIP function.
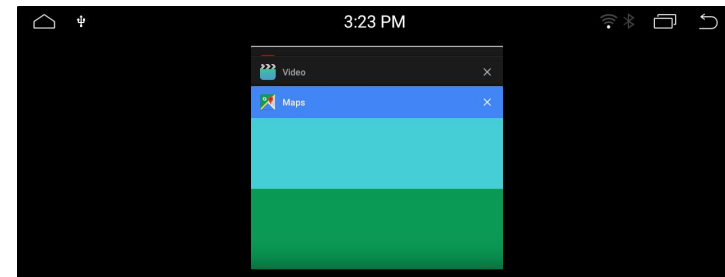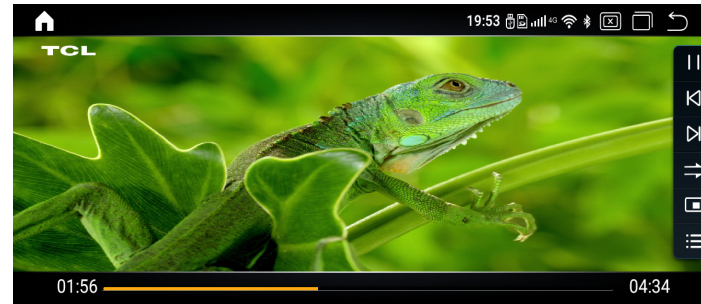
Watch Video in other menu,such as navigation.

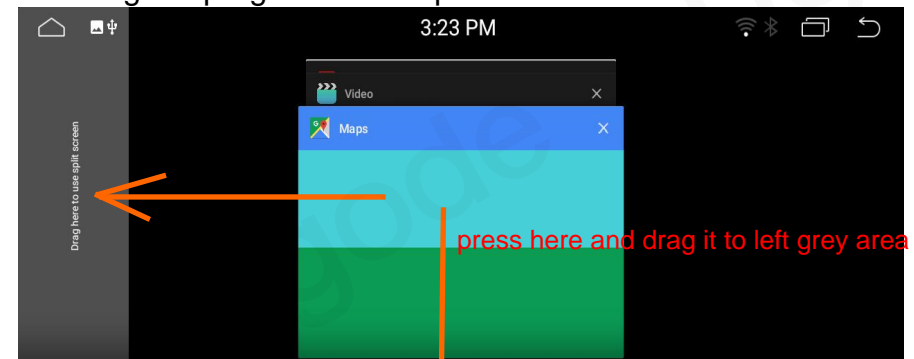2.Video Format

Video Format:MP4、AVI、MKV、WMV、MOV、FLV

2

3. Split Screen

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

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

press here and drag it to left grey area

Drag here to use split screen

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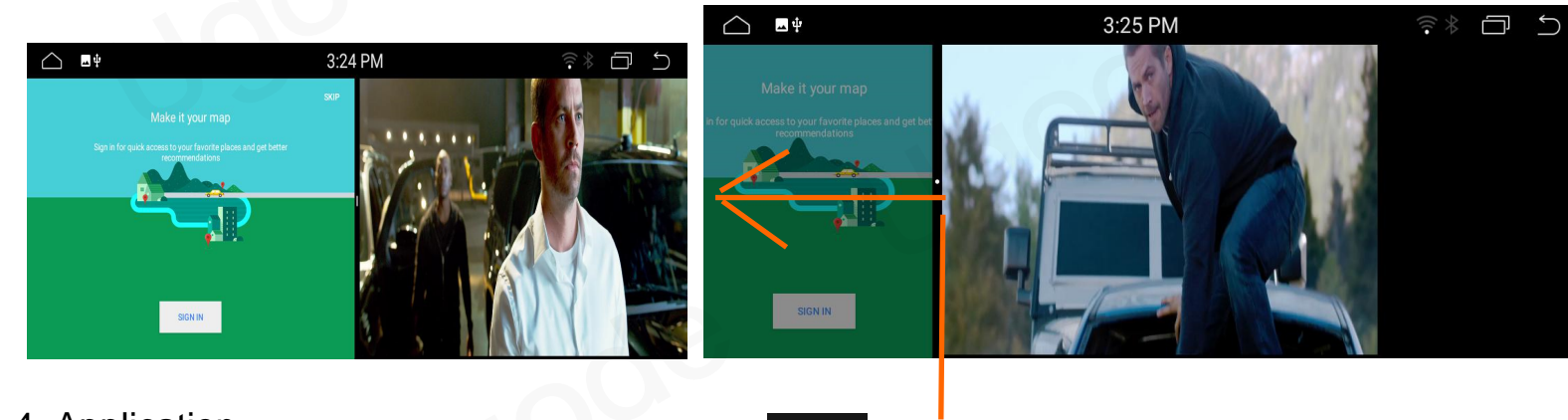
4. Application

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

3

5. Telephone

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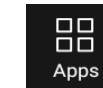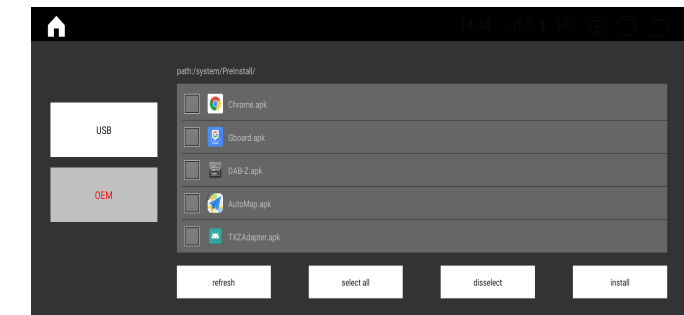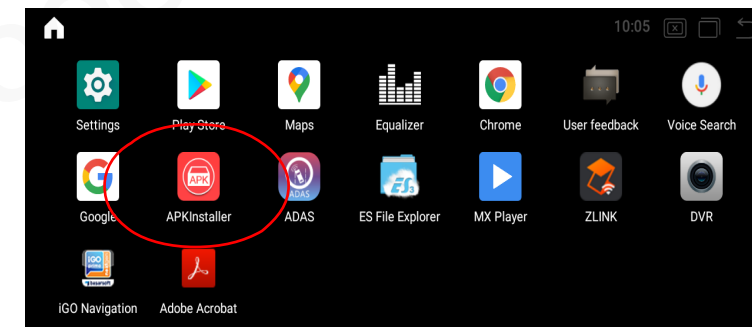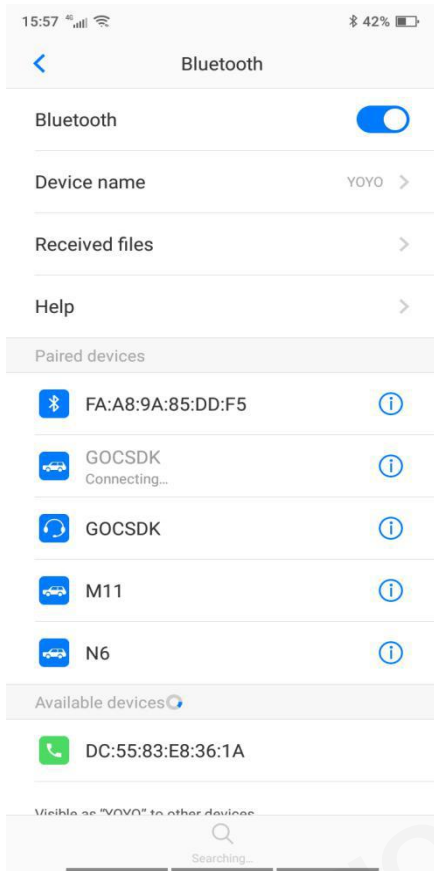

Device name is: GOCSDK

Password is: 0000

* When use Android bluetooth

Disconnect original bluetooth

If you use original bluetotoh,

Disconnect android bluetooth, not pair both

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

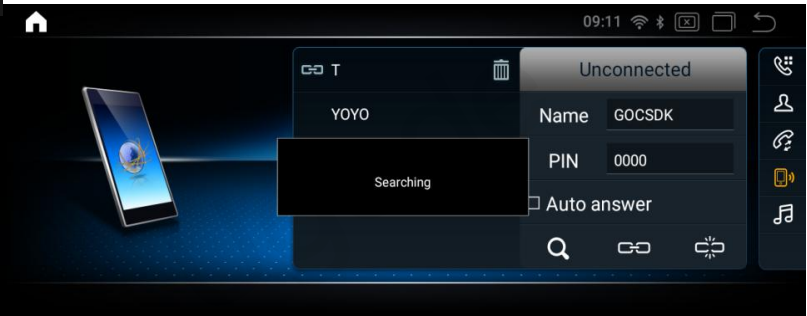If you want to use Bluetooth instead of Carplay, close iphone Wifi and pair bluetooth, or unstall Z-link app.

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

Press Your phone name on the list, press connection icon

Enter 0000 and Confirm on your mobile

It will shows connected, and ready to call
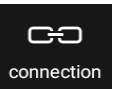
2. Making a Phone Call
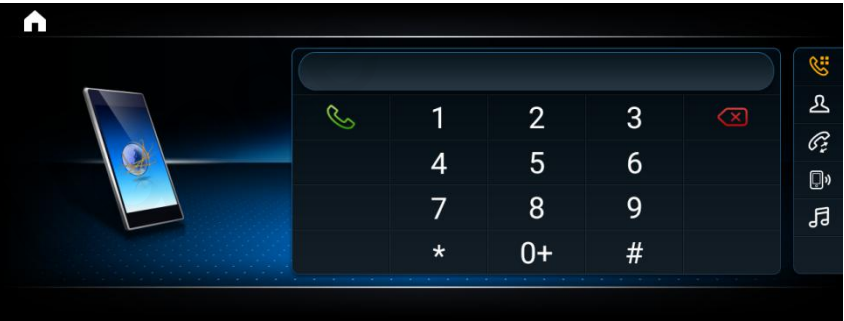
3. Telephone Address Book

4. View the Call History

4

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

6. **Original Car info**

1.Enter the original car interface
  Need to set car type first in android factory setting, please refer to setting instruction.

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

7. **Dash Board**

1. Display Oil Temperature; Door information; AC aircondition; belt etc

2. The colour of dashboard UI can be set personally

8. Theme Setting

You can touch bottom of menu, to set different style of menu, and different color.

9. DVR and Front Camera (Optional function)

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

1. USB DVR Connection

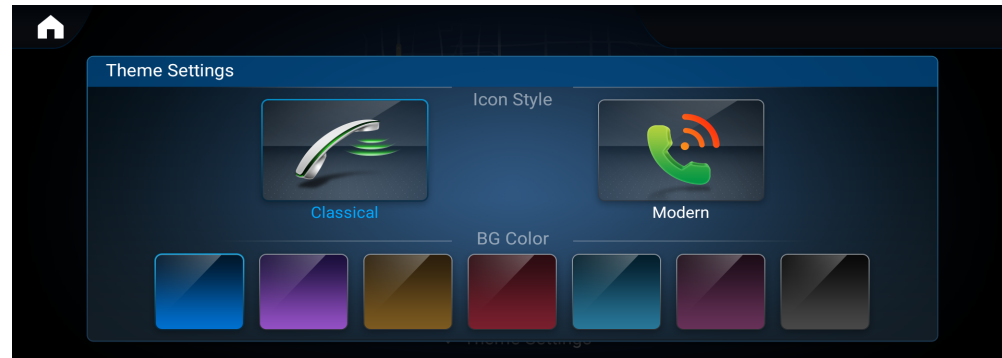1) Connect USB DVR with USB connector, install APK of DVR.

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
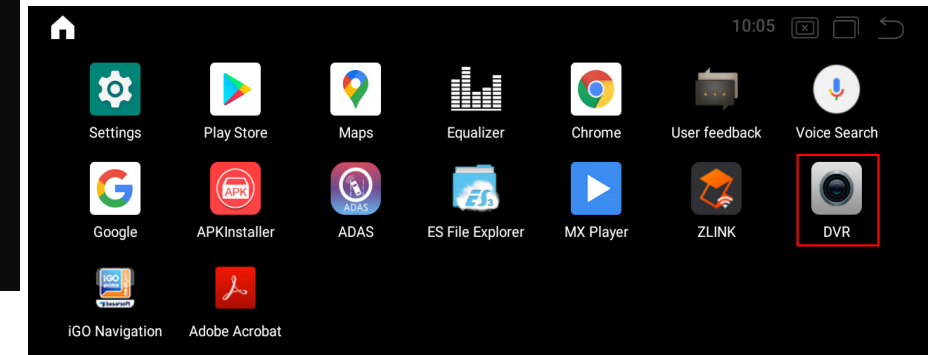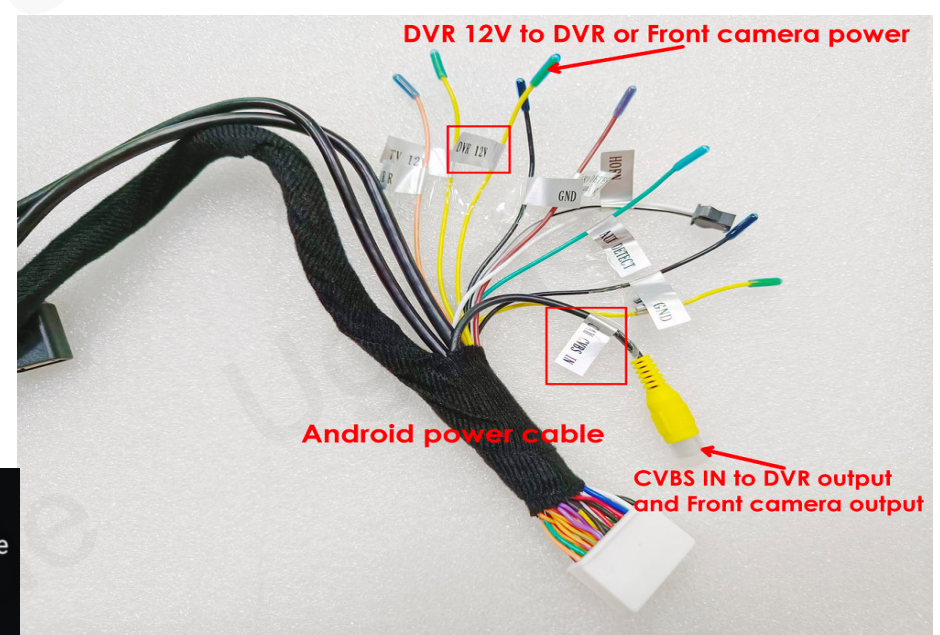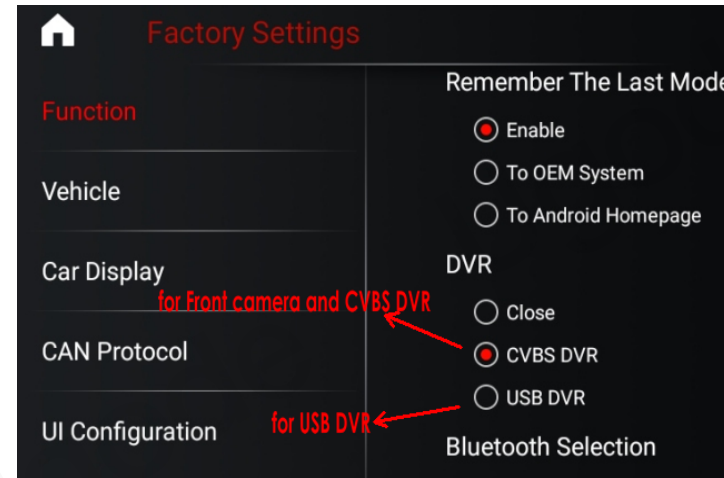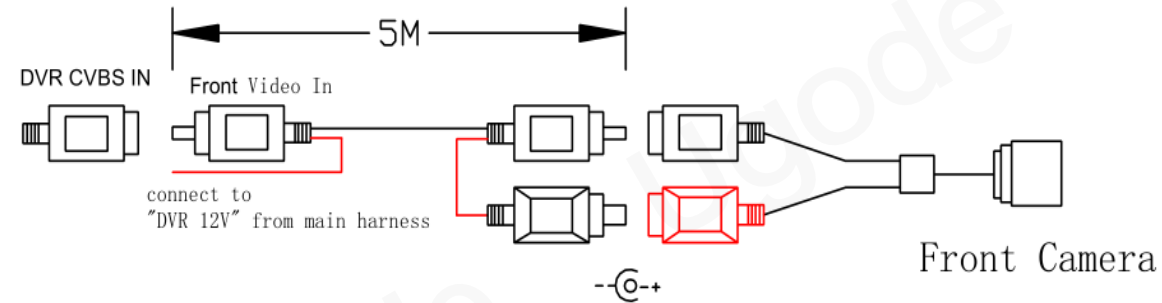
1) Connect to "DVR 12V" to power

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.


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11. 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)
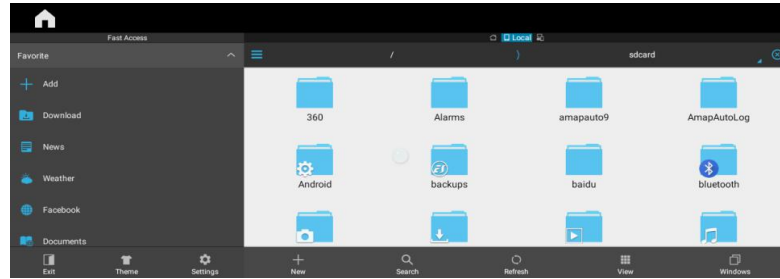
12. Wireless Carplay function

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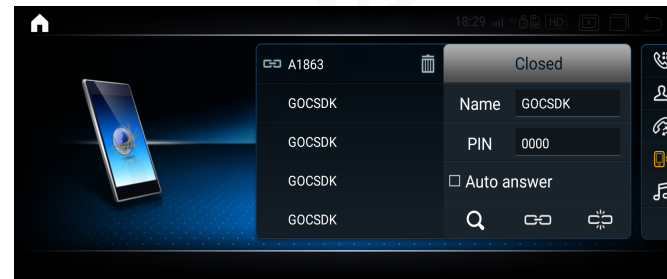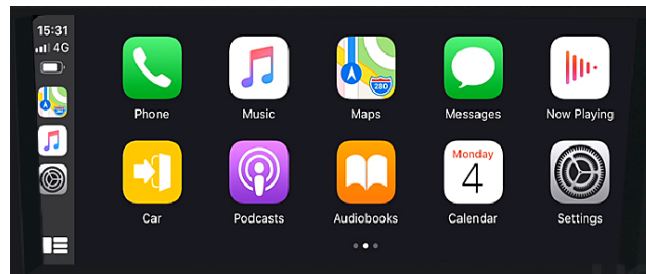
* Pair iPhone with android BT, not pair original BT at the same time

* When use wireless carplay, android WIFI will turn off after screen is restarted,
need to connect it manually.

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

4. If you do factory recovery, and Z-link shows Inactivated,
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
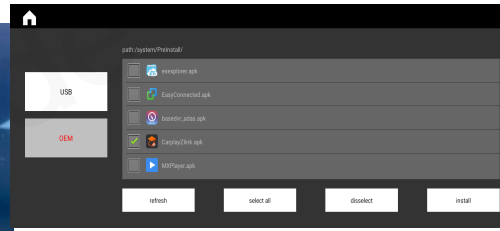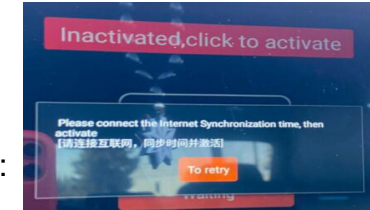
5. Android Auto (USB data cable connection):

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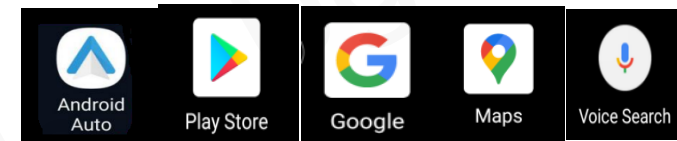
belowing is the settings (if you want full screen,
please choose AA full screen display).
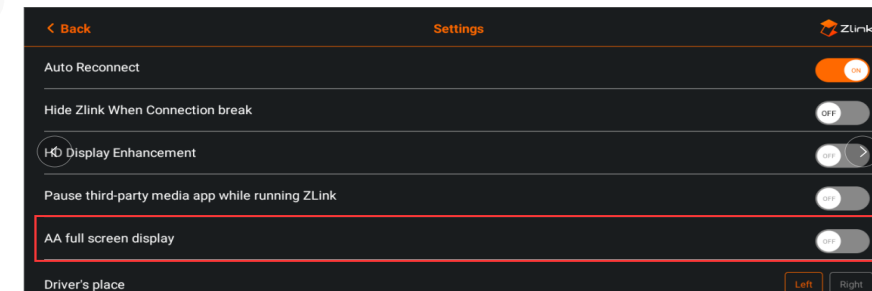
Note:if it cant connect, replace another USB data cable or change a USB port.

13. Rear Reverse Camera Setting & Connections

After connecting well the camera, choose the correct options in settings.

12.3inch or 10.25 HD1920 screen support AHD camera, normal camera maybe not display or not clear.
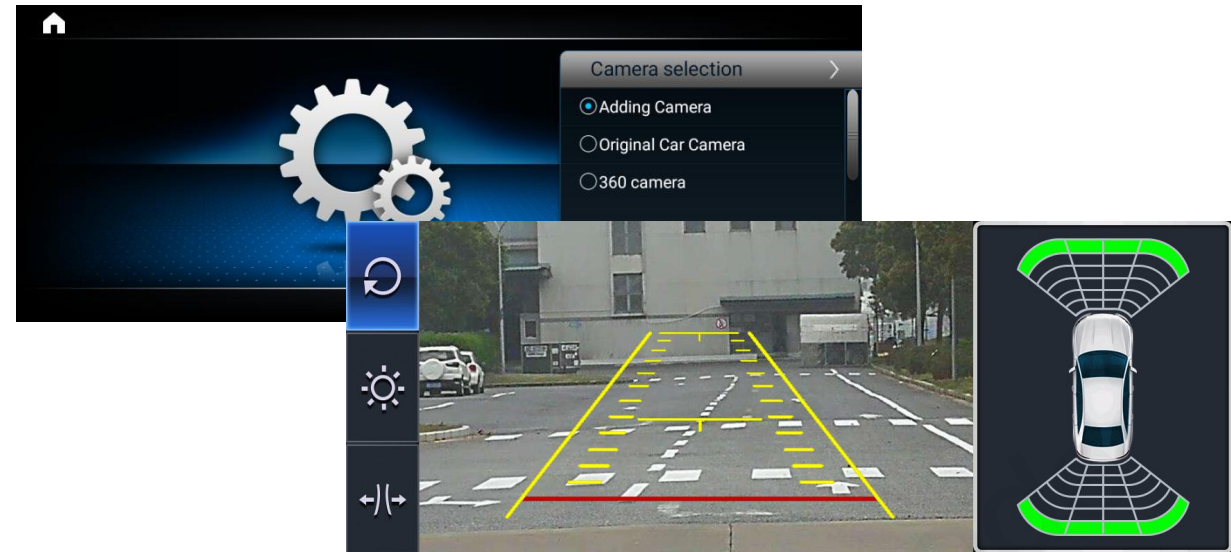
Settings   Display   Radar

From here you can set brightness,contrast,reversing trajectory and sensor, and sensor/radar interfaces depends on original car with or without radar
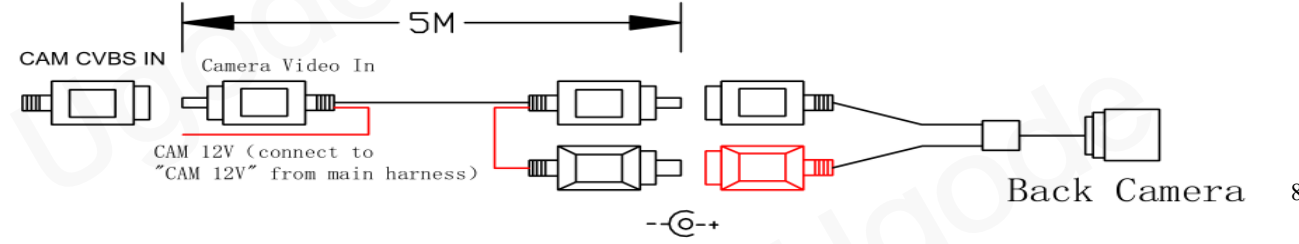
1. Plug camera power connect to power supply cable; two yellow connectors plug together;

2. Red wire(on external cable) connect to CAM 12V; yellow connector connect to android CAM CVBS IN

3. Red and black power supply cable, red connect to red on external cable,black wire protected by tapes.
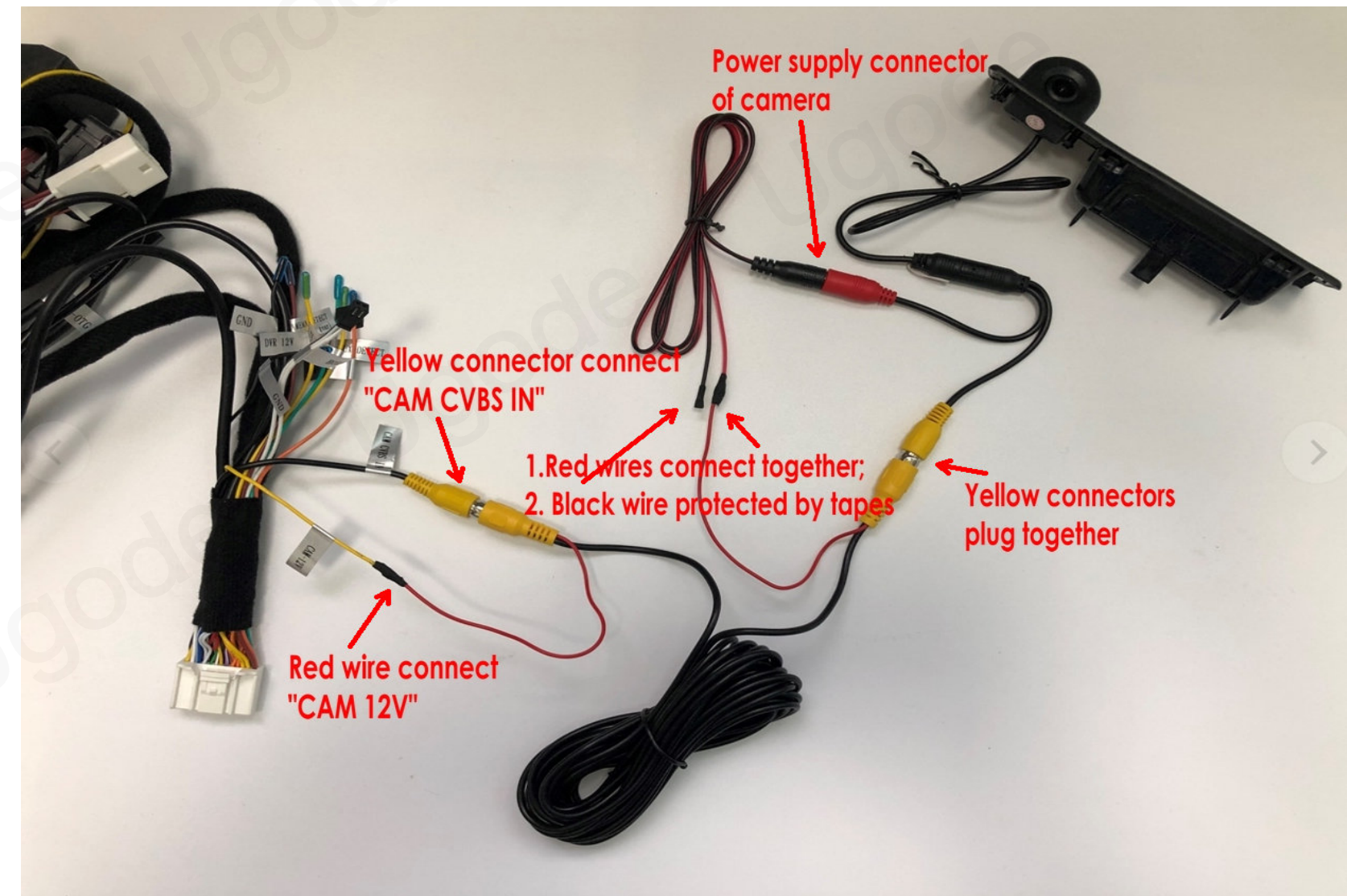
14. Settings

Please choose the option carefully before setting, the wrong operation

may not be the effect you need!

1.Settings Menu

1

2

2.System Settings

Mainly for the following Settings

1）Mirror Reverse Camera

When the camera is selected, the rear view camera just happens to be reversed.

2）Disable Video In Motion

*For your safety, watching Video is forbidden when driving.

3）Parking lines; Park Distance Control

Through the machine, the traffic trajectory and obstacles behind the vehicle are clearly visible.

4）Rear view camera type

Choose the correct one according the one you use.

5）Brightness

Please keep the Default brightness. If set it too bright,the screen will be heat.

6) Mute while on reverse

7) AUX Position for Android sound setting

According to AUX position in Radio menu, set it here, details refer to setting instruction

8) Unit of Temperature   Change temperature between Celsius and Fahrenheit
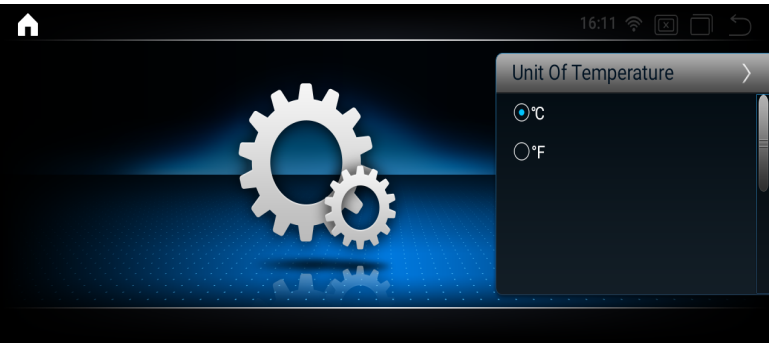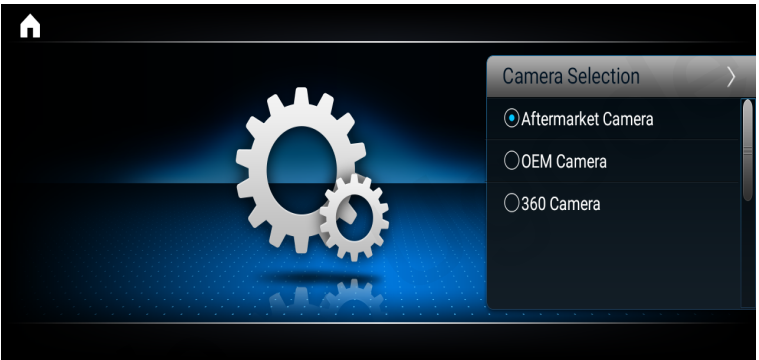
3.Navigation Settings

Choose the Navigation Application you need.
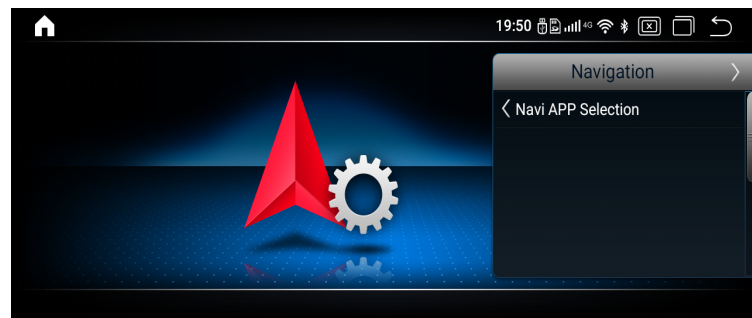
4.Audio

Please set it according to the preference of the customers.

The volume of Bluetooth and navigation can be set here

5.Sound settings

Set the middle and low treble size when playing music, and users can set the sound according to their own preferences.

6.Language

Support Simplified Chinese / Traditional Chinese / English / German / Spanish / Korean / Italian / Dutch

7. Time setting, 12H and 24H type set

Time system
12H or 24H

Switch the original car time
and
Android time

8.System Info

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

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

9 .Android
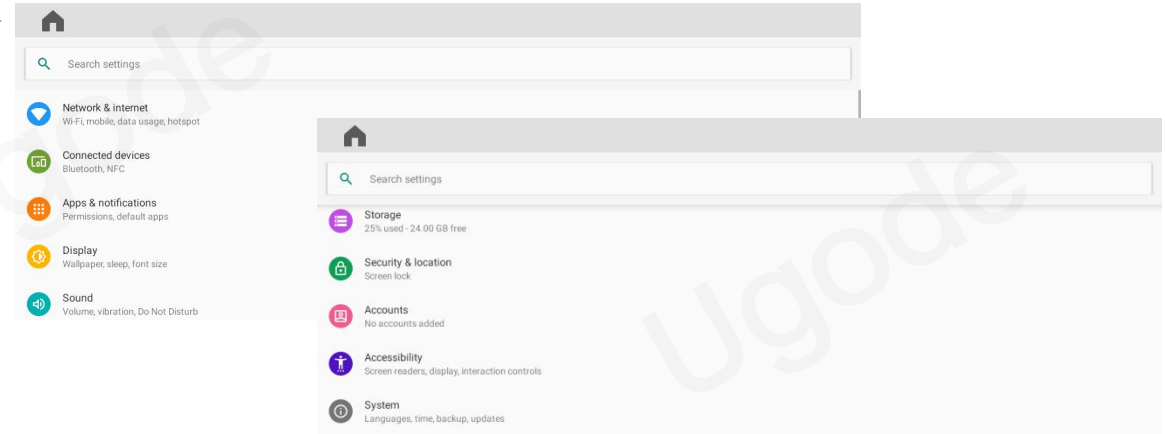
It is Android original settings.Please set it according to the

preference of the customers

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

1. Wifi connection: Turn on Wifi in unit , it will search network nearby,
   open your mobile hotspot, choose mobile hotspot name on unit,
   enter password to connect Wifi onto network.
2. Display font size can be set
3. More languages, time zone, can be set in system
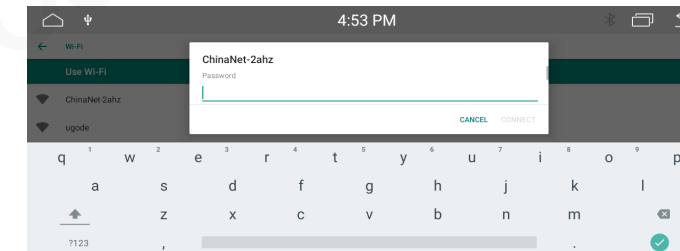
When you use Carplay, each time power again, WIFI will be turned off,

if you want WIFI connect automatically, remove Z Link in factory set,refer to 16-1 Set

15. Factory recovery

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

2. Path: Android Setting--System--Reset Options--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.
  If use android Bluetooth, please disconnect to OE original bluetooth.

4. After factory recovery, 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.
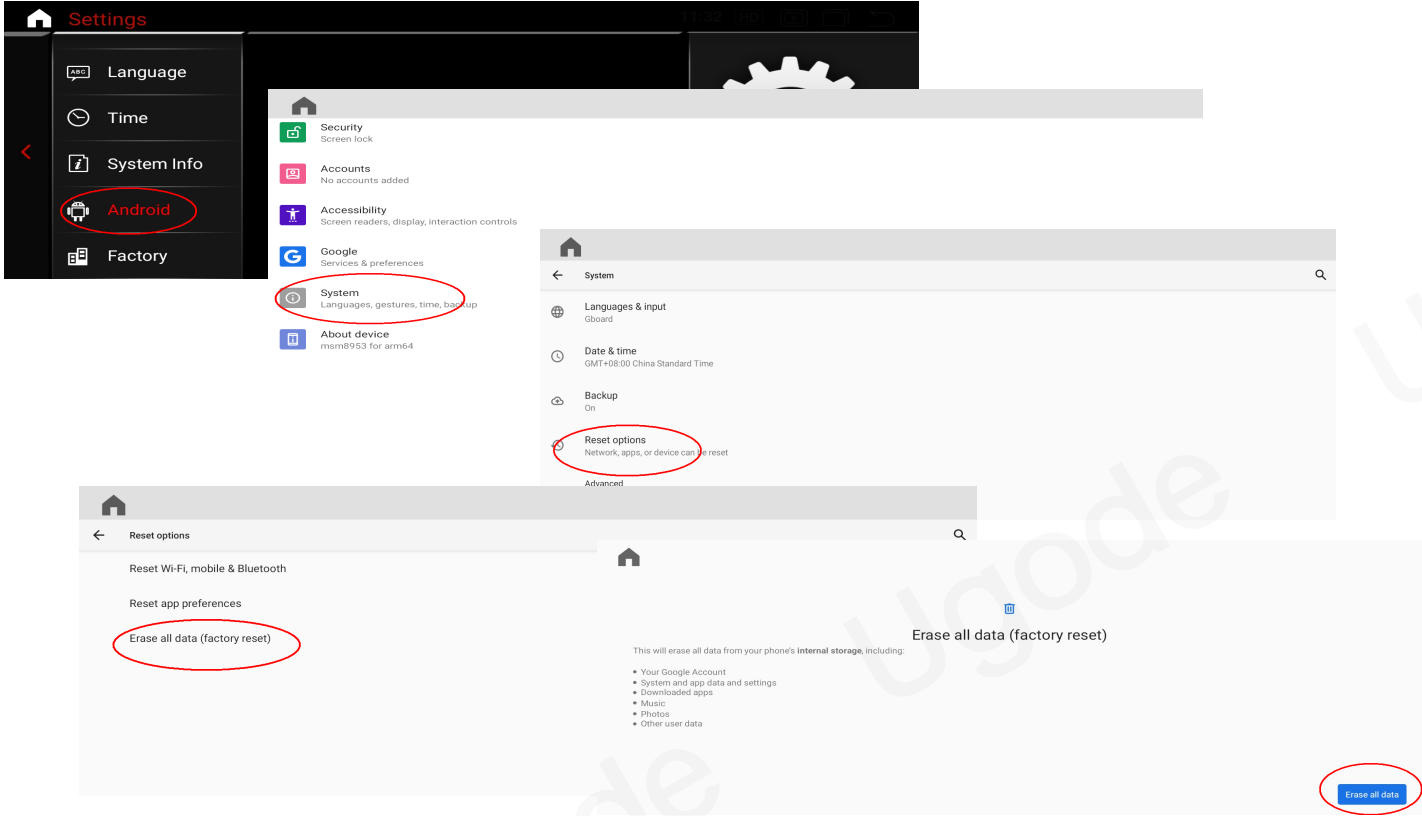 After activation: Connect android WIFI to internet,
  Reset, and pair bluetooth to iphone to enter into carplay function.
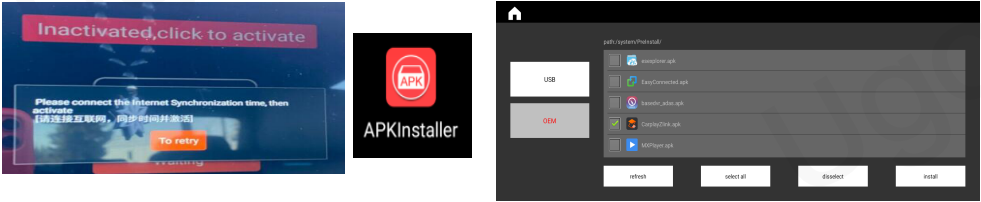
5. After factory recovery, there is default Chinese Input, if you dislike it, can close it
  as following steps:

  Android Apps-Settings-Apps&notiflcations- SEE ALL 25 APPS-   -DISABLE-
   DISABLE APP
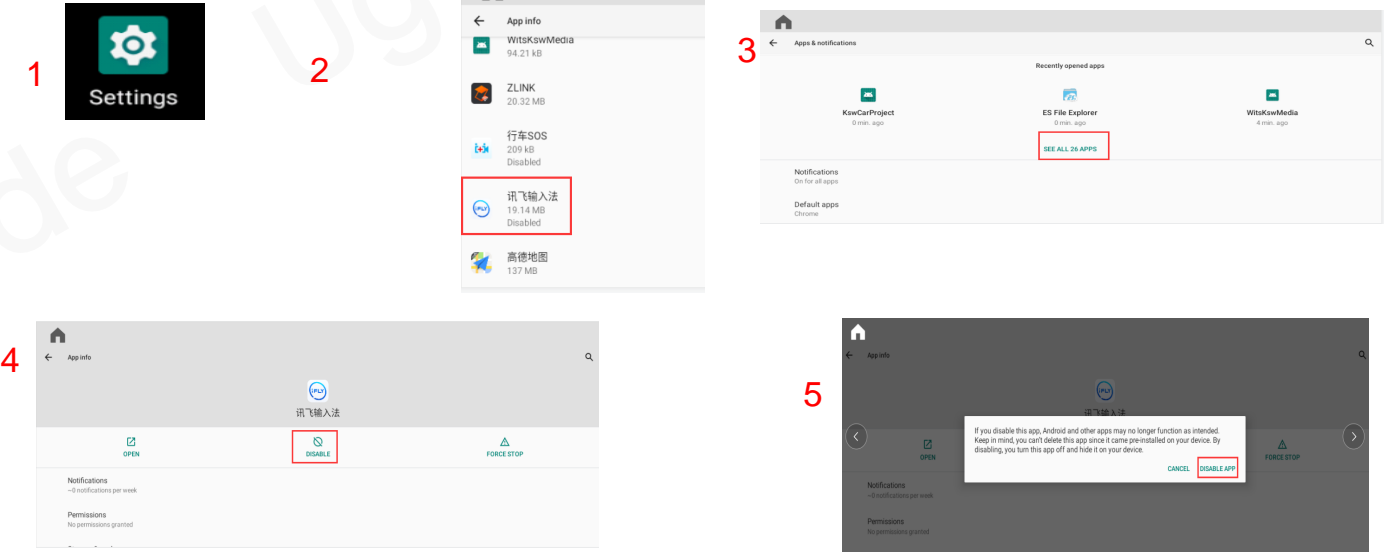
16.Factory Setting

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 Wifi connection automatically after power on,
in Factory Set, remove the option of " Z -link ". then wifi pair automatically after restart unit.
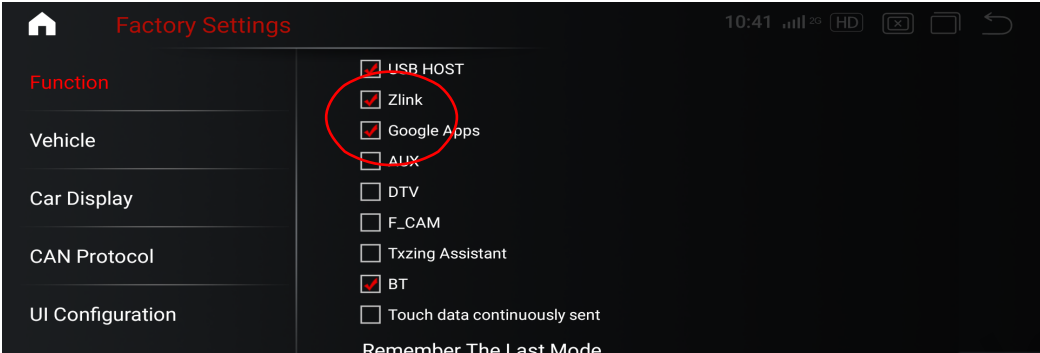

2. Last Mode set: Rnable: remeber last mode before power off
Below to option is each time power on, start on OEM radio or Android menu

DVR set: if you dont have DVR, close it, if you use DVR, choose CVBS or USB accordingly.
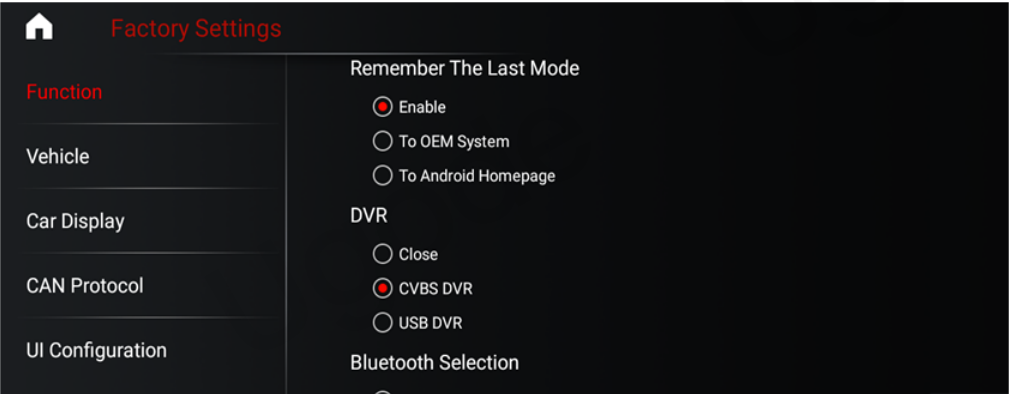
3.Set for Android Bluetooth or Original Bluetooth..
Amplifier set, please don't change it.
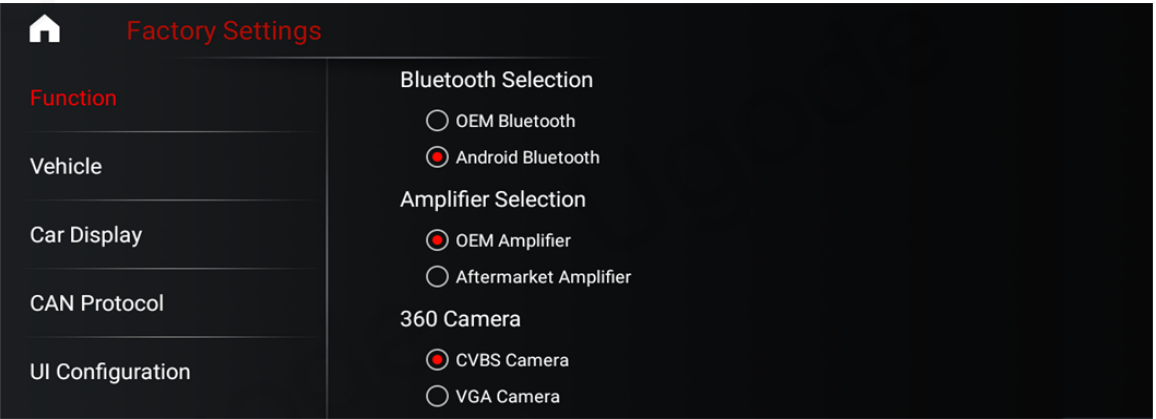
4.Change Unit for KM and MPH : Factory setting--Function--Unit Selection:
Metric Unit and Imperial Unit.

13
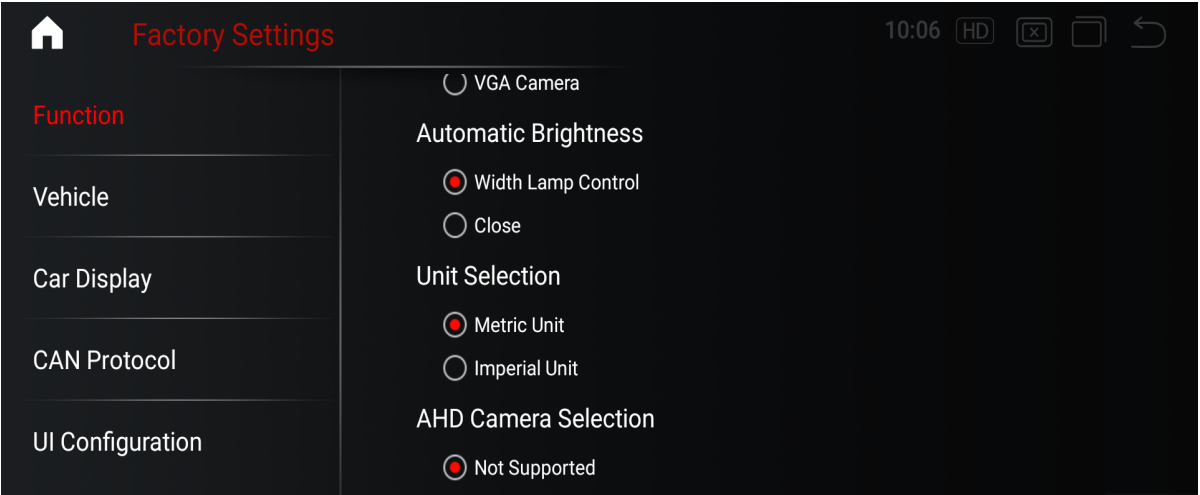
5. Set for AHD camera, for HD1920*720 screen, it supports AHD camera
   Set according to camera specification to get best image display, such as 720P-25HZ
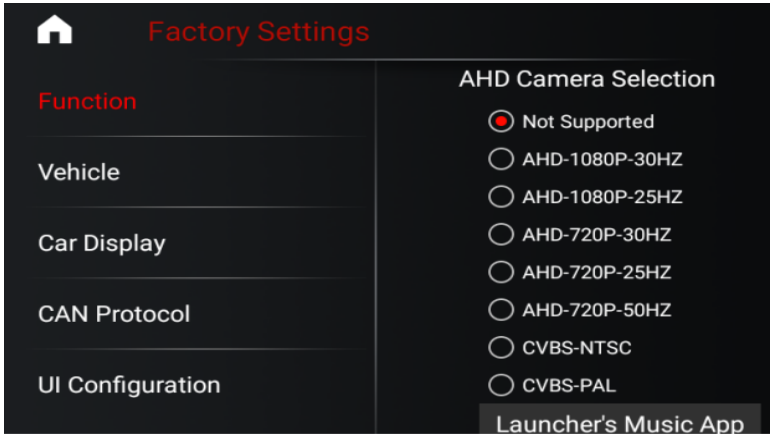
6. Launcher Music APP: you can choose APP you use for music display
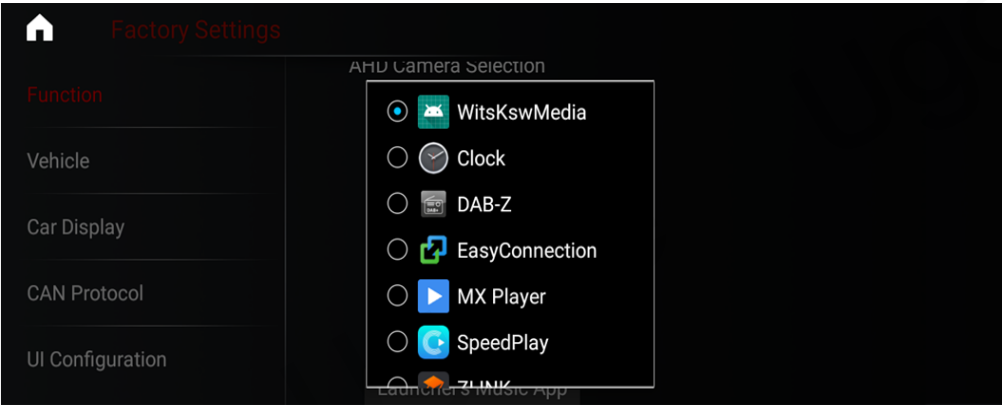
7. AUX switching modes for sound, if no sound issue, please check this.
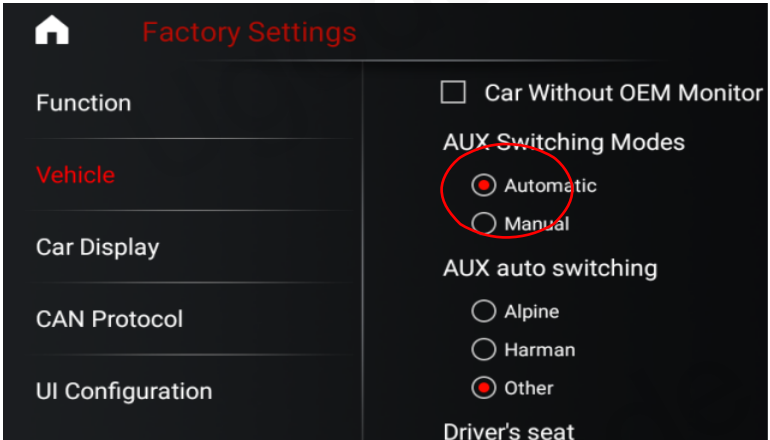
8. Set for Right hand drive car, door display on right, default is left.
   Set for 4 doors or 2 doors in dashboard display, default is 4 doors.

14
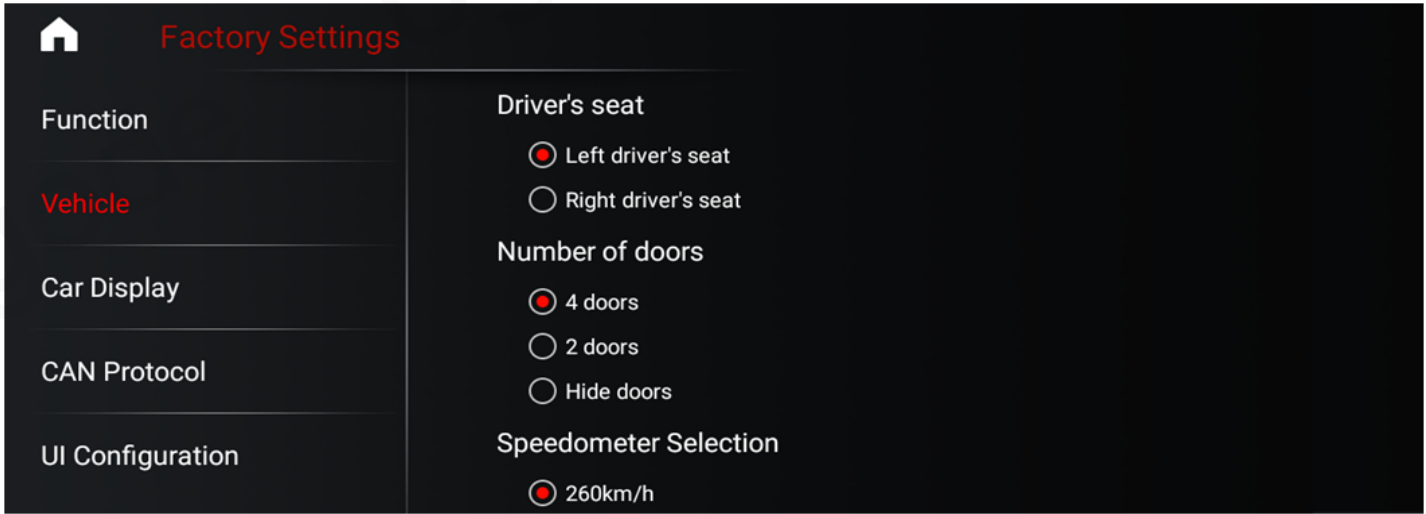
9.Speedometer Selection: for biggest speed

Gear Selection: default is grear type 1 Automatic for NTG4.0&4.5 cars, no need change.
For NTG5.0 if reverse camera not work, chang to Gear type 2 or 3.
MAP KEY Selection :for map button on steering wheel for Android Navi or OE original GPS
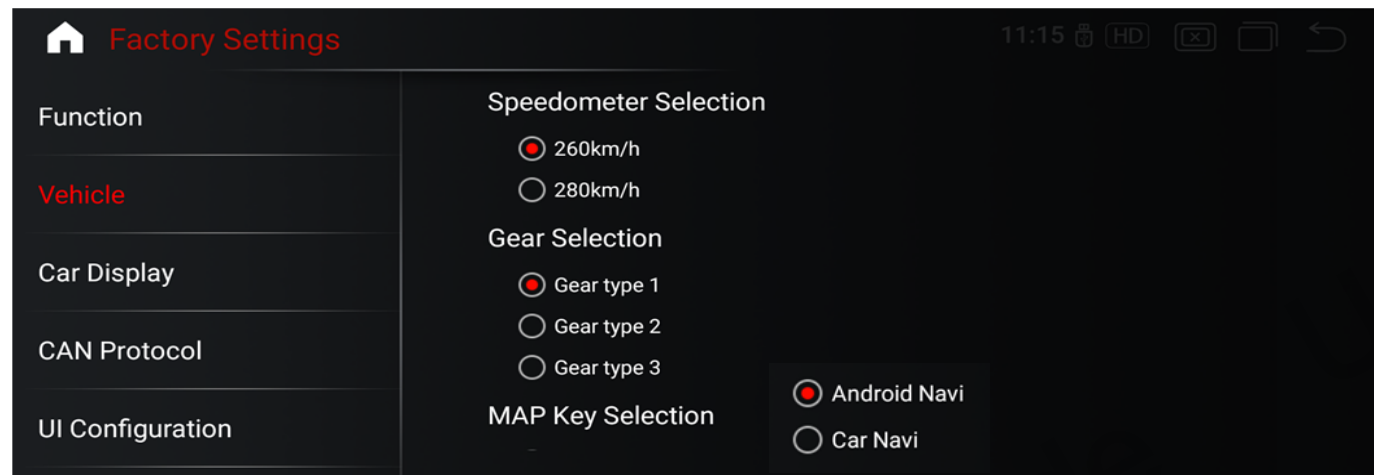
10. For Benz S W221 control Panel, open it here to show on main menu
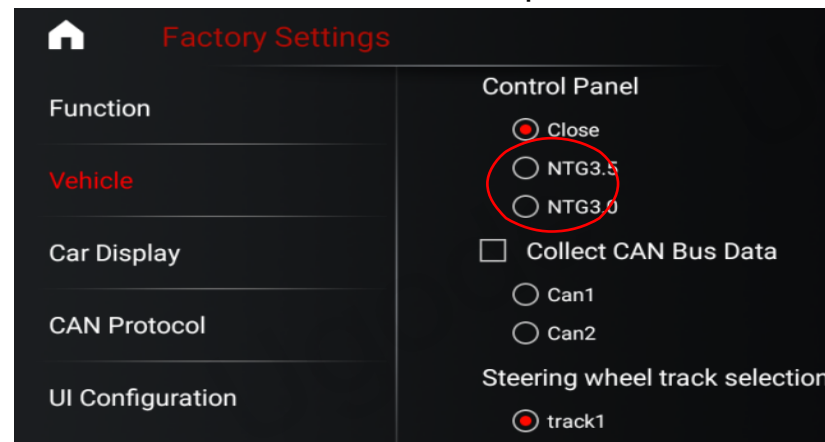
11. Steering wheel track selection: 1 track not wave; 2 track wave

Air Conditioner set as default to show Air Condition information.
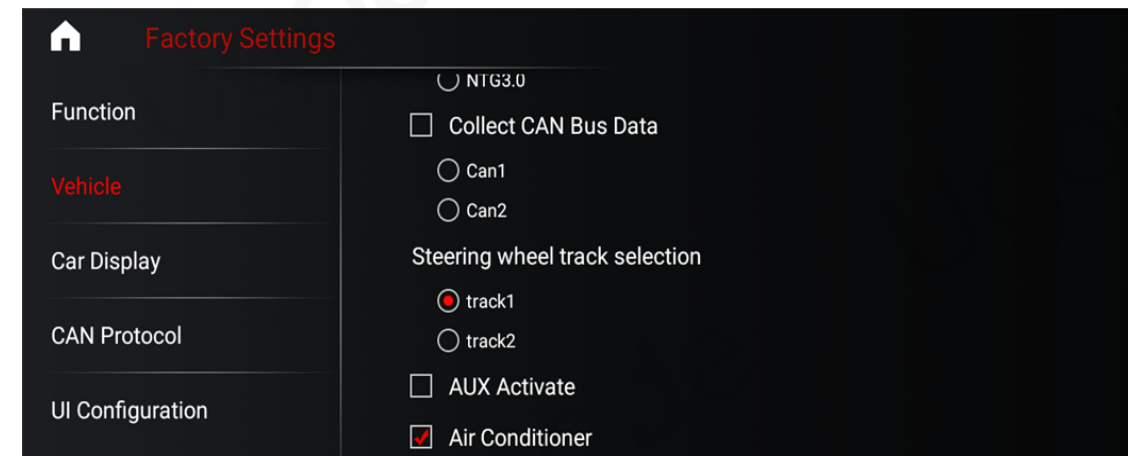
12.Set for steering wheel button function for Navigation.
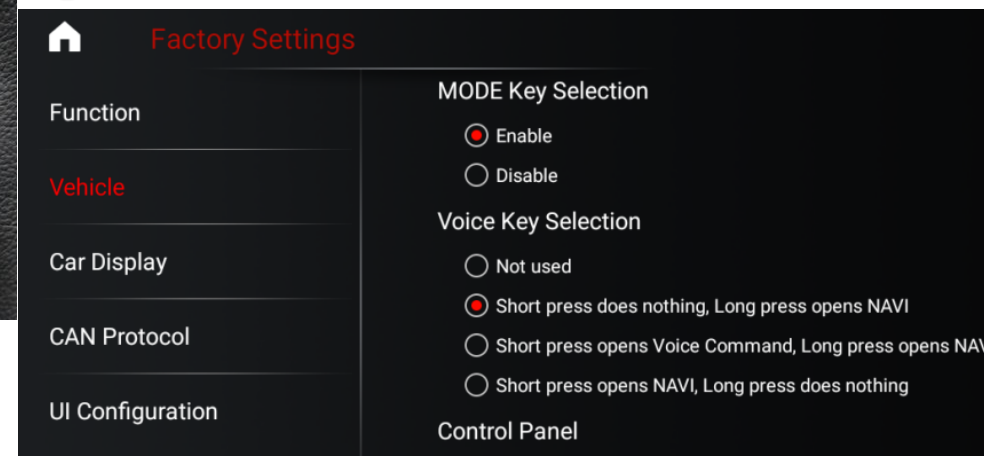
13. Car Type set for OEM original radio display, according to car system and screen size.

Factory Settings	
Function	Current Selection: [05]NTG5.0_8.4"
Vehicle	[05]NTG5.0_8.4"
Car Display	[06]NTG5.0_8.4"(half screen)
CAN Protocol	[07]NTG5.0_7.0"_8.0"(2016~)
UI Configuration	[08]NTG5.0_7.0"_8.0"(2016~)(half screen)
	[11]NTG4.5_400x240_5.8"(2013~2015)
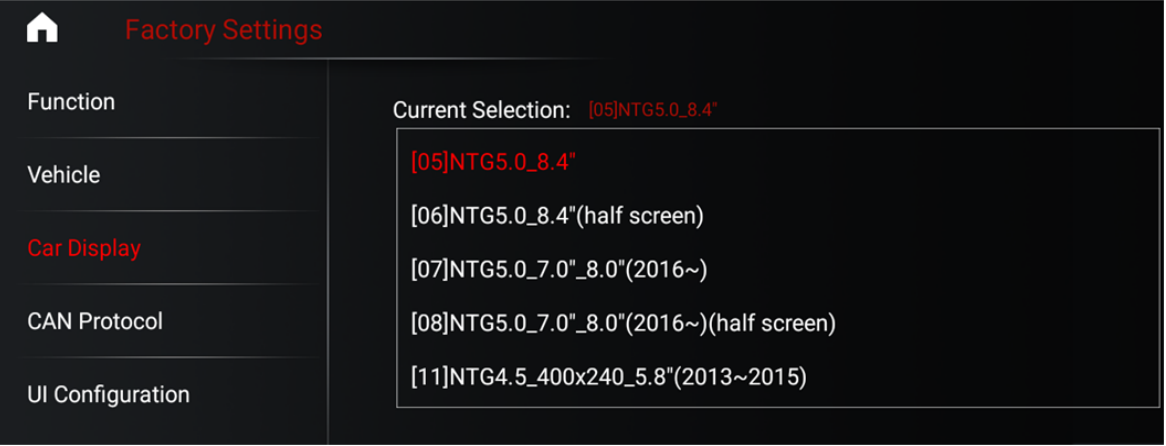
14. CAN Protocol is set before delivery, please don't change.

If BENZ NTG 5.1 car joystic not work, please choose [1] 5.0A; NTG5.0 &5.2 is default [0] 5.0C

Factory Settings	
Function	Current Selection: [2]BC_Protocol_type_4.0
Vehicle	[0]BC_Protocol_type_5.0C
Car Display	[1]BC_Protocol_type_5.0A
CAN Protocol	[2]BC_Protocol_type_4.0
UI Configuration	[3]BC_Protocol_type_4.5
	[4]BC_Protocol_type_3.5
	[5]BC_Protocol_type_3.0
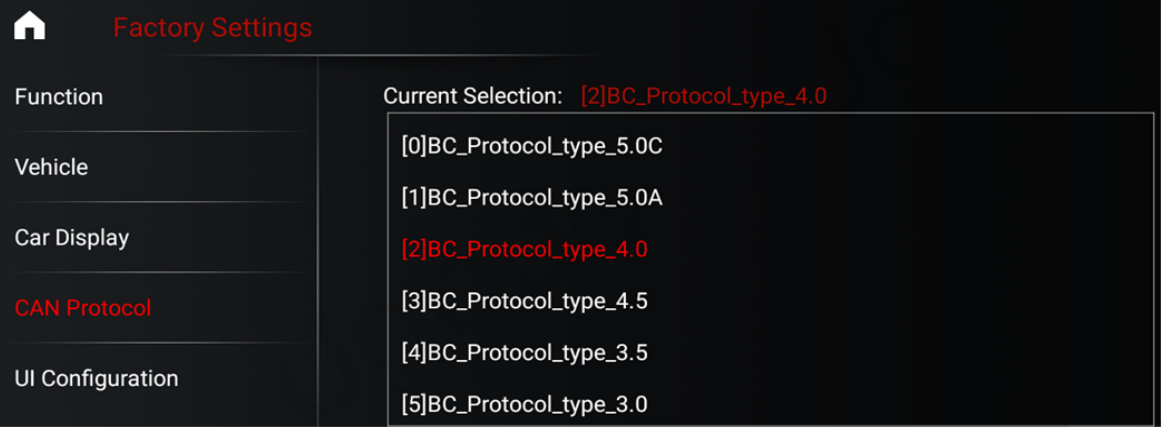
15. Three UI menu design can be choosen.

| Factory Settings	
Car Display	UI Selection
CAN Protocol	UI_NTG5.5
UI Configuration	UI_MBUX
Profile Import	UI_NTG5
Boot Logo	
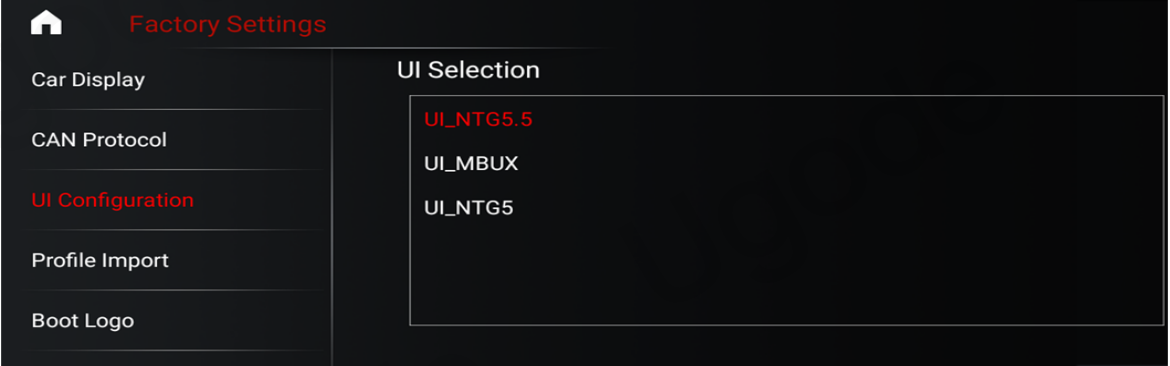
16. Start Logo set, you can choose the logo here, if import file, please contact us.

Factory Settings	
Car Display	
CAN Protocol	
UI Configuration	
Profile Import	
Boot Logo	Page 1 Page 2 Import

16
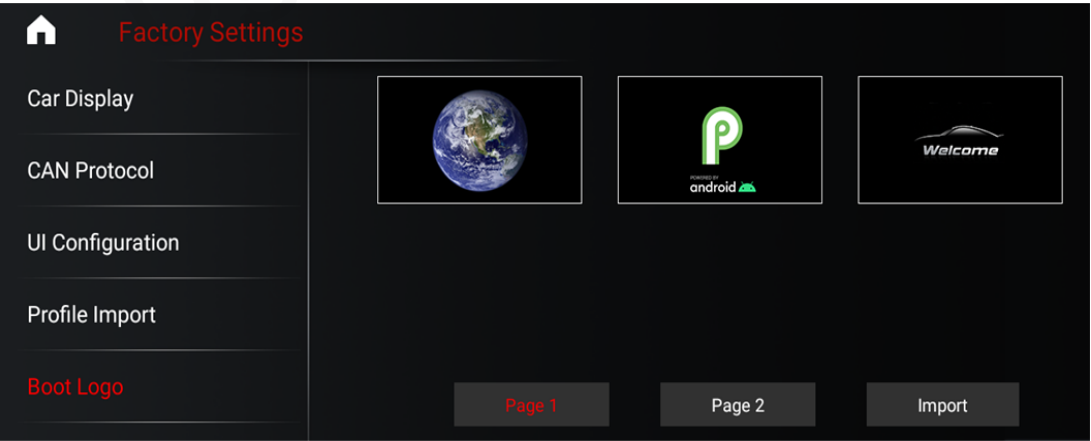
17. Please dont operate this menu!

When connect, BENZ NTG5.0 , plug USB audio box to power cable and car USB po

If car has AMI port, use AMI cable,plug on AUX plug, if no AMI port, no need to use

17
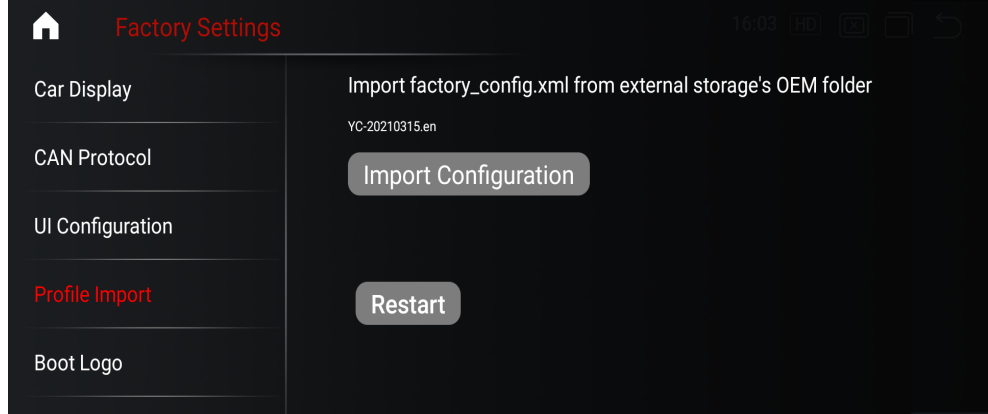
1.BT 12V　　2.USB　　　3.Audio OUT　　4.AUX DETECT　5.DVR 12V

6.GND　　　7.DVR IR　　8.Camera DETECT　9.GND　　10.HORN

11.Camera 12V　12.Camera CVBS IN

13.40Pin Male plug(connect to the car stereo)

14.40Pin Female plug(connect to the factory radio plug) 17.GPS Antenna

18.USB-OTG　　19.DVR CVBS IN 20.NTG4.0 LVDS 12V　　21.LVDS IN

1.4.7.8 no need to connect.

5.19. Connect DVR. (optional)

11.12. rear camera connect. (optional)

10. Connector for external small speaker. (optional)

21. Connect to original LVDS cable.

Panel information

TF Card

Reset

MIC

Power

GPS Antenna

USB&LVDS

Accessories

NTG5.0

1. Power Cable

2. USB& LVDS plug

3. Audio Box

4. Fakra GPS Antenna

Frame stand is included according to each model.

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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 or NTG4.0/NTG4.5/NTG5.0 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) .

For Benz NTG4.5/4.7 and NTG5, If you want AUX automatic switch, needs to set correct AUX position in android setting , or else no sound, details refer to setting instruction.

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: Why my knob control/steering wheel control/OEM rear camera not work?

A: It is wiring issue usually.

1. First please check the fibre optical to see if you have moved it from OEM connector to android connector.

   need to match the correct plug connection with your radio type .

3. Please choose the CAN Protocol type in factory settings according to your radio type.

4. Please choose OEM factory camera in android settings-camera types.

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, it means canbus is communicating and fibre optic is well relocated. or check the dashboard icon and see if the information is changing correctly.

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