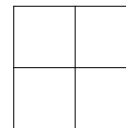


android screen

Android

Intelligent Navigation  
User Manual



**English**

**Version: 08**

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## 1. User of Navigation

### 1. Main Menu First Page



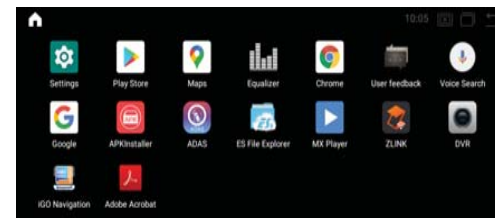
Navigation; Video; Music; Bluetooth; NTG Menu (original radio system)

### Second Page



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.



New UI Different UI can be choosed in factory setting



2. Music Player

1. Music player interface function operation



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



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

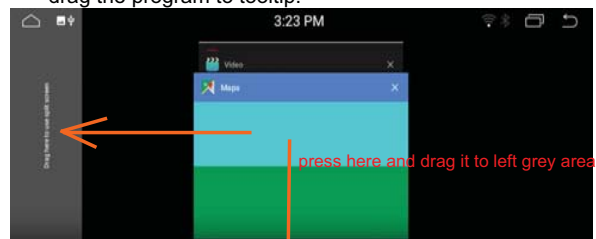
Video Format:MP4、 AVI、 MKV、 WMV、 MOV、 FLV

### 3. Split Screen

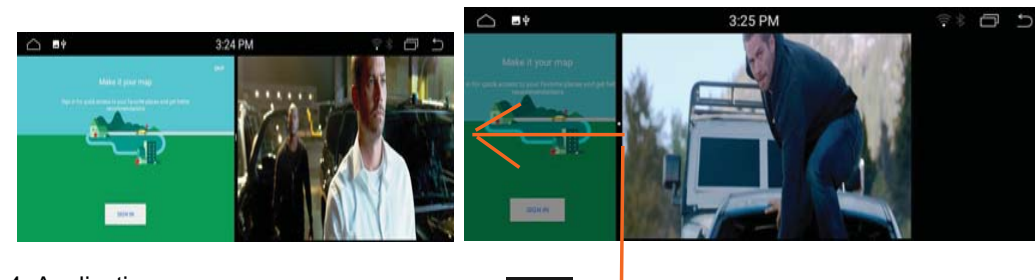
3.1 Press menu key on the right top corner in main menu or other menu .



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



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



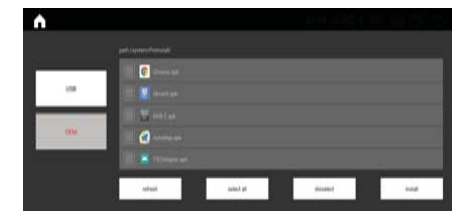
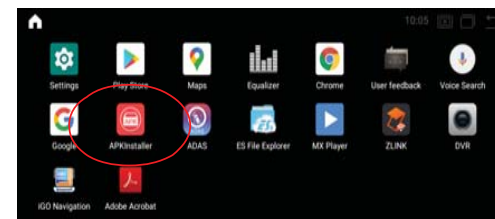
### 4. Application

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



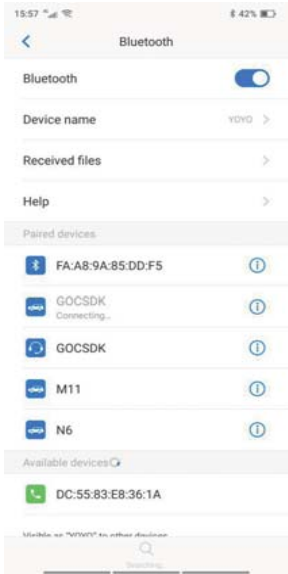
3.2 Long press the App icon to uninstall the application

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



5. Telephone

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



Device name is: GOCSDK  
Password is: 0000

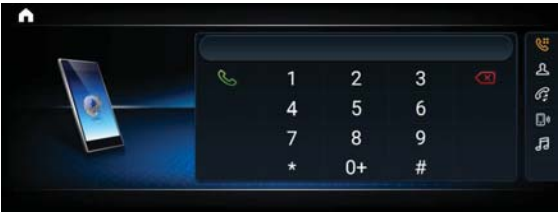
\* When use Android bluetooth  
Disconnect original bluetooth  
If you use original bluetooth,  
Disconnect android bluetooth, not pair both

\* 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 uninstall 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 show connected, and ready to call



2. Making a Phone Call



3. Telephone Address Book  
4. View the Call History



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

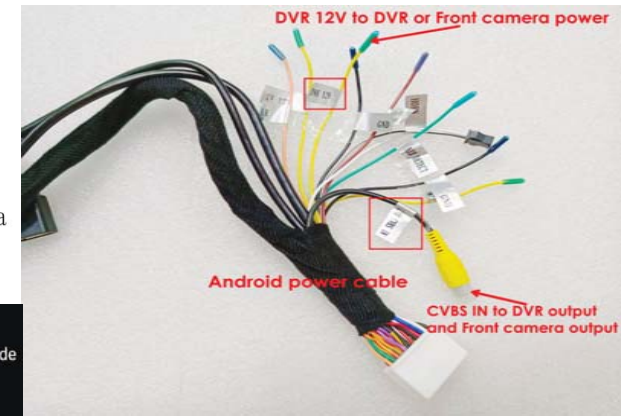
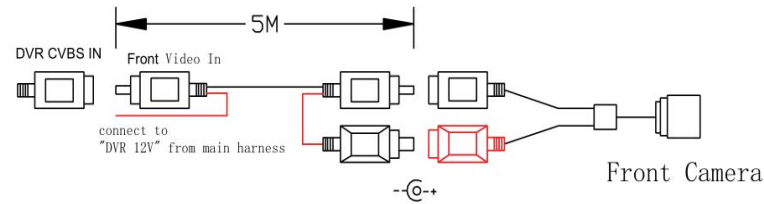
7. Dash Board

- 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

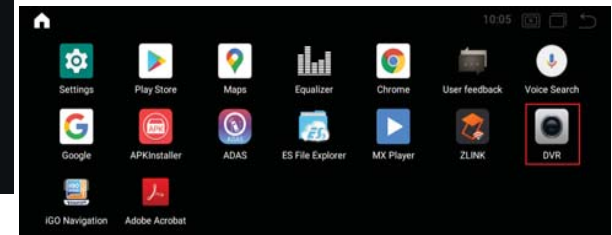
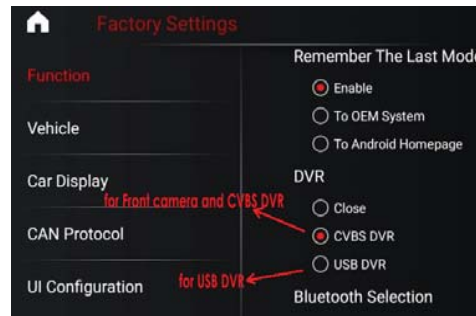
- 1) Connect "DVR 12V " Cable to DVR power;
- 2) Connect "CVBS IN" to DVR output.
- 3) In factory set, choose option CVBS DVR
- 4) Choose DVR icon in APP of android menu

### 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.





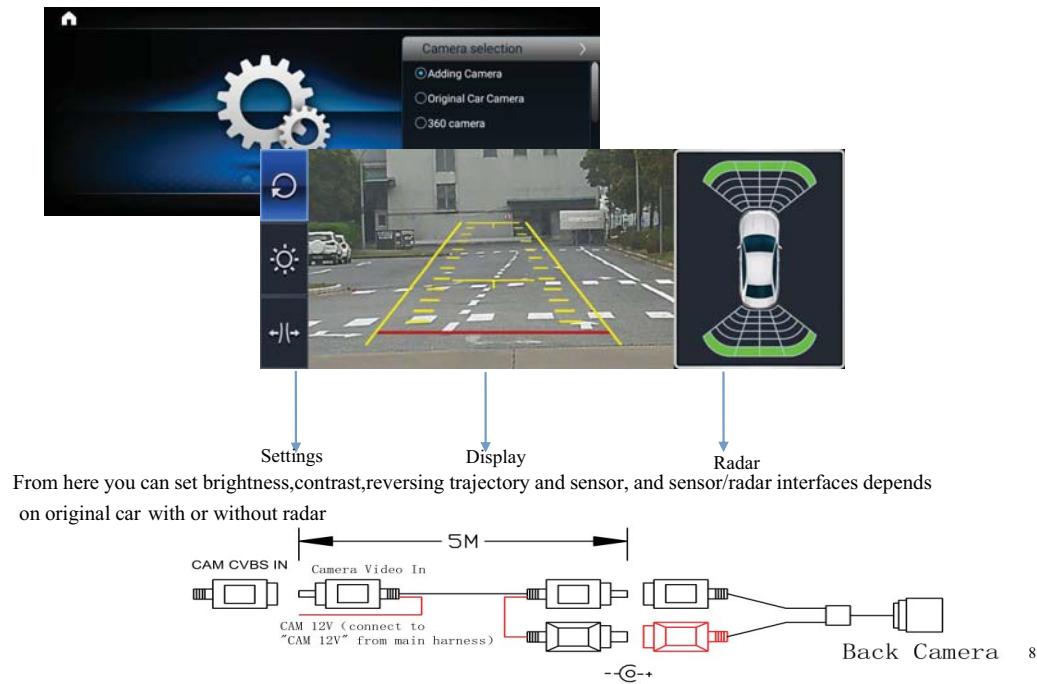
## 11. ES File Explorer

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

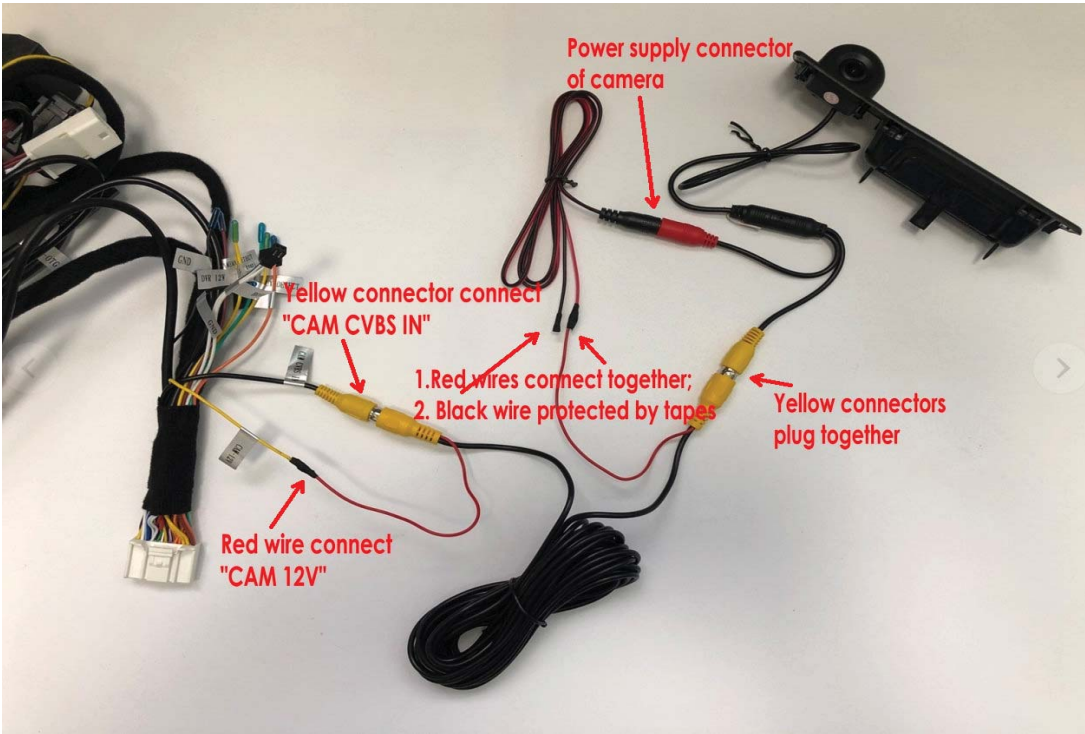


12. Rear Reverse Camera Setting & Connections

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.



- 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.



### 13. 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 to the one you use.

##### 5) Brightness

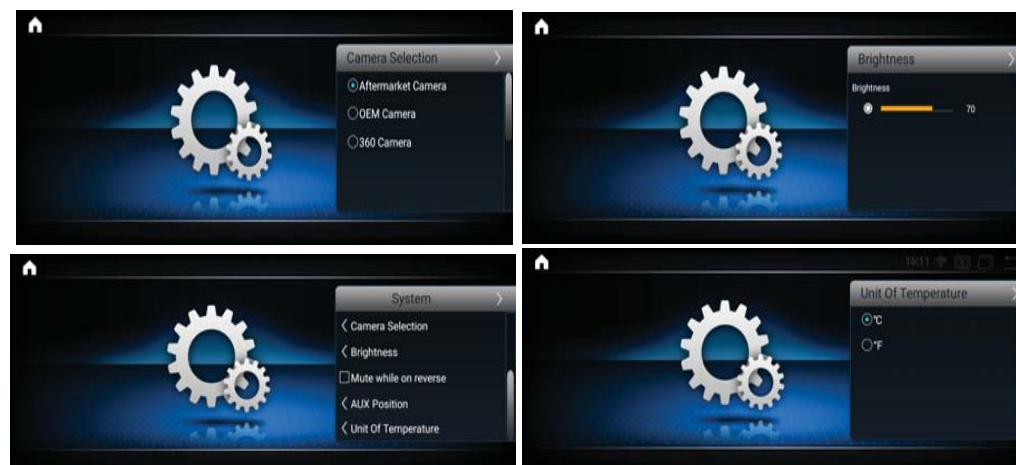
Please keep the Default brightness. If set it too bright,the screen will be heat.

##### 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



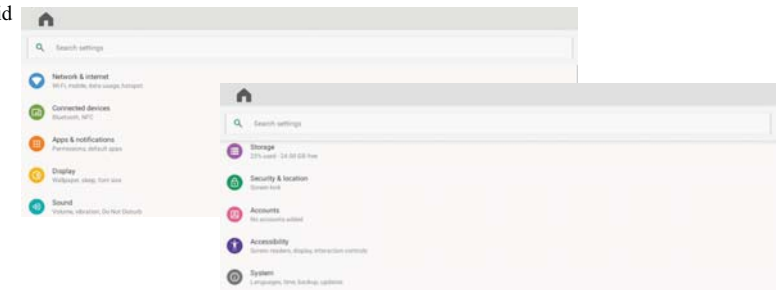
## 8.System Info



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.

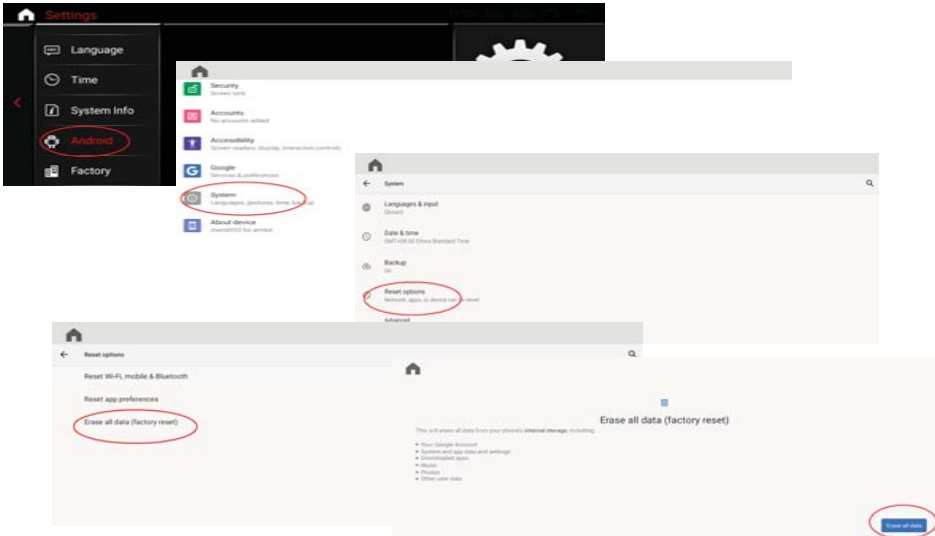
1. Wifi connection: Turn on Wifi in unit , it will search network nearby, open your mobile hotspot, choose mobile hotspot name on unit, enter password to connect Wifi onto network.
- 2.Display font size can be set
- 3.More languages, time zone, can be set in system



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

14. Factory recovery

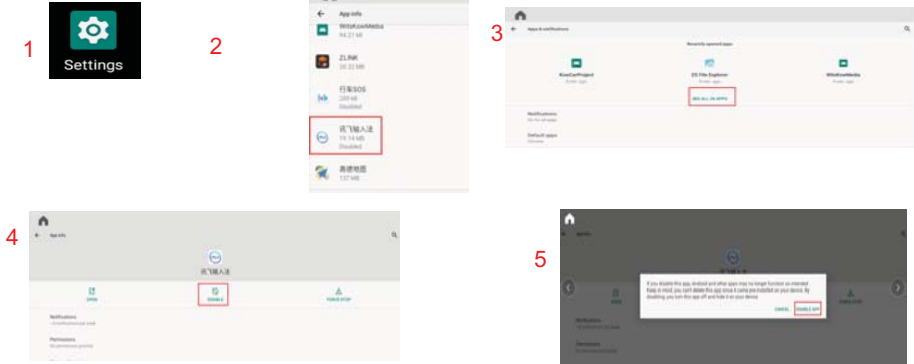
- 1. Please don't do factory recovery without instruction.
- 2. Path: Android Setting--System--Reset Options--Erase all data



- 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, there is default Chinese Input, if you dislike it, can close it as following steps:

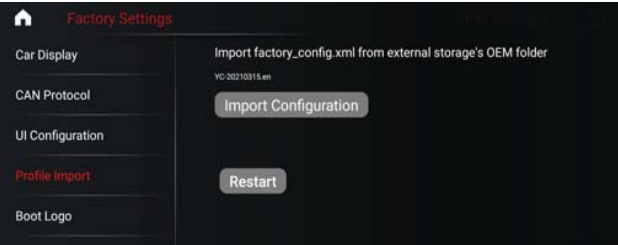
Android Apps-Settings-Apps&notiflcations- SEE ALL 25 APPS- 讯飞输入法 -DISABLE- DISABLE APP



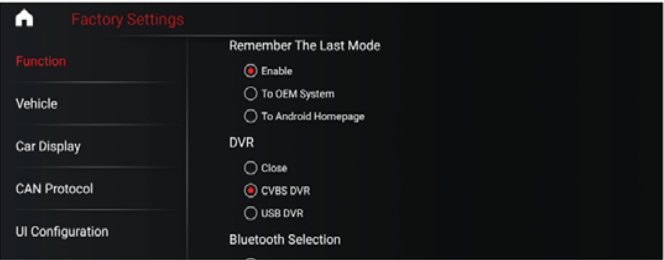
15.Factory Setting

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.

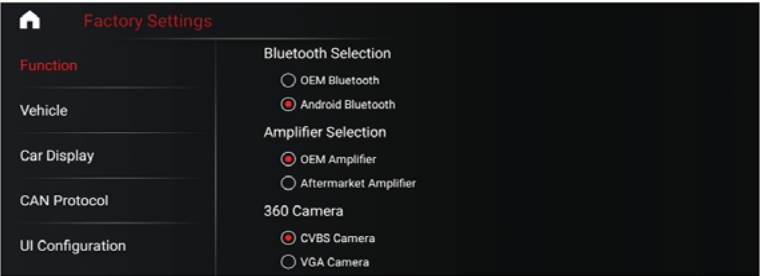
1. Please dont operate this menu



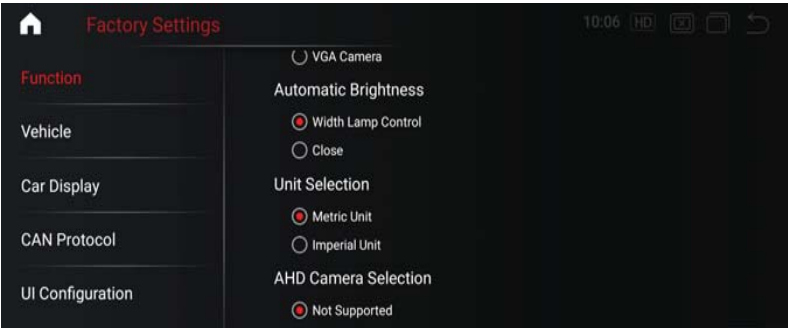
2. Last Mode set: Rnable: remeber last mode before power off  
Below to option is each time power on, start on OEM radio or Android menu  
DVR set: if you dont have DVR, close it, if you use DVR, choose CVBS or USB accordingly.



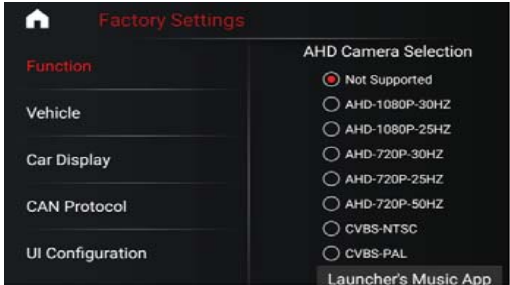
- 3.Set for Android Bluetooth or Original Bluetooth..  
Amplifier set, please don't change it.



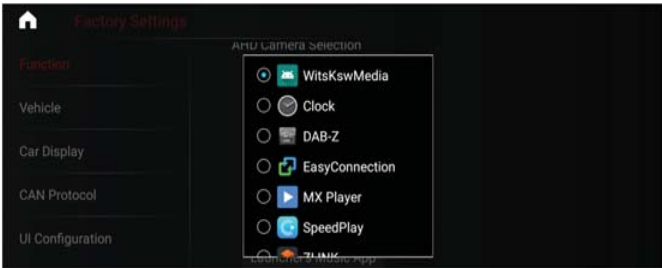
- 4.Change Unit for KM and MPH : Factory setting--Function--Unit Selection:  
Metric Unit and Imperial Unit.



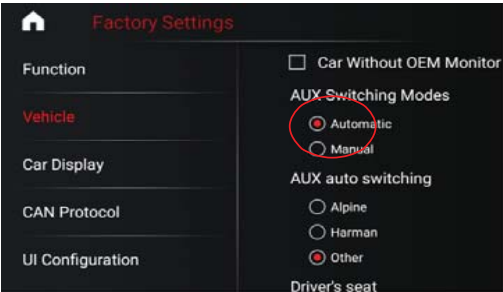
5. Set for AHD camera, for HD1920\*720 screen, it supports AHD camera  
Set according to camera specification to get best image display, such as 720P-25HZ



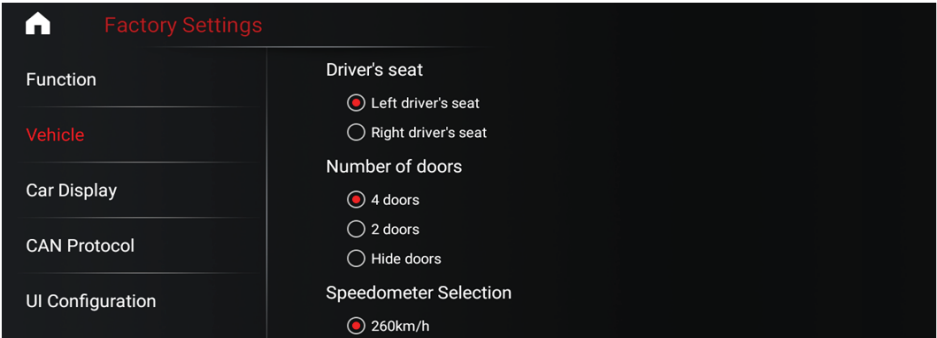
6. Launcher Music APP: you can choose APP you use for music display



7.AUX switching modes for sound, if no sound issue, please check this.



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.



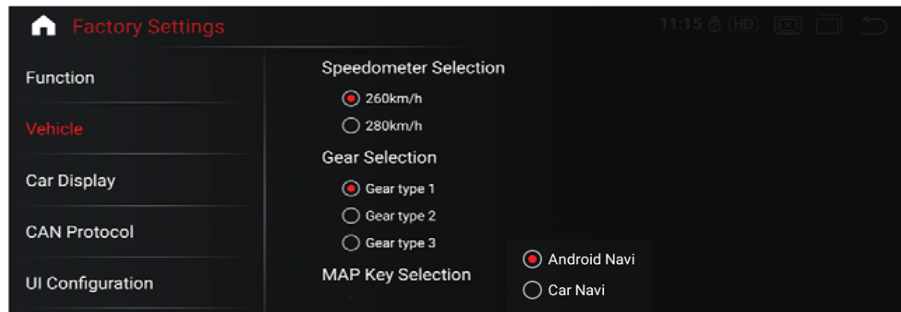


9.Speedometer Selection: for biggest speed

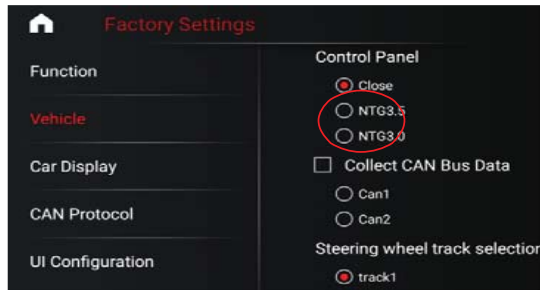
Gear Selection: default is gear type 1 Automatic for NTG4.0&4.5 cars, no need change.

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

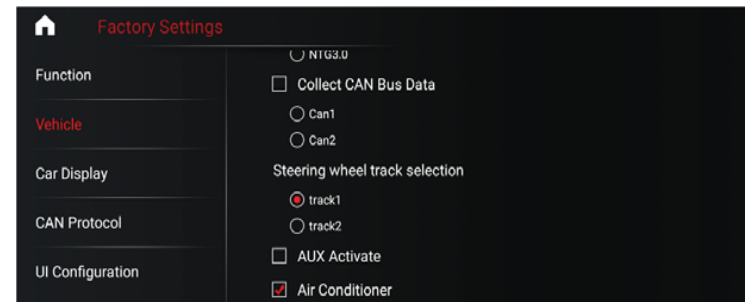


10. For Benz S W221 control Panel, open it here to show on main menu

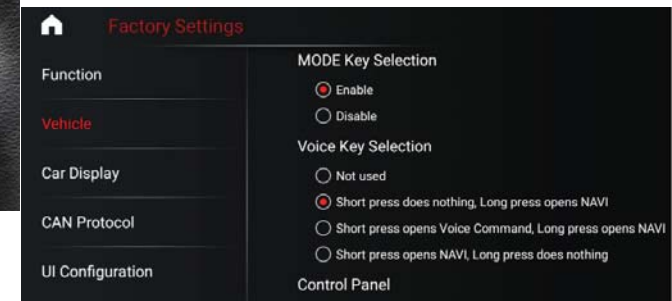


11. Steering wheel track selection: 1 track not wave; 2 track wave

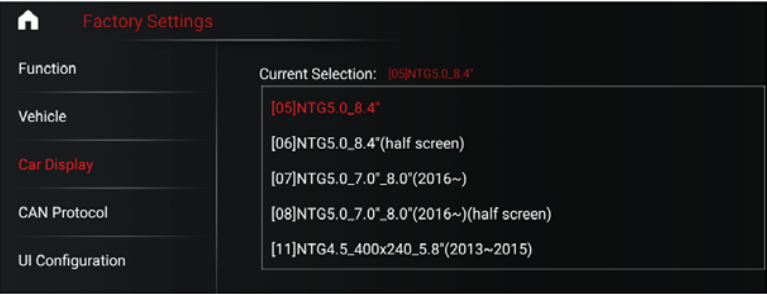
Air Conditioner set as default to show Air Condition information.



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.



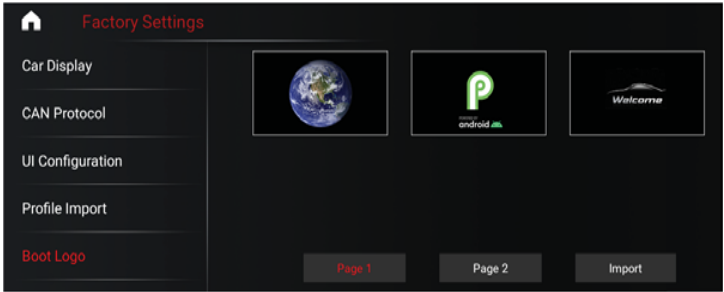
14. CAN Protocol is set before delivery, please don't change.  
If BENZ NTG 5.1 car joystic not work, please choose [1] 5.0A; NTG5.0 &5.2 is default [0] 5.0C



15. Three UI menu design can be choosen.



16. Start Logo set, you can choose the logo here, if import file, please contact us.



## Diagram



- |  |                   |                    |              |           |
|--|-------------------|--------------------|--------------|-----------|
| 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)
20. Power supply to NTG4.0 LVDS box.
21. Connect to original LVDS cable.

When connect, BENZ NTG5.0 , plug USB audio box to power cable and car USB port for sound; For BENZ NTG4.0 4.5, if car has round hole of AUX, plug AUX cable on power cable to it  
If car has AMI port, use AMI cable,plug on AUX plug, if no AMI port, no need to use it.

## Panel information



## Accessories

### NTG5.0



1. Power Cable
2. USB& LVDS plug
3. Audio Box
4. Fakra GPS Antenna

### NTG4.5&4.0



1. Power Cable
2. USB& LVDS plug
3. BENZ AMI Audio Cable
4. LVDS 10pin switch box for NTG 4.0
5. Fakra GPS Antenna

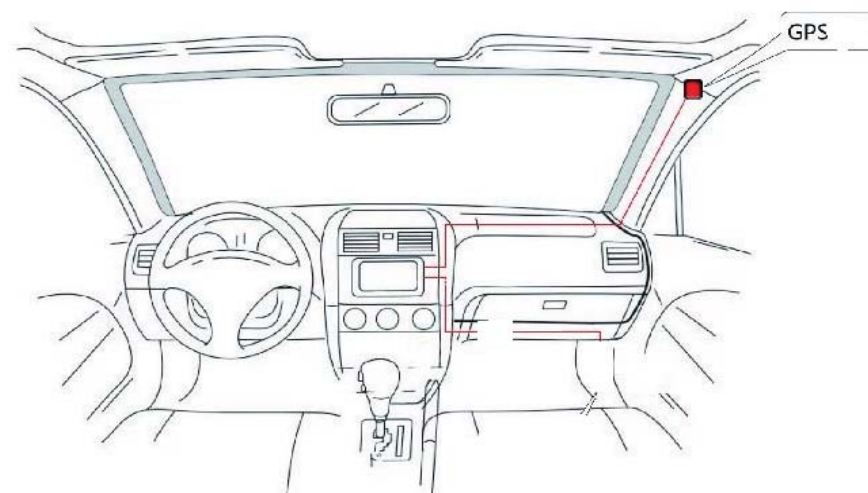
Frame stand is included according to each model.

## 9inch Panel and Accessories



The plugs on power cable for DVR (front camera), if no DVR device  
No need to plug these, and please keep the cap. Don't leave the metal exposed

## GPS Antenna position



## 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.
2. For Benz NTG4.0/NTG4.5, Please check if the white plug connection on harness is NTG4.0 or NTG4.5, 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.

## FCC Information

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.

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.

changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This equipment complies with FCC exposure limits set forth for an uncontrolled environment.

This equipment should be installed and operated with minimum distance of 20 cm between the radiator and your body.  
This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.