

# i) Basic Operation Setting

## 1. Power On / Off the machine

- When ACC is connected, press the power button on the front panel to switch on the machine
- Press the power button on the front panel to switch on machine. Turnoff the engine and unplug the car key to switch off.

## 2. Volume Adjustment

Press "⏮+ ⏭" on the front panel (some models with volume control VOL+/VOL- button on the front panel) to adjust the volume of the machine.

## 3. Mute Control

Press the left volume button to display volume bar on the display screen. Press the media volume to MUTE.

## 4. Backlight Control

Adjust the backlight at Display Setting under Car Settings.

## 5. Camera

The screen will be automatically switched to rear view sight when the car is at reverse position.

## 6. Playback Source Selection

At front panel, press Application to view Radio, Music, Video, USB play, TV (optional) or AVIN mode and options.


At homepage, touch APP icon to enter application interface. Please view the detailed operation manual of respective functions at the subsequent chapters. Slide left or right to switch between different home pages.

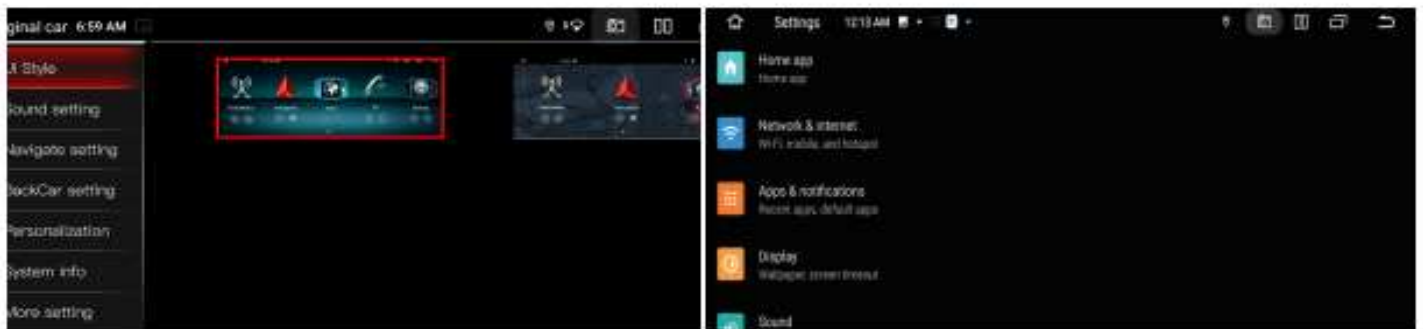


## 7. Playback Mode and Position Memory

When you reboot the machine, the system will resume to the earlier mode prior to shutdown. For radio, it will resume to the radio channel prior to shutdown. For music or video, it will resume playing the last song or video prior to shutdown.

## ii) Settings

Touch the icon "  " on the front panel to enter Settings interface. Select the corresponding option to enter the corresponding settings option. Move the options bar up and down to find the desired settings.




9

### ◆ Note:

Direction of ON and OFF mode under setting interface .

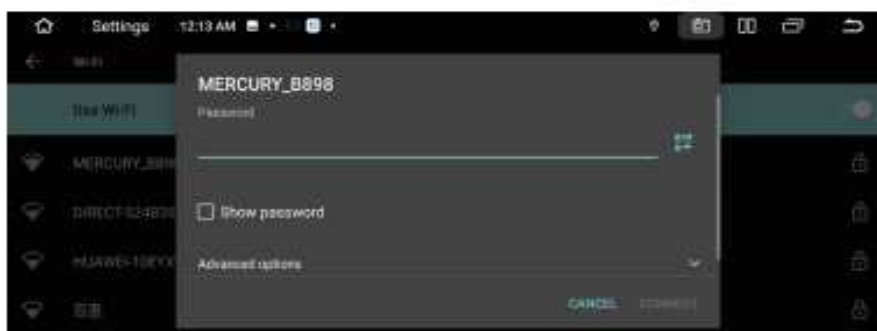
[  ] ON mode

[  ] OFF mode

## 1. Network & Internet

### 1.1 Wi-Fi Connection

Go to settings then Wi-Fi to ensure Wi-Fi is switched on to connect to the



As per the above picture, search for your desired Wi-Fi hotspot. Complete the Wi-Fi connection by inserting the password and touch Connect.

You may change the language type, language input and type of keyboard in this interface.

## 1.2 More

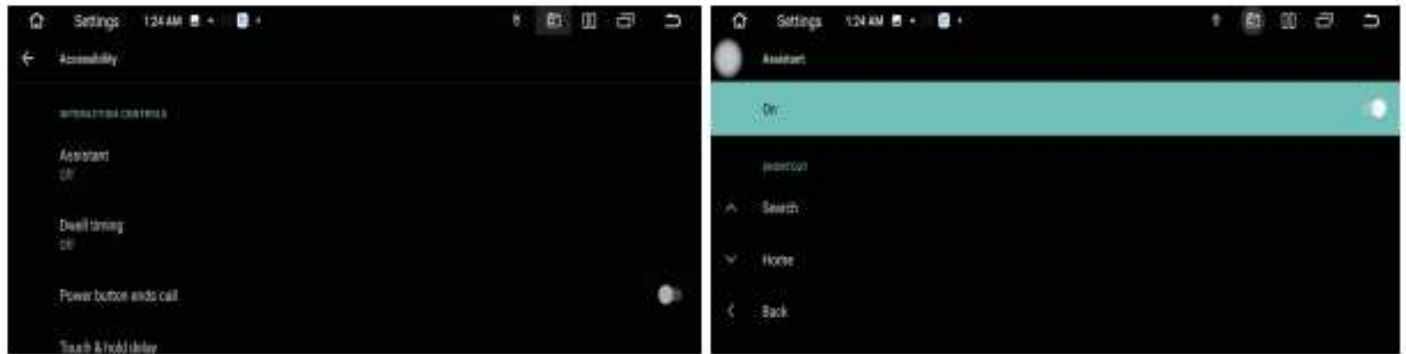
Setting of personal hotspot and VPN is allowed.

## 2. Car Infotainment

### 2.1 General Settings

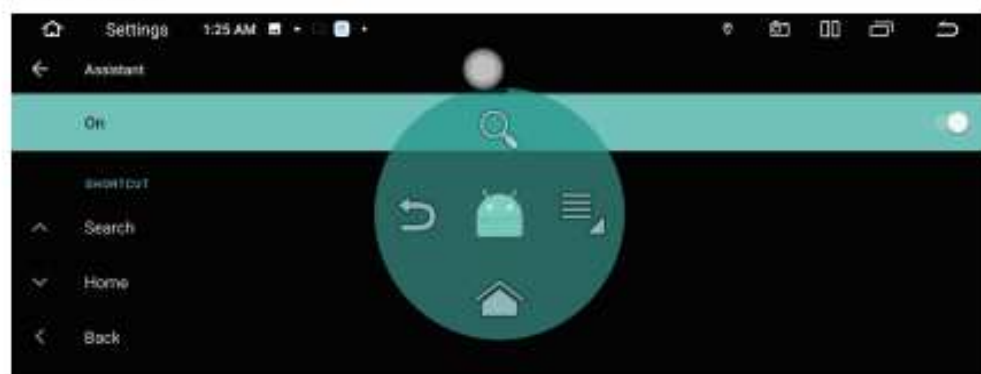
❖ Sleep mode

ON/OFF



❖ Touch Assist

User can choose to on or off the touch assist. The touch assist has 7 most commonly used options and is displayed on top of the screen at the interface where it provides the user easy maneuver of the machine.



### Reverse Volume Control

To adjust the volume while at the reverse position, select Reverse Volume Suppression. There are four options available namely None, Weak, Medium and Strong.

- ✦ Selecting None means there will not be any changes to the current defaulted volume. Selecting Strong means lowering down the reverse volume at most.



## Restore Factory Setting

Touch Restore Factory Setting, at the popup dialog, select confirm. When the machine restarts, the system will restore to factory settings. All your settings will be removed.

### 2.2 Display Setting

Adjust the display brightness of the background for different timing of daytime and nighttime.

### 2.3 Volume Option

Volume options for respective systems can be adjusted in accordance to desire.




## 2.4 Sound Effect

Enter sound effect interface by touching "Sound Effect" to access different sound effect modes.



### ✦ Balance Setting

Touch four arrows to adjust the 4 speakers volume to control the sound effect. The 4 speakers volume is consistent when the black dot is right at the center. Touch the restore icon  at the bottom to restore the defaulted balance setting.

### ✦ Loudness Setting

Sliding to the left or right to adjust the loudness. The higher the loudness, the higher the low frequency value of the sound. Please adjust the loudness reasonably to avoid loss of frequency signal.

## 2.5 Video Option



### Video in Motion

Slide button to the right to enable or disable the video in motion option.

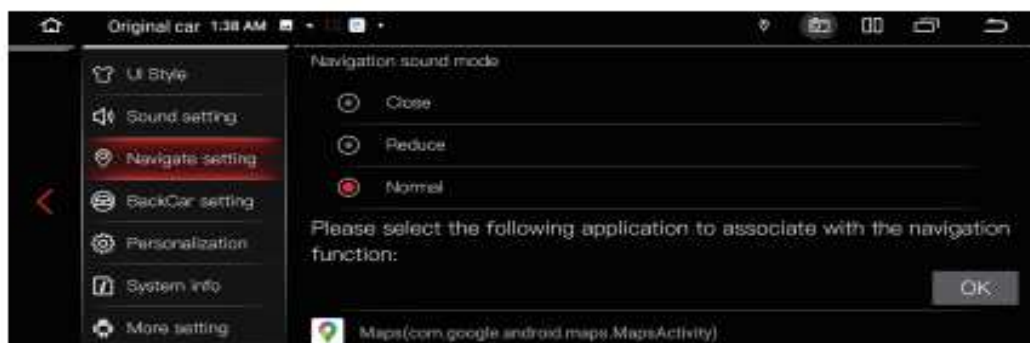
If video in motion is disabled, user cannot watch video and view picture while the car is in motion.

Note: Recommend to enable this option for your safety.

### Reversal Warning Line

The camera of some car models may not have reversal-warning line. By enabling this option, user is able to see the distance to warning line at the display during reverse.

## 2.6 Navigation Setting



### Navigation Application Option

User may insert pre-installed navigation application to pair with the navigation button. The system will automatically display all installed applications and you may touch to select the application of your choice.

✦ Navi Mixed

Slide to the left or right to adjust the Navi Mixed volume.

2.7 Bluetooth Setting



✦ Name of Device

Display the Bluetooth name of the machine

✦ Auto Connect

By enabling this option, the machine will auto search and auto connect to the last connected device.

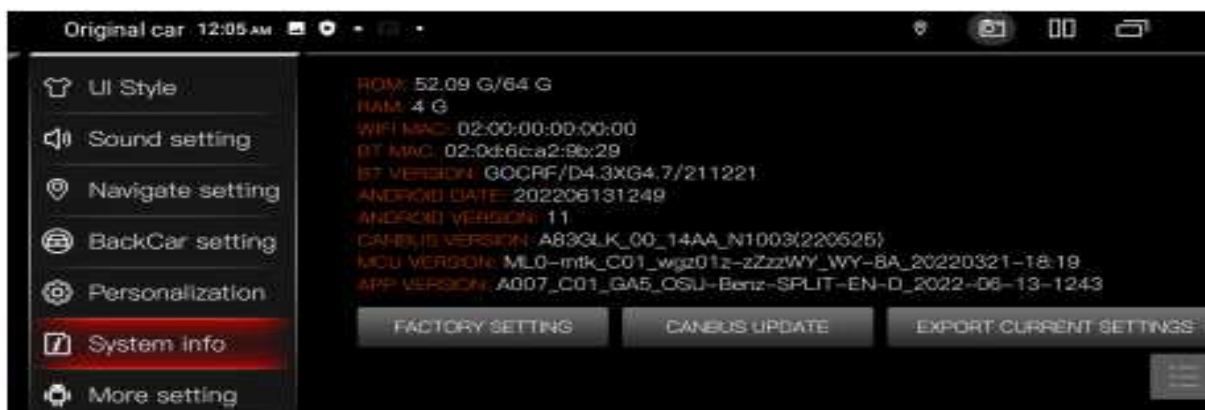
✦ Auto Answer

By enabling this option, the machine will auto answer all incoming calls using bluetooth.

2.8 Maneuver Control



2.9 Version Information



# iii) Application

## 1. Navigation

### GPS Satellite Navigation Operation

The invention of GPS navigation has brought to the convenience of travelling today. By using the GPS positioning and electronic navigation map, user can reach the destination faster and more efficiently. To navigate accurately, both the GPS positioning and navigation map are equally important. The GPS provides precise positioning and fast calculating speed while the navigation map provides huge information, data and route planning.

#### 1.1 Navigation Map Data

User may copy the navigation map data into the internal SD card. Before copying the data, user is to ensure there is sufficient storage space in the internal SD card. If the storage space is insufficient, please delete the unnecessary / unwanted data. The copying and deleting of data can be done through defaulted ES File Explorer.

#### 1.2 The data of some navigation applications can be stored externally in SD card or USB

---

drive.

#### ◆ Note

Some navigation application defaulted its route planning on the map and may not support storage in external SD Card and USB Drive.

#### 1.3 Installation of APK Navigation Application

Before navigation, please install APK Navigation Application and ensure the APK navigation map is correctly installed.

#### 1.4 Navigation Activation

✧ Upon successful installation of APK Navigation Application, there will be a corresponding icon on the homepage. Touch the icon to launch the application.

✧ User can also go to "Car Setting" > "Navigation Setting">"Navigation Application Option" to link the navigation button and application. Upon linkage, user may press the "Navigation Button" to start the navigation directly.

#### 1.5 Navigation Application Operation

## 2. Music


### 2.1 Cover Display


The machine supports MP3 cover display. If the song comes with cover data and information, it will be shown on the cover display as per below.



### 2.2 Repeat and Shuffle

25

Touch  to switch on the repeat mode. To repeat the current song → To repeat all songs.

Touch  to enable and disable shuffling of songs.

2.3. Touch  ,  to switch between Music. Touch to play  or pause the Music.


File list “  ”, Volume “  ”, Sound “  ”, Curr-SONN “  ”.

## 3. Video

Touch the music video icon at the main interface. It supports flash internal storage card, music and video stored in USB drive, ape, flac and other formats.

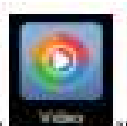


### 3.1 Video Player Interface

Loop playback “  ”.

Touch “  ”,  ” to switch between video, Touch to play  or pause the video.


Current Video “  ”, File list “  ”.

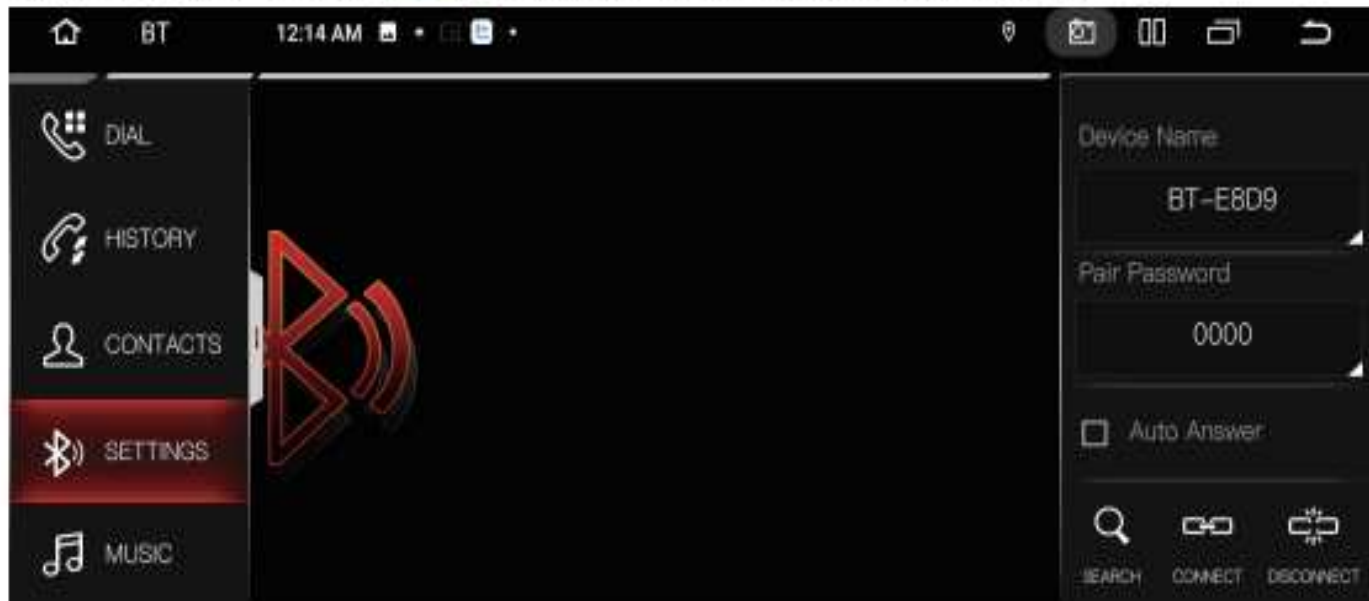


### 3.2 video display”

## 4. Bluetooth



Bluetooth's hands-free function enables you to call safely while driving.

On the front panel, touch "" to enter bluetooth setting as shown below.






### 4.1 Pairing the machine with mobile phones

- To activate the bluetooth hands-free function, pair your mobile phone with the machine in the first place.
- Turn on bluetooth and bluetooth device search function on your mobile phone
- Search for the name of the machine. For example: BT5454
- You are required to key in the corresponding PIN number i.e. 0000 on your mobile phone to connect to the machine.
- Once connected, a "CONNECTED" sign will appear on the screen.

If the mobile phone has been already paired with the machine, user can touch "" directly to connect to the bluetooth in the next connection. User may also touch "" to disconnect.

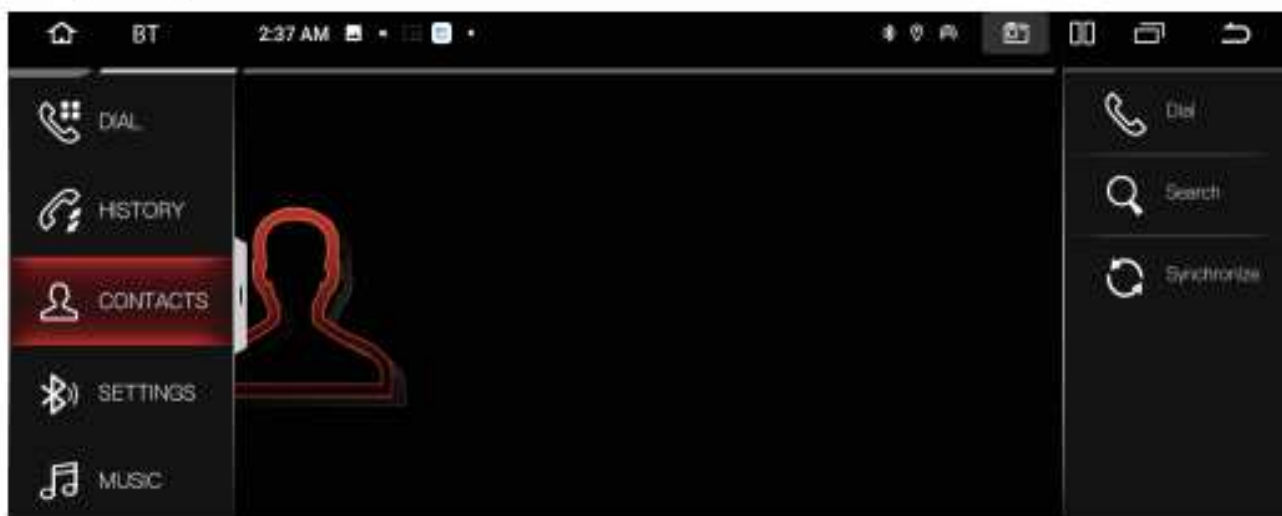
## 4.2 Making Phone Calls




Upon establishing the bluetooth connection, user can dial directly on the phone or key in telephone numbers on the dial pad. Touch  to delete the incorrect number entered. When you entered the telephone number, press  to call or  to hang off. During conversation, user can

31

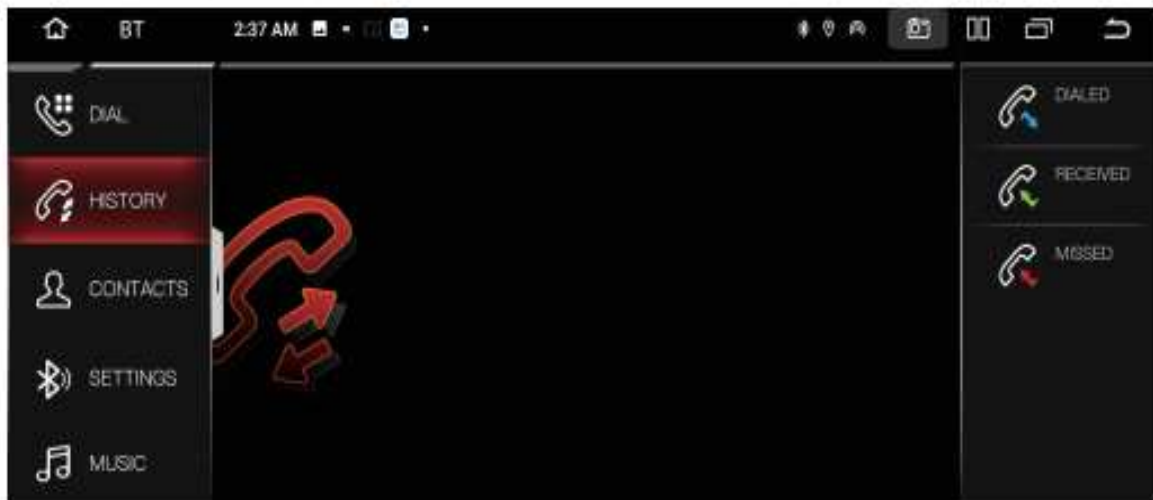
## 4.3 Syncing Contacts



The machine supports syncing of contacts from mobile phone to the machine. Once bluetooth is connected, touch  to download the contacts. Once download is completed, name of the

contact will be synced and shown on the display screen during phone call. For quick access to the contacts, the contact book supports name search begins with first alphabet.

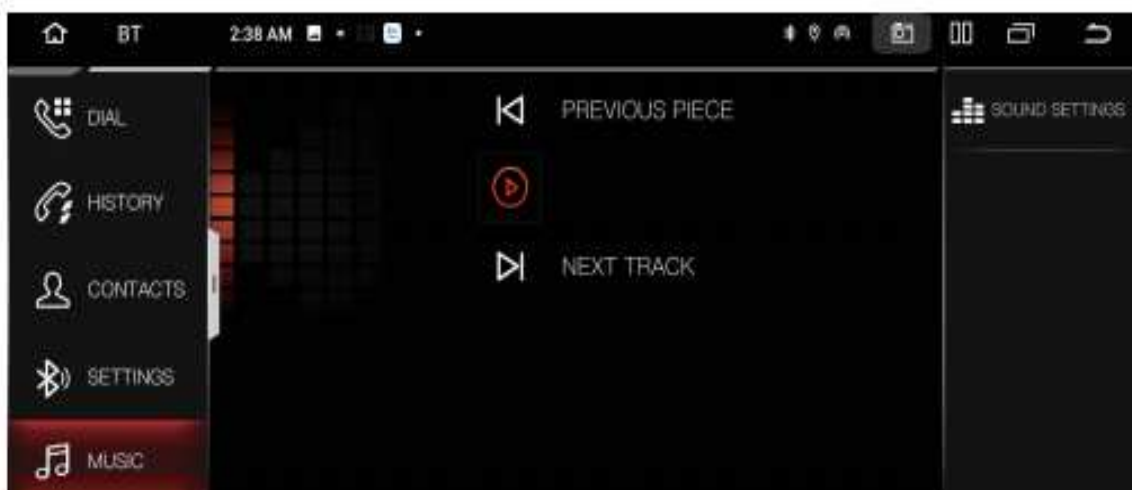
#### 4.4 Call History



Call history shows outgoing call, incoming call and missed call. User can perform call or delete in call history.


#### 4.5 Bluetooth Music

This machine supports bluetooth music playing. User can play music on the mobile phone and transfer it to the loud speaker of the machine via bluetooth. It also supports simplified controls such as "Previous", "Next", "Pause" and "Play".



Due to bluetooth compatibility, the machine may not support all phone models. Please contact us should you encounter problems connecting to the bluetooth.

## 5. Astern rearview

Touch the icon "  " on the front panel to enter Settings interface.




"  " Astern setting



### 5.1 Astern type setting

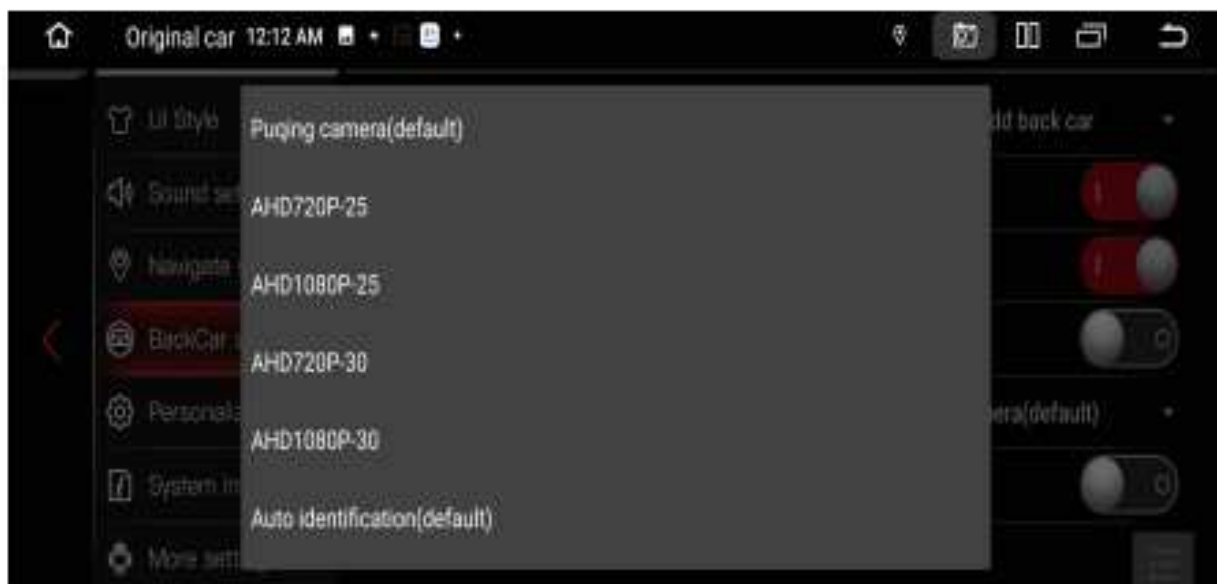
"  " Astern setting, "  " Options



"  " Turn off the reverse rearview option, "  " Original car reverse rear-view option, "  " Added reverse rearview option.

### 5.2 Added reverse rearview resolution

"  " Rear view camera type, "  " Options

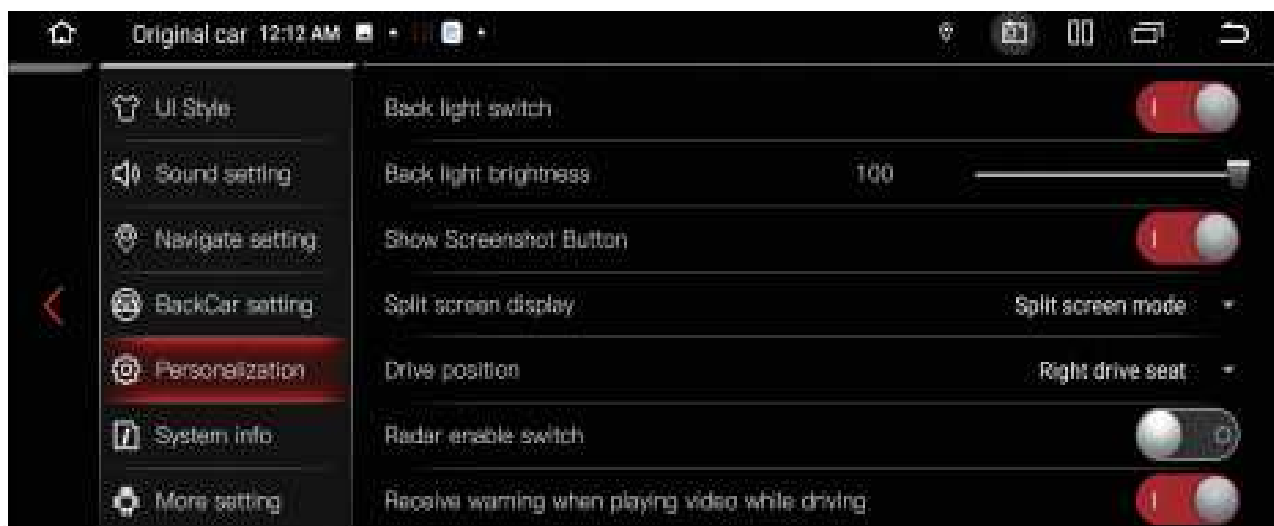




The rearview camera resolution should correspond to the options

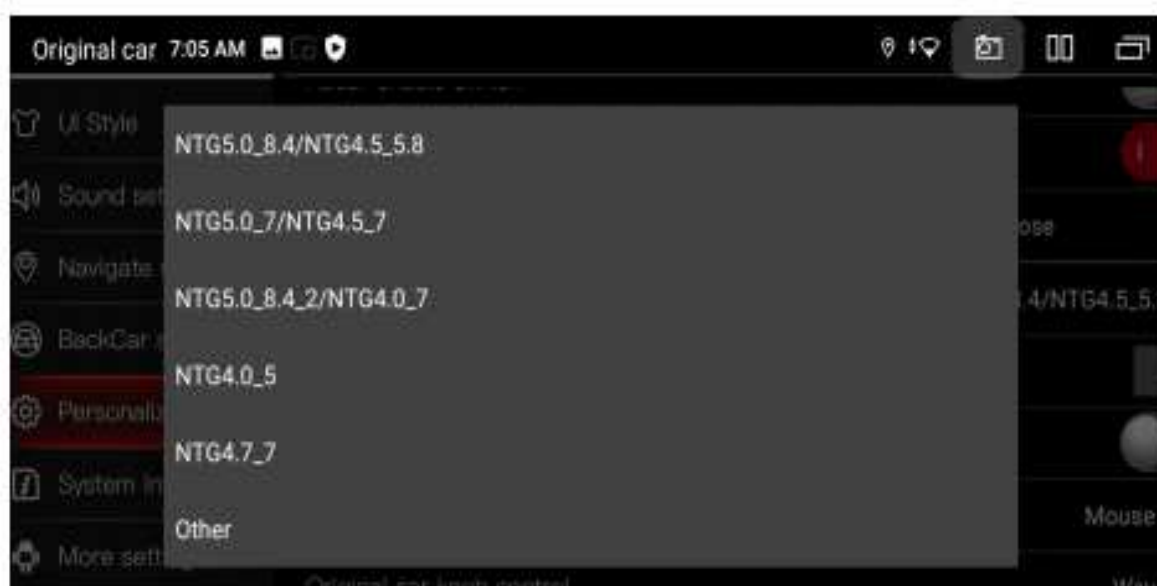
## 6. Original car interface resolution

Touch the icon “  ” on the front panel to enter Settings interface.

“  ” Personalized setting



“  ” Original resolution , “  ” Options



The display screen of the original car should correspond to the option, otherwise the display is poor.

## 7. Display Screen Instructions

### 7.1 Notes

- ◇ Do not expose the display screen directly under the sunlight or heat for a long period of time to prevent damage to the LCD screen.
- ◇ Do not expose the display screen directly under sunlight when it is not in use.
- ◇ The display screen should be used within the temperature ranges as per below:
  - a) Operating temperature range :  $-10^{\circ}\text{C}\sim+50^{\circ}\text{C}$
  - b) Storage temperature range :  $-20^{\circ}\text{C}\sim+80^{\circ}\text{C}$

The LCD screen is a full frontal display for better viewing experience in the car. Please do not press the LCD screen vigorously to prevent damage. Except coordinating the touch panel functions, please touch the LCD screen gently to prevent scratch or dust.

Shall not interfere with the installation of airbags and other safety features or devices in the vehicles.

### 7.2 About LCD

- ◇ Small black dots or bright dots may appear on the LCD screen. This is not a defect but merely the specification of LCD.
- ◇ If in use in cold areas, the LCD screen may be dimmer after power on but the brightness will be adjusted to normal after a short while.
- ◇ If exposed directly under sunlight, user may be difficult to see the LCD screen due to reflection.

### 7.3 Maintaining the LCD screen

- ◇ Please off the power before cleaning the LCD screen. Wipe the screen with soft fabric to prevent scratch on the surface.
- ◇ Please do not use wet towel, benzene, and chemical related cleaners to clean the LCD screen.

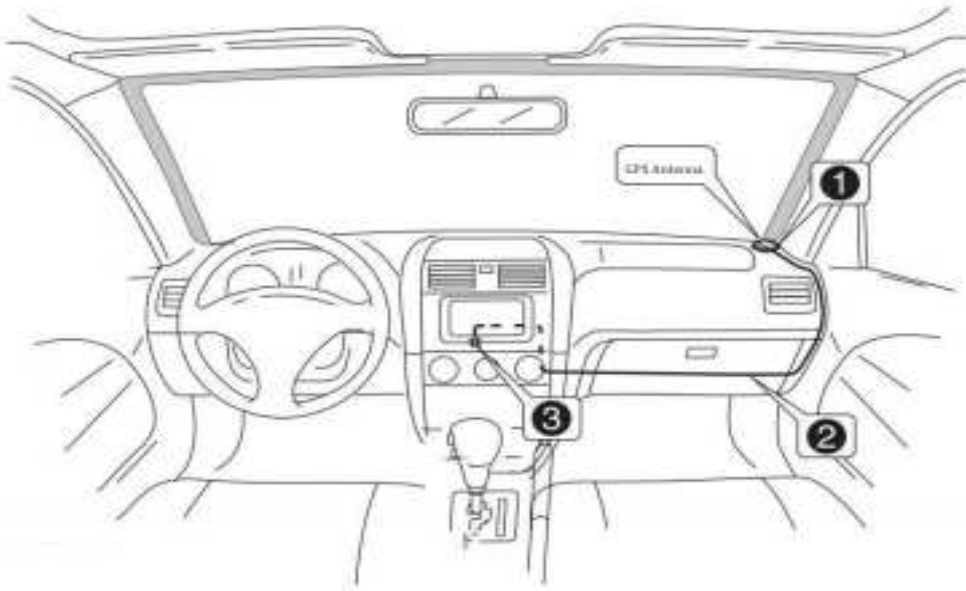
## 8. Installation of Antenna

Recommend installing the GPS antenna on dashboard or rear shelf. The antenna should be installed on leveled surface facing the sky to prevent blockage of radio waves as little as possible. Vehicle equipped with tempered glass or tint may weaken the receiving signal of the GPS antenna. Thus, recommend installing the antenna outside of the vehicle.

### 8.1 GPS Installation Guide

- Before affixing the GPS antenna, please ensure using the suitable cleaner to clean the designated surface. After cleaning, tear off the back of the tape and press to place the GPS antenna.
- Remove the side cover, move the cable through the storage box until it reaches the control panel of the machine. The cable needs to be fixed with a cable tie.

Connect the GPS antenna's plug to the machine



#### ◆ Notes

- Please ensure the system power is off when connecting to the GPS antenna.
- Please do not shorten or extend the GPS cable. Altering the length of the cable may result in short circuit or malfunction that may damage the product.
- The antenna should be installed on a leveled surface where radio waves will be blocked as little as possible, otherwise it will affect the accuracy of navigation.
- Please do not interfere the GPS antenna with steering wheel or gear lever, as it may be dangerous.

## Product Overview



# Product Overview



1. Home
2. Display brightness control
3. Display curenly running apps
4. Return
5. Micro SIM card slot

## Back



- |                   |                                     |                                |
|-------------------|-------------------------------------|--------------------------------|
| 1. Center horn    | 5. Rear View Camera Input(CVBS/AHD) | 9. External Microphone         |
| 2. USB Input      | 6. Reversing Detection Line         | 10. Audio cable (E60 only Use) |
| 3.4G WIFI Antenna | 7. Camera Power Supply              | 11. ISO Port                   |
| 4.GPS Antenna     | 8. Reserved ACC Line                | 12. Audio switching box        |

## Accessories



Power Line\*1



GPS Antenna \*1



Audio switching box \*1  
(Only NTG 5.0)



External Microphone\*1



Center horn \*1



4G Wi-Fi Antenna\*1



Operating Instruction\*1

## iv) Troubleshooting Guide

If you encounter the problems below, please refer to this troubleshooting guide for quick solution. If the problems persist, it is advisable to contact the professional or visiting the customer service centre for further assistance. Please do not dismantle the machine without proper advice.

Issues	Cause	Action (Reference)
Unable to power on	The car key is not inserted or ACC is not turned on	Insert the car key and turn on the ACC
	The power cord is not connected	Connect the power cord correctly
	The fuse is damaged	Replace the similar fuse
Inresponsive touch screen	The system may be multi tasking (i.e.navigation). Please wait for a moment. If the problem persists, please contact customer service centre for assistance.	
No rear view image	No reverse camera is installed.	Install the reverse camera and plug in to the CCD socket.
	Reverse camera type does not match	Replace the reverse camera.
Rear view appears during reverse position even when system is not booted. Power button is null	This is part of the safety feature where the rear view function is preset for safety priority.  Power on to boot the system after resuming from the reverse position to normal.	
No GPS signal	GPS antenna is not connected	Connect the GPS antenna correctly
	The car may be at the GPS	Drive for a distance to check

	signal blind spot.	GPS signal. If the problem persists, please contact customer service for assistance.
Positioning and navigation failed upon power on	Blind spot of the navigation map. Some remote areas or routes may not be covered in the map.	Please contact the customer service to update the map
Unable to locate the destination routes	Firstly, please ensure correct spelling of the destination followed by trying possible names of the destination. If still unable to search, the destination may not be updated in our database.	
Navigation routes are far	The navigation system sets a route to your destination by applying certain built-in rules to the map data. Besides, distance, the navigation system will take into consideration of the road grade, traffic rules, flyover, highway, main road and	
	others to ensure the driver in reaching the destination soonest possible.	
Blank on the map	May be due to scale setting. Try to zoom in and out to adjust the map display. If the problem persists, it may be due to loss of GPS signal. Please reset the destination or select a new landmark.	