

## KX11 Multi-Media Interface(MMI)

# Contents

---



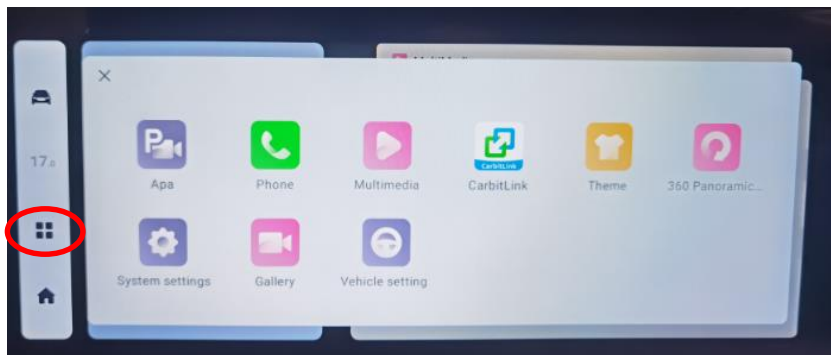
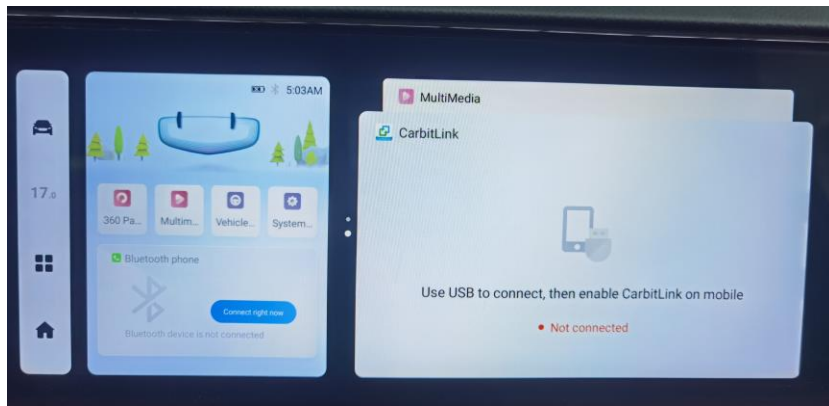
## ► Overview

Multi-media System Function

Maintenance and Diagnosis



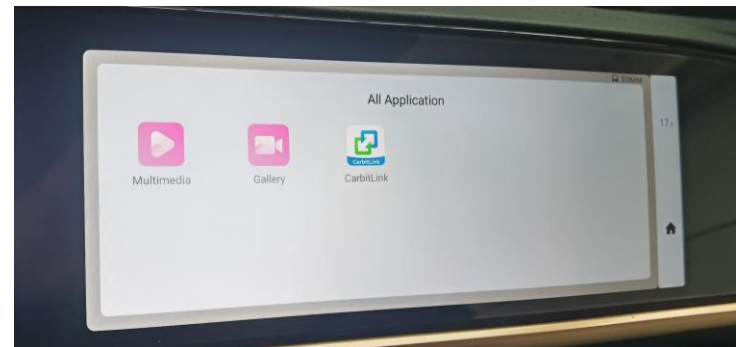
## ➤ Central control panel



## Functions

- Audio and video entertainment system
- APA (Flagship configuration)
- AVM System
- Mobile phone mirror-link + Bluetooth function
- System setting
- Vehicle setting

## ➤ Passenger control panel (Flagship configuration)



# Contents

---



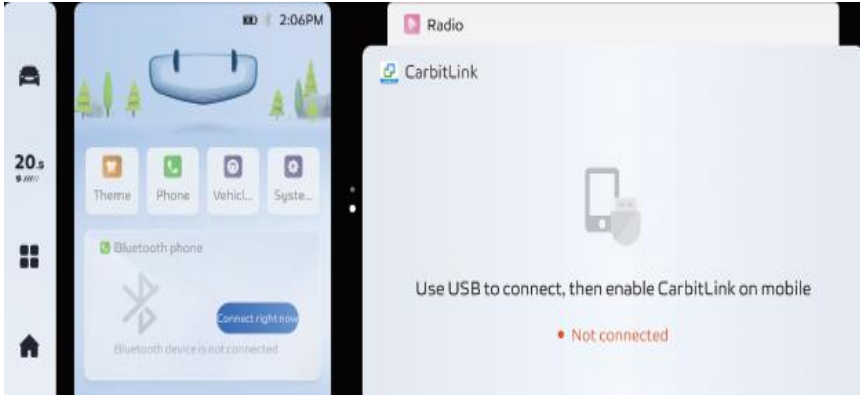
Overview

▶ **Multi-media System Function**

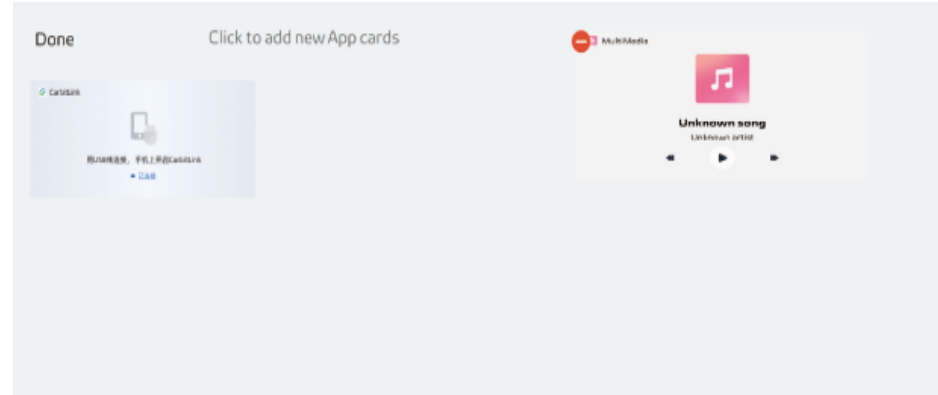
Maintenance and Diagnosis



## Desktop



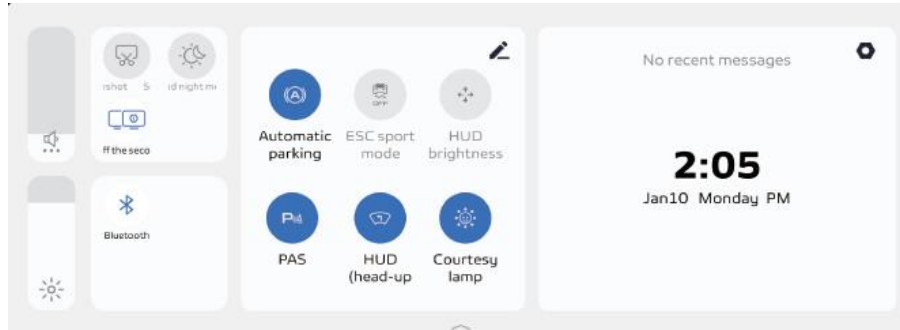
Smart area has been added to the system desktop, which mainly displays avatars, smart scene recommendations, and advertising operations.



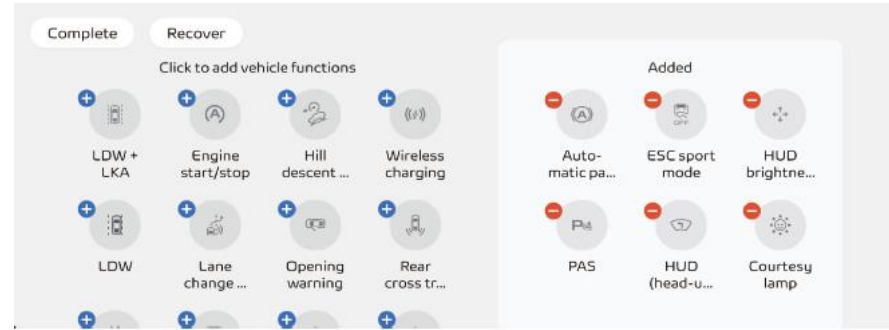
A variety of widgets are provided on the homepage, and the widget can be edited by long pressing the current card. The available widgets include multimedia, smart life and so on.



## Drop-down menu



- Sliding from the top can drag the menu bar out, and can quickly switch between various states. Including wireless charging, lane keeping assistance, daytime running lights, smart taxi, pilot only, atmosphere lights, driving video restrictions, touch screen sounds, speed limit reminders, quick configuration of vehicle settings, and brightness and volume adjustments.



- You can also add and delete quick configuration items in the drop-down bar by long-pressing the blank space.



## Radio



1.FM and AM switching

2. Drag to select channel

3. Add to Favorites

4.Station list: you can view the scanned stations

5. Previous channel

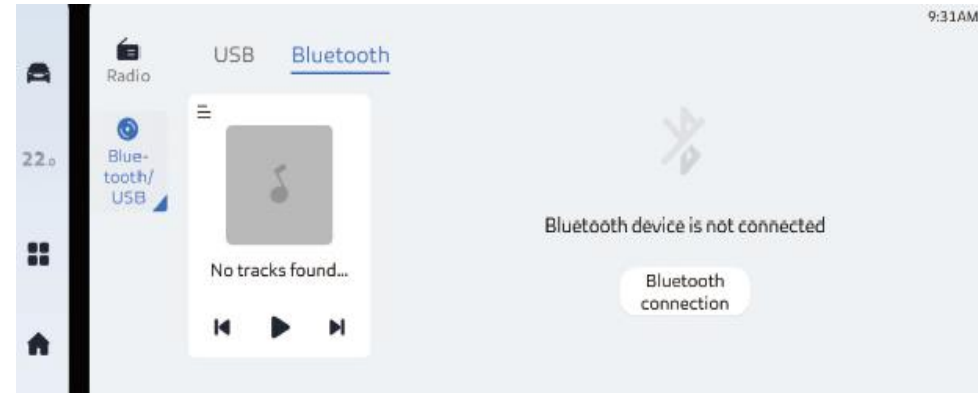
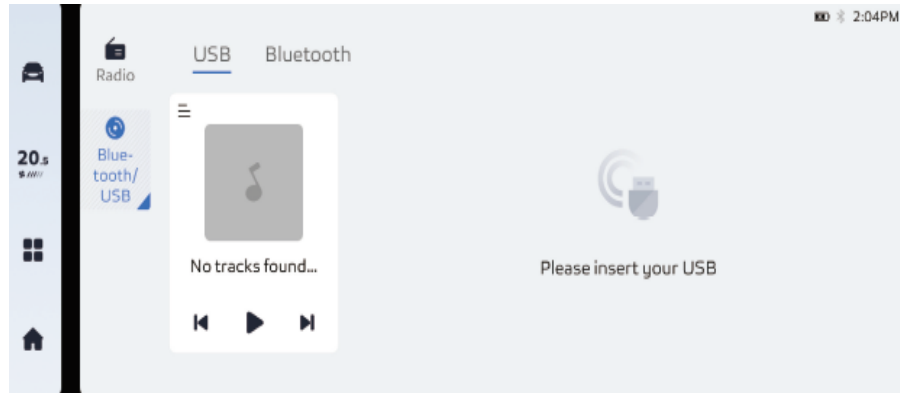
6. Pause the radio

7. Next channel

8. 5seconds carousel



## USB and Bluetooth Music



After inserting the U disk, the music files in the U disk can be read and played.



After the mobile phone is connected to Bluetooth, the music in the mobile phone can be played via Bluetooth.

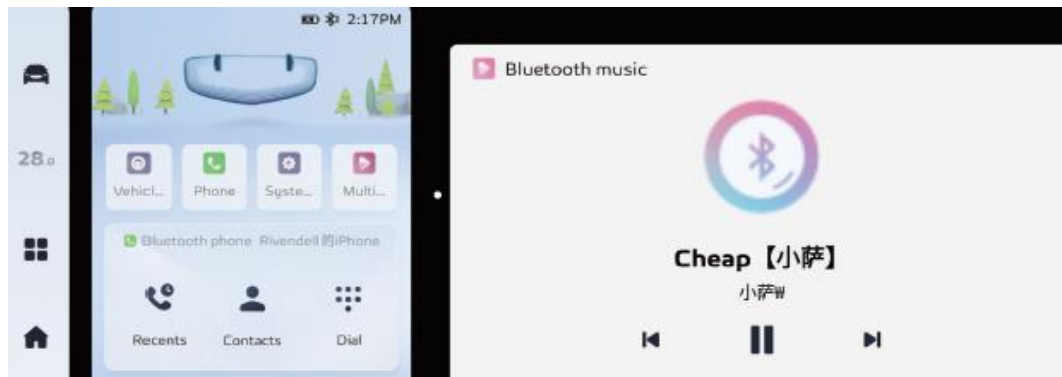




## Playlist song changing



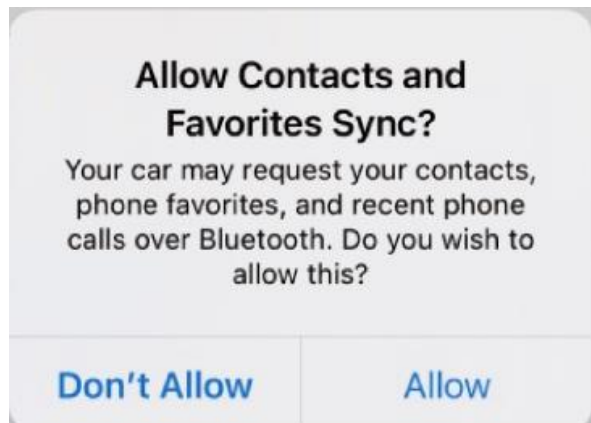
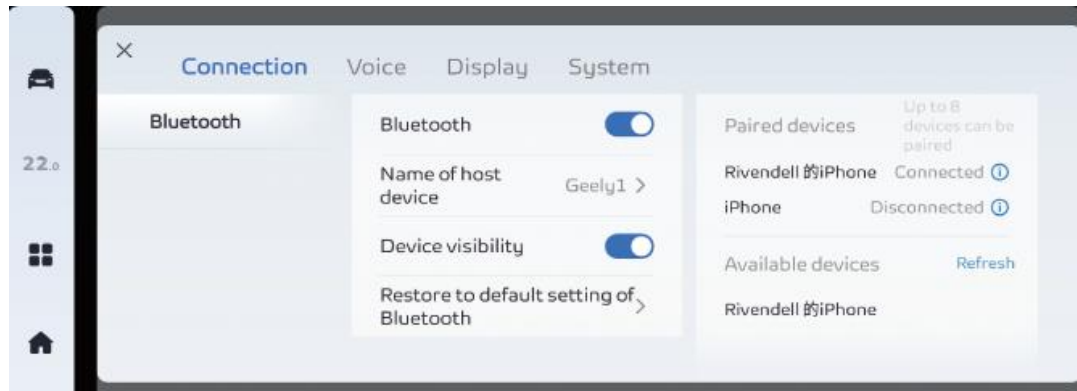
- You can perform the previous, next, pause, and change songs on the music in the playlist.



- When the desktop has a multimedia widget, you can perform playback control directly on the desktop.



## Bluetooth Connection



Open **[System settings]-[Connection]-[Bluetooth]**

Turn on the Bluetooth of the vehicle and the Bluetooth of the mobile phone at the same time;

Select **[Connect]** and select your mobile phone Bluetooth for pairing. You will receive a paired message alert on your phone.

Android phone: Please check "Sync contacts" when connecting;

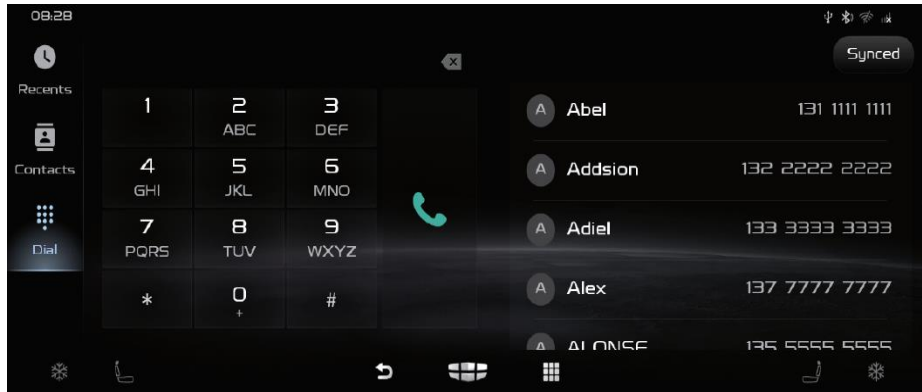
iPhone: Please ensure that the "Sync contacts" function is checked.

If you cannot sync your contacts, click the corresponding Bluetooth name to unpair and reconnect.

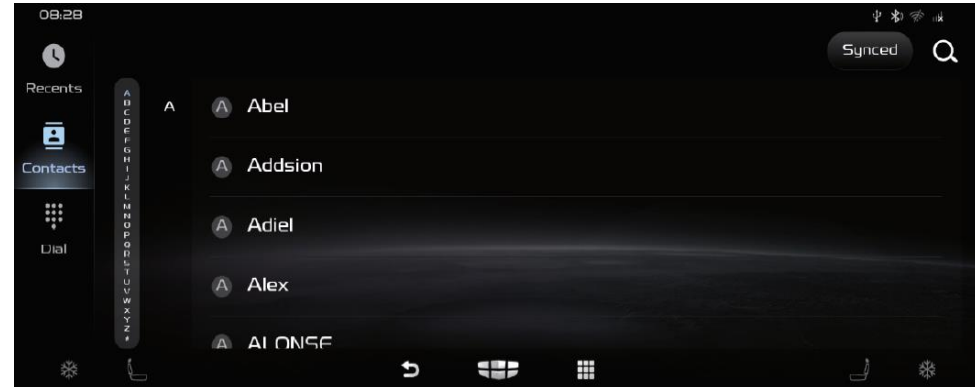


## Dial

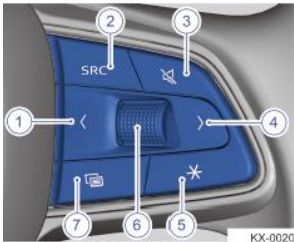
Dialing method: 1. Use the dial keypad to dial



2. Select the contact to dial



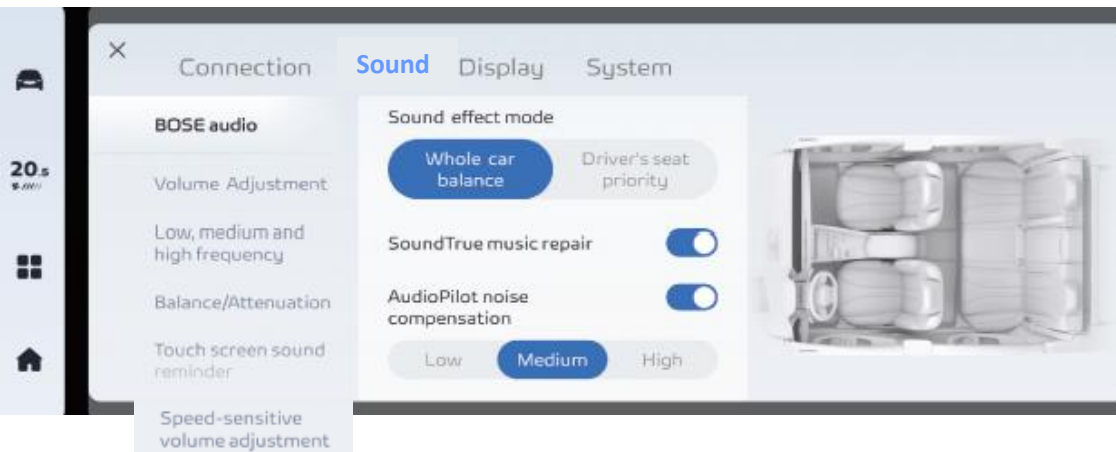
Answer and hang up: Answer and hang up with the answer and hang up buttons on the steering wheel.



- 1: Hang up
- 4: Answer

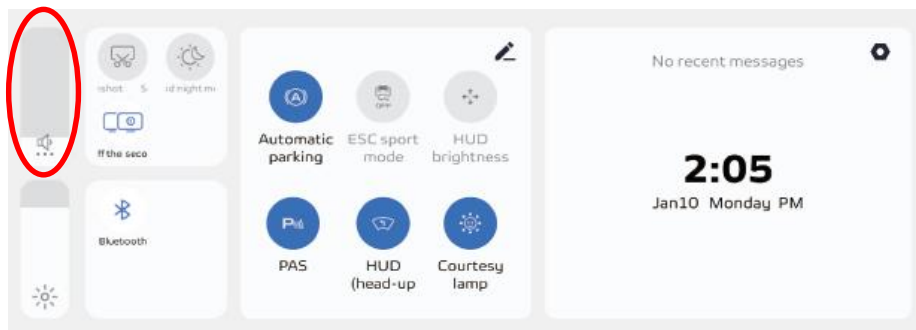


## Sound



Open [System Settings]-[Sound]

- Bose audio
- Volume Adjustment
- Low, medium and high frequency
- Balance/Attenuation
- Touch screen sound reminder
- Speed-sensitive volume adjustment



The volume control can also be adjusted in the drop-down menu bar.



## Display



Open [**System Settings**]-[**Display**]

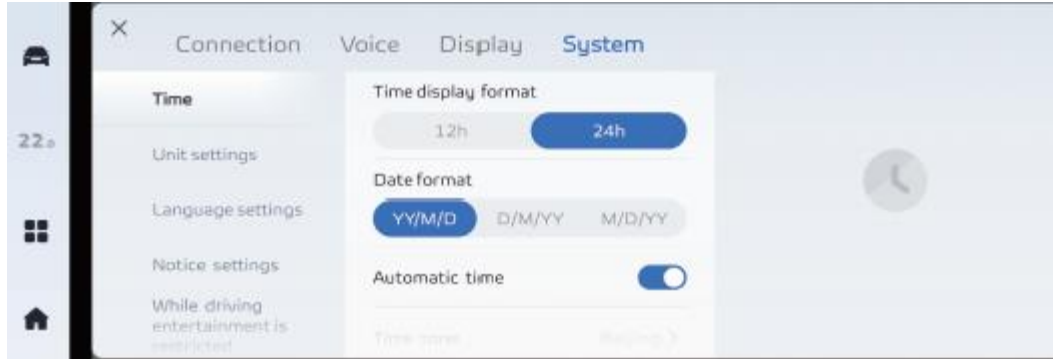
- Screen brightness
- Passenger screen
- Theme setting for day and night



The screen brightness can also be adjusted in the drop-down menu bar.

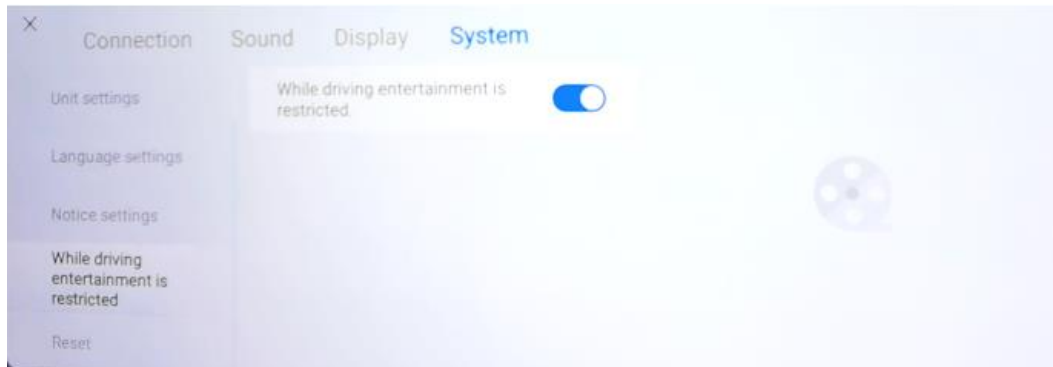


## System



Open **[System Settings]-[System]**

- Time
- Unit settings
- Language settings
- Notice settings
- While driving entertainment is restricted
- Reset : Restore factory settings

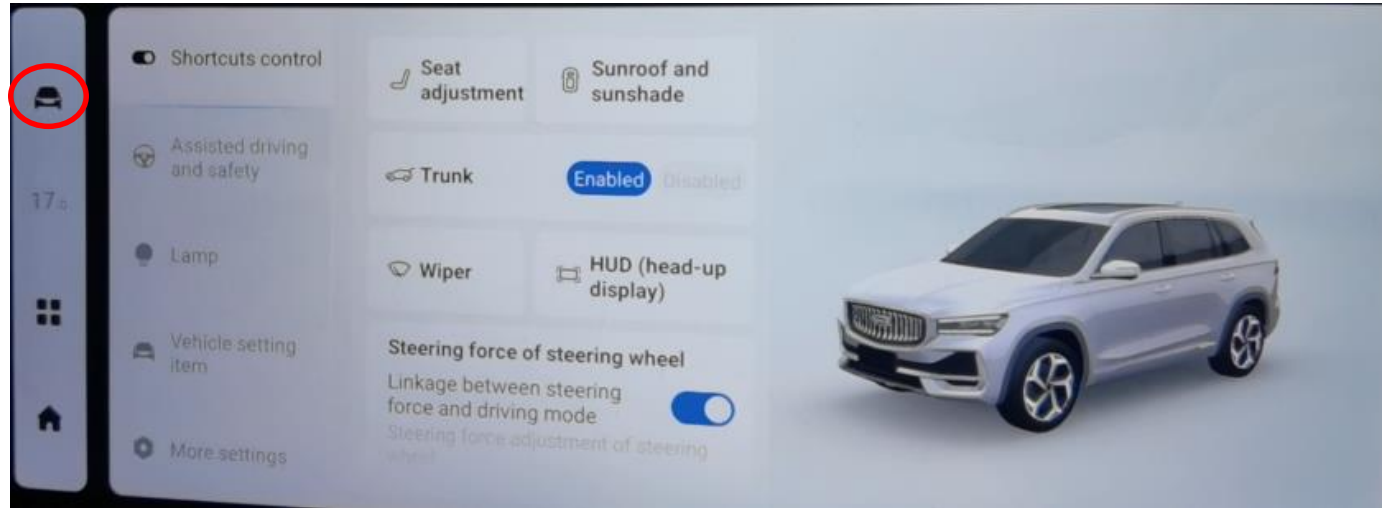




## Vehicle Setting

Go to [Vehicle Settings]

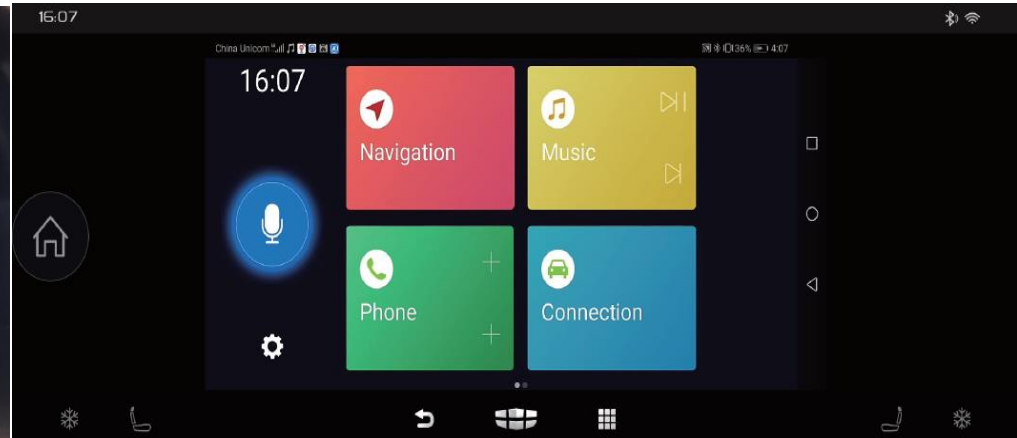
There are options for lighting, safety, comfort, wireless charging, system, etc. It provides common settings related to the vehicle, which can provide you with a better driving experience and safety protection settings.



- Shortcuts control : Seat, Sunroof, Trunk, Wiper, HUD, Steering force
- Assisted driving and safety : ADAS functions setting
- Lamp : Ambient lamp, Welcome lamp...
- Vehicle setting item: Keyless entry, Remote lock, Trip reset...
- More settings : Engine start-stop, APA, Wireless charging, ESC off...



## Phone Mirror-link

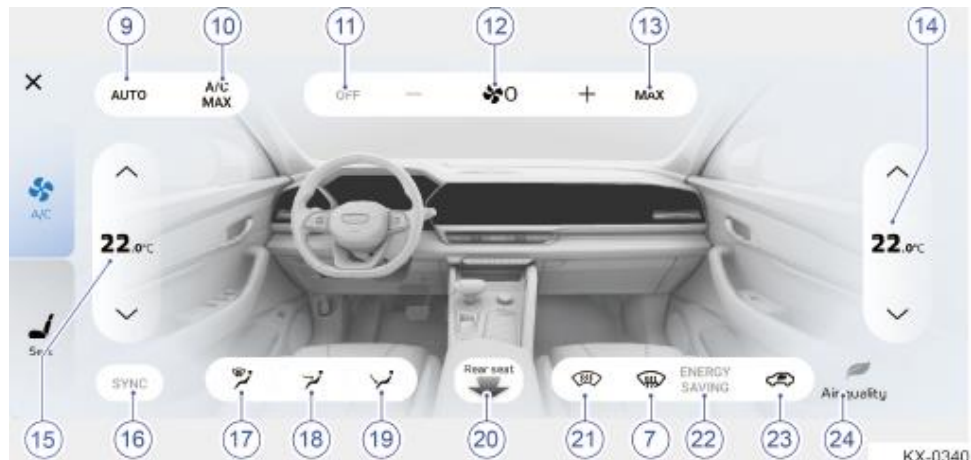


Applicable to Android and iOS mobile phones. Both Android and IOS mobile phones use USB connection.





## A/C & Seat Heating/Ventilation

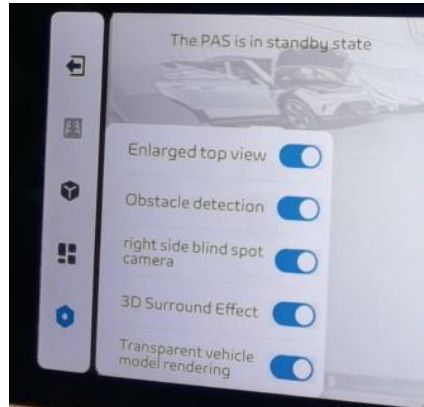


KX-0340





## AVM (360° panoramic image)



1. Return

Exit the Panoramic Image Interface

2. Parking guiding lines

Touch this button to turn on/off the parking guiding lines. The button operation state is memorized when the system is activated next time

3. 3D view

Switch to 3D view

4. Multi-view mode

Open the multi-view selection menu for more optional views.

5. Settings

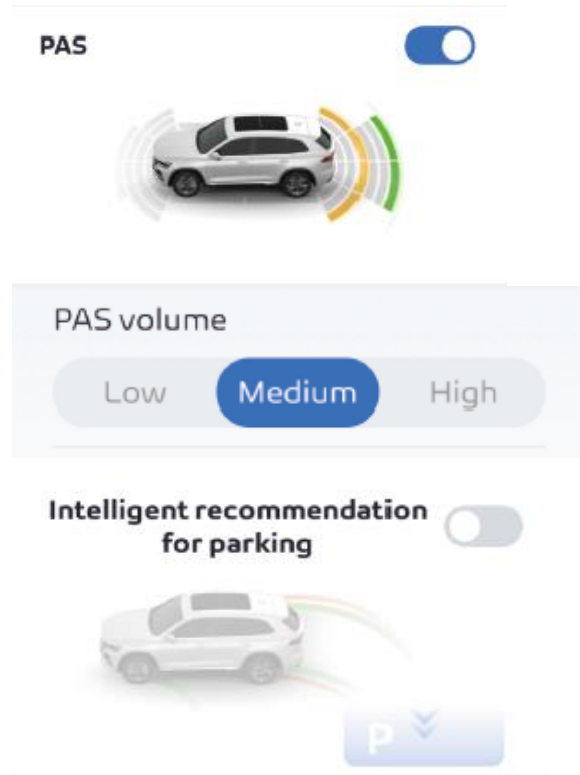
It's available to set the top view zoom-in, obstacle detection, steering linkage, 3D surrounding effect, and transparent vehicle model effect.

6. Radar alarm sound

Turn on/off radar alarm sound. In addition to function buttons above, directly touch camera icons around the panoramic image vehicle model to quickly change the viewpoints of images.



## PAS (Parking assist system)



### 1. Turn off/on

Start the engine, and the parking assist system is automatically enabled.

Customer can turn it off on the MMI vehicle setting.

(For GL configuration, only 4 rear parking assist radars using for PA-rear function; For GD & GF configuration, there are front and rear parking assist radars.)

### 2. PAS volume

Customer can select the PAS alarm volume level on MMI system setting, sound, volume adjustment.

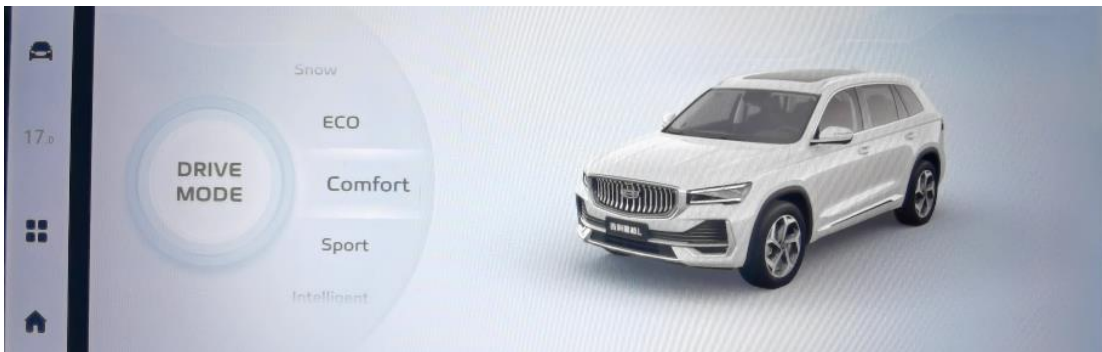
### 3. Intelligent recommendation for parking (AP)

- For GF configuration, there are AP function (automatic parking).
- The intelligent recommendation for parking is enabled by default. After the intelligent recommendation for parking is enabled, the automatic parking system will automatically judge to park in or out based on the environment.
- Customer can disable it on MMI vehicle setting.



Comfort mode is default.

Rotate the driving mode selector switch to switch to economy mode, comfort mode, sports mode, intelligent mode, snow mode, off road mode or sand mode. (Sand mode not available on some markets)



# Contents

---



Overview

Multi-media System Function

▶ **Maintenance and Diagnosis**



VIN: LB37852Z9MS018450

Model/Year/Chassis: KX11, 2021, 018450

Connection:

Virtual #2

14.6 V

Driving

Network

Fault Tracing

Components

Service Functions

ECUs

Other



ID

Name

IHU

4/185

Infotainment Head Unit (IHU)

4/185\_1

Infotainment Head Unit1 (IHU1)

DTCs

Documents

Wiring Diagrams

Parameters

Activations

Diagnostic Seq



Confirmed

Unconfirmed

All DTCs

DTC

IHU-B112B87 Steering wheel module. Bus Signal / Message Failures. Missing message.

IHU-B123811 Speaker Amplifier. General Electrical Failures. Circuit short to ground.

IHU-B123812 Speaker Amplifier. General Electrical Failures. Circuit short to battery.

IHU-B123813 Speaker Amplifier. General Electrical Failures. Circuit open.

IHU-B12BD11 Rear Camera. General Electrical Failures. Circuit short to ground.

IHU-B12BD13 Rear Camera. General Electrical Failures. Circuit open.

IHU-B139611 Left Camera Module. General Electrical Failures. Circuit short to ground.

IHU-B139613 Left Camera Module. General Electrical Failures. Circuit open.

IHU-B139711 Right Camera Module. General Electrical Failures. Circuit short to ground.

IHU-B139713 Right Camera Module. General Electrical Failures. Circuit open.

IHU-B148511 Front Camera. General Electrical Failures. Circuit short to ground.

IHU-B148513 Front Camera. General Electrical Failures. Circuit open.

# Update/Reload Software



- After connecting the vehicle to GLDS, choose “ Software” module, click “All”, search “IHU”, there will be a list showing all the available software of this unit’s IHU module, if the software is the latest, there will be no “upgrade” software, only “reload”.
- After replacing a new IHU, there are no software inside, you need reload IHU software into it.

Geely Diagnostic System

Home KX11, 2021 X

Diagnostics **Software**

VIN: LB37852Z9MS018450  
Model/Year/Chassis: KX11, 2021, 018450

Connection:

Purchase Software | Download Software | Advanced Test

Find/Add Software

Upgrades | Hardware Changes | Function Changes | **All**

Part Number	Description	Comments	Size (...)	Download Time (min)
<input type="checkbox"/>	IHU			
<input type="checkbox"/>	8892917116 IHU CERTIFICATE		1145	1
<input type="checkbox"/>	8892676032 IHU reload		2797	--
<input type="checkbox"/>	8892699187 IHU1 RELOAD		3819635	56

Order Queue | Order History | Query Order

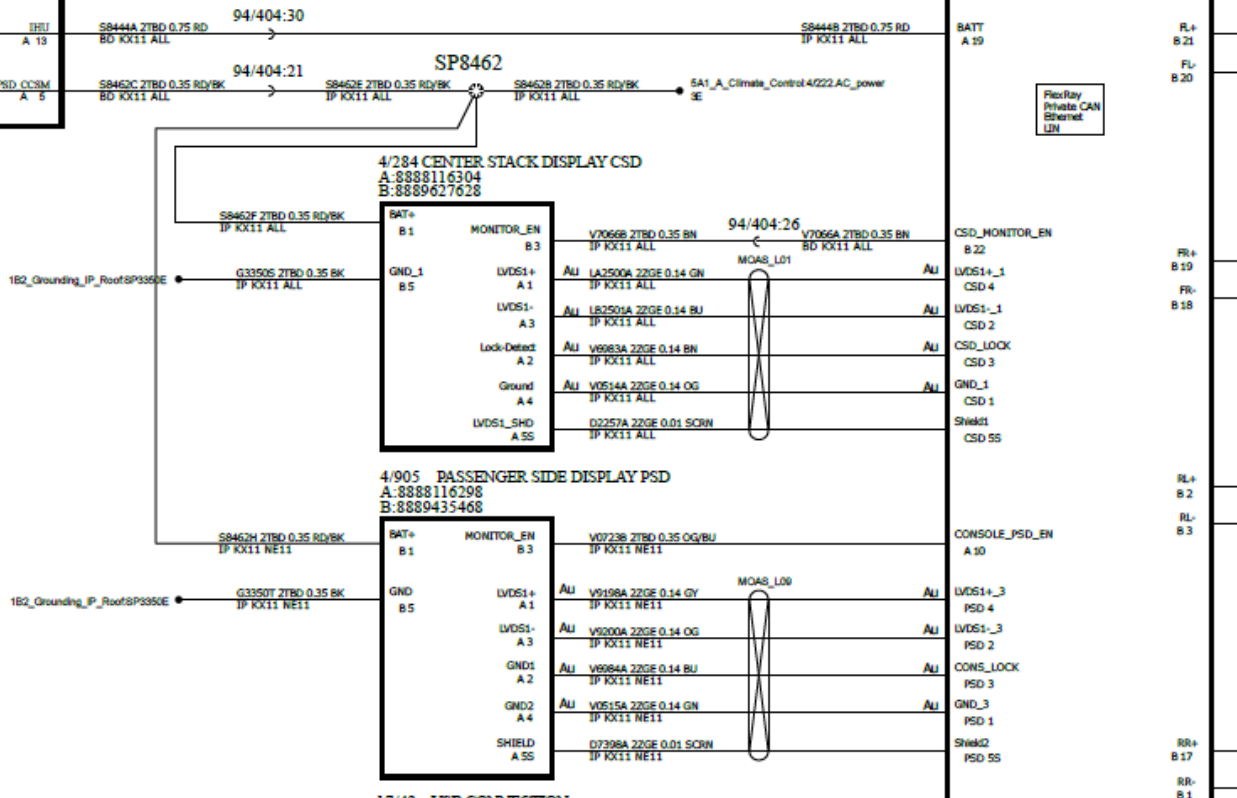
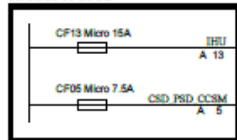
**i** No orders in the queue now.  
You can select and add software from the list to order

Add Software

# Wiring Diagram



15/50 CENTRAL JUNCTION BOX  
A:8889098582







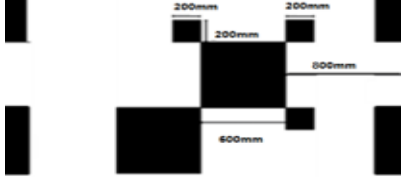
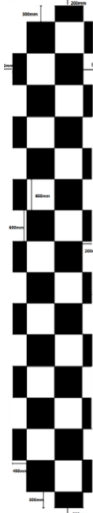

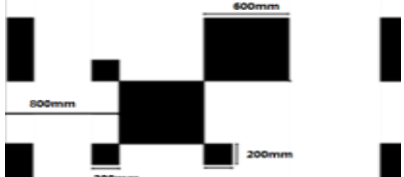
## AVM system calibration procedure:

Step 1: Calibration site preparation and vehicle placement

Prepare a clean, empty and flat area (10 meters \* 6.4 meters or more is recommended), park the vehicle in the middle of the site and reserve enough front, rear, left, and right areas for laying calibration mat.

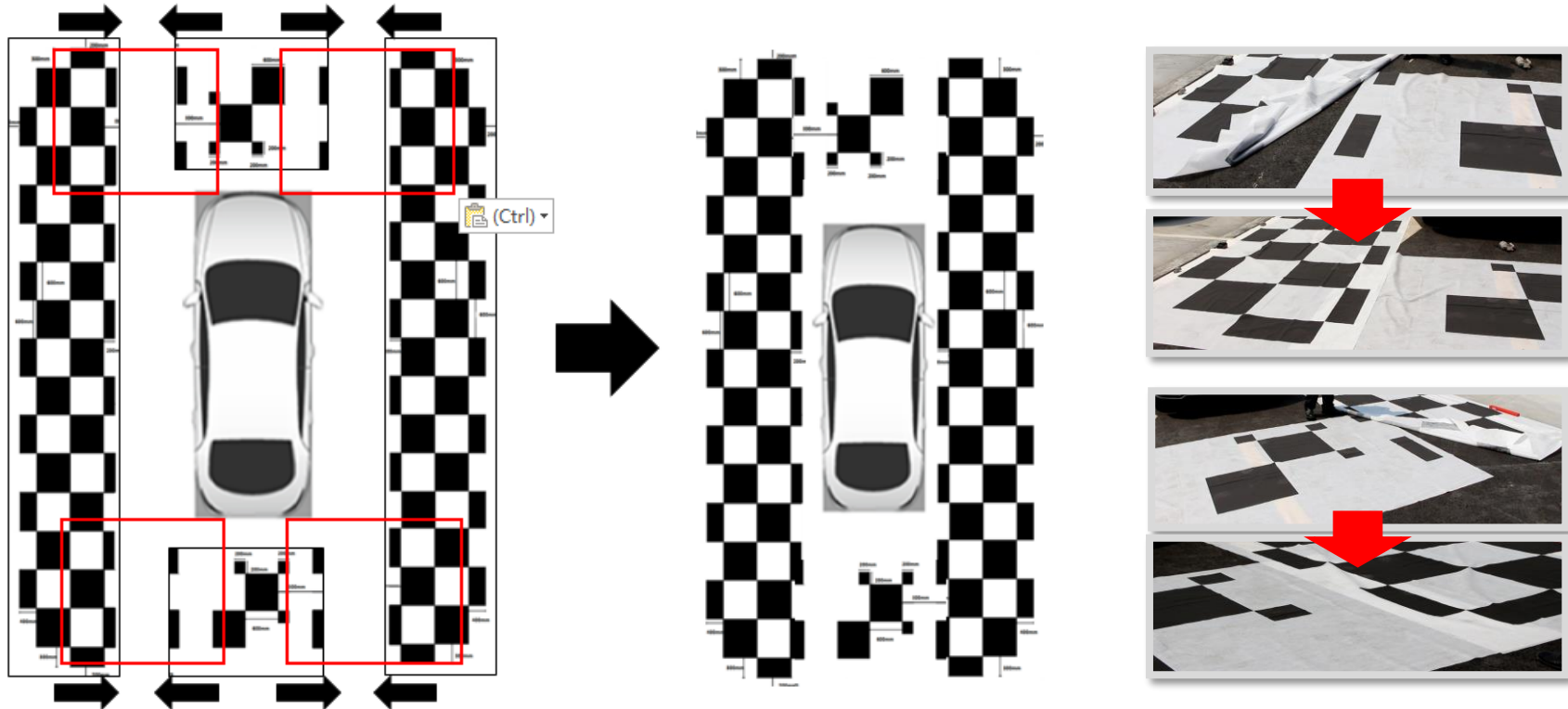
Step 2: Laying the calibration mats

There are 4 calibration mats, which are the front calibration mat, the rear calibration mat, the left calibration mat, and the right calibration mat.

<b>1.Front calibration mat</b>		<b>3.Left calibration mat</b>		<b>4.Right calibration mat</b>	
<b>2.Rear calibration mat</b>					

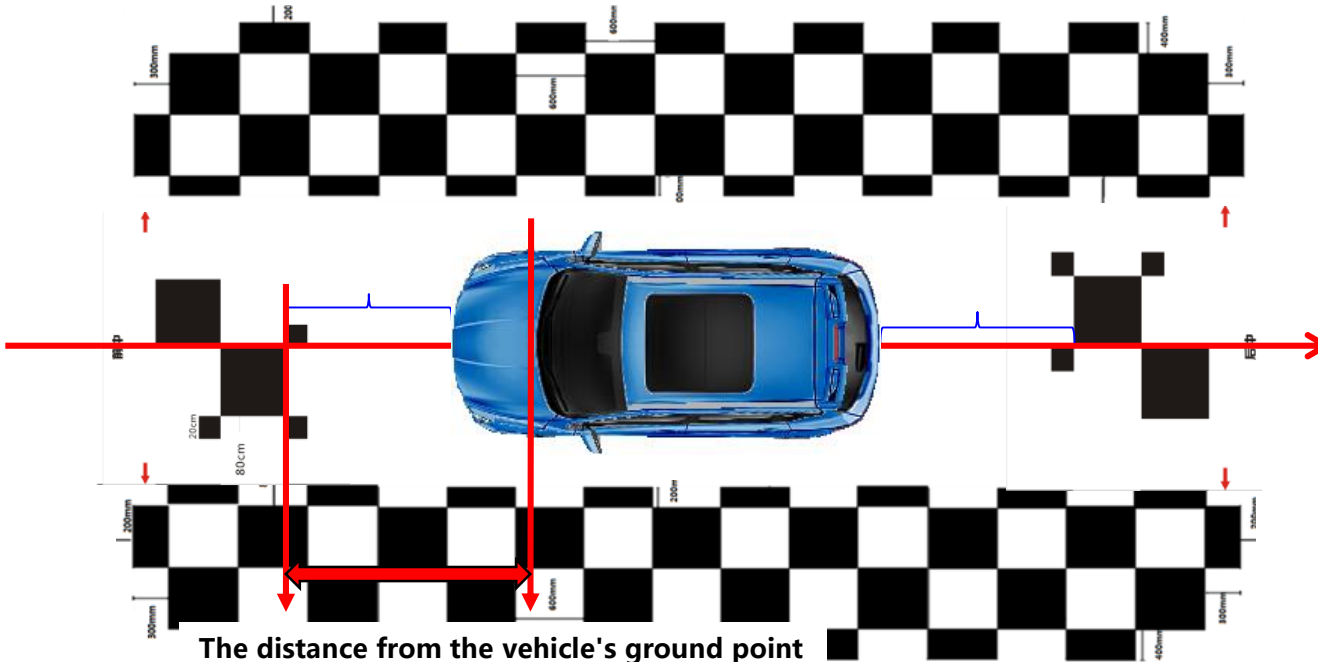


a. First of all, the 4 calibration mats need to be spliced around the vehicle according to the method shown below.





b. Place the front layout at a distance of **1950mm** from the ground contact point of the front wheels of the vehicle to the calibration mat position as show below, and ensure that the calibration cloths on both sides are consistent with the distance of the vehicle.



The distance from the vehicle's ground point to the first large black block in front of the vehicle is **1950mm**



## Step 3: Enter factory mode

1. Tap the 360 AVM APP icon on the screen or the 360 AVM button on the assistant dashboard
2. Click the 3D View button on the left to enter the 3D screen
3. Continuously click the upper right corner of the 3D screen 4 times

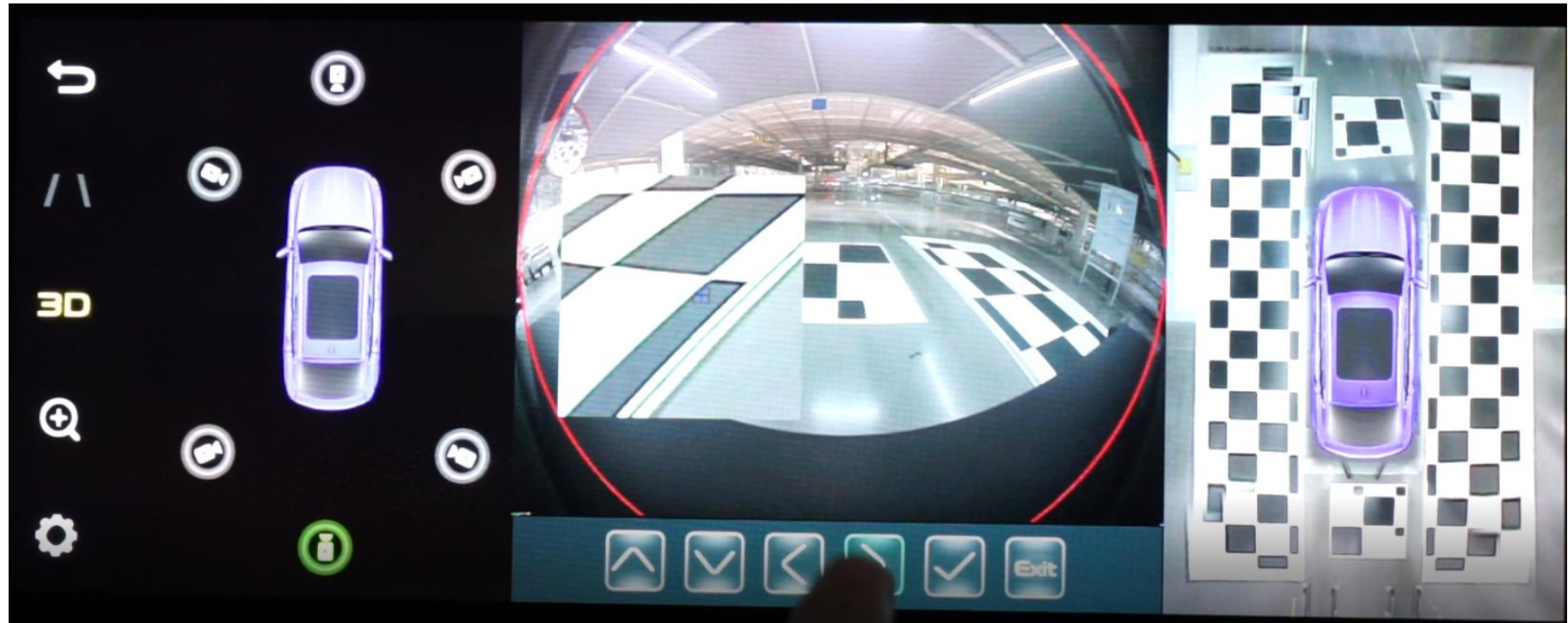
Click four times in a row





## Step 4: Select / Start Auto or manual Calibration

After clicking the "manual Calibration" button, enter the calibration screen, and then click the direction buttons for calibration





## Step 5: Calibration result selection

After the calibration is completed, it will show are you sure to save and exit. If the calibration is successful, you should click yes, otherwise, you should click no.





## Step 6: Check the calibration results

Before calibration:



After calibration:



After the calibration is completed, the calibration pattern in the red dotted frame of the panorama screen will change when the calibration "Calibration Success"

1. After successful calibration, all 4 calibration patterns are displayed completely and evenly distributed.
2. The calibration pattern is displayed clearly
3. The size of the black and white blocks in the center of the same calibration pattern is the same

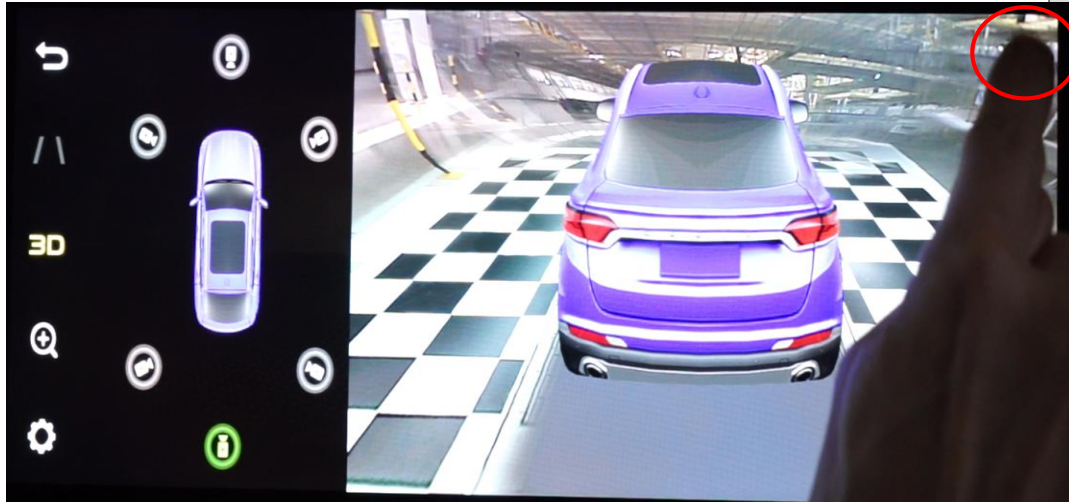


For KX11 model AVM/PAS function, you can also choose on road calibration.

## Step 1: Enter factory mode

1. Tap the 360 AVM APP icon on the screen or the 360 AVM button on the assistant dashboard
2. Click the 3D View button on the left to enter the 3D screen
3. Continuously click the upper right corner of the 3D screen 4 times

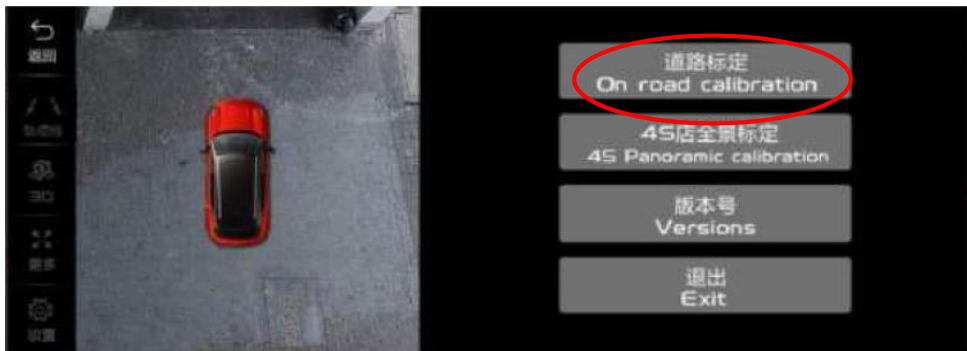
Click four times in a row







## Step 2: Choose On road calibration



## Step 3: Start calibration



- During calibration, keep driving speed slower than 35 km/h;
- During calibration, keep driving straight, if steering wheel angle exceed the limit, there will be a prompt of correct the steering wheel;



## Step 4: Finish calibration



After calibration finished, there will be a prompt, if you confirm the calibration result is ok, click “application”, if not, click “Exit”.



# 快乐人生 吉利相伴

1760, Jiangling Road, Binjiang District, Hangzhou,  
Zhejiang Province, P, R.China, 310051

[www.geely.com](http://www.geely.com)

No.918,Binhai 4th Rd. Hangzhou Bay New District,

造 每 个 人 的 精 品 车