

Preface

Dear owners,

Thank you very much for using our products. Please carefully read this manual before first-time use so that you can know about the operation method for the product, which facilitates you to safely use and better enjoy entertainment! Please read this manual carefully before using the services. You can call the Riddara customer service hotline if you have any questions.

Some functions of this model require traffic services; using related applications may require purchasing products or services, please purchase voluntarily as needed. For details, please consult your local authorized dealer or service centre based on the actual vehicle condition.

Important security information:

- In order to avoid the violation of traffic rules, and any unwanted traffic accident, the driver is prohibited to watch any program and operate this device during driving.
- Due to the mutual interference between the audio amplifier and the phone, echo and sound distortion may occur in the vehicle. Therefore, in the vehicle, do not use your phone to make or receive a call from any in-vehicle person via the Bluetooth function.
- To ensure safe and normal use, do not disassemble or repair the infotainment head unit by yourself to avoid damage to the unit or accidents.

Due to the continuous upgrading of the product, the actual operation steps may not fully comply with the manual. Please use the manual according to the actual operations.

The working voltage of the product is 9V ~ 16V. In the case that the low-voltage battery is not replaced in time according to the maintenance manual, the battery will lose power and cause insufficient power supply, which may lead to product self-protection and restart.

If you have the following behaviours, we may suspend the relevant services for you:

- Violations of Chinese laws and regulations;
- Provision of false registration information;
- Use of services by improper means;
- Acts that harm other users; Abuse of user rights;
- Violations of social customs and morals;
- Acts that incite ethnic hatred, ethnic discrimination, and undermine national unity;
- Dissemination of obscene, pornographic, gambling, violent, homicide, terror information or instigation of crimes;

- Acts that undermine national security, leak state secrets, subvert state power, and undermine national unity.

If you have any questions, please contact us:

- Riddara customer service hotline: 400-111-8264;
- Mail letters to: No. 99 Meishan Road, Xitan Community, Zichuan Economic Development Zone, Zibo City, Shandong Province;
- Our website: <https://www.radar-ev.com/>

Made by Shandong Tangjun Ouling Automobile Manufacture Co., Ltd.

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Contents

1

2

3

4

5

6

7

8

9

Description

3 Safety Information

3 Notice to owners

Multimedia system (Type 1)

5 System overview

5 System introduction

5 Basic operations

6 System desktop

11 Secondary screen, screen locking

12 Settings

12 Energy

13 Car Settings

15 System settings

20 Voice

20 Introduction

20 Common voice interactions

21 Multimedia

21 Audio

22 Video

23 Picture

24 Bluetooth

24 Bluetooth

26 Phone

26 Dial

26 Answering and ending calls

27 Contacts

28 Privacy protection

Multimedia system (Type 2)

29 System overview

29 System introduction

29 System desktop

31 System power on and screen off

32 My car

32 My car

32 Sound

33 Assistant

33 Others

34 System

37 Status bar

37 Bluetooth

37 WLAN

38 Navigation

38 Start navigation

38 Home screen introduction

39 Search destinations

39 Map updating

40 Voice

40 Introduction

40 Common voice interactions

43 Multimedia

43 Introduction

43 Carlink

43 CarbitLink

44 Phone

44 Dial

45 Answering and ending calls

45 Theme

45 Theme

45 Scene centre

45 Scene centre

Safety Information

- There is an uninsulated dangerous voltage in the product shell, which may cause the risk of electric shock to personnel.
- To reduce the risk of electric shock, do not remove the shell or back cover of the product without authorization. If a malfunction occurs, please contact professional maintenance personnel.
- To reduce the risk of fire and electric shock, do not expose this product to humidity such as high moisture or rain.
- Always safely control the vehicle. Do not divert your attention while driving and always pay attention to the driving situation. First confirm the safety and legality of the operation before changing the settings or any other function options. To ensure safety, some functions will be restricted during driving until the vehicle comes to a complete stop.
- When driving, make sure that the sound volume inside the vehicle will not affect your ability to hear external sounds.
- Handle with care, no heavy objects can be stacked on this product.
- When driving, the driver shall not watch the display. Otherwise, it may cause fatal accidents due to distraction.

Notice to owners

- Do not use your phone while driving. You must park in a safe place when you need to use your phone.
- Multimedia operating temperature: -30°C to 75°C, storage temperature: -40°C to 85°C.
- The judgment of a cell phone navigation system is not completely accurate. Drivers still need to make assessments based on actual conditions, obey traffic rules and constantly pay attention to current traffic situations.
- In case of discrepancies, traffic laws and the current traffic situation always take precedence over the mobile navigation system.
- For safety concerns, you can only use the navigation system menu before starting to depart or when the vehicle is stationary.
- In places where there is only one road, if the road breaks or is prohibited from access (e.g., pedestrian streets), the navigation system will issue a warning. Take care in such situations.
- The navigation system does not take route safety into account when suggesting routes. Issues that could affect driving route safety and time, such as obstacles, building locations, height and weight restrictions, traffic and weather conditions are not taken into consideration in the suggested routes. It is up to the driver to decide which route is the most suitable.

Description

- The speed limits specified in current road traffic laws are more authoritative than the stored data in the navigation system; the navigation system cannot always align with traffic laws on speed limits in any situation. The driver should always be aware of the speed limits set by current road traffic laws and drive safely.
- Do not rely solely on the navigation system to locate emergency services (such as hospitals, fire facilities, etc.). The system may not contain data on all emergency services in the vicinity in the database, and it is up to the driver to find emergency help on his or her judgment.



Do not disassemble or modify this product. Failure to do so may result in accidents, fires, and electrocution. In case of a breakdown, please contact a Riddara service centre on time. While driving, the driver should not watch videos.

System overview

System introduction

The in-vehicle infotainment system mainly consists of components such as multimedia, software applications, GPS aerial, loudspeakers (bass, tweeter), microphone, buttons on the right side of the steering wheel, USB port and Type-C port.

It primarily achieves functions such as USB audio and video playback, Bluetooth phone calls, GPS navigation, information display, vehicle settings, voice control, air conditioning display and settings.

Basic operations

Turn on the system

When the system is off, users can turn it on by starting the vehicle. In non-remote mode, when the vehicle is unlocked, if the start switch is in the ACC or ON position, the system will be automatically turned on.

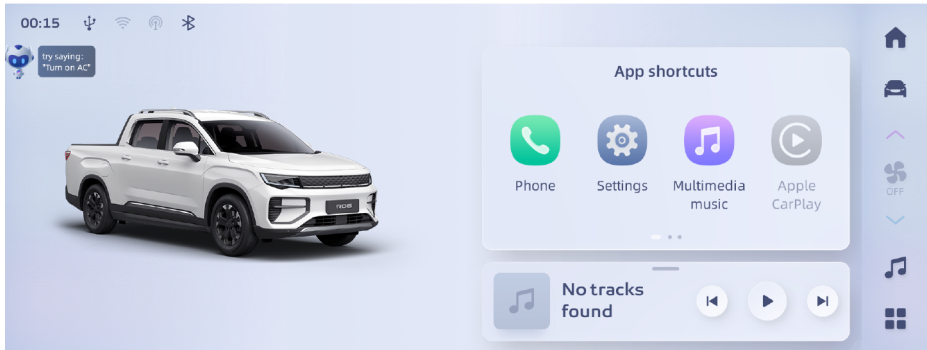
Touchscreen usage


- One-finger tap: open applications, set progress bars, perform button functions, etc.
- Long touch: long touch the home icon to adjust the layout position of the icons.
- Slide: scroll up and down the list, turn pages left and right, etc.
- Drag: position the progress.

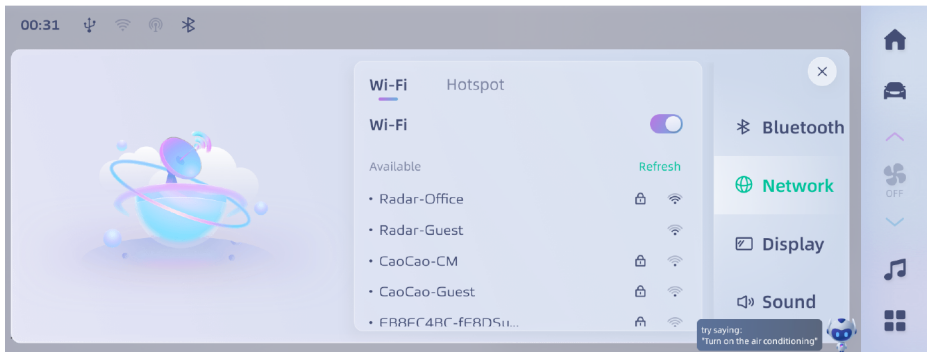
System desktop


Home screen introduction

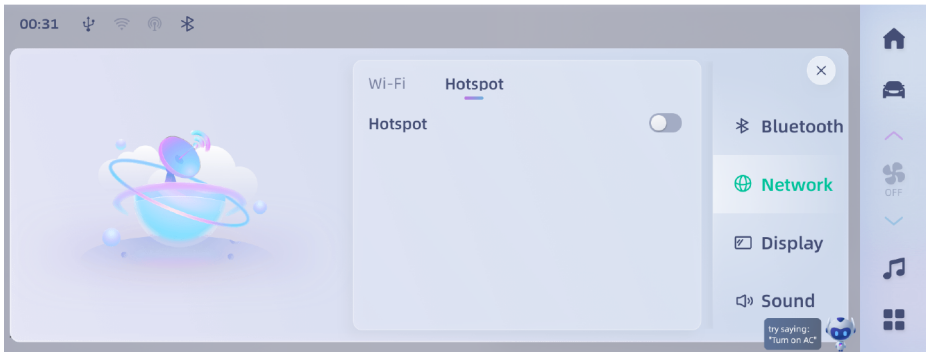
The system home screen consists of a DOCK bar on the left, smart and media cards in the centre and a status bar at the top.




Tap  on the left side of the status bar at the top of the home screen to bring up the shortcut for WI-FI connection.

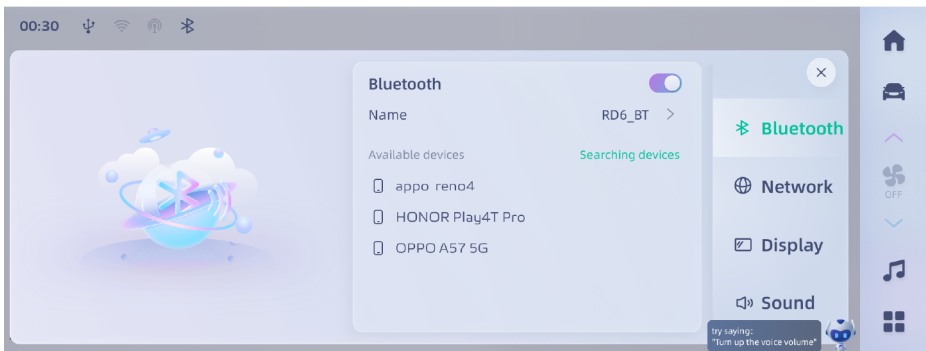


Tap  on the left side of the status bar at the top of the home screen to bring up the shortcut for turning on-board hotspot on/off.



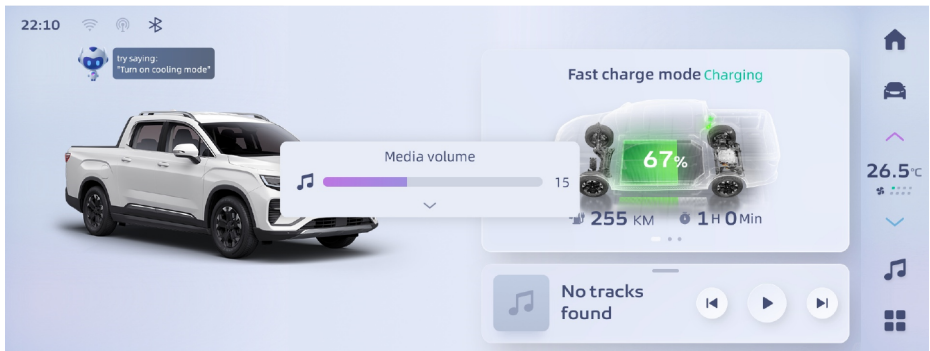
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Tap  on the left side of the status bar at the top of the home screen to bring up the shortcut for turning Bluetooth on/off.

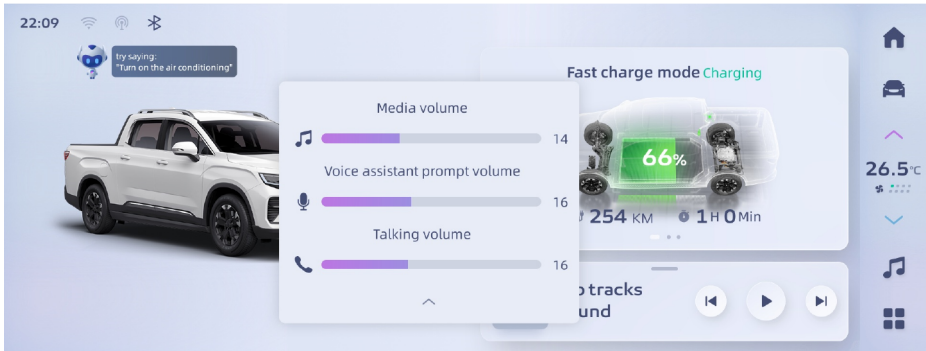


Press the volume adjustment button on the steering wheel to bring up the volume adjustment box on the home screen.

Multimedia system (Type 1)



Tap [] in the volume adjustment box to bring up the media, voice, and call volume bar adjustment interface.



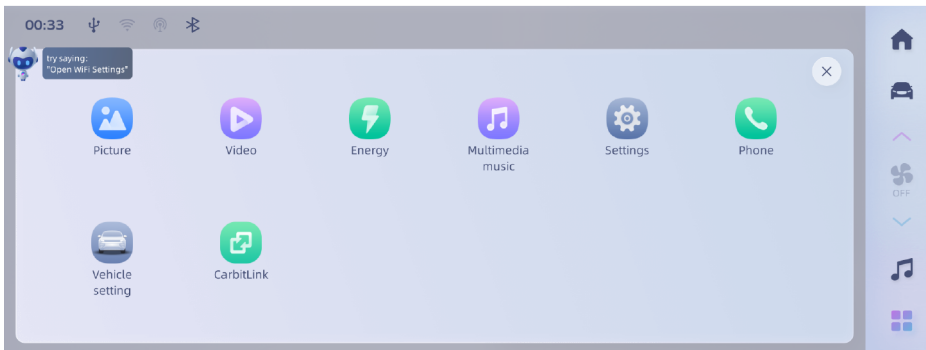
2

Smart card and media card

The smart card can display options such as Energy center and Energy recovery.

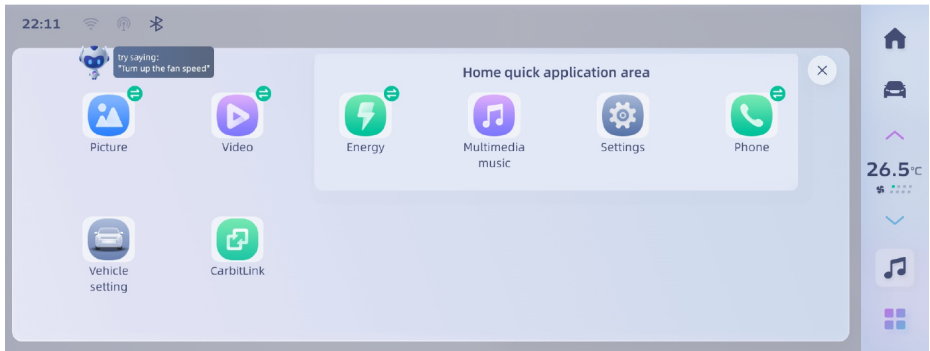
Dock bar introduction

Tap the right DOCK bar [] on the home screen to enter the All applications interface. This interface provides various applications such as Bluetooth, Phone, System settings, Audio, and Energy to meet the needs of most scenarios during driving.

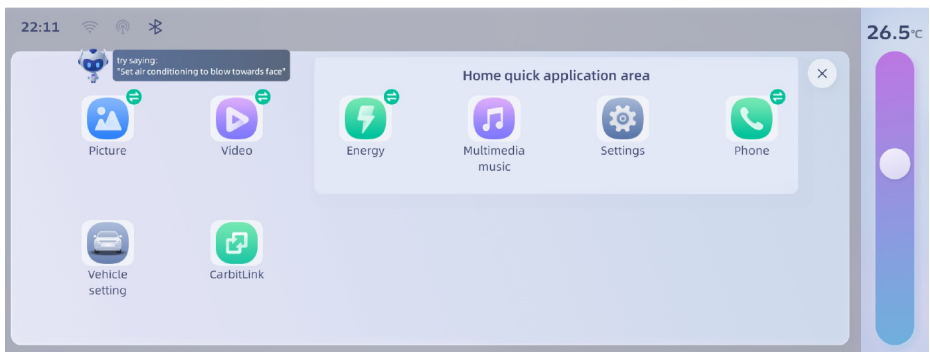


Multimedia system (Type 1)

Long touch the application icon for 2 seconds to enter the All applications editing interface. Dragging an application icon to the position of a DOCK bar navigation icon can replace the icon.



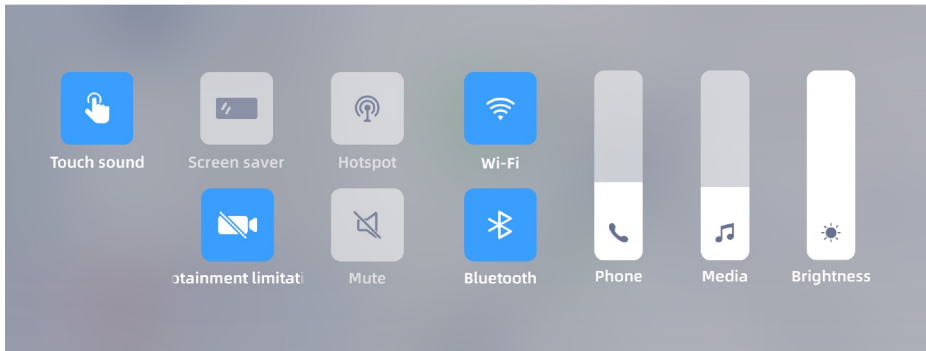
Long touch the air conditioning icon in the DOCK bar for 2 seconds to bring up the temperature blind control shortcut.



Secondary screen, screen locking

Introduction the secondary screen

Slide down the display to pop up the [Secondary screen] interface. This interface contains shortcut settings such as WLAN on/off, Bluetooth on/off, Hotspot sharing, Mute on/off, Brightness adjustment, Media volume adjustment, and Infotainment limitation during driving. The shortcuts contained may differ by model.



Screensaver interface

You can set the screensaver on or off on the secondary screen. If the screensaver is on, you can unlock the screen by tapping anywhere on the desktop after the screen is locked.

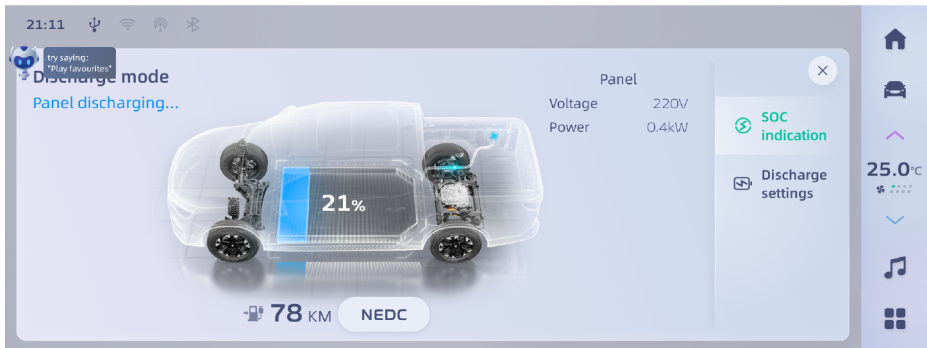


Settings

Energy

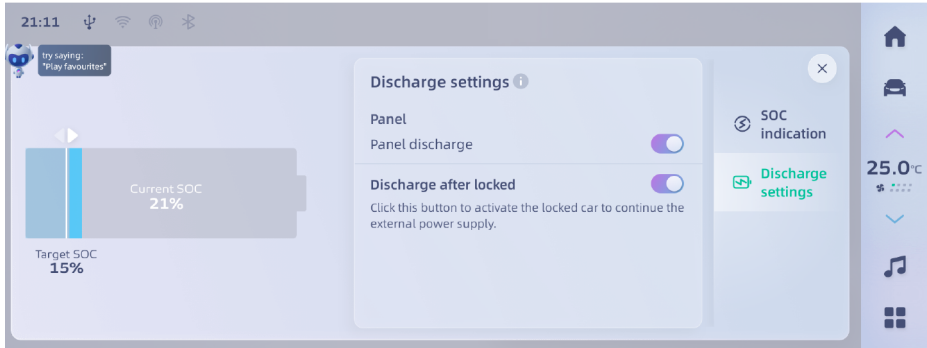
Tap the DOCK bar [] - [Energy] - [SOC indication].

You can set the display interface to Stationary mode, Energy recovery mode, Charging mode, or Discharging mode.



Tap the DOCK bar [] - [Energy] - [Discharge setting].

You can set the discharge power value.



Car Settings

Tap the DOCK bar [Car Settings] icon.

The interface contains three options: Security and Lighting, covering common vehicle settings as well as safety and security settings, which can provide you with a better driving experience.

The settings may vary by model.



Security

Tap the DOCK bar [Car Settings] - [Security].

The interface contains options including energy recovery level, infotainment limitation during driving, and unlocking using remote key.



[Energy recovery level]: you can set the level as Low, Medium or High.

[Infotainment limitation during driving]: when this option is turned on, video play is prohibited when the vehicle speed exceeds 15km/h; when it is turned off, video play is allowed.

[Remote key unlocking]: You can set the remote key to unlock the driver door or all the doors.

[Alert alarm type]: You can choose Lamp only or Lamp and sound.

[Acoustic vehicle alerting system]: you can set the alert tone as Low, Medium or High.

[Power-saving mode]: You can enable or disable the power-saving mode.

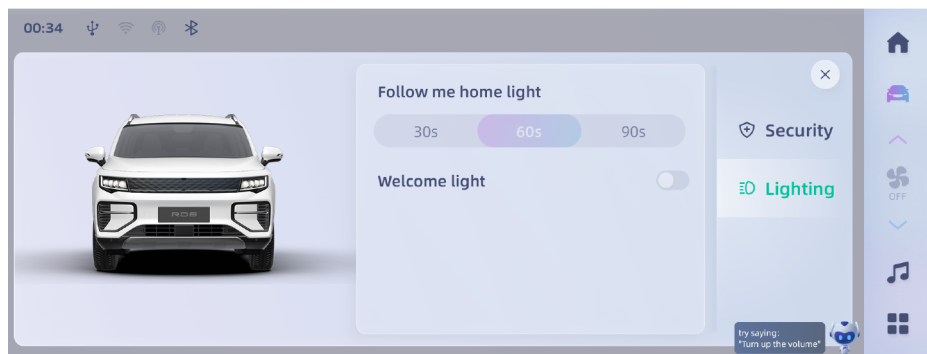
[Towing mode]: You can enable or disable the towing mode.

Lighting

Tap the DOCK bar [Car Settings] - [Lighting].

In this interface, you can set the display duration of the Follow me home light to 30s, 60s or 90s;

You can also set the Welcome light on or off.



System settings

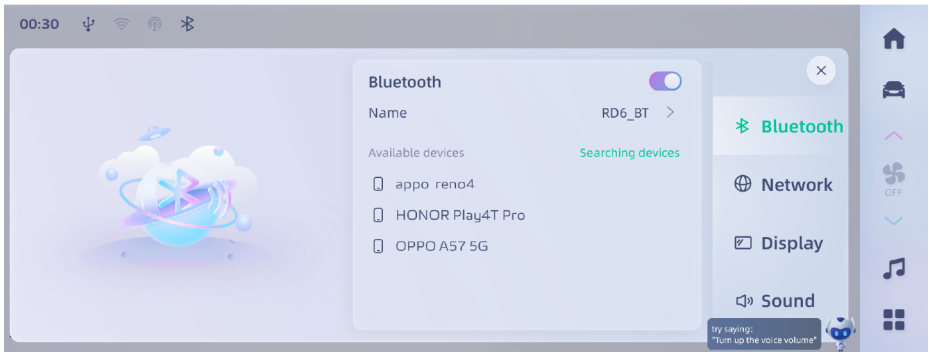
Tap the DOCK bar [] - [Settings].

You can set Bluetooth, network, display, sound, voice and system.

Bluetooth

Tap the DOCK bar [] - Settings] - [Bluetooth].

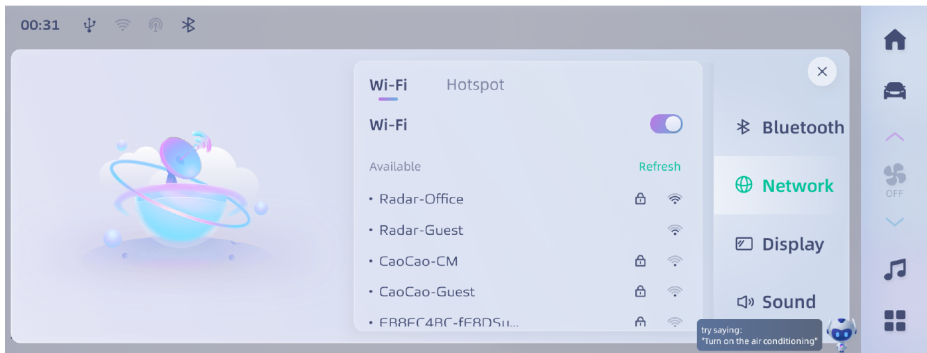
You can set Bluetooth on/off, modify the head unit name display and connect Bluetooth devices.



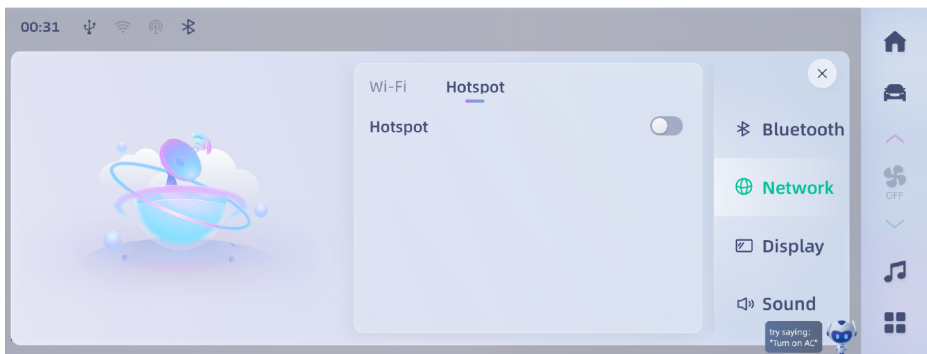
Network

Tap the DOCK bar [🗲] - [Settings] - [Network].

You can set the Wi-Fi network or On-board hotspot.



[Wi-Fi network]: select an available network for connection.

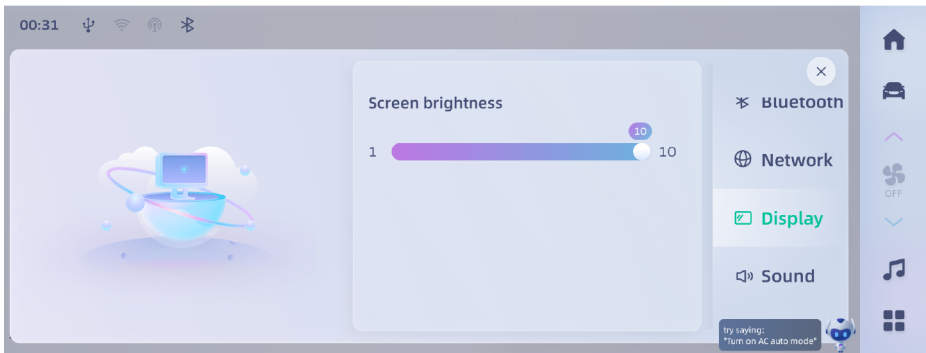


[On-board hotspot]: you can turn it on to share it with other devices or modify the hotspot name and password.

Display

Tap the DOCK bar [] - [Settings] - [Display].

You can adjust the display brightness here.

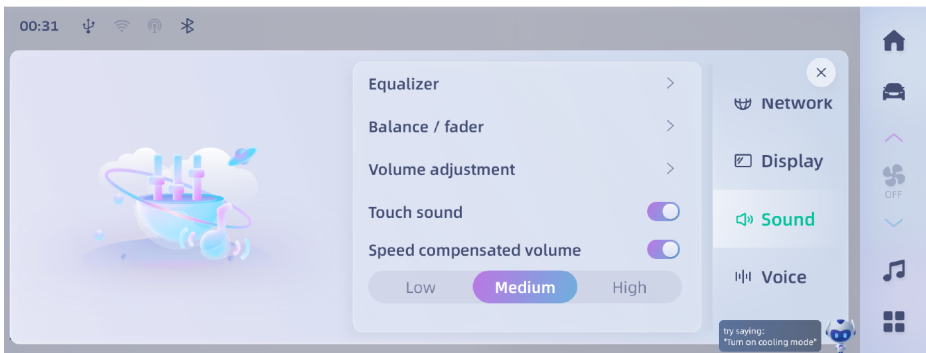


[Screen brightness adjustment]: adjust screen brightness in the range of 1-10.

Sound

Tap the DOCK bar [] - [Settings] - [Sound].

The sound adjustment functions and forms may differ by model. Please check your vehicle for details.



[Equalizer]: adjust different equalizer settings.

[Balance/fader]: set different balance/fader effect.

[Volume adjustment]: adjust the volume of each sound source.

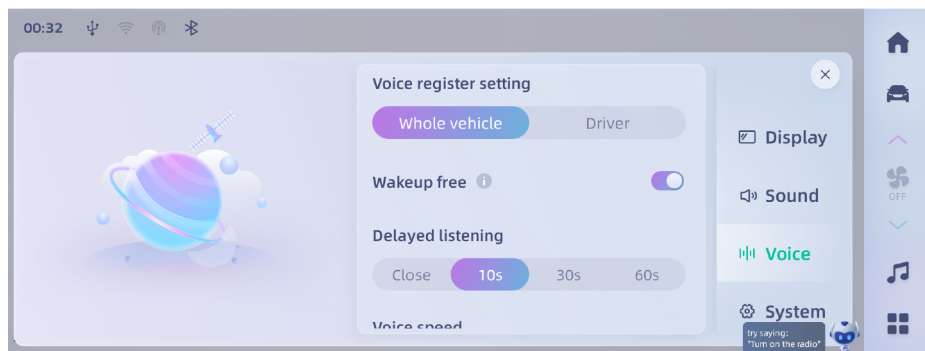
[Touch screen sound]: turn on/off the touch screen sound.

[Speed-compensated volume]: set speed-compensated volume as High, Medium or Low.

Voice

Tap the DOCK bar [] - [Settings] - [Voice].

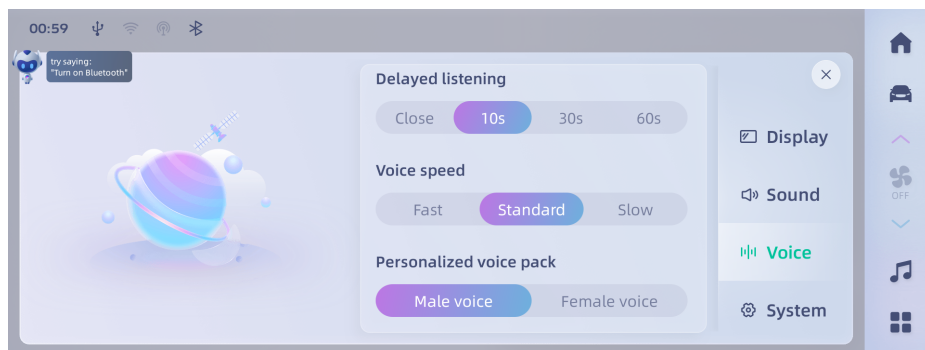
You can choose a voice or switch the voice register (voice assistant loudspeaker).



[Switch voice register (voice assistant loudspeaker)]: set the vehicle or driver side loudspeaker as the voice assistant loudspeaker (the one covering the vehicle is the default one).

[Wakeup free]: you can set wake-up free on/off of functions such as music, navigation and phone.

[Delayed listening (wakeup interval)]: no need to wake up again within the wakeup interval, selectable interval: Close, 10s, 30s, 60s.



[Voice speed]: you can set the speed as fast, standard or slow.

[Personalized voice pack]: you can personalize your voice pack as male or female.

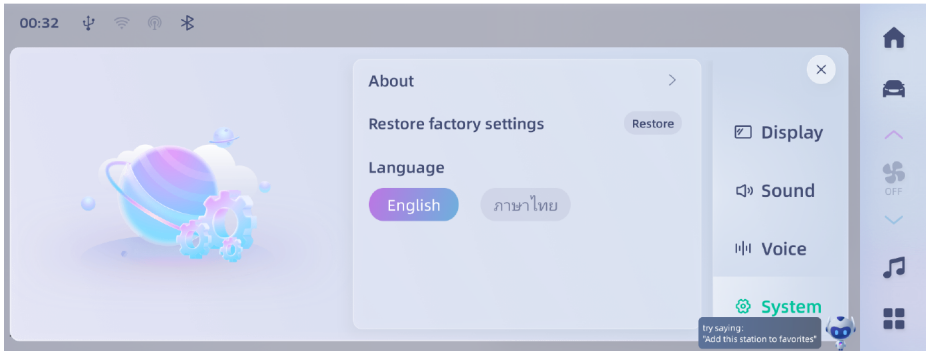
[Voice skills]: set Voice communication, Controls, Bluetooth or Play music.

[Reset]: reset all voice settings.

System

Tap the DOCK bar [] - [Settings] - [System].

You can check the system version, switch the language, and restore factory settings.



2

[About]: you can check the Hardware version and System version.

[Language]: You can switch the language.

[Restore factory settings]: restoring factory settings will erase all personal data and personalized settings in the system. The system will automatically restart after the operation, please proceed with caution.

Voice

Introduction

Voice is a more appropriate and convenient way of interaction in the vehicle. We expect to free your hands through voice interaction and provide you with a more intelligent, scenario-based and humanized experience. The voice assistant can help you use the system applications better.

Common voice interactions

Wake up voice assistant

- Short press the voice button on the steering wheel to wake up the voice assistant.
- Tap the voice assistant avatar in the upper left corner of the main interface to wake it up.

Voice calling

After waking up the assistant, the system is connected to Bluetooth and you can make a call by voice command.

Multimedia

Audio

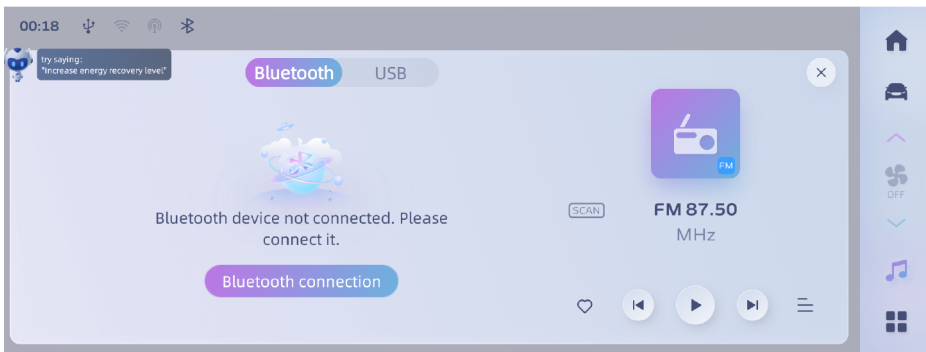
Tap the DOCK bar [📱] - [Audio].

There are Bluetooth and USB options to suit different people's preferences.

Bluetooth

Tap the DOCK bar [📱] - [Audio] - [Bluetooth].

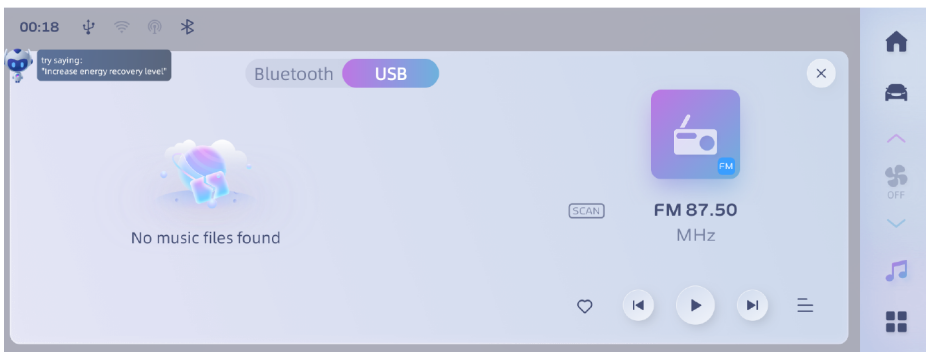
After your phone is connected to Bluetooth, the music in the phone is played through Bluetooth.



USB

Tap the DOCK bar [📱] - [Audio] - [USB].

After a USB flash drive is inserted, the music files inside will be read and played.



Video

Tap the DOCK bar [] - [Video].

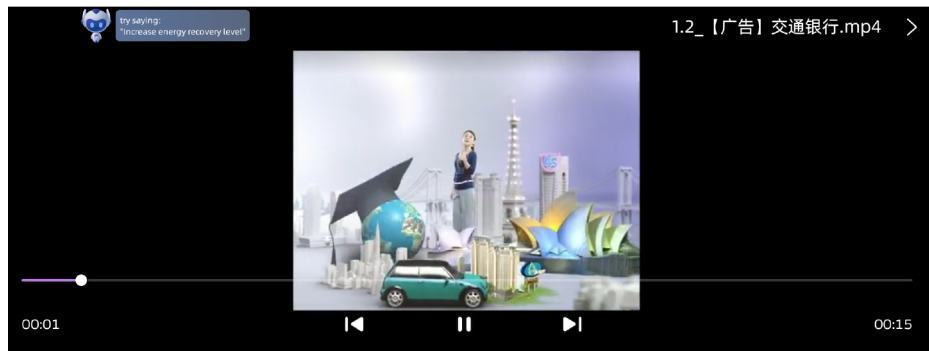
Insert a USB device to use the video function.

After inserting a USB device, tap [Video] to enter the video list interface.



Play the video

You can play/pause the video or go to the previous or next video. Swipe up and down on the left side of the video to adjust the brightness, swipe up and down on the right side of the screen to adjust the volume, and drag the progress bar below to go forward/backwards.



Picture

Tap the DOCK bar [] - [Picture].

Insert a USB device to use the video function.

After inserting the USB device, tap [Picture] to enter the picture interface.



Play pictures

You can view pictures in supported formats from USB devices. You can rotate them, double-tap to zoom them in/out and swipe them left/right to switch between previous and next pictures.



Bluetooth

Bluetooth

Prior-use Instructions

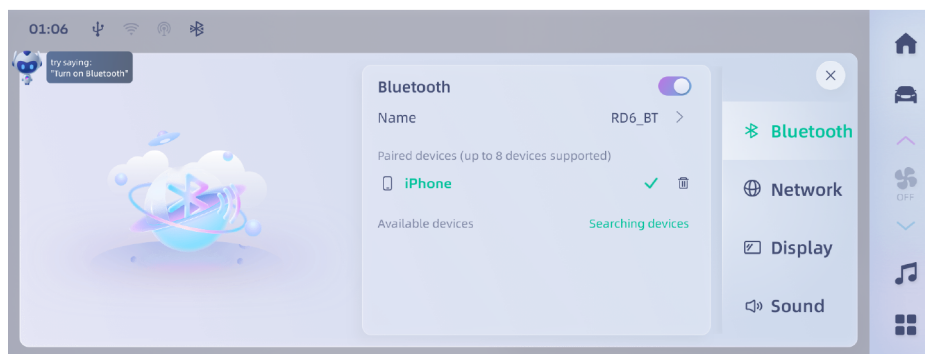
- Before connecting the host with your phone, please check if your phone has Bluetooth function.
- Please stop the car before operating or pairing the Bluetooth device.
- Some Bluetooth features may not work properly due to the incompatibility of the phone hardware version. They may work properly after a software upgrade provided by your mobile phone manufacturer. Please unpair all and pair again before using.

Pairing and connecting phone Bluetooth

Turn on the Bluetooth function on your phone. Refer to your phone's guidebook for details.

Search for the phone to be paired

1. Tap the DOCK bar [] - [System Settings] - [Bluetooth] - [Search].
2. Tap the Bluetooth device you want to pair.
3. Bluetooth device is connected. After connection, the name of this device appears in the list of Paired devices.



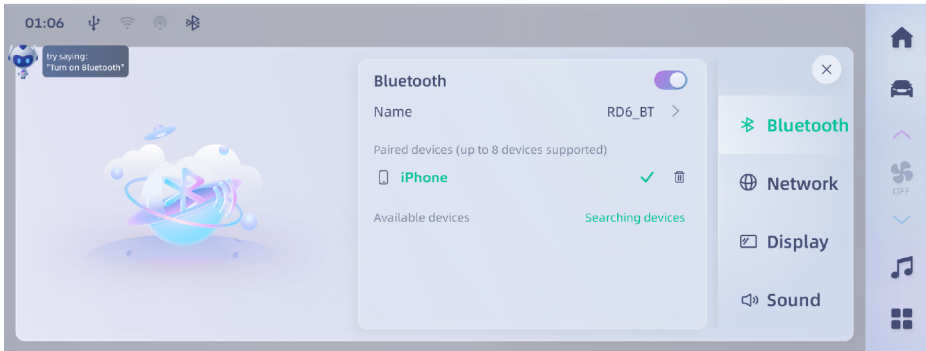
Disconnect the connected device

Tap the paired device again and it is disconnected.

Delete Bluetooth devices

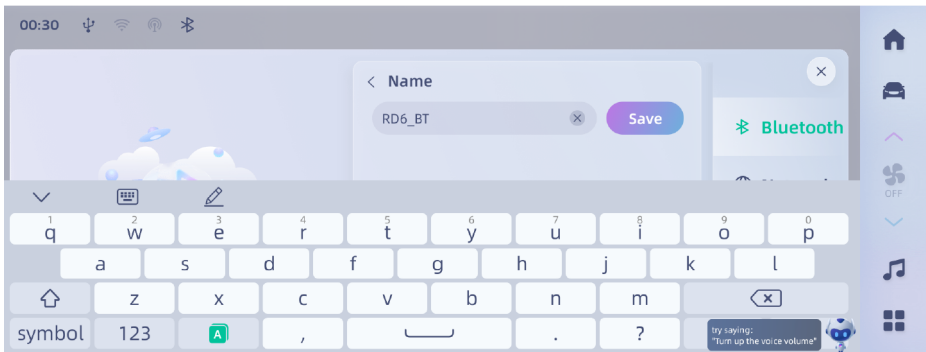
After deleting a Bluetooth device, all call records and address books are deleted.

Click [🗑️] on the Bluetooth interface to delete a single device.



Modify the name of a Bluetooth device

Tap [➤] on the Bluetooth interface to modify the name of the Bluetooth device.

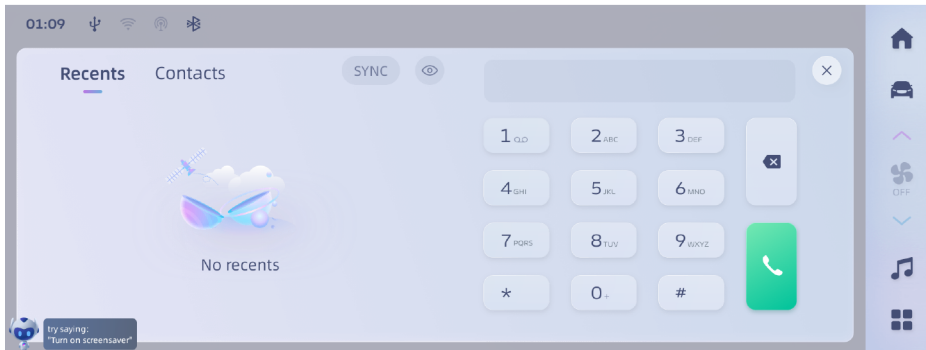


Phone

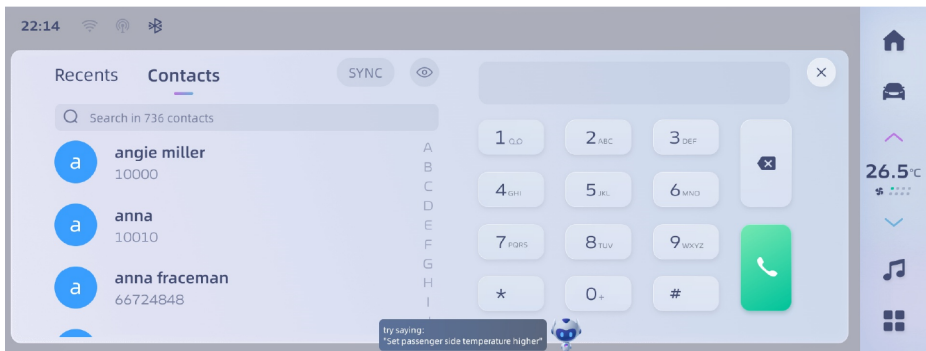
Dial

Multiple ways to make calls are offered.

1. Directly enter the phone number to make a call



2. Select a contact to make a call

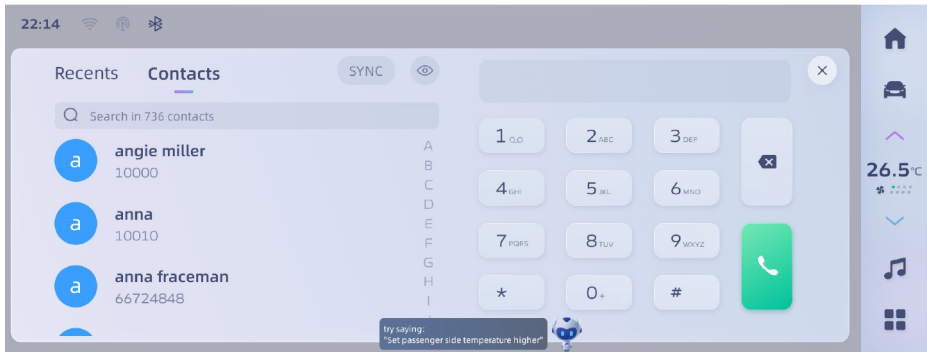


Answering and ending calls

You can answer and end calls via the dedicated buttons on the steering wheel, or by swiping the touchscreen.

Contacts

Click the [Contact] icon on the phone interface, then click [SYNC] in the upper right corner. When your phone and the head unit are connected through Bluetooth and you agree on the phone to synchronize the contacts, phone contacts can be imported to the head unit.



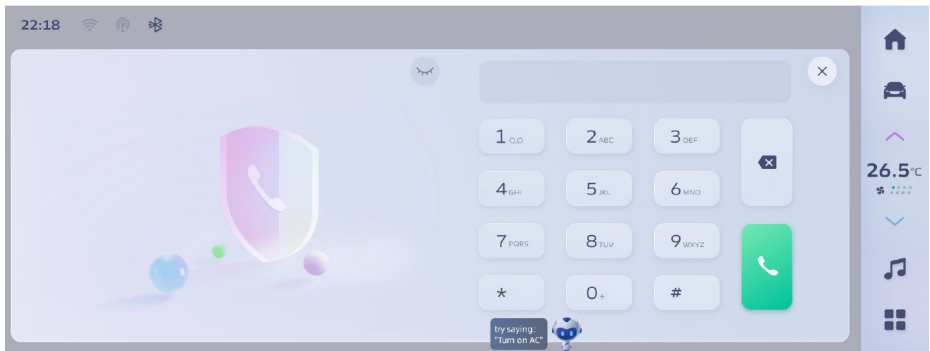
Quick search

Click on the search box on the phone interface, and enter the name to be searched or the name's initials.



Privacy protection

Tap the [] icon in the upper right corner of the phone interface to enter the privacy protection interface.



System overview

System introduction

The in-vehicle infotainment system mainly consists of components such as multimedia, software applications, GPS aerial, 4G aerial, loudspeakers (bass, tweeter), microphone, POWER button, buttons on the right side of the steering wheel, USB and Type-C.

It primarily achieves functions such as USB audio and video playback, time display, Bluetooth phone calls, GPS navigation, information display, voice control, air conditioning display and settings.

System desktop

Introduction

The system desktop mainly displays content such as virtual images and intelligent scene recommendations; the homepage provides a variety of widgets (application widgets), such as search, multimedia and calendar.

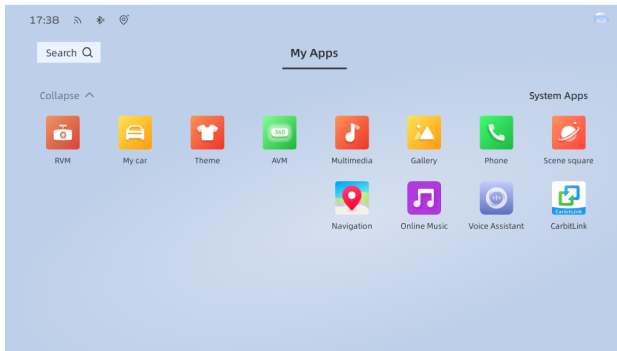
Tap the icon near the vehicle model on the system desktop to quickly activate energy management and truck bed discharging.

1. Long touch the temperature adjustment button on the taskbar to enable temperature adjustment.
2. Users can customize the taskbar by long-touching APP icons in the taskbar as they prefer.



Multimedia system (Type 2)

The APP list interface contains a variety of APPs, such as multimedia, phone, scene centre and theme, to cater for most of the scenarios during the use of your vehicle. We are continuously improving the system and will gradually introduce more useful APPs.



Introduction to the drop-down menu bar

Slide down from the top left side to drag out the control centre, and by clicking the Edit button in the upper right corner you can add, subtract or move the soft switches of the control centre.



System power on and screen off

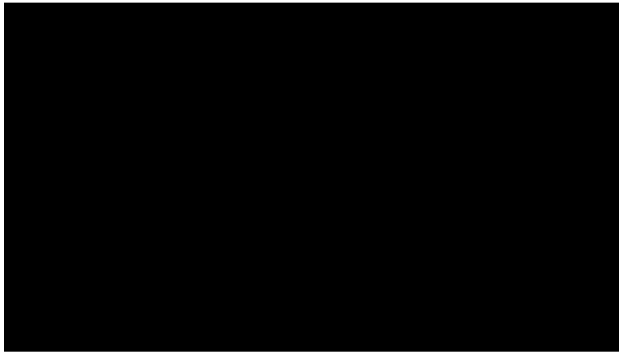
Power on

When the system is turned off, users can turn it on using any of the following methods:

- Press the start switch once when the brake pedal is not depressed, and the start switch switches to the ACC position.
- Press the start switch twice when the brake pedal is not depressed, and the start switch switches to the ON position.
- Depress the brake pedal and press the start switch to start the vehicle.

Screen off

After the screen is turned off, click on any location on the desktop to unlock the screen again.

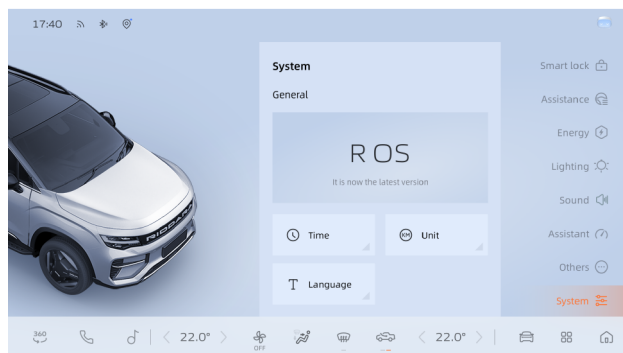


My car

My car

Tap the My car APP icon to enter the My car interface.

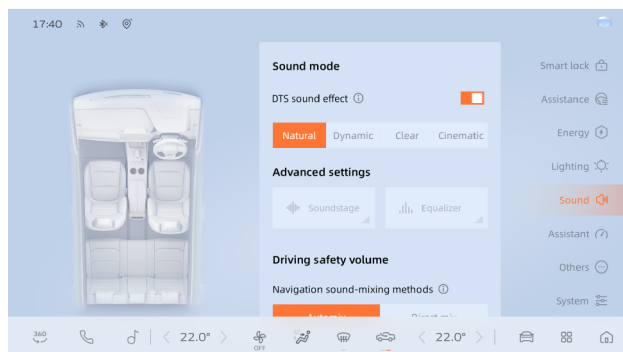
The interface contains options including Smart lock, Assistance, Energy, Lighting, Sound and Assistant, covering common vehicle settings as well as safety and security settings, which can provide you with a better driving experience.



Sound

Enter [My car] - [Sound].

You can set sounds for the entire vehicle.



[DTS sound effect]: You can enable or disable DTS Sound Effect, and set the type of DTS sound effect.

[Navigation sound mixing]: Set the navigation sound mixing mode to Auto Mix or Direct Mix.

[Speed-compensated volume]: Set the speed-compensated volume.

[Full vehicle alarm volume]: You can set the full vehicle alarm volume.

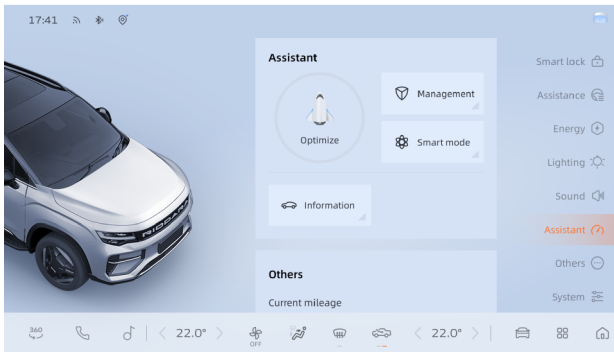
[Touch screen sound]: Set the touch screen sound.

[AVAS]: You can set the AVAS alert tone as Low, Medium or High.

Assistant

Enter [My car] - [Assistant].

You can set Head unit management, Smart mode and Vehicle and service information.

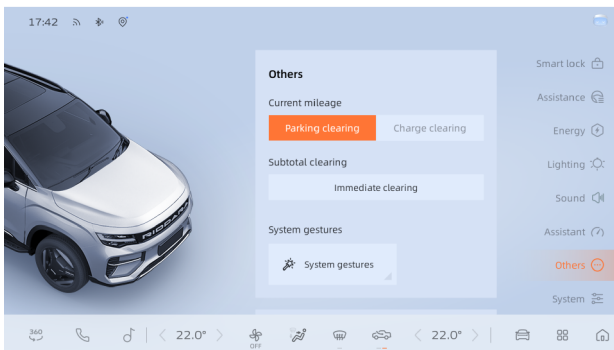


3

Others

Enter [My car] - [Others].

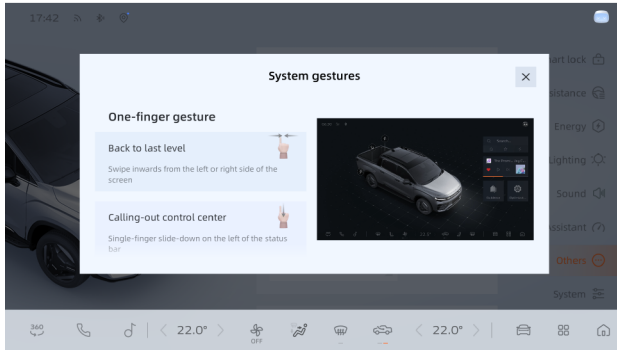
You can set the current distance, trip distance and system gesture.



System gestures

Enter [My car] - [Others] - [System gestures].

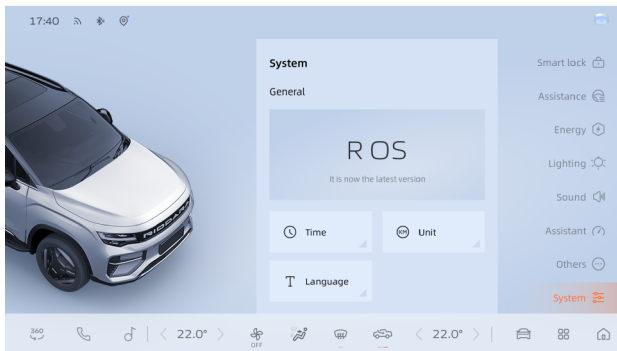
You can set the operation skills related to one-finger, two-finger and three-or more-finger gestures.



System

Enter [My car] - [System].

You can set the General, App management, and Reset functions.



General

Enter [My Car] → [System] → [General].

You can view the system version and set the time, unit and language.

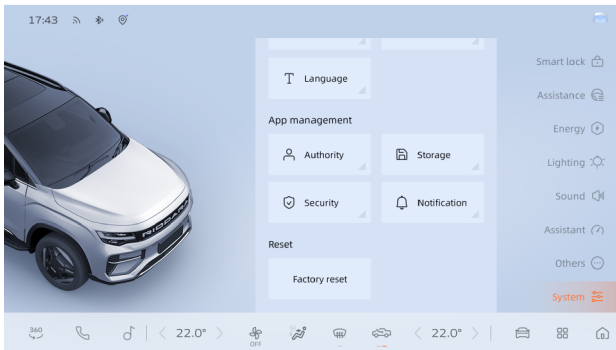


3

App management

Enter [My car] - [System] - [App management].

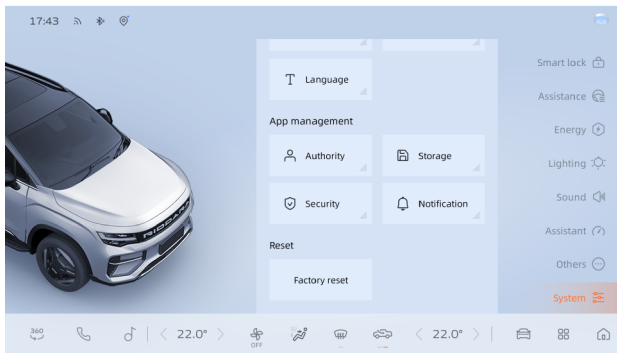
You can set Authority, Notification, Storage and Security.



Reset

Enter [My car] - [System] - [Reset].

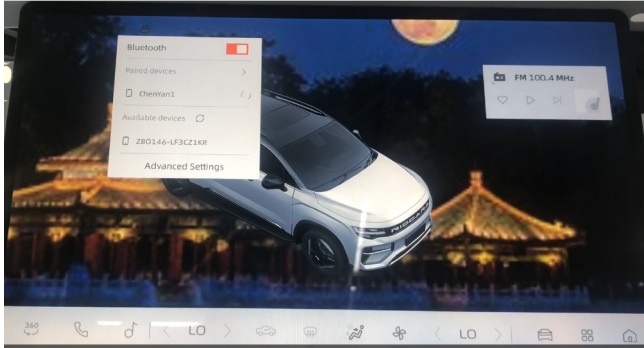
You can factory reset the head unit.



Status bar

Bluetooth

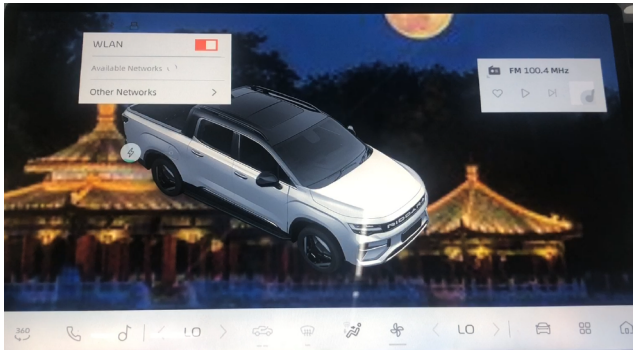
Tap the Status bar → Bluetooth on the multimedia display.



You can turn the Bluetooth on or off. Turn on the Bluetooth, search for Bluetooth devices, and at the same time turn on the Bluetooth on your phone, select your mobile Bluetooth for pairing and your phone will receive a message alert for pairing.

WLAN

Tap Status bar → WLAN on the multimedia display.



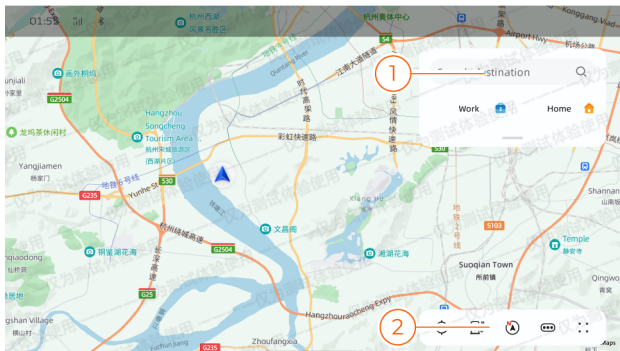
You can turn on and off the WLAN. After turning on the WLAN, select the corresponding WLAN network to connect to it.

Navigation

Start navigation

You can start navigation by tapping the [AutoNavi Map] app on the desktop or the navigation widget on the home screen, or you can call the voice assistant to start navigation. You can cast the multimedia navigation map to the dash panel with a three-finger left swipe, displaying the map full-screen in the dash panel.

Home screen introduction

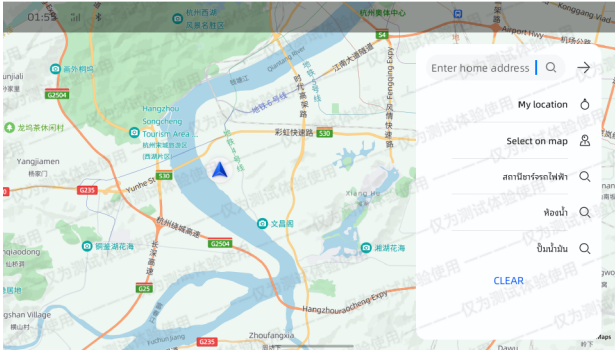


1. Search destination: tap to search for the place you want to go to.
2. Setting: tap to check functions such as turn on/off Road conditions and phone-vehicle interconnection.

Search destinations

Manual search

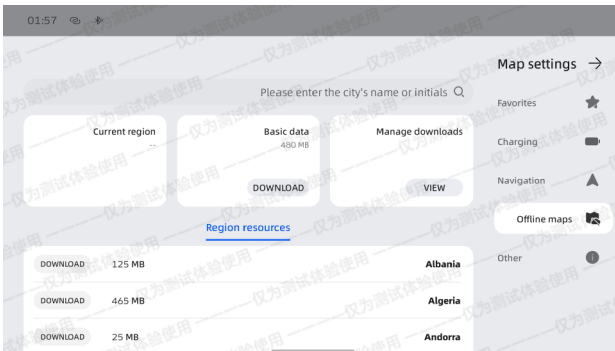
Tap the Search destinations button on the main interface, enter a keyword in the search box, and select a destination from the search results, then the navigation starts.



3

Map updating

Tap Feedback in the map main interface to find offline data, and download offline map data of your city. With offline map data, you can navigate without the internet.



Voice

Introduction

Voice is a more appropriate and convenient way of interaction in the vehicle. We expect to free your hands through voice interaction and provide you with a more intelligent, scenario-based and humanized experience. The voice assistant can help you use the system applications better.

Common voice interactions

Wake up voice assistant

- Short press the voice button on the steering wheel to wake up the voice assistant.
- Tap the AI voice assistant app on the desktop.
- Wake words (if equipped): "Hello, Riddara."

Voice navigation

After waking up the assistant, you can ask it to launch navigation, with common commands as follows:

- How to get to the Window of the World?
- I'm going to the Geely Building.
- I'm going home.
- Navigate to the West Lake.
- Find a gas station nearby.
- Navigate to the National Convention and Exhibition Center.

You can also ask navigation-related questions, such as traffic conditions and the remaining time to the destination, and ask the assistant to save locations or search nearby places.

Voice calling

After waking up the assistant, you can make voice calls, with common commands as follows:

- Call Zhang San.
- Call 156-XXXX-2156.
- Call China Mobile.
- Enter contacts.

Voice song ordering (if equipped)

After waking up the assistant, you can order songs from it, with common commands as follows:

- I want to hear a song, a piece of music.
- Just a couple of songs.
- I want to listen to Jay Chou.
- I'd like to hear Confession Balloon.
- Pause, Exit, Previous, Next.
- Add it to Favourite Songs.
- Put this song on a single loop.
- Whose song is this?
- What is the name of this song?

Voice weather/time query (if equipped)

After waking up the assistant, you can ask about the weather and time, with common commands as follows:

- What's the weather like in Hangzhou?
- What is the weather in Hangzhou the day after tomorrow?
- What day is it today?
- What time is it?

Voice control of air conditioning

After waking up the assistant, you can ask it to adjust the air conditioning, with common commands as follows:

- Set the air conditioner to 25 degrees Celsius.
- Turn up the temperature.
- It's too hot.
- Turn on the front defrost function.
- Switch to the external circulation mode.
- Set the airflow to the maximum.

Voice window control

After waking up the assistant, you can ask it to adjust windows, with common commands as follows:

- Open the sunroof.
- Open the right rear window.
- Open the front windows.

Voice volume control

After waking up the assistant, you can ask it to adjust volume and brightness, with common commands as follows:

- Turn down the volume.
- Turn to mute.
- Turn the volume to 10.

Voice setting/app control

After waking up the assistant, you can ask it to handle settings and apps, with common commands as follows:

- Enter Theme.
- Enter Settings.
- Exit Member centre.
- Turn on the Bluetooth.
- Turn off the Wi-Fi.
- Turn on the Wi-Fi hotspot.

Multimedia

Introduction

Multimedia includes radio, Bluetooth music and USB music for easy access.

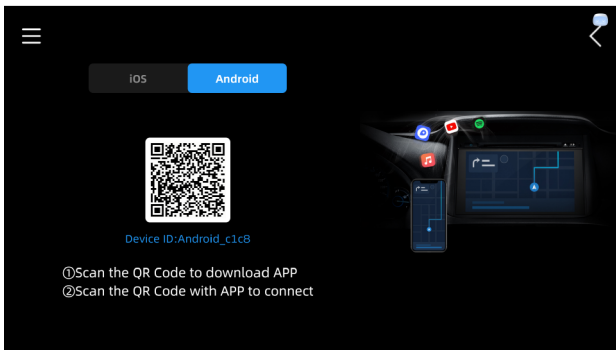


3

Carlink

CarbitLink

Tap on the icon of the CarbitLink APP, and follow the instructions shown on the screen to interconnect with your mobile phone.

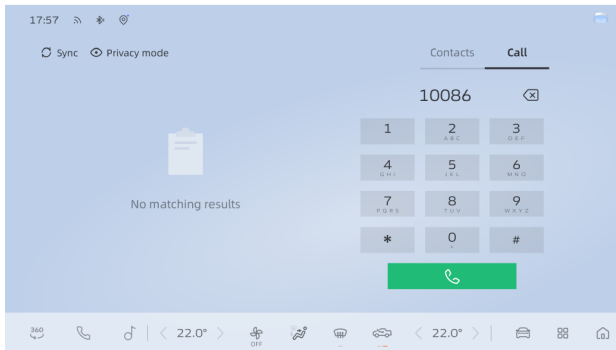


Phone

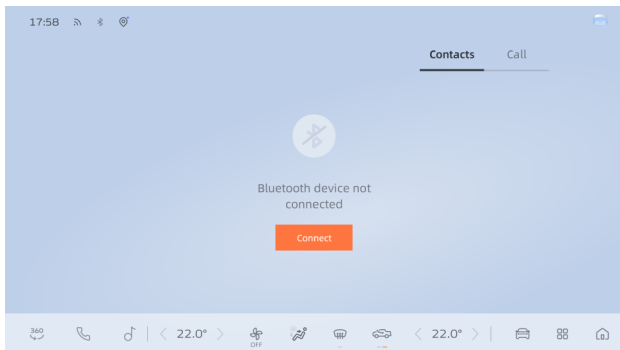
Dial

Multiple ways to make calls are offered.

1. Directly enter the phone number to make a call



2. Select a contact to make a call



Answering and ending calls

You can answer and end calls via the dedicated buttons on the steering wheel, or by swiping the touchscreen.

Theme

Theme

Click the theme app icon to enter the mall homepage.

You can choose a new wallpaper for the centre console display or instrument cluster display on the mall homepage. After selecting your favourite wallpaper and downloading it, you can apply it to replace the centre console display or instrument cluster display wallpaper.



Scene centre

Scene centre

Tap the Scene Centre APP to enter the scene mode, where you can set the camping mode.

