Android car radio player

User Manual

The operating system of this product only supports the official system update. If the user updates the third-party ROM system or uses the crack method to modify the system file, it may lead to system instability, data loss and security risks,We do not endorse and assume any responsibility for users in these situations.

List

Precautions----------2
Hardware parameters----------2
Setting----------3
1.Reset----------3
2.Network----------4
3.Device setting----------4
4.General setting----------5
5.Factory setting----------7
6.User setting----------9
7.System setting----------10
Radio FM----------11
Music player----------12
video player----------13
Bluetooth----------14
Screen maintain----------15
Install GPS antenna----------16
Common malfunctions----------17

Hardware parameters

1. Octa-core 2.0GHZ (dual-core ARM Cortex A75, six-core ARM Cortex A55) Android10.0;
2. Built-in 4G wireless network, supports TD-LTE/FDD-LTE

3. Can be connected to high-fidelity, low-noise DSP with 27-band EQ and surround sound;
4. Built-in GPS/WIFI/Bluetooth/audio and video processing, and can also support external Bluetooth;
5. Support CarPlay/mobile phone interconnection;

6. GPS/Beidou/GLONASS dual-mode navigation;
7. Supports Bluetooth 5.0 and WIFI 802.11 b/g/n connections, and supports 5G WIFI;
8. Total RAM capacity. LPDDR4, expandable to 6GB. Internal capacity. EMMC 32GB. Expandable to 128GB
9. Working temperature -40 degrees Celsius to 85 degrees Celsius
10. Working voltage 9-16V, 2A
11. Sleep current: Quick wake-up current after ACC is turned off: ≤9MA
Deep standby current After a period of time after ACC is turned off, the current is ≤3MA

Precautions

For your safety, please try not to watch the video and operate the machine while driving; please turn the volume to a level where you can clearly hear the outside sound when driving. Before starting the operation, please read this manual and other manuals of the system to understand the relevant safety warnings and warning signs on this manual and on the machine. After reading, keep them at your fingertips for reference.

Please pay attention to traffic safety.

If you are having trouble operating the system, please park your car in a safe place and operate it.

Do not allow children to operate the machine to avoid personal injury or damage to the device.

Please follow the traffic rules when using the satellite navigation function.

Please do not use it where electronic equipment or fire is prohibited. For example, gas stations, wineries, electromagnetic interference areas, etc., otherwise it may cause danger.

Do not care, maintain, or install this machine yourself. Do not install or service the unit while the power is on. It is very dangerous to install and repair the machine by trained or inexperienced personnel who have not been trained in electronic equipment or vehicle accessories.

Do not store or install this machine in direct sunlight, or place it in other hazardous materials, especially the LCD screen. If the LCD screen is just near the air duct of the air conditioner when installing, please ensure that the cool air or hot air is not directly blown onto the machine, otherwise the machine may be damaged or even damage to the car or the human body.
Do not scratch the display with some sharp objects. Do not press hard on the display. Otherwise, the display or touch screen may be damaged.

In order to ensure the normal operation of the machine and prevent fire or electric shock, please do not expose the machine to humid air, and do not spill liquid on the machine.

Setting

Reset

1.When using the unit for the first time, press and hold the "RES" button for more than 3 seconds to return the machine to the factory settings.
2.When abnormal operation such as a crash caused by improper operation occurs, press and hold the reset "RES" button for more than 3 seconds.
Tip: Since the reset between the panels is small, use the nib or similar pointed object to click this button.

Start/stop Device

1.When ACC is turned on, the device is turned on by default. If the button is pressed for more than 3 seconds, the screen power can be turned off, but the power of the device is not completely turned off. When the flame is removed, the power of the device will be turned off.

2.When the screen is powered off, press ⏻ button, turn on the screen.

Volume

Touch the "+" and "-" keys on the device panel to adjust the volume of the device

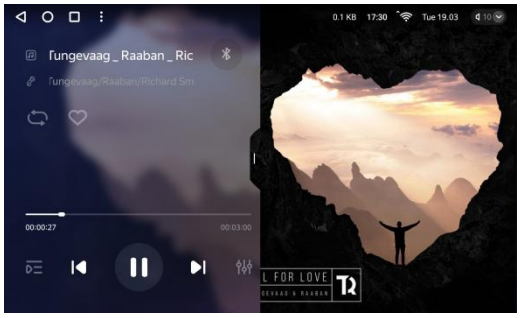
Rear camera

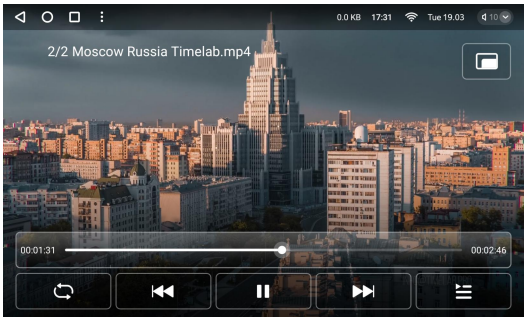
After the vehicle is reversed, the display will immediately switch to the reverse

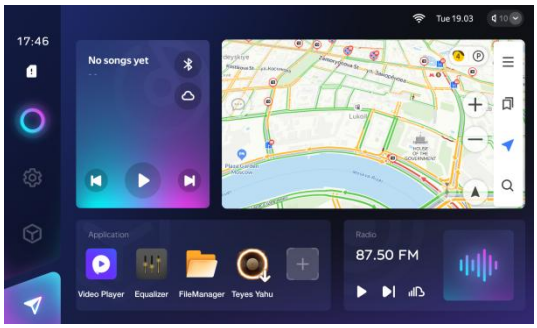
camera screen regardless of whether the screen is on or off

Player

Function icons such as “Music”, “Video” and “Radio” can be opened with a tap, When switching to another source, the previous source will be turned off.



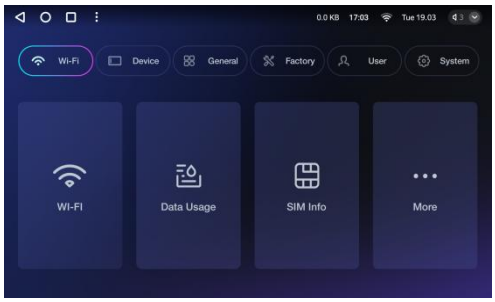


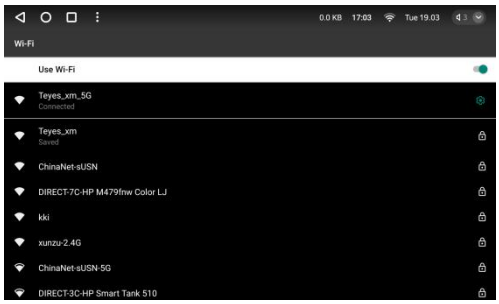


Setting

Click the settings icon on the touch screen, click the corresponding option to set the corresponding settings, you can slide up and down to find the settings you need.

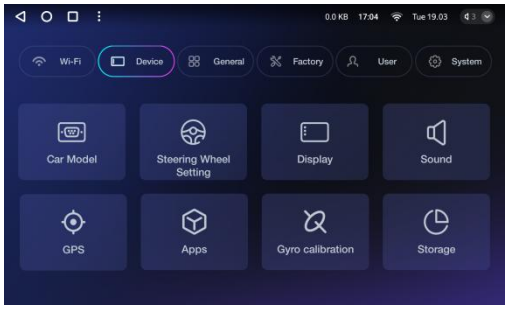
Network

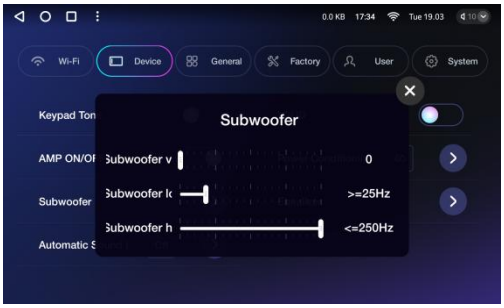




1. WIFI settings
2. Enter the WIFI password and you will be able to use the wireless network after the connection is successful.
3. Data Usage: WLAN data usage and wireless data usage details.
4. SIM info, SIM card selection, carrier information, etc.
5. More: 4G network details, hotspots and network sharing settings, VPN, flight mode.

Device setting

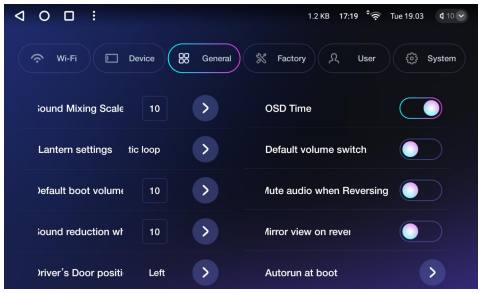




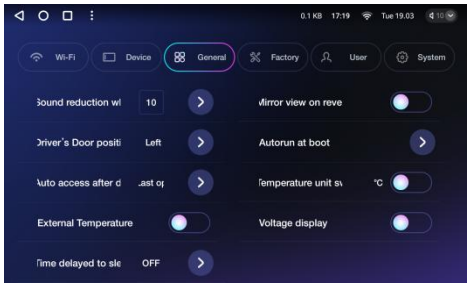
1. Keypad Tone: When turned on, tap the touch screen and "Di" tone will appear
2. LOUD:Equal loudness switch, sound enhancement switch
3. Amplifier ON/OFF: control the opening and closing of the amplifier
4. Subwoofer: Volume related settings for the subwoofer
5. Equalizer: Sound EQ settings

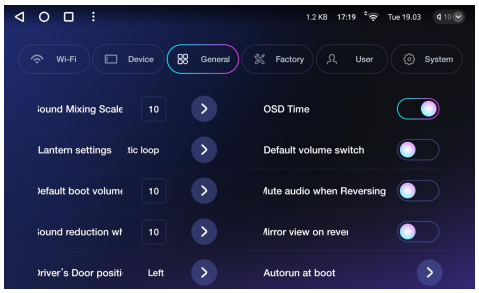
Setting

General setting



1. Press any key to strat: After clicking open, if the power is turned off, click anywhere on the screen, the power will be turned on.
2. Brake wire for video in motion: When turned on, you cannot watch videos while the vehicle is driving
3. Auto-start navigation: boot automatically to enter navigation
4. OSD Time: When turned on, the time will be displayed by default on the video interface.
5. Temperature unit switch: switching temperature unit
6. Mirror view on the reverse image:When the reversing screen is in the wrong direction, you can adjust the reversing screen by turning on this function
7. Mute audio when Reversing: When turned on, the device will mute when the reverse gear is engaged





8. Backlight control: When turned on, the brightness of the virtual button backlight will be adjusted according to the headlights on and off.

9. Default volume switch: When turned on, the volume after the device is turned on is the default volume.

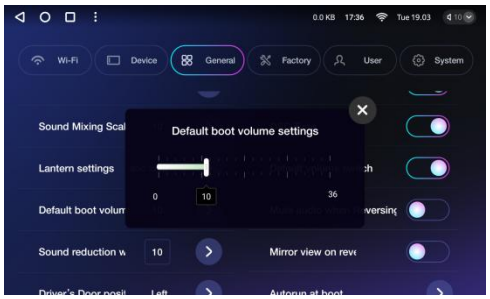
10. GPS mix: After opening, the navigation APP and other prompts will reverberate with the volume of the radio, music, etc.

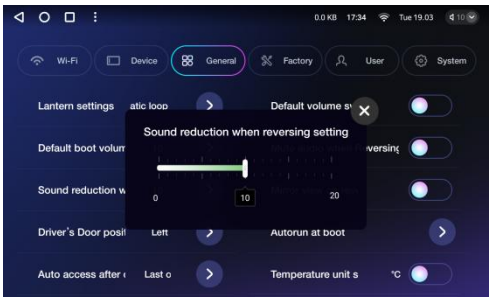
11. Lantern setting (not yet open)

12. Sound mixing scale: The prompt tone of the navigation is the default volume of the system, and the setting ratio is the volume of the radio, music, etc. The higher the setting ratio, the higher the music volume.

Setting

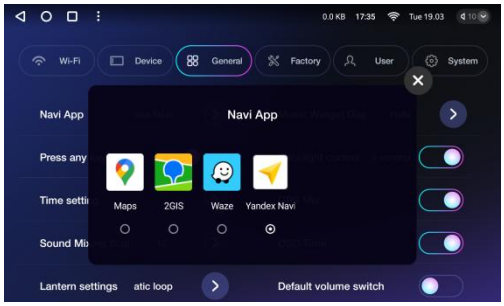
13. Sound reduction when reversing: The larger the setting value, the greater the multimedia volume when reversing





14. Boot default volume: the default volume when booting, the larger the setting, the louder the boot volume

15. Steering wheel setting: Learn the button function of the steering wheel, you can customize the learning. After learning, you can realize the multi-function steering wheel button function by setting the corresponding steering wheel button.



16. Navi App: select the home page navigation icon “ ” shortcut to open the app

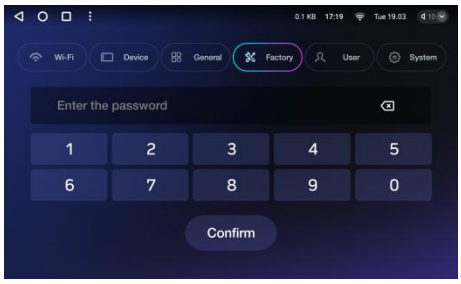
17. Map Data copy: Express copy of offline map

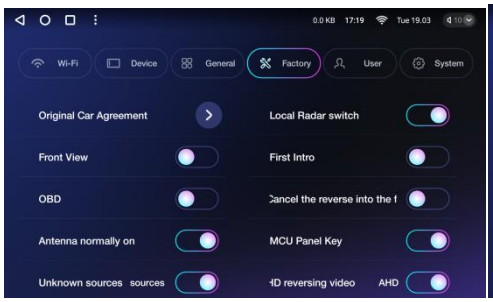
18. Driver’s door position: distinguish left rudder and right rudder

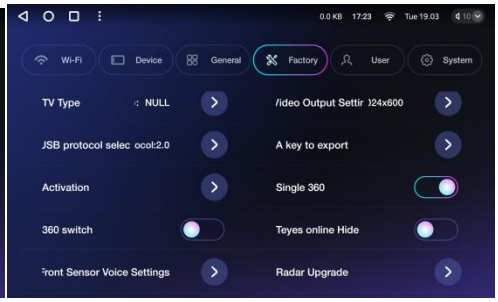
Setting

Factory setting

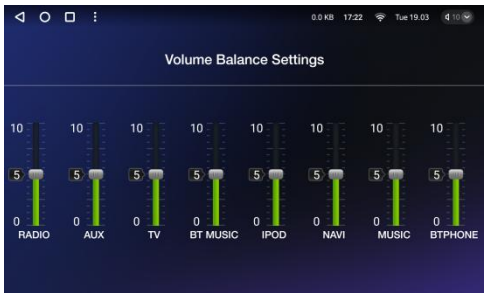
password ″168″ to enter the factory settings.



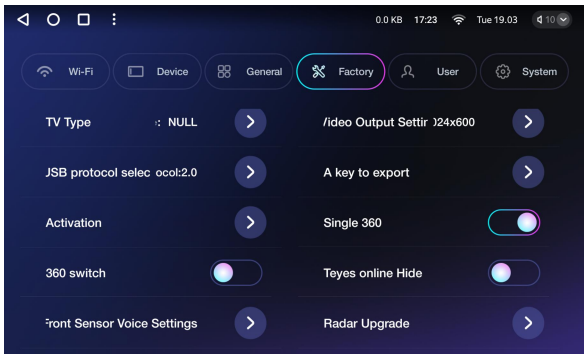




1. Sleep mode setting: After opening, when the vehicle is started next time, the device will not boot in the restart mode, but will boot from the sleep mode.
2. 360 switch: turn 360 on or off
3. OBD: OBD switch on and off
4. Front view: open or close front view
5. Cancel the reverse into the front view: when opened, the front view will not open by default
6. Antenna normally on
7. MCU panel Key: physical button settings
8. Unknown source: After opening, APP from unknown source will allow installation
9. HD reversing video format: Adjust the video format of the rear view, default AHD
10. Door lock interference (not open)

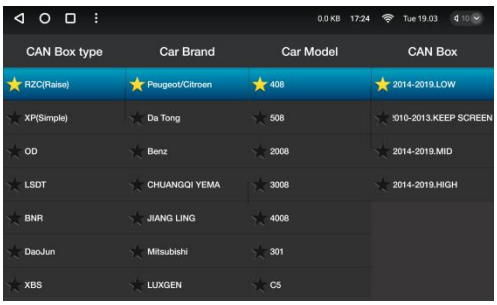


11. Volume balance settings: Set the output default value of the multimedia volume

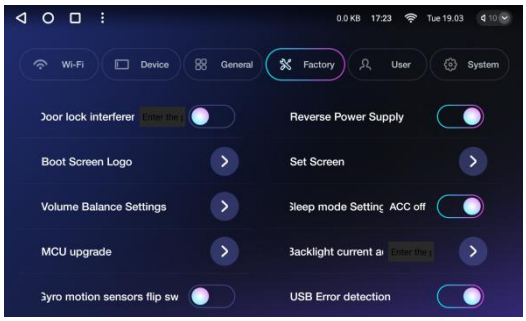


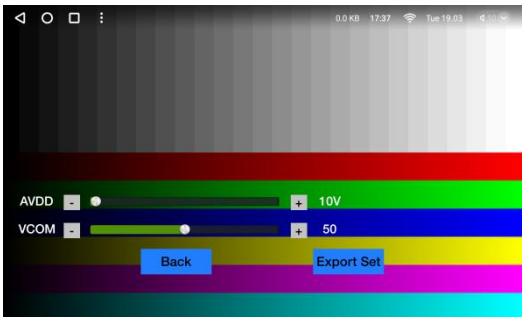
12. Car Model:canbus setting

Setting

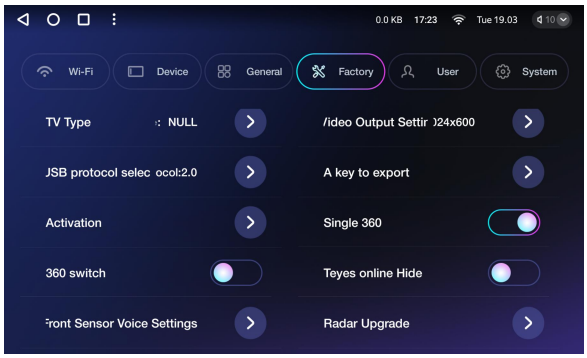


14. One-click set-up: set one-click installation related settings
15. MCU upgrade
16. Touch screen Calibration: correct screen touch sensitivity and accuracy
17. Panel key learning: learning the virtual button function on the touch screen
18. Backlight current adjustment (not open)





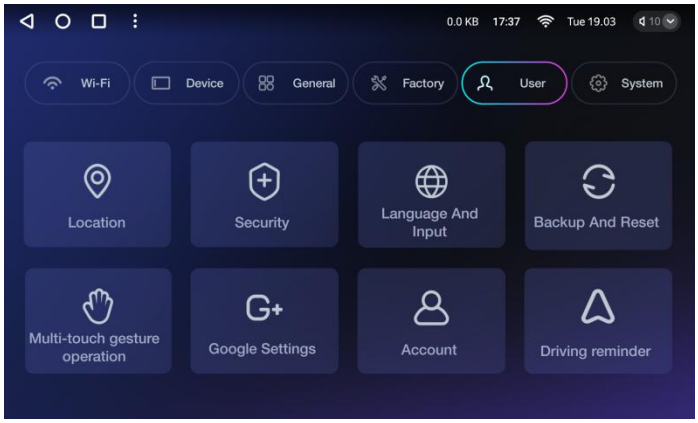
19. Set screen: screen display effect setting
20. Home Launcher selection: currently only open a set of UI options
21. USB Error detection: prompt USB abnormal switch
22. TV type: analog TV, digital TV mode settings
23. Video output settings: set the video related mode, resolution, etc. of the video output
24. USB protocol selection: default 2.0



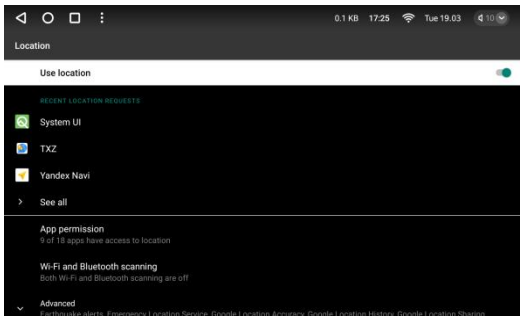
25. A key to export: export the presets of this setting
26. Activation: not open
27. Single 360: door setting switch, air conditioning setting switch, etc. related car protocol switch
28. Original Car agreement:Original car function settings

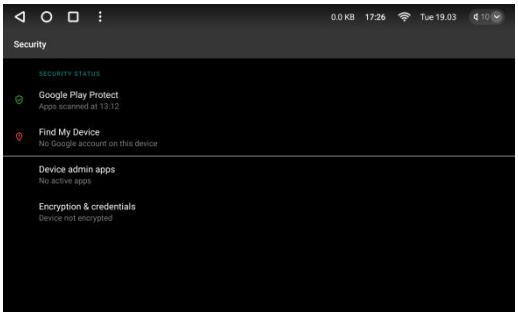
Setting

User setting



1. Location:location and other related information, it is enabled by default.

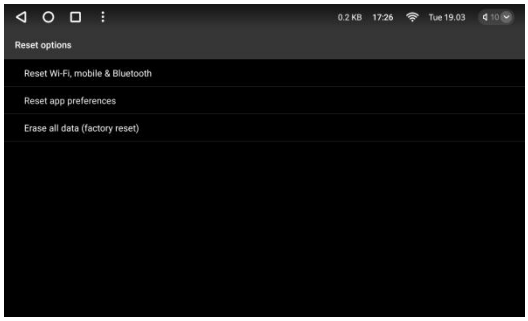


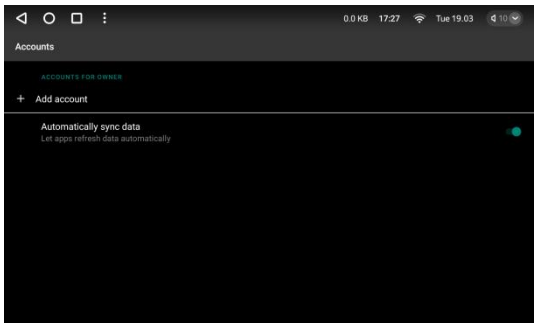


2. Security Settings

3. Set language and input method, keyboard, etc.

4. google settings



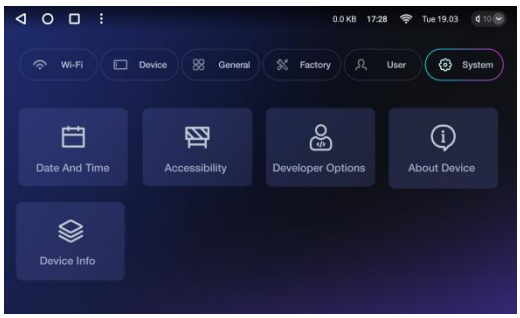


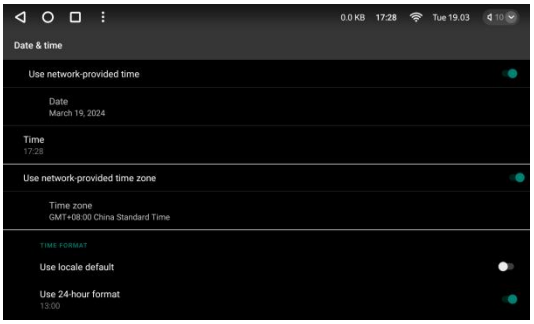
5. Backup and Reset: weight data (restore factory settings, all data from the machine will be erased, please choose carefully)

6. Account settings

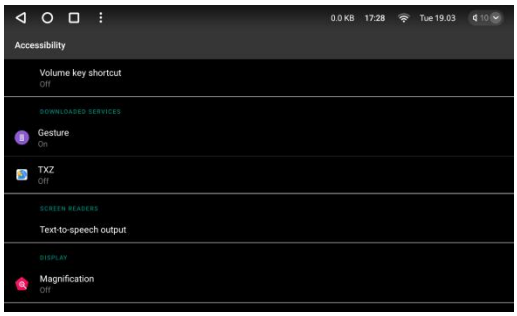
Setting

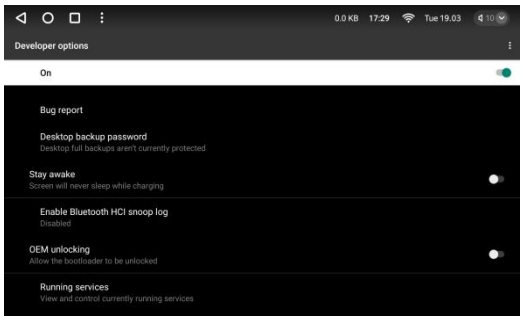
System setting





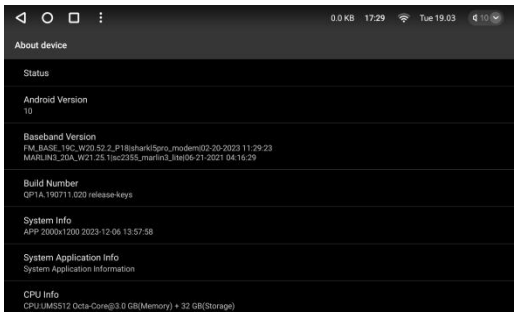
1. Date and time: set date and time, time zone, etc.





3. Accessibility: zoom function, volume button shortcuts, etc.

4. Developer Options: Enter password "168", set USB debug and other related developers to use the setup options.



5. About device: car machine status, configuration, version number and other related information

6. Device Info: IMEI Number

Radio

Click on the main interface radio icon “ ”, Enter the radio mode

Search station

Enter the radio interface for the first time, please press and hold “ ” 3 seconds, The radio will automatically search for stations. After the search is completed, the left channel bar will indicate the results of the searched radio band.

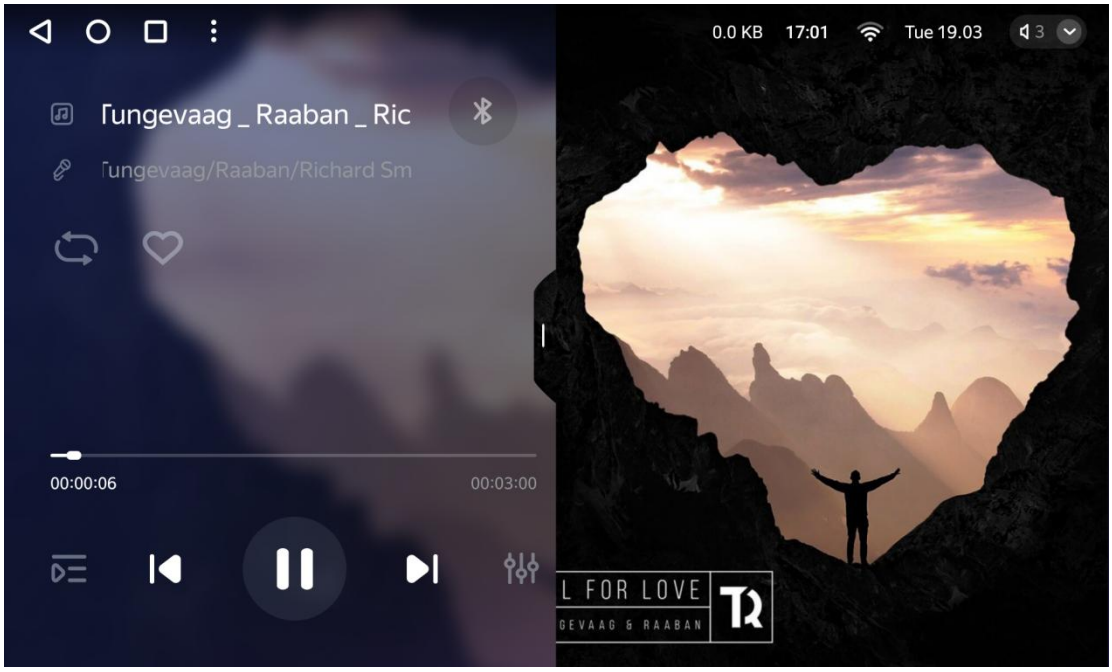
Click “ ” Manually adjust the frequency band forward, Click “ ” Manually adjust the frequency band backwards.

FM switching

Click“ ”, can switch FM 1-1, FM 2-1, FM 3-1, AM 1-1, AM 2-1 , switch between different radio frequencies. Click “ ” , The radio band will receive local stations . Click “ ” Switch to mono, Click “ ” save the current band to the left station list

Music

Click “ ” icon, enter to music player

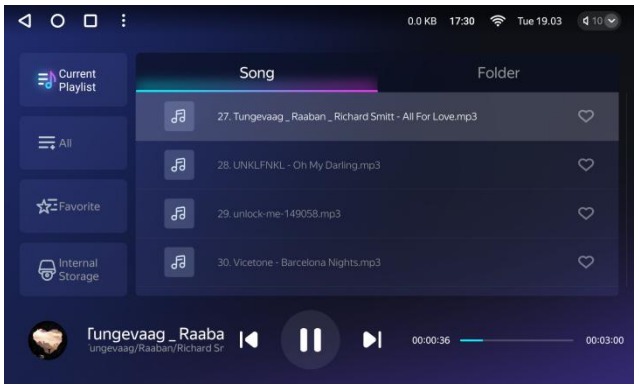


Click “ ” Switch to the previous music, Click “ ” Switch the next music,

Click “ ” “ ” Play music and pause music, Click “ ” Enter the sound

EQ settings, Click “ ” Collect current music, Click “ ” Switch music loop

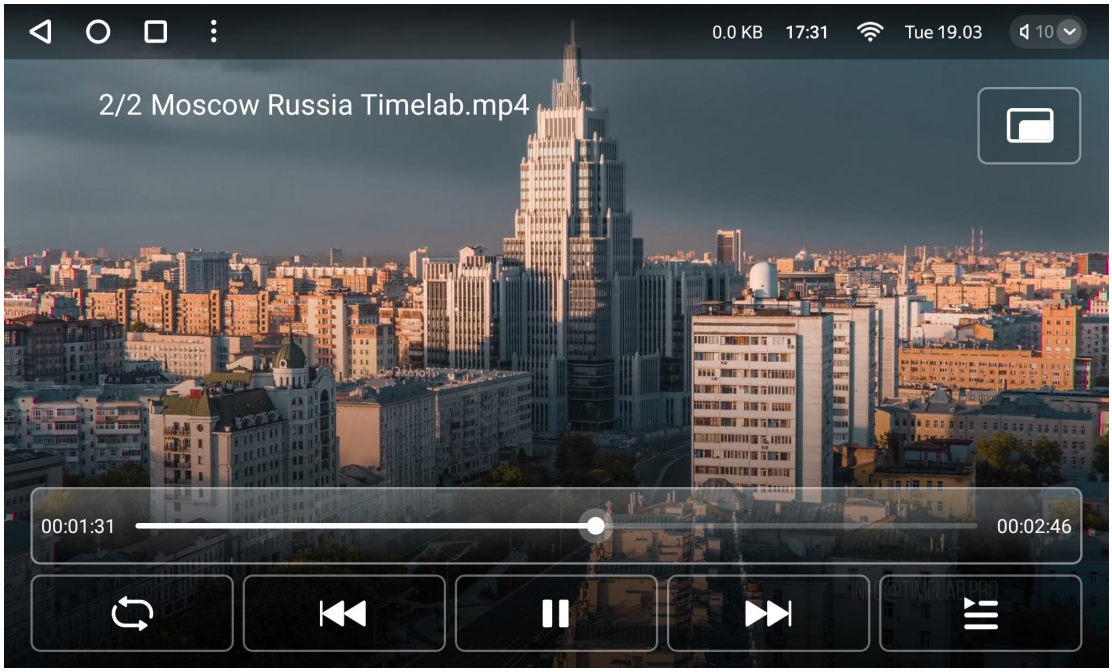
mode, Click “ ” , Enter music playlist



In the music list interface, music is classified according to the current playlist, all, collection, and internal storage, and the music list folders, artists, and albums are classified.

Video

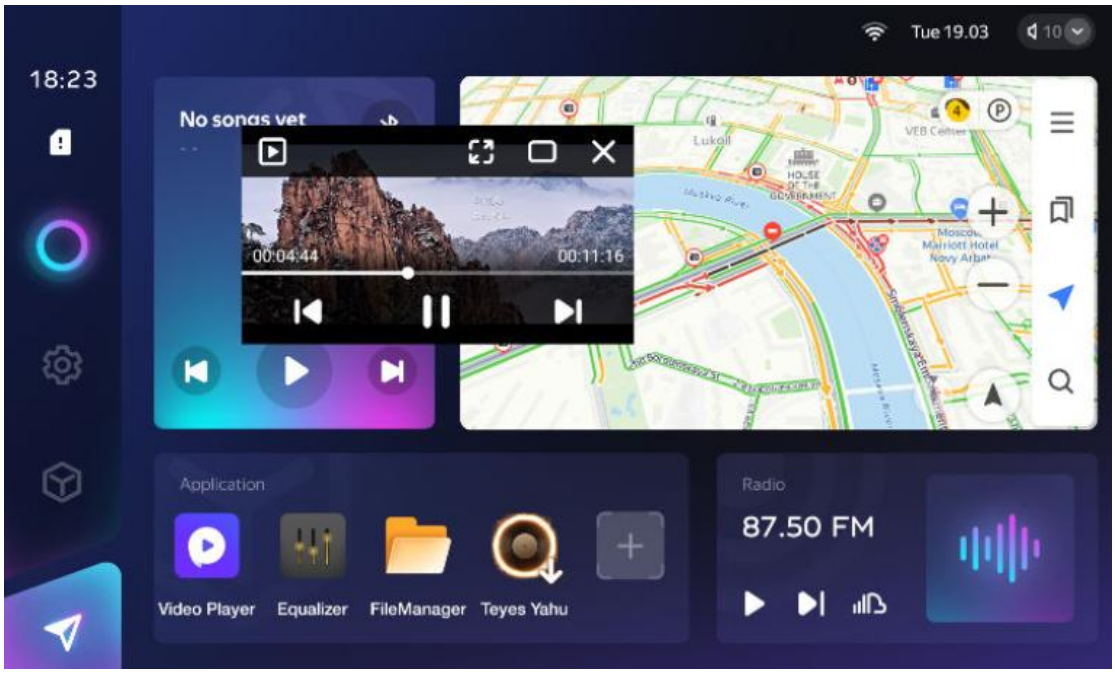
Click “ ” icon, enter to video player



Click “ ” Switch video loop mode, Click “ ” Play the previous video,

Click “ ” Play the next video, Click “ ” Pause video, Click “ ” Enter

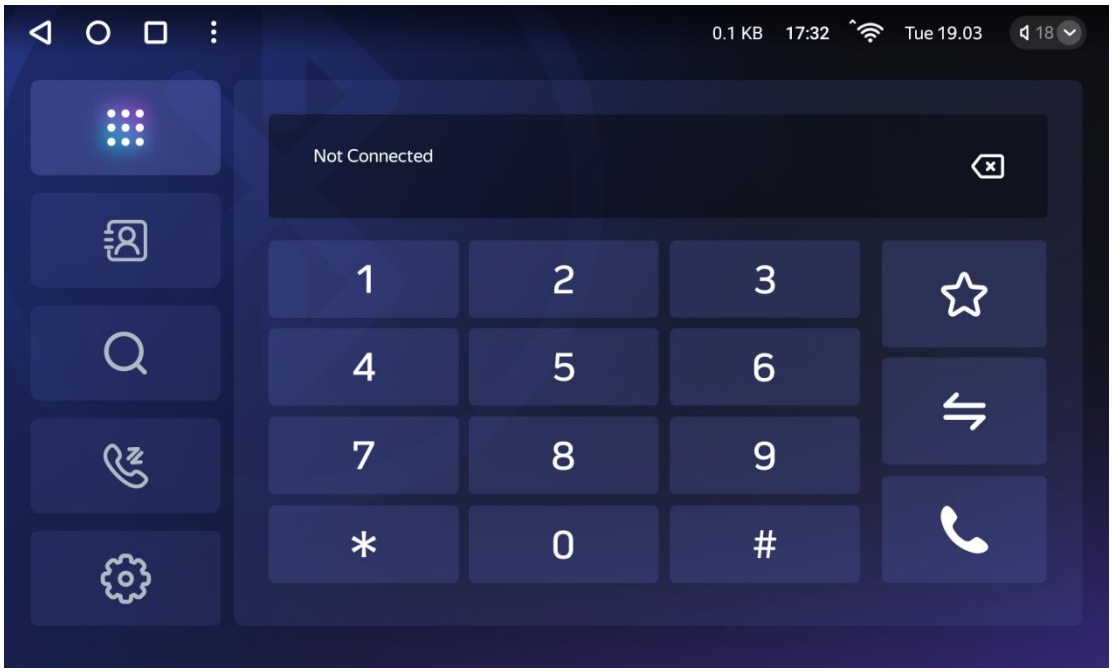
the video playlist. Click “ ” , Enter picture-in-picture video playback



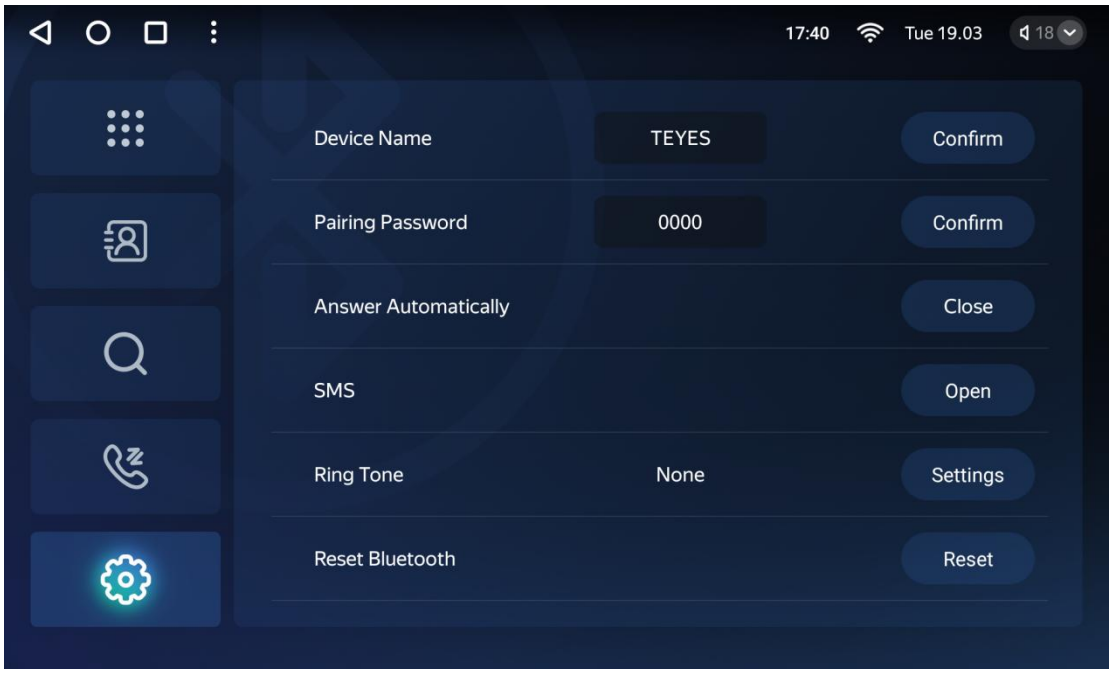
Click “ ” Switchable picture-in-picture video resolution size, Click “ ” Can close the picture-in-picture video

Bluetooth

Click “ ” icon, Enter Bluetooth settings



After the Bluetooth connection is successful, you can answer or hang up the phone call directly on the Bluetooth interface. Click “ ” Download phone book list, Synchronized phone book, Click “ ” Search for surrounding Bluetooth Clicj“ ”View call history, Click“ ”Set the Bluetooth name and connection key



To use the Bluetooth hands-free function, you must first establish a connection

between the car and the phone.

1. Turn on Bluetooth on your phone and activate Bluetooth device search
2. Search for Bluetooth, device default name “CARKIT”
3. When connected, the phone will prompt for a connection password “0000”
4. When the connection is successful, the connected status is displayed.

Screen maintain

1. Notes

*Do not leave the screen in direct sunlight or high temperature for a long time, otherwise it may cause screen failure

*When not using the device, please avoid direct sunlight on the display

*Please use the monitor within the following temperature range

Operating temperature range: -20 degrees Celsius ~ +70 degrees Celsius

Storage temperature range: -20 degrees Celsius ~ +80 degrees Celsius

*Dont press hard on the LCD screen, otherwise it may cause malfunction

*Vehicles with safety devices such as airbags should be careful not to interfere with the operation of the safety devices.

2. About LCD screen

*There are sometimes small black dots or flashing dots (bright spots) on the LCD screen of the monitor. This is a unique phenomenon of the LCD monitor and is not a malfunction.

*When used in cold areas, the LCD screen may be dark, but after a while it will return to normal brightness.

*If there is direct sunlight in the display, it is not easy to see the picture because of the reflection of light.

3. About maintain

*When there is dust on the cleaning screen or dirt on the monitor, turn off the power and wipe gently with a soft cloth.

*Do not use volatile oils such as volatile oils or thinners to wipe the screen.

GPS antenan

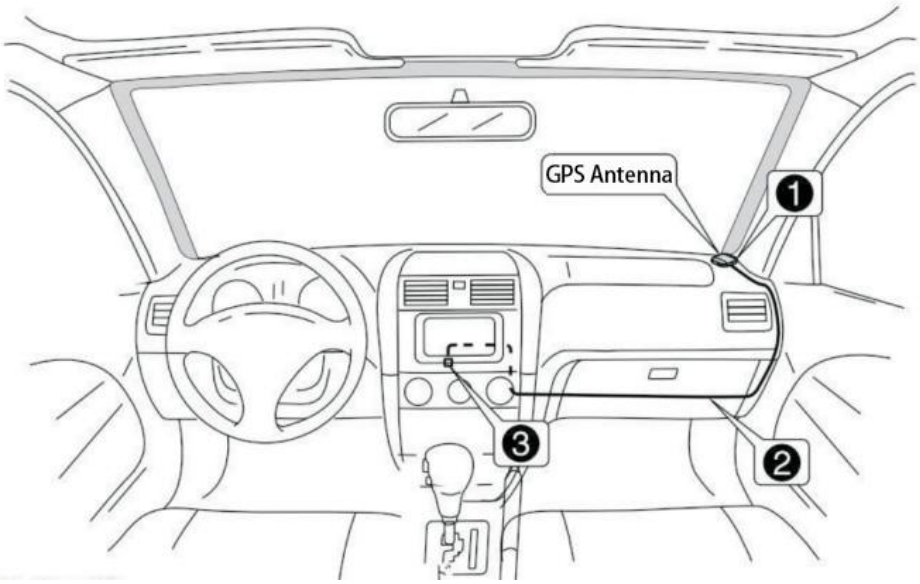
The GPS antenna can be mounted inside the car, such as on the outside of the vehicle, such as the roof. The GPS antenna must have an open "field of view" towards the sky. If the vehicle's glass is fitted with an explosion-proof membrane, the insulation film may weaken the strength of the GPS antenna's acceptance of the satellite signal.

GPS antenna installation steps

*When using a 3M fixed GPS antenna, be sure to use a suitable oil-soluble detergent to clean the paste position. After cleaning, remove the back paper, place the GPS antenna in a proper position, and press firmly.

*Remove the side panel and pass the thread through the storage box until the main console of the center console. Pay attention to tie the cable to the original car.

*Connect the GPS antenna plug to the device



Precautions

*When connecting the GPS antenna, make sure the system power is off.

*Do not shorten or lengthen the GPS antenna; changing the length of the antenna may cause a short circuit or antenna failure.

*The GPS antenna should be installed as far as possible to a horizontal plane; otherwise it may affect the navigation positioning accuracy.

*Do not use a GPS antenna to wrap or interfere with the steering wheel or shift lever,

as this may be dangerous.

Malfunctions

If you encounter the following problems during use, the troubleshooting will help you solve the problem quickly. If the problem is still not solved, please contact the professional or consult the sales office. Do not open the machine yourself to avoid serious consequences Processing method

Situation	Reason	Processing method
Unable to start	ACC is not turned on, car power is not turned on	Turn on the ACC and turn on the vehicle power
	Power cable is not plugged into the device	Plug in the power cable
	This device fuse is burned off	Replace the fuse with the same rated current
The touch screen does not respond	The system is processing (road search, etc.), wait a moment, if it still can't respond normally, it is recommended to contact the after-sales service to assist with the processing.	
Reversing without rear view image	Camera not installed	Install it
	Camera system does not match	Replace the camera with the matching system
The system does not start, there is a rear view image when reversing, the button is invalid.	Product design focuses on driving safety, preset reverse rear view priority	The system must be started normally after the reverse operation has been terminated.
GPS cannot be located	GPS antenna is not inserted	Insert GPS antenna
	Maybe in the GPS signal shielding area	Try to drive the vehicle for a while to see if the GPS signal is restored. If it is not restored, please contact after-sales service.
Cannot locate and navigate after booting	Some remote areas or roads have not been built on this map.	Please contact the after-sales service department to confirm the update map.

No information on the map	It may be that the navigation scale is set too large or too small. Try changing the scale size to see if you can restore the map display. If it is still not resolved, it may be caused by losing the location information, you can try to reset the destination.

FCC Statement

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

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。

To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum 20cm distance between the radiator and your body: Use only the supplied antenna.