User Manual

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1.Basic operations

System startup and shutdown

Turn on the ACC power supply, the device will automatically boot, show the boot LOGO and boot animation, enter the system main interface. After turning off the ACC power supply in the car, the device will shut down automatically.

Reset button

Insert a small object into the RST hole and the system will reset.

Touch the button on the left side of the screen

	Power	In the boot state: Long Press: system off and mute In boot mode, Short Press: Mute.
	Home screen	Click to return to the home screen
	Return	Press to return to the previous screen and exit the current mode.
	Volume up	Press volume increment
	Volume reduced	Press volume reduction

The use of touch screens

You can use your fingers to manipulate icons, buttons, etc. directly on the touchscreen.

Click/hold function

You can select an application icon or option on the display by using the tap function. If you click the radio icon on the home screen, you can open the radio app. Click and hold an icon or item until the system performs the appropriate action. If you hold down an application icon in the main screen, you can move it or delete it.

Slide function

Swipe the touchscreen left, right, or up or down with your finger. For example, if you're looking at a music playlist, scroll up and down to see the playback file.

Zoom function

When you view a web page, you can use two fingers to hold down the screen,

expand two fingers, can enlarge the page, merge two fingers, can shrink the page.

Program switching

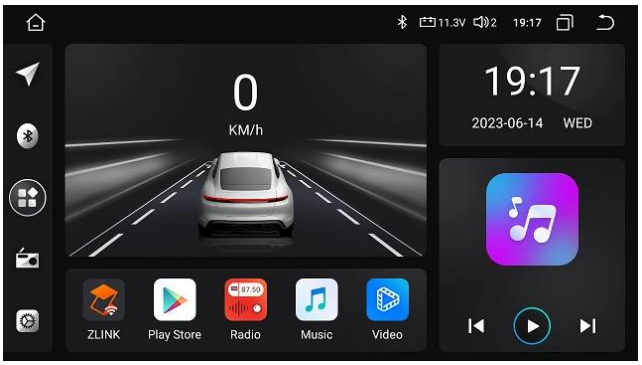
- Radio, music, video, and Bluetooth music don't work at the same time.
- Radio, music, video, Bluetooth music and navigation can run at the same time, navigation broadcast will lower the radio, music, video, Bluetooth music and other audio applications sound.

2.Feature apps

Home screen

In the home screen, you can click on the appropriate icon to access the corresponding function. Click on the non-home screen to enter the home screen.

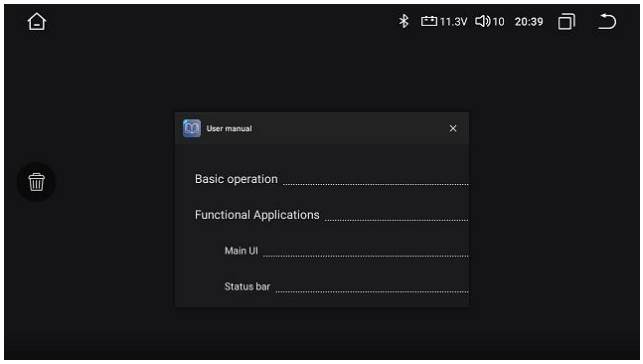
Click to enter the application icon interface. The application icon interface can be swiped left and right, and you can click and hold an application icon to move or delete it. Click on the app icon in the interface to access the corresponding app.



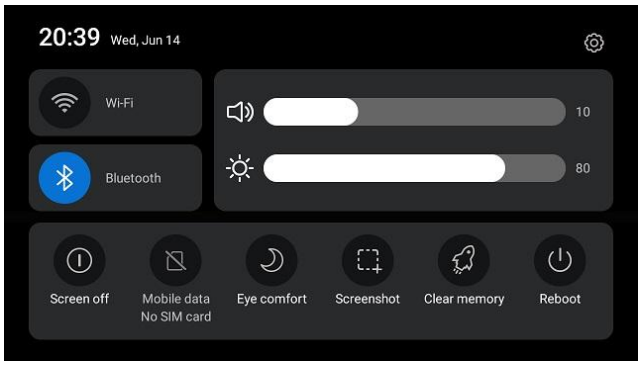
Status Bar

There are 3 common buttons on the status bar:-home screen, return, latest task. As well as display time and some function status prompt icon, such as Bluetooth icon, mute icon, etc. .

Click to access all the recently opened apps. Click to clear all open apps.



Dropdown bar



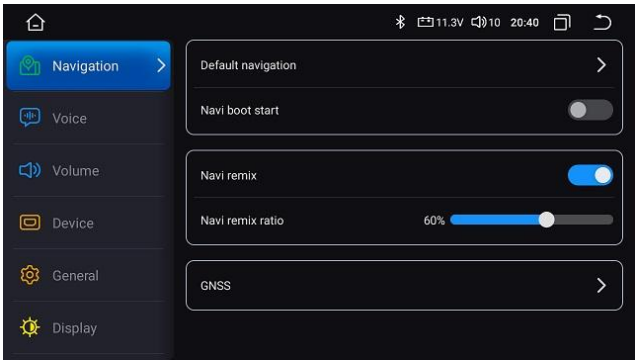
	WLAN		Bluetooth
	Brightness		Volume
	Screen off		Data
	Dark mode		Screenshots
	Acceleration		Reboot

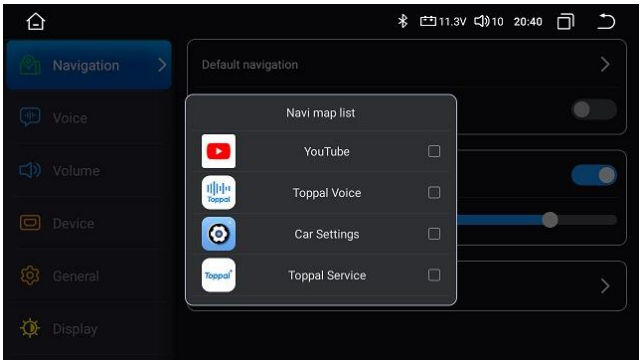
Car Settings

The vehicle can be set for navigation, voice, volume and other settings, can be manually operated to upgrade the system and MCU upgrade, you can view the system version and other basic information.

Navigation settings

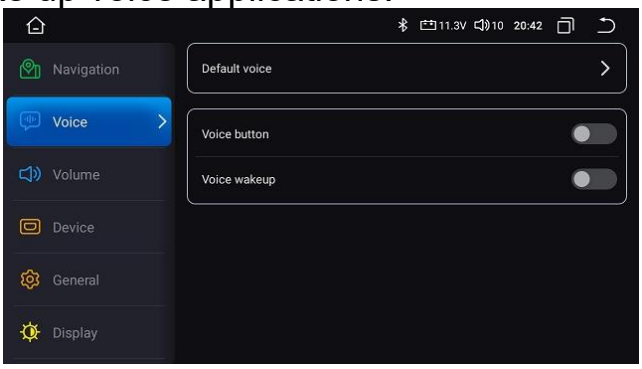
You can choose to install the software as the default navigation software, and set the boot boot navigation. When the navigation mix is turned on, adjust the navigation mix. For example, when the music and navigation are on at the same time, the navigation broadcast will reduce the sound of the music according to the mixing ratio.

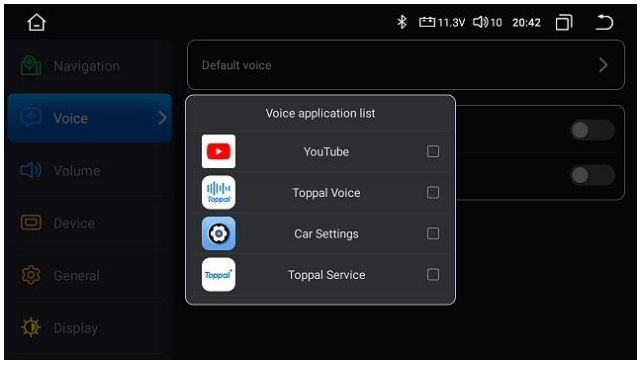




Voice settings

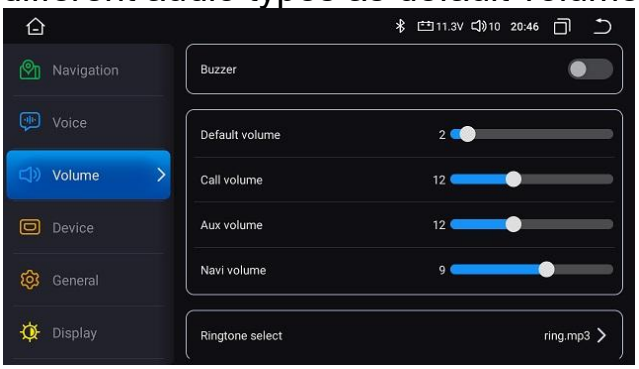
You can choose to install software as the default voice software. The voice button opens with a floating voice icon, which you can click to launch the voice app. Turn on the voice wake-up function, can face MIC, say the set voice wake-up word, wake up voice applications.

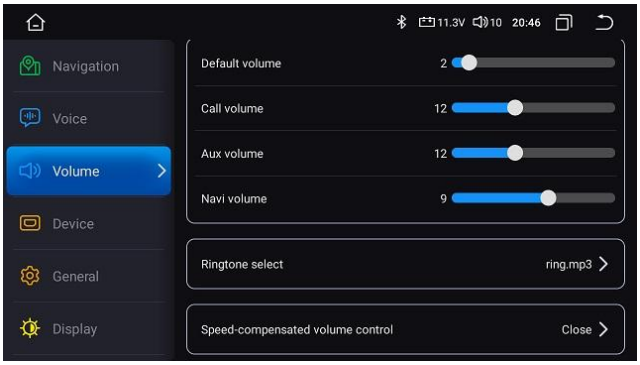




Volume settings

Key tone can be set as with sound or mute. And on volume settings, you can set the different audio types as default volumeonce start.

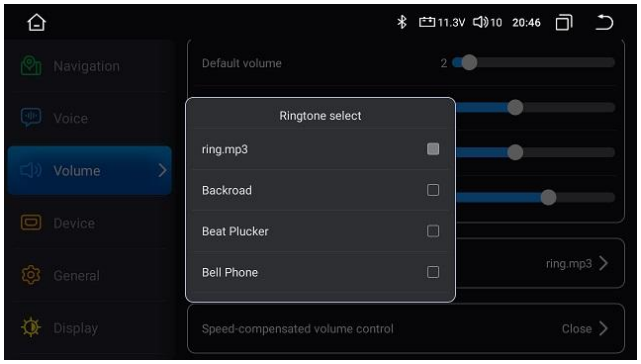


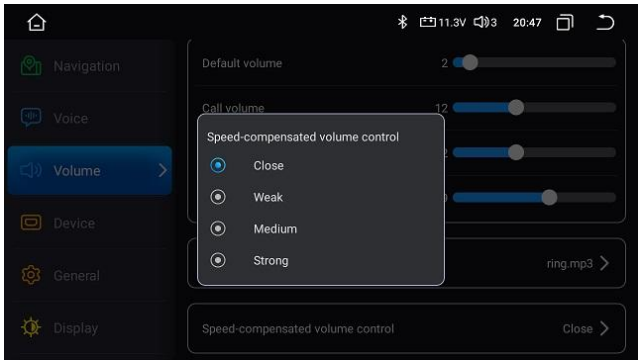


Ringtone option to set Bluetooth ringtone.

Speed compensation volume controls are divided into four types: off, weak, medium, and strong.

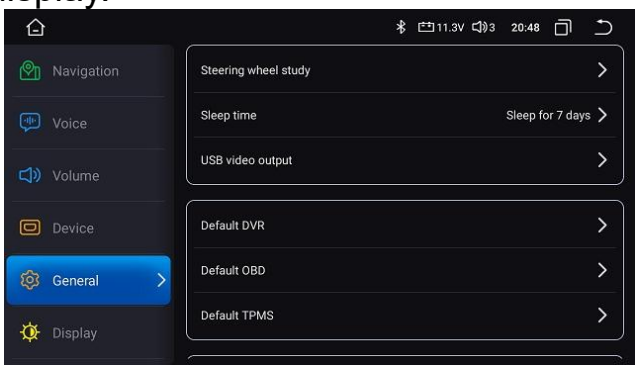
When the control type is one of the“Weak, medium and strong” types, and the speed reaches the starting speed of the compensated volume control (such as 40 km/h) , the speed compensated volume control comes into play. Only media type volume is compensated for.

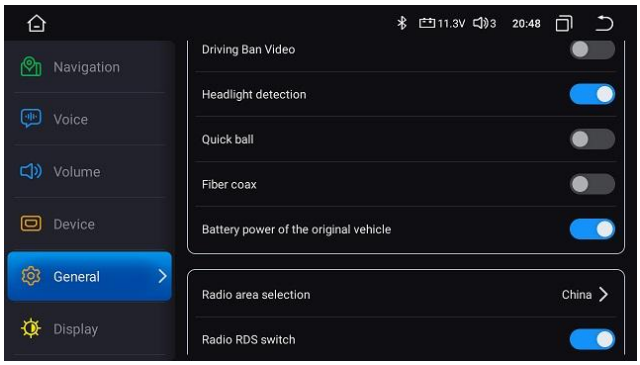




General settings

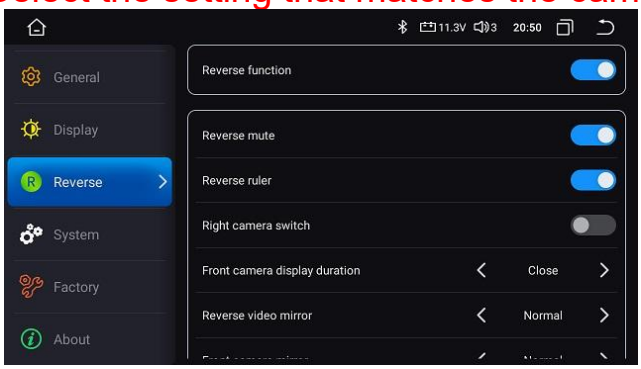
- Hibernation time: control whether the machine from hibernation to wake up, or reset restart.
- Driving Ban Video: controls whether the video screen is displayed while driving.
- Turn on headlights detection: when turning on headlights, the screen brightness will dim.
- Hover Ball Open: provides a common keypad interface for hover on other interfaces, such as volume +/-, Back and Home buttons.
- Original Vehicle Battery Power: control status bar on the original vehicle voltage display.

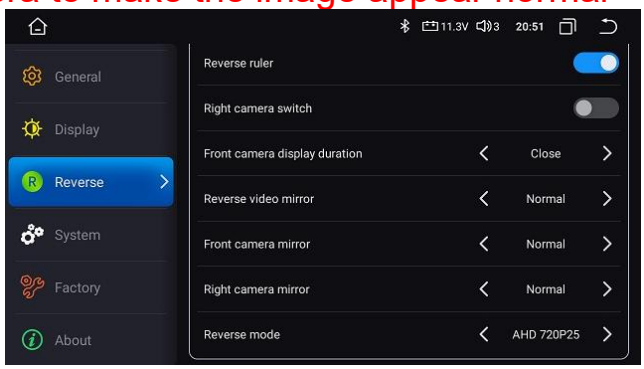




Reverse settings

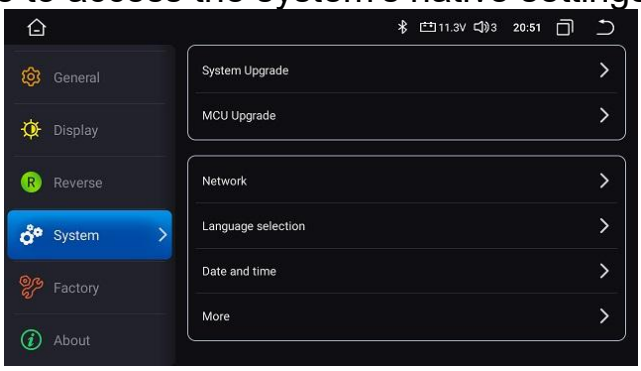
- Reverse function switch: Used to control whether to display reverse screen when reversing.
- Reverse Mute on: reverse, the system will be silent.
- Reverse mirror settings: control the reverse screen display orientation.
- Select the setting that matches the camera to make the image appear normal





System settings

Settings entry for network, language selection, date and time. You can also click more to access the system's native settings.



The steering wheel learns key definitions

	Power	MODE	Mode		Volume +		volume -
	Mute		Previous		Next		Play / Pause
	Navigation		Voice		Backlight		AUX
	Answer		Hang up		Previous/Answer		Next / Hang up
	Back		Home		Radio		Music
	Video		Settings		DSP		Auto-save
	Front video						

Learn the steering wheel

In Car Settings->General->select steering wheel learning, the user can operate the steering wheel buttons according to the prompts.

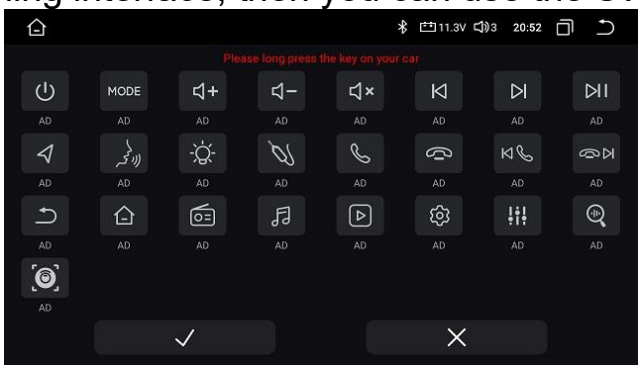
Note: the car without CANBUS protocol which needs to do steering learning on car settings.if the car with CANBUS system which needs the CANBUS box to analyze the original car steering wheel buttons.

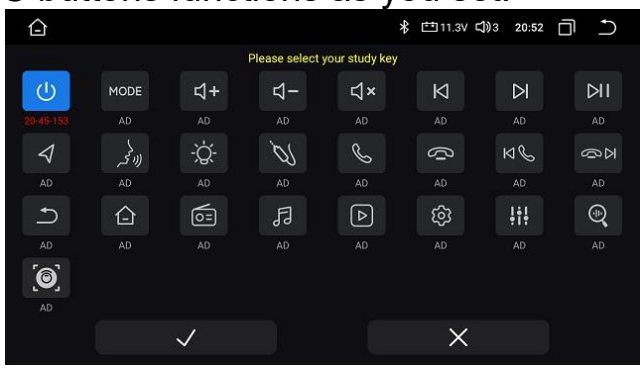
①Click"clear" button, it will erase all its learning settings.2 Press the car steering wheel buttons which you want to set, once the notice words became as to choose learning buttons, then can click the button icon.

② If setup is successful, the icon of the button learned on the interface will be highlighted.

③Do the same steps as above for other steering control buttons learning.

⑤After the learning is completed, click"save" button, and then exit SWC learning interface, then you can use the SWC buttons functions as you set.





Bluetooth

When the machine starts up, Bluetooth is turned on by default. You can pull down the status bar to turn Bluetooth on or off.

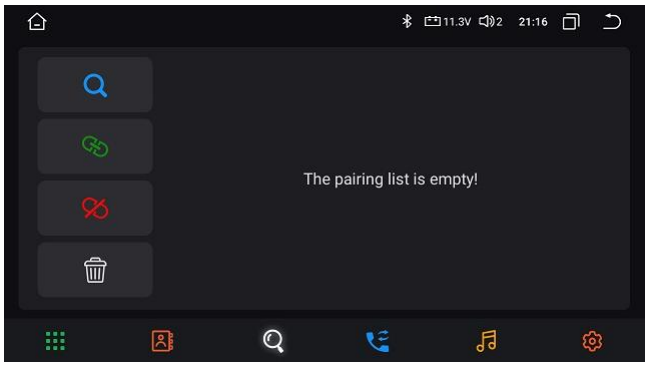
Device Search

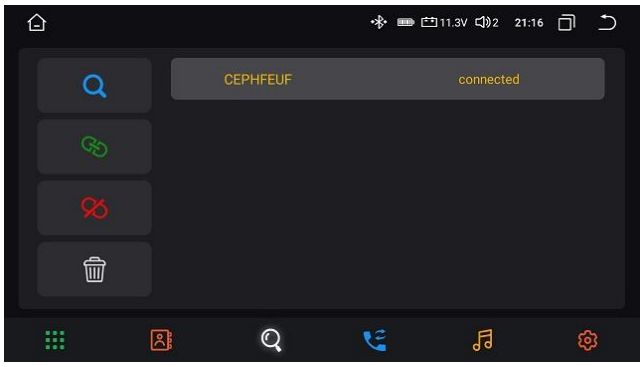
Search devices connect devices disconnect clear devices

①Click the“Search device” button to search for Bluetooth devices around the vehicle.

② after searching for a device, click on the device you want to connect to, such as a phone, and then click on the“Connect device” button, the phone will pop up a Bluetooth matching request. If there is a matching password, the default password is: 0000.

③After successful pairing, the Bluetooth device item displays “Connected” .





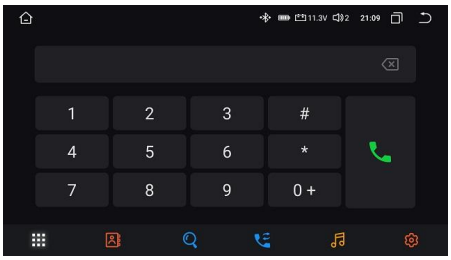
Bluetooth phone

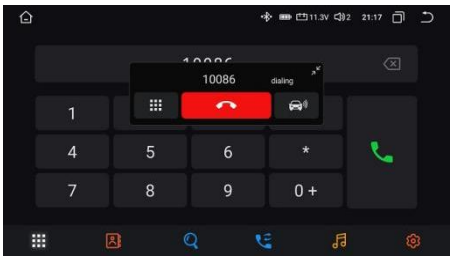
Answer call

Hang up

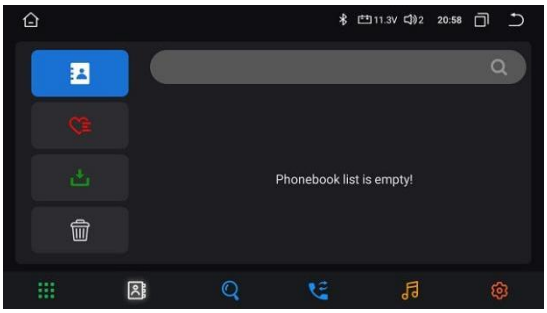
Switch to mobile

Switch to car machine



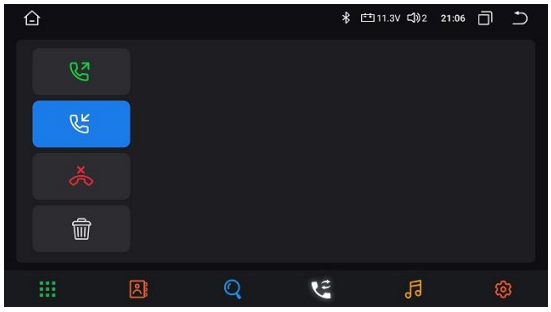


Bluetooth phone book



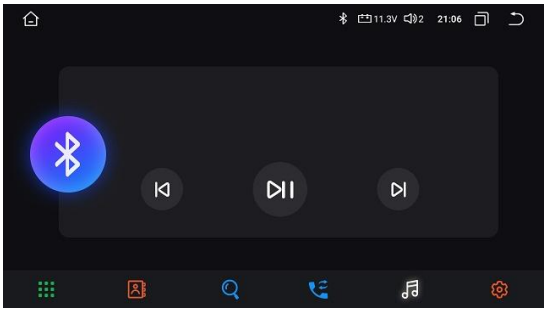
- Contact list
- Favorite contacts
- Download
- Delete All Contacts

Bluetooth Phone record



- Called
- Answered
- Missed
- Delete All Call History

Bluetooth music



After the Bluetooth connection is successful, the Bluetooth music can be played.

- Previous
- Play/Pause
- Next

Use Bluetooth music to play songs on mobile phones, some phones need to turn

on the music player on the phone.

Radio

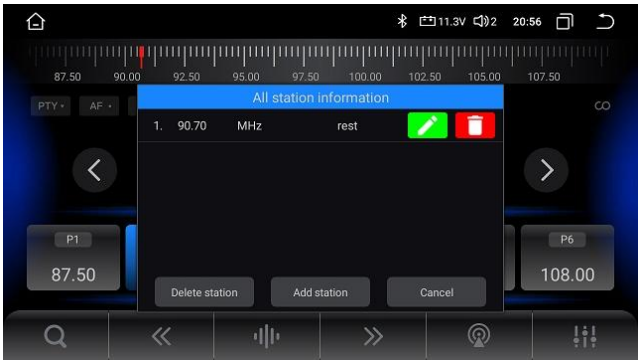
In the radio interface, can switch FM/AM band, search or save favorite radio, and with RDS function. Here's how it works:

	Low-frequency step tuning
	High-frequency step tuning
	Auto search radio station and save station
	Search to the Previous valid station
	Switch bands
	Search to the next available station
	Set range
	Access into DSP apk

Clicking the search button to search for a valid radio will be displayed on the -LRB-P1-p 6) button. If the -P1-P61-p6) button has a radio, short-pressing a button sets the corresponding radio on the button.

Slide the frequency scale to your favorite station and press a button (P1-P6) long enough to save the station.

Long press the radio frequency, you can enter the radio station name editing interface. The edited name is displayed on the preset radio.



RDS function

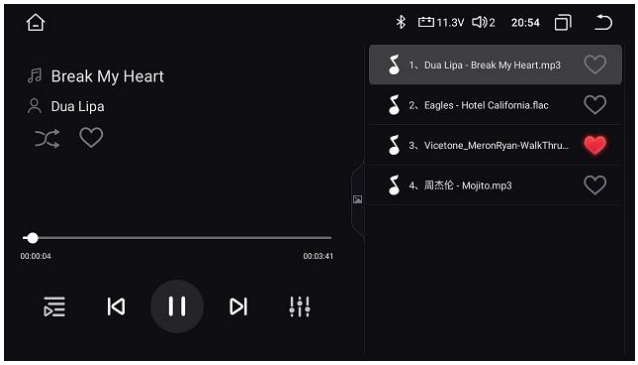
With TA and AF switch function, AF function will automatically search the current radio's other transmission frequency, TA automatically find the same type of radio function. Clicking the PTY button allows the user to find his favorite programming

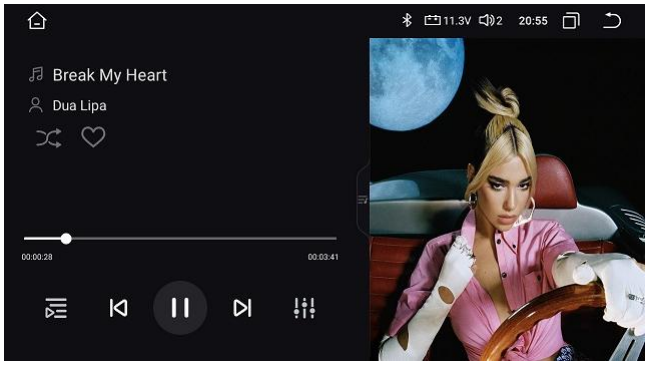
formats, such as certain types of music.

Music

Music players support a variety of audio formats: MP3/WMA/FLAG/WAV and so on

- Play Mode: repeat playlist / random playlist / single playlist
- Favorites list
- Access into music playlist
- Previous
- Play / Pause
- Next
- DSP



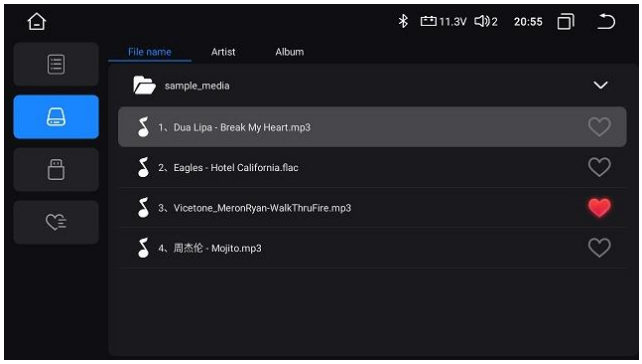


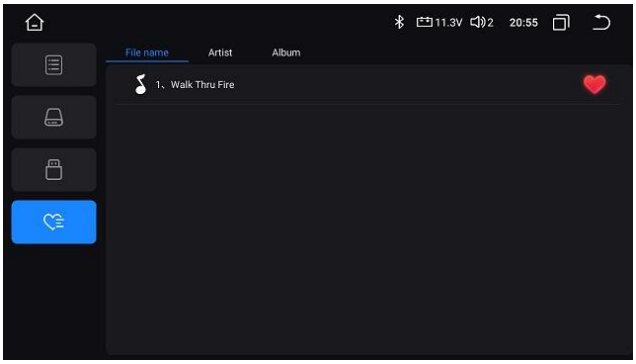
The current playlist is displayed on the right side of the playback screen

On the left edge of the playback screen, click the highlight button to display the album image currently playing the song and then click to hide the album image.

Music list interface is divided into collection music list interface, all music list interface, built-in storage music list interface, U disk music list interface.

Also supports 3 USB disk music list interface, when there is no insert USB disk, USB disk will hide .

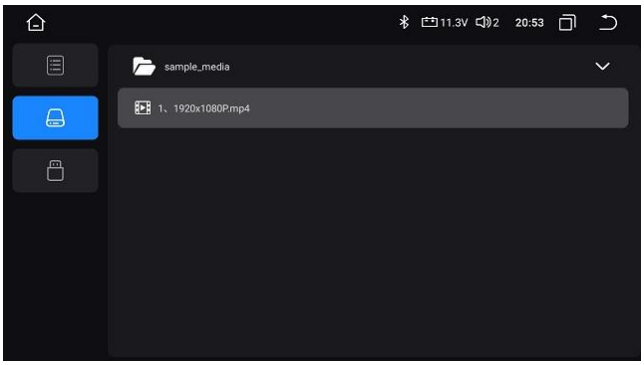




Video

Video player supports multiple video formats: MP4/FLV/AVI/MKV, etc.

- Enter the video playlist
- DSP
- Previous
- Play / Pause
- Next



Video list interface is divided into all video list interface, built-in storage video list interface, U disk video list interface. Also support 3 USB disk video list interface, when there is no insert USB disk, USB disk will hide .

DSP

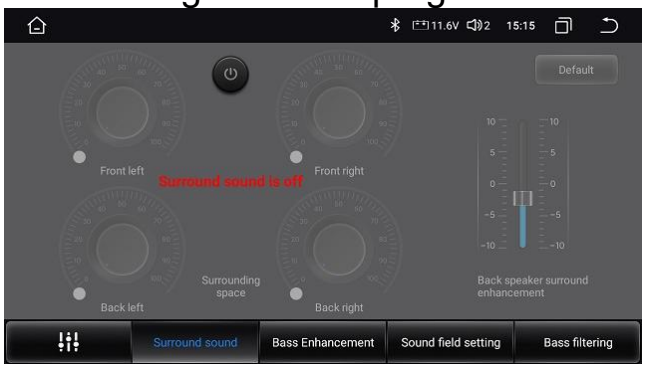
DSP supports a variety of sound modes: standard, rock, soft, classical, pop, lobby, jazz, cinema, etc. .It also supports user tuning.

DSP support from 20 Hz to 20KHz a total of 48 data adjustment, divided into 3 pages display.

Surround sound

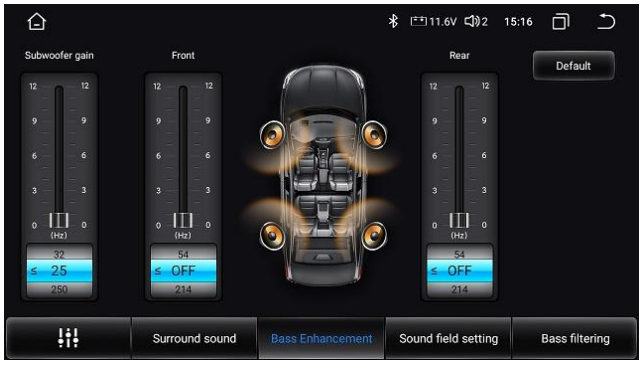
Four surround position modes, which can adjust the surround effect of the horn in different positions.

The surround sound can be turned off and on by the surround sound switch. Slide the right vertical progress bar to adjust the rear horn surround strength.



Strengthen the bass

The default is the OFF state. Adjustable bass effect for different frequencies, sliding select frequency, such as 54HZ, sliding frequency of the upper progress bar to adjust the range of 0-12.



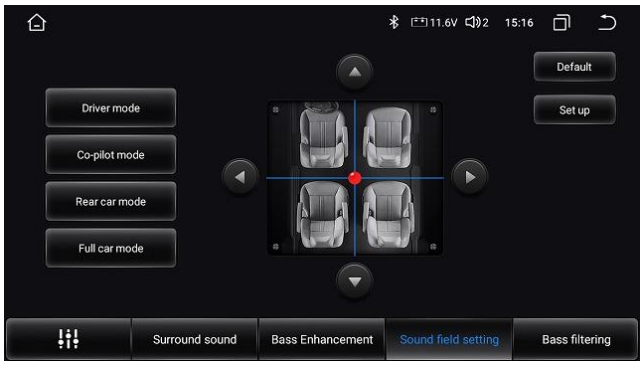
Sound field setting

The default center, sound balanced output.

Selecting different speaker modes will focus on a particular area of sound output. A button that adjusts the sides of the seat picture or a small icon that slides over the

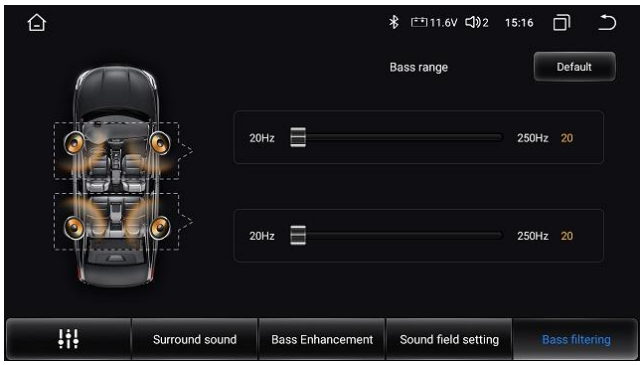
seat picture is also focused on an area of sound output.

Click the settings button, which can be used for equal loudness switch.



Bass filter

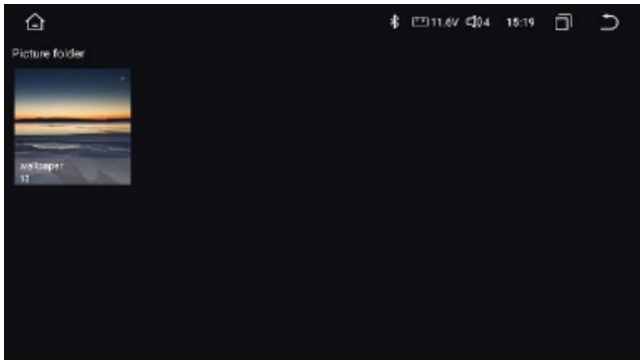
Default off, range 20-250Hz, the greater the frequency of bass filter effect is stronger.

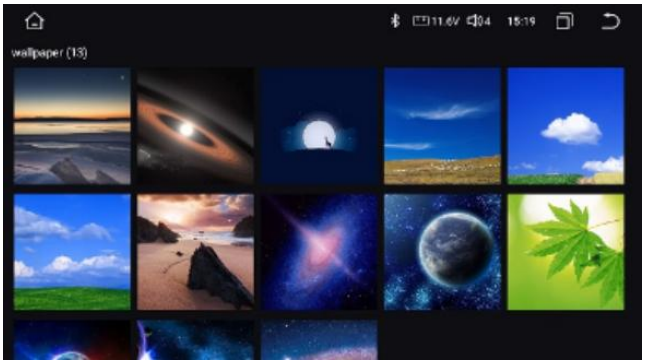


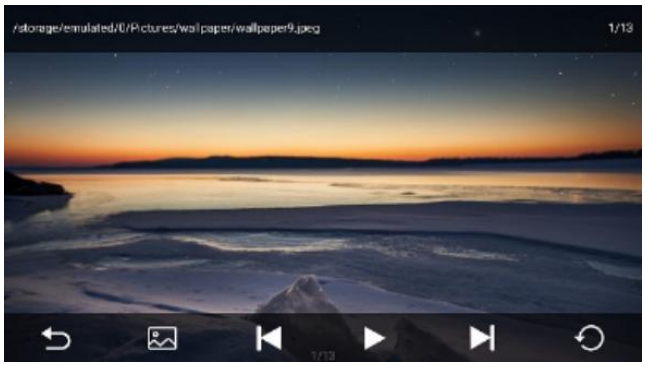
Image

Picture application can view the built-in storage space and U disk in the picture, you can set the picture as the system wallpaper, you can automatically play pictures.

- Set the picture as the system wallpaper
- Previous
- Play
- Play next
- Rotate





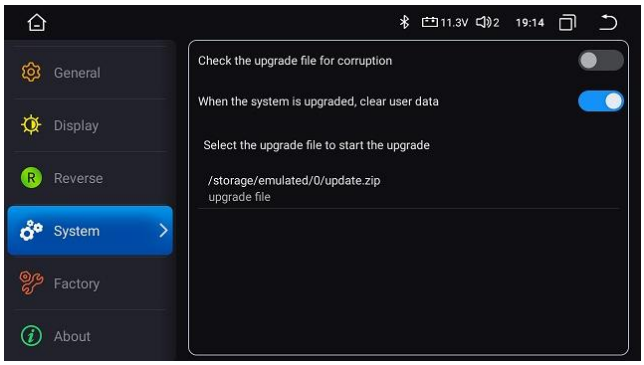


System upgrade

① name the Android upgrade file “update.zip”. Zip, place it in the USB drive's root directory, then insert the USB drive into the device's USB port.

②go to your car settings, click “System” and select “System upgrade”.

③click on the upgrade file, will enter the system upgrade process. During the upgrade process, the system will reboot for a long time. Please be patient!



Note: Please do not power down or perform other operations during the upgrade.

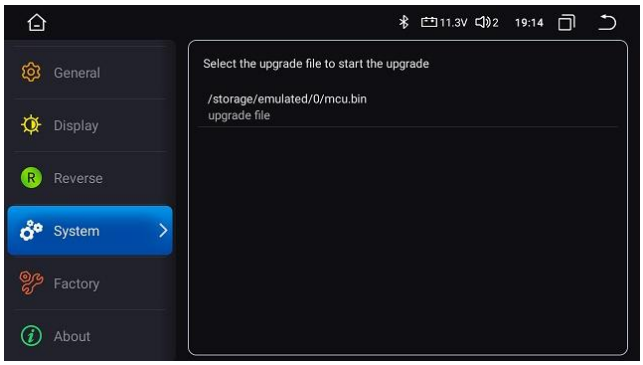
MCU upgrade

①Name the MCU upgrade file “mcu.bin”, put it in the USB drive root directory,

then insert the USB drive into the device's USB port.

② enter the vehicle settings, click “System”, select “MCU upgrade”.

③ click on the update file and the MCU update confirmation screen pops up. Click “OK” to enter the MCU upgrade process. The system will restart after the upgrade, please be patient!



Note: Please do not power down or perform other operations during the upgrade.

3.Fault Treatment

Fault Treatment

Note: If you encounter the following problems in use, the following countermeasures will help you quickly solve the problem. If the problem remains unresolved, consult a professional or a sales representative. Do not disassemble this device without permission, as this may cause serious consequences!

Phenomenon	Causes	Measures
Unable to start	①car ACC not started ②power cord not plugged in	①Turn on the ACC ②Plug in the power wire cable
Can't connect with network	①The 4G card is not installed correctly ②The 4G card has no net	①Install the 4G card correctly ②Recharge the 4G card
The touchscreen doesn't respond	The system is handling some procedure	Wait for a while, if still not have response after fora long time, then to contact the after-sales service technician for assistance
Reverse without rear view image	①The rear camera is not installed ②The rear camera type is not compatible with the camera settings	①Install the rear camera ②Change to install the compatible camera or choose correct camera type on settings
GPS doesn't work	①GPS antenna not be plugged in ②Maybe in a GPS Signal shielding area	Try to drive the car for a distance, and observe whether the GPS signal is restored. Please contact the after-sales service for helps if still not fixed

FCC Warnning:

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 againstharmful interference in a residential installation. This equipment generates, uses and can radiateradio frequency energy and, if not installed and used in accordance with the instructions, maycause harmful interference to radio communications. However, there is no guarantee thatinterference will not occur in a particular installation. If this equipment does cause harmfulinterference to radio or television reception, which can be determined by turning the equipmentoff and on, the user is encouraged to try to correct the interference by one or more of thefollowing 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.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

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.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.