Android Large Touchscreen Radio

ANTFAS

Operating Instructions

PRECAUTIONS

IMPORTANT INFORMATION

FCC COMPLIANCE STATEMENT
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 more reasonable protection against harmful interference in a residential installation, and are more stringent than "outdoor" requirements.

Operation is subjected 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 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, you are encouraged to try to correct the interference by one of the following measures:
- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult an experienced radio/TV technician.

WARNING

Points to Observe for Safe Usage

- *Read this manual carefully before using this disc and the system components. They contain instructions on how to use this product in a safe and effective manner. Alpine cannot be responsible for problems resulting from failure to observe the instructions in this manual.*
- *This manual uses various pictorial displays to show you how to use this product safely and to alert you to potential dangers resulting from improper connections and operation. Following are the meanings of these pictorial displays. It is important to fully understand the meanings of these pictorial displays in order to use this manual and the system properly.*
- *This product may be used with software applications. Please follow all usage instructions and warnings when using this product at all times. Do not use this product or any software application in a manner which will hinder safe operation of your vehicle.*

⚠ WARNING

- Operation of the system while driving is dangerous. Users should stop vehicle before operating the software.
- Road conditions and regulations take precedence over information contained on the map display: observe actual traffic restrictions and circumstances while driving.
- This software is designed for use exclusively in the unit. It cannot and may not be used in conjunction with other hardware.

⚠ WARNING

This symbol means important instructions. Failure to heed them can result in serious injury or death.

INSTALL THE PRODUCT CORRECTLY SO THAT THE DRIVER CANNOT WATCH TV/VIDEO UNLESS THE VEHICLE IS STOPPED AND THE EMERGENCY BRAKE IS APPLIED.
It is dangerous for the driver to watch TV/Video while driving a vehicle. Installing this product incorrectly enables the driver to watch TV/Video while driving. This may cause a distraction, preventing the driver from looking ahead, thus causing an accident. The driver or other people could be severely injured.

DO NOT WATCH VIDEO WHILE DRIVING.
Watching the video may distract the driver from looking ahead of the vehicle and cause an accident.

DO NOT OPERATE ANY FUNCTION THAT TAKES YOUR ATTENTION AWAY FROM SAFELY DRIVING YOUR VEHICLE.
Any function that requires your prolonged attention should only be performed after coming to a complete stop. Always stop the vehicle in a safe location before performing these functions. Failure to do so may result in an accident.

KEEP THE VOLUME AT A LEVEL WHERE YOU CAN STILL HEAR OUTSIDE NOISES WHILE DRIVING.
Excessive volume levels that obscure sounds such as emergency vehicle sirens or road warning signals (train crossings, etc.) can be dangerous and may result in an accident. LISTENING AT LOUD VOLUME LEVELS IN A CAR MAY ALSO CAUSE HEARING DAMAGE.

MINIMIZE DISPLAY VIEWING WHILE DRIVING.
Viewing the display may distract the driver from looking ahead of the vehicle and cause an accident.

DO NOT DISASSEMBLE OR ALTER.
Doing so may result in an accident, fire or electric shock.

USE ONLY IN CARS WITH A 12 VOLT NEGATIVE GROUND.
(Check with your dealer if you are not sure.) Failure to do so may result in fire, etc.

KEEP SMALL OBJECTS SUCH AS SCREWS OUT OF THE REACH OF CHILDREN.

Swallowing them may result in serious injury. If swallowed, consult a physician immediately.

USE THE CORRECT AMPERE RATING WHEN REPLACING FUSES.

Failure to do so may result in fire or electric shock.

DO NOT BLOCK VENTS OR RADIATOR PANELS.

Doing so may cause heat to build up inside and may result in fire.

USE THIS PRODUCT FOR MOBILE 12V APPLICATIONS.

Use for other than its designed application may result in fire, electric shock or other injury.

MAKE THE CORRECT CONNECTIONS.

Failure to make the proper connections may result in fire or product damage.

BEFORE WIRING, DISCONNECT THE CABLE FROM THE NEGATIVE BATTERY TERMINAL.

Failure to do so may result in electric shock or injury due to electrical shorts.

DO NOT ALLOW CABLES TO BECOME ENTANGLED IN SURROUNDING OBJECTS.

Arrange wiring and cables in compliance with the manual to prevent obstructions when driving. Cables or wiring that obstruct or hang up on places such as the steering wheel, gear lever, brake pedals, etc. can be extremely hazardous.

DO NOT SPLICE INTO ELECTRICAL CABLES.

Never cut away cable insulation to supply power to other equipment. Doing so will exceed the current carrying capacity of the wire and result in fire or electric shock.

DO NOT DAMAGE PIPE OR WIRING WHEN DRILLING HOLES.

When drilling holes in the chassis for installation, take precautions so as not to contact, damage or obstruct pipes, fuel lines, tanks or electrical wiring. Failure to take such precautions may result in fire.

DO NOT USE BOLTS OR NUTS IN THE BRAKE OR STEERING SYSTEMS TO MAKE GROUND CONNECTIONS.

Bolts or nuts used for the brake or steering systems (or any other safety-related system), or tanks should NEVER be used for installations or ground connections. Using such parts could disable control of the vehicle and cause fire etc.

DO NOT INSTALL IN LOCATIONS WHICH MIGHT HINDER VEHICLE OPERATION, SUCH AS THE STEERING WHEEL OR GEARSHIFT.

Doing so may obstruct forward vision or hamper movement etc. and results in serious accident.

⚠ CAUTION

This symbol means important instructions. Failure to heed them can result in injury or material property damage.

HALT USE IMMEDIATELY IF A PROBLEM APPEARS.

Failure to do so may cause personal injury or damage to the product. Return it to your authorized Alpine dealer or the nearest Alpine Service Center for repairing.

HAVE THE WIRING AND INSTALLATION DONE BY EXPERTS.

The wiring and installation of this unit requires special technical skill and experience. To ensure safety, always contact the dealer where you purchased this product to have the work done.

USE SPECIFIED ACCESSORY PARTS AND INSTALL THEM SECURELY.

Be sure to use only the specified accessory parts. Use of other than designated parts may damage this unit internally or may not securely install the unit in place. This may cause parts to become loose resulting in hazards or product failure.

ARRANGE THE WIRING SO IT IS NOT CRIMPED OR PINCHED BY A SHARP METAL EDGE.

Route the cables and wiring away from moving parts (like the seat rails) or sharp or pointed edges. This will prevent crimping and damage to the wiring. If wiring passes through a hole in metal, use a rubber grommet to prevent the wire's insulation from being cut by the metal edge of the hole.

DO NOT INSTALL IN LOCATIONS WITH HIGH MOISTURE OR DUST.

Avoid installing the unit in locations with high incidence of moisture or dust. Moisture or dust that penetrates into this unit may result in product failure.

Disclaimer

Foreword

we are very glad that you have chosen this vehicle navigation video and audio product. This description will systematically introduce the basic functions, skills and matters needing attention of the car. Let new users get up quickly, please read it in detail before use, thank you!

Professional installation is strongly recommended

Cover all surfaces with tape or plastic film to protect against scratching and damage to interior dash panels. We are not responsible for any damage that occurs during the installation process.

Notice:

This product has different models, please determine the compatibility of your vehicle.

⚠ Be sure ACC power is off before removing the head unit. Use caution and if unsure, seek professional assistance.

Table Of Contents

Installation Cables

1.USB Cable   2.Climate Cable
3.8P USB Harness   4.IOB-Power Harness
5.NAV Antenna   6.GM Canbox
7.AM/FM Antenna Adaptor   8.OnStar Audio Cable
9.10Pin USB Line   10.DVR Cable
11.AUX Input   12.Cam Input
13.RCA Audio Output   14.Wifi Antenna Cable
15.External Speaker
16.Upper Mounting Brackets
17.Microphone

Installation Cables

1.IO3/IO4/IO5/IO6 Main Harness
2.Steering Wheel Control
3.Factory Camera
4.CD Jumper
5.MOST Jumper

Note:
The picture is an example picture, different models with different wires, please refer to the actual purchase model

Basic knowledge

1.1 Basic operation gesture recognition

The gestures that the machine can recognize are mainly divided into short-press, long-press, drag, and slide types. The results of the same function under different gestures are different, and the user operates the machine by touching the display screen.
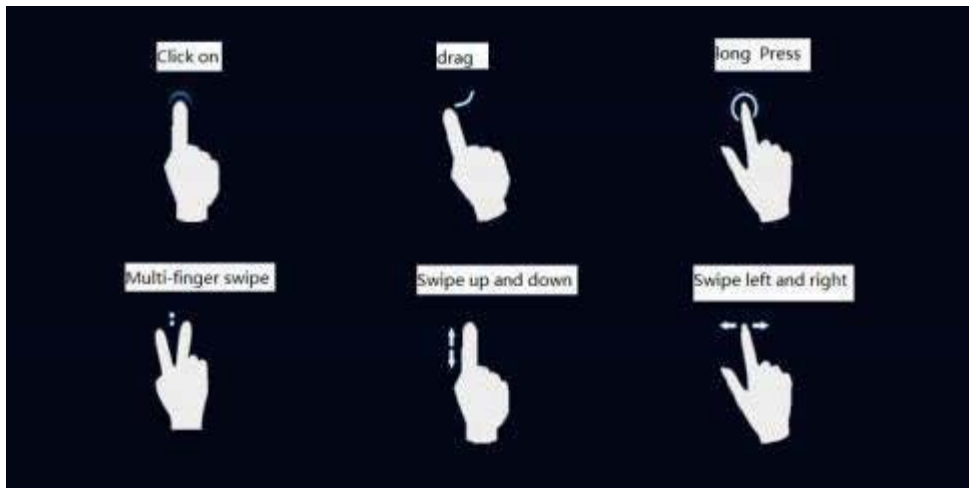
1.2 Main interface and application interface

The gestures that the machine can recognize are mainly divided into short-press, long-press, drag, and slide types. The results of the same function under different gestures are different, and the user operates the machine by touching the display screen.

Tap the icon on the main interface to enter the application interface.

Basic knowledge
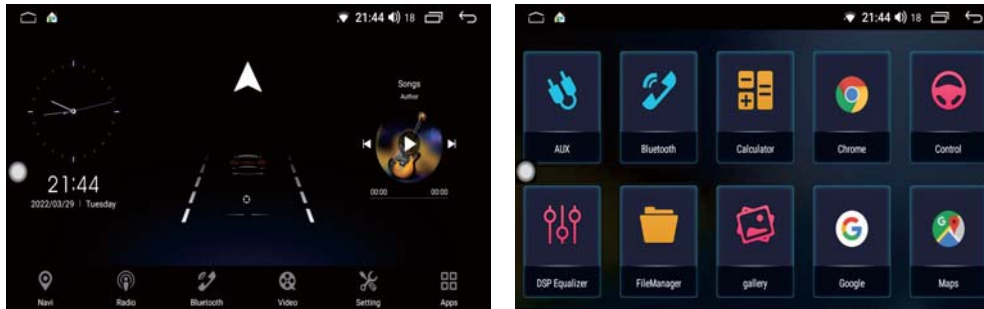
1.3 Wallpaper replacement

There are two ways to set the wallpaper :
1) In the main interface, long press the blank space to pop up the wallpaper and live wallpaper setting buttons.
2) Settings→Devices→Display→Wallpaper, Choose wallpaper according to personal hobbies.
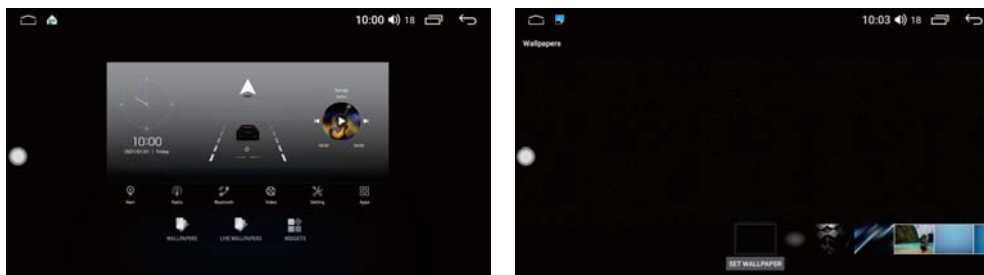
1.4 Main interface-delete application icon

When you press and hold an application icon or widget in the main menu, a delete button will pop up on the interface. If the user moves the long-pressed icon or widget to the delete button, it will enter the red deleteable state. At this time, let go of the icon or widget's shortcut.

Basic knowledge

1.5 Boot LOGO settings

1) Setting→Factory→Boot screen Logo, the user can choose the car logo pattern he wants to specify.

2) Customize boot logo: First, the resolution of the picture to be set needs to be greater than or equal to 1024x600, create a new mycar folder in the root directory of the SD card or USB, put the picture into the folder, insert the machine into the car logo setting and slide to the last one The page can display the export.
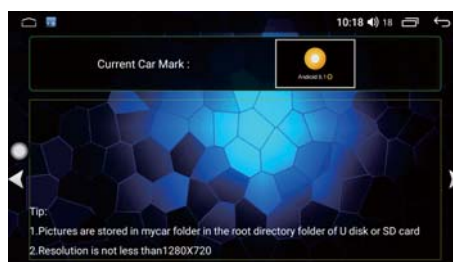
Main Interface

The main interface is as follows:
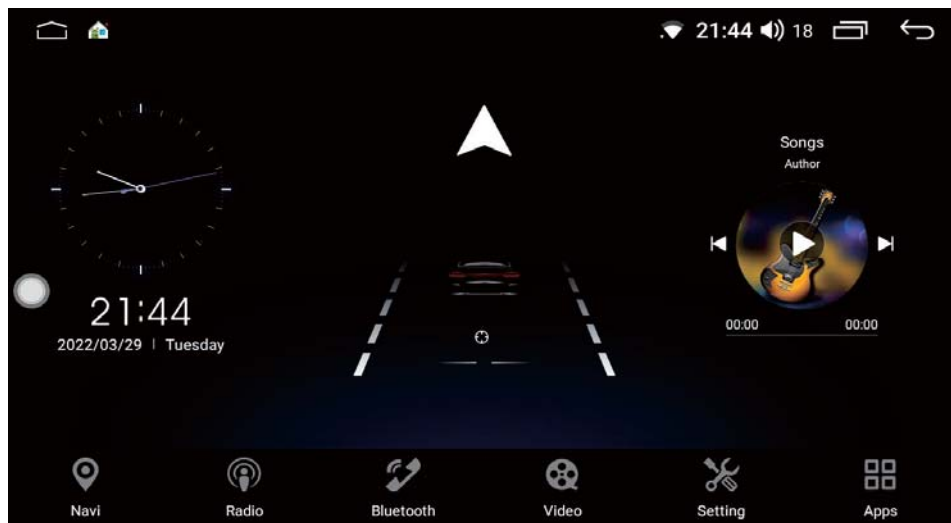
2.1 Navigation function

The main interface clicks the navigation icon▲, enters the map interface, clicks the icon▲to enter the search destination interface, the search destination uses.
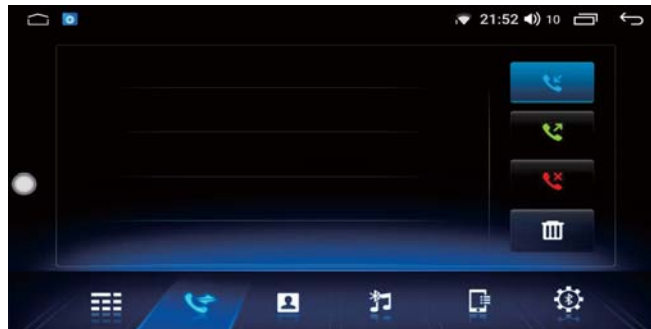
2.2 bluetooth function

Click the Bluetooth icon▨on the main interface to enter the Bluetooth interface.

Bluetooth Call Record：

Click the icon on the Bluetooth interface to enter the interface of call record. Incoming calls, outgoing calls and missed calls can be viewed, arranged from the most recent to the bottom according to the dialing time, and records can be deleted according to incoming calls.
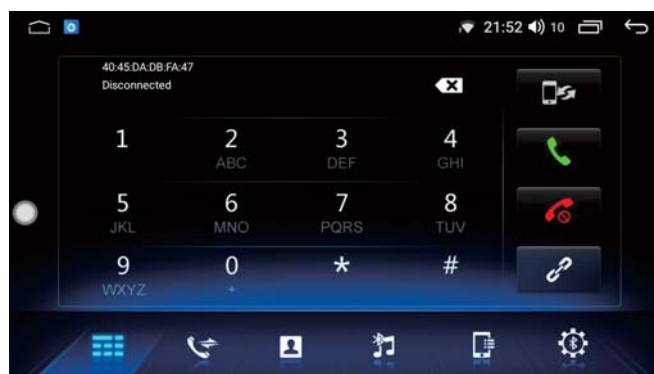
Main Interface

Bluetooth phone：

Click on the icon ⊞ to enter the Bluetooth phone interface. The phone Bluetooth needs to be connected to the car machine to use the Bluetooth phone function.

1) Turn on the Bluetooth function of the mobile phone and the car equipment respectively, and set the mobile phone as "visible to everyone".

2) Search for the Bluetooth device in the mobile phone and select it to connect after finding it. At this time, it shows that the pairing password should be input, which is generally: 0000. After inputting the pairing, it shows that the connection is successful.

3) After the connection is successful, the Bluetooth phone function can be used.
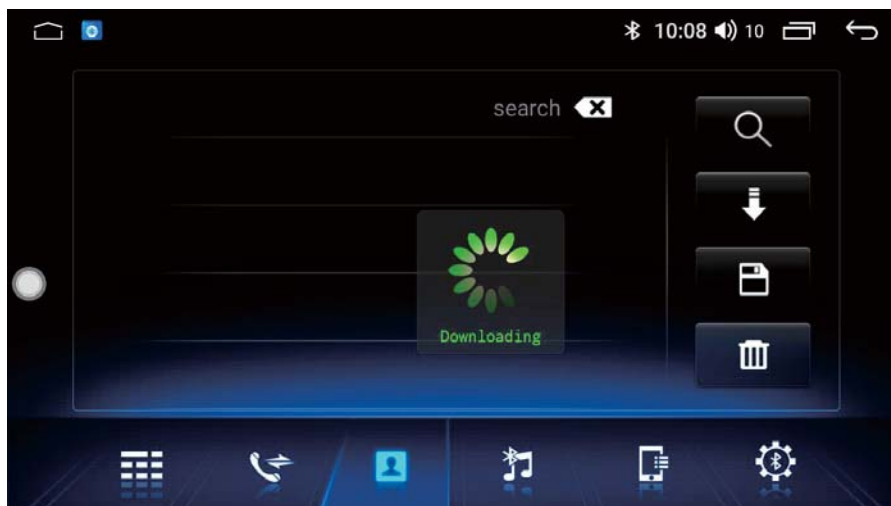
Main Interface

Bluetooth sync phone address book：

Click on the icon to enter the synchronous mobile phone address book interface, the car machine synchronous mobile phone address book, first of all to ensure that the mobile phone Bluetooth and the car machine connection is normal, the following is the synchronization method:

1) Click to download the phone book, a prompt box will pop up on the phone to choose whether to allow the car to access the phone address book.

2) Wait for the car to pop up the download complete prompt box, and then click the save button.

3) Click Search to find the contacts in the downloaded phone book.

4) Click the delete button to delete the contact in the phone book.

Main Interface

Bluetooth Music：

Click the icon to enter the Bluetooth music interface. When the Bluetooth connection between the car and the mobile phone is normal, the music in the mobile phone can be played through the Bluetooth of the car, and the switch between upper and lower songs can be controlled.
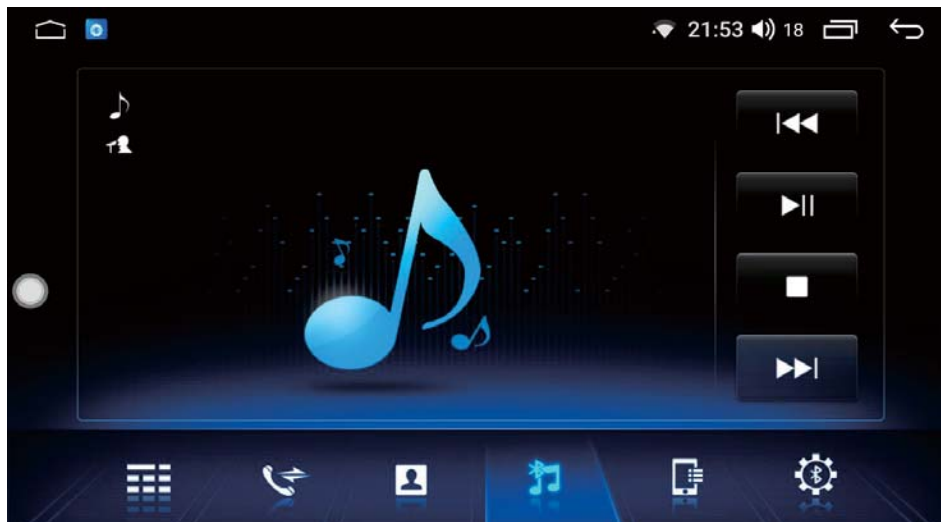

Bluetooth device search interface：

1) Click the icon to enter the device search interface, and then click the search button, Bluetooth will search for all nearby Bluetooth devices and display them in the list. Find and select the Bluetooth device you want to connect in the list.

2) Click the connect button, it will send a connection request to the selected Bluetooth device, enter the matching password in the selected Bluetooth device, the unconnected device is a disconnected icon, if the connected icon appears, it means the connection is successful.
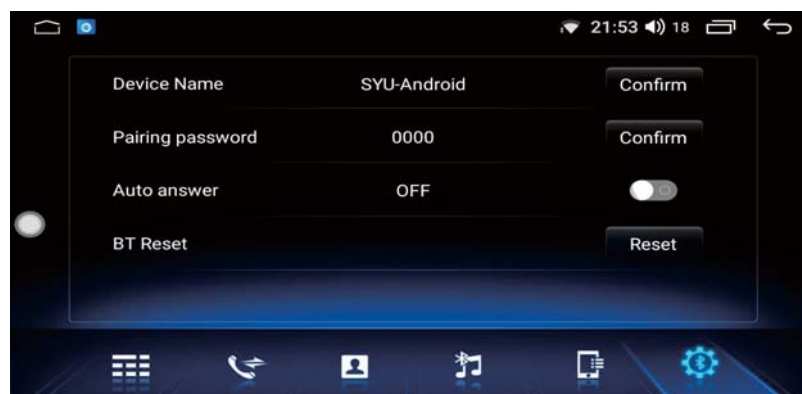
Main Interface

3) Click Disconnect to disconnect the connected device.
4) Click Clear Device to clear the device.
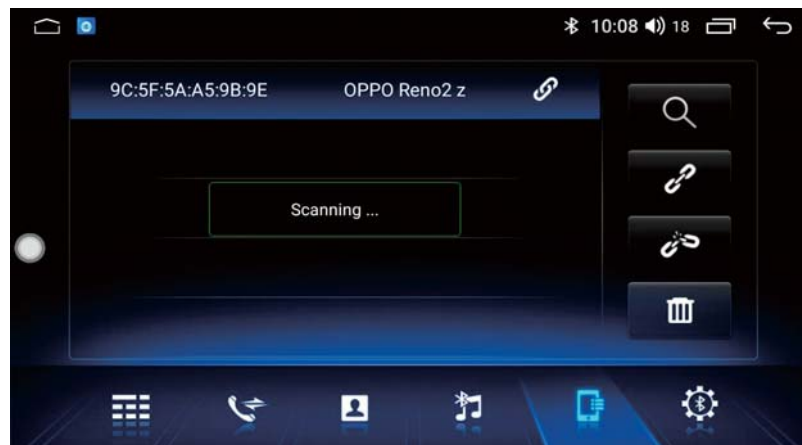
Bluetooth setting interface：

The Bluetooth setting page displays the name of the car's Bluetooth and the pairing password, and the user can manually change these information. The function of automatic answering is that when a call comes in, the car will answer it automatically. When the Bluetooth reset button is pressed, all Bluetooth information set by the user will be restored to the factory settings.
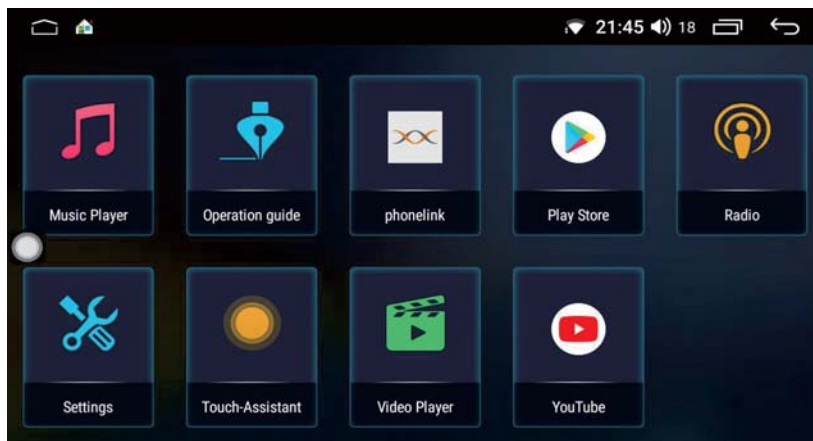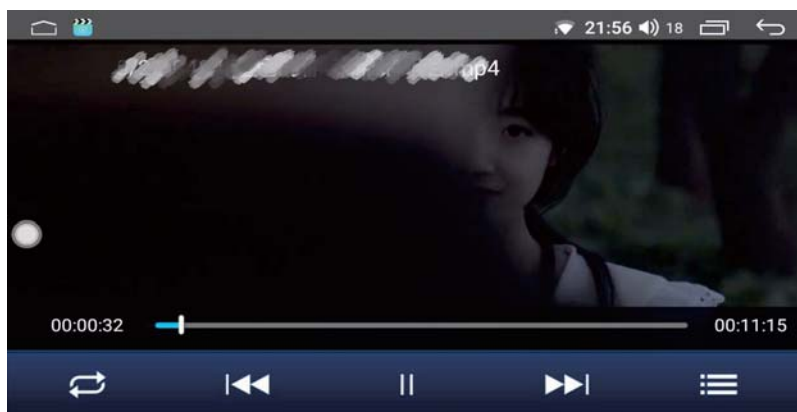
Main Interface

2.3 Application interface

Tap the icon⊞ on the main interface to enter the application interface

2.4 Video playback

The video player can identify all video resources from the machine's internal storage and external storage, and supports playing 3gp, mp4, m4v, flv, f4v, mkv, webm, avi and other common video formats.
Unique and simple operation interface, powerful decoding ability and support for high-definition video playback.
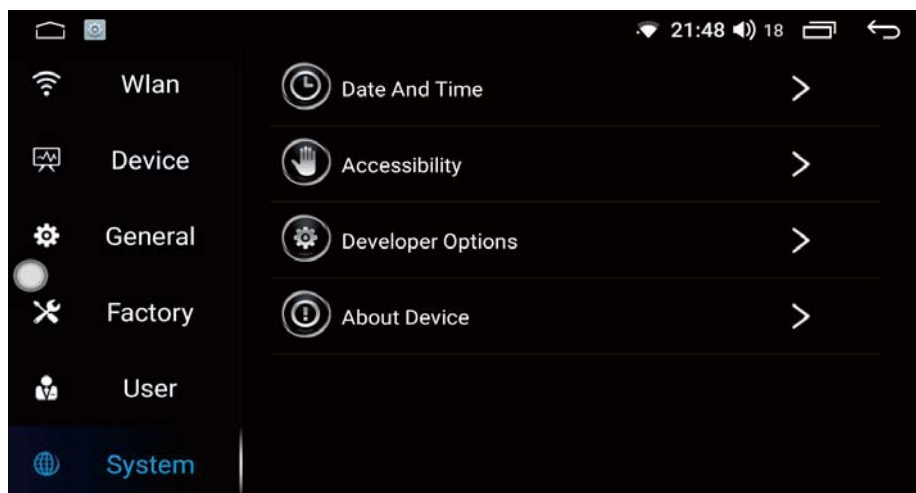
Main Interface

2.5 Set interface

Click the setting icon on the main interface to enter the setting interface.
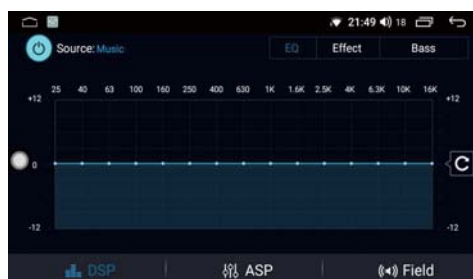
common app

3.1 Equalizer

Enter the equalizer interface, the user can click EQ, sound field settings, spatial special effects, sound enhancement to enter the adjustment sound effect mode, the user can set the preset sound effect or manually adjust the setting value to set the sound effect.


3.2 Radio function

Enter the radio interface, the user can set the following function points according to their needs.

common app

Click the icon to switch the band, the radio band will switch between FM1, FM2, FM3, etc., and the station information on the 6 save information buttons of the current band will also change accordingly. Due to the inconsistency of broadcast bands in various regions, users can switch manually according to local conditions.

Click the icon to switch between long and short range.

Click the icon to search for radio stations. After this button is pressed, the radio will search all the radio stations of all bands.

Click the icon to enter the radio setting interface. In the radio setting interface, there is FM sensitivity adjustment. Of course, the premise is that the automatic stop sensitivity is turned on. After setting the FM sensitivity or RDS switch on the radio setting interface, or changing the area, it feels very messy, which is not conducive to us to adjust the radio. We can click the one-key default button to restore to the default setting.

Click the icon edit button to pop up the edit box, click the cursor to edit the station information. you can use the left and right FM buttons, after completion Click the save button.

3.3 Steering wheel learning

For cars with buttons on the steering wheel, if the buttons support learning, you can customize the function through the steering wheel. The steps are as follows:

The first step is to press and hold the button to be learned on the steering wheel.

The second step is to select the function button to be learned on the machineand press it. Only when a valid number appears below the button (the number indicates the resistance value of the button) can you let go.

The third step is to learn other keys in sequence according to the previous two steps, and click the save button after learning (the same key can only learn one function)

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common app
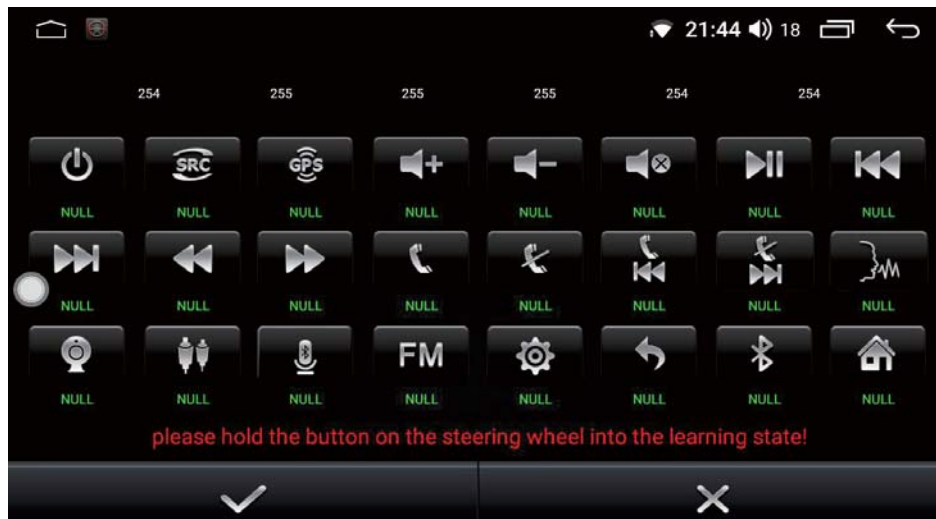
3.4 Touch screen assistant

Show button：
The floating button in the touch screen assistant is provided with many shortcuts for operations, through which you can easily perform function jumps. If the user needs to display the floating button, click on the touch screen assistant to enter the page and set the display button options.

boot：
After setting the floating button to display, by setting the boot options, the floating button will be automatically displayed every time you turn on the device, and you do not need to enter the touch screen assistant to set it every time. For the video interface, navigation and other interfaces need to hide the floating button, you can set the hidden function when using car-related applications.

common app

Button size adjustment：

In the process of using the touch screen assistant, you can set the button size adjustment to change the size of the floating button, and the user can set it according to personal usage habits.
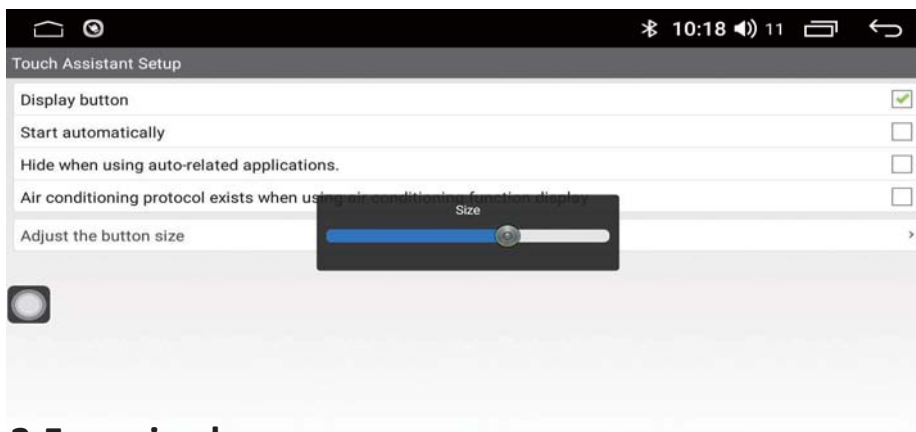
3.5 music player

Music playlist：

Enter the main interface of the music player through the application icon on the main interface or the application interface. If there is no playback record, it will jump to the list interface by default.

Song list button, click this button to display all the songs in the car's internal storage and external storage devices.

Folder list button, click this button to display all the folder information containing songs in the internal storage of the car and the external storage device.

Singer list button, click this button to sort and display the songs in the car with the singer information.

Album list button, click this button to sort and display the songs in the car with album information.

common app
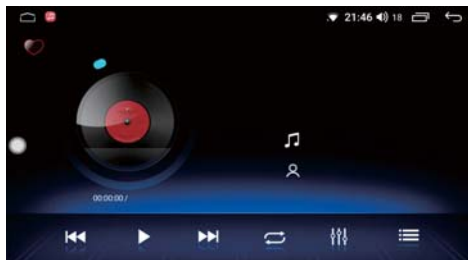
3.6 File management

You can view and operate all files in the machine in the file manager, and there are file directories that allow selection on the left side of the page. Just select the file you want to operate, a row of operation buttons will appear at the bottom, and click the corresponding operation button.
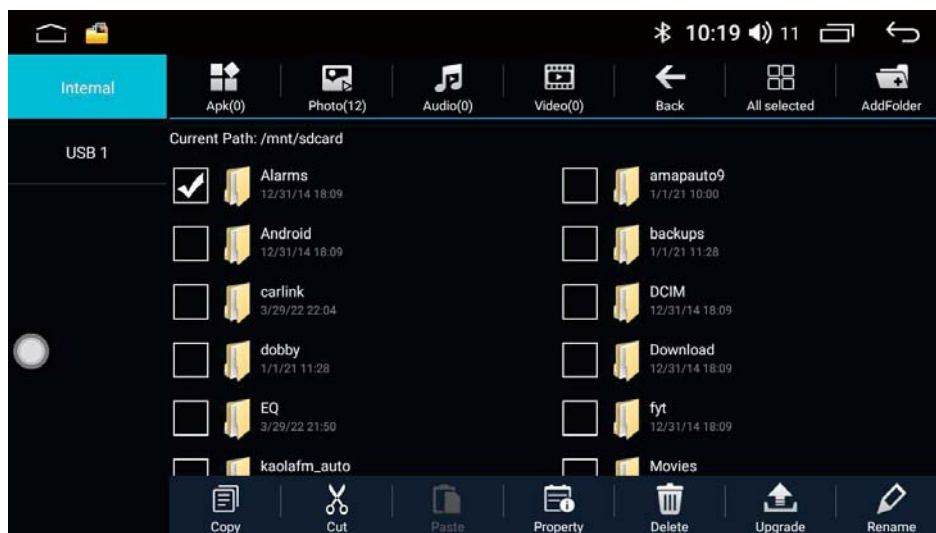
common app

3.7 Picture Preview

The picture browsing function can browse all format pictures in the internal storage and external storage on the car, and can customize the wallpaper.

Picture manipulation：

Click any picture to enter the browse mode, as shown in the figure below, the picture can be zoomed in and out in this mode, and the function buttons can be hidden and displayed by long pressing the screen. At the same time, it supports the function of moving the picture with the finger and cutting the picture with gestures.
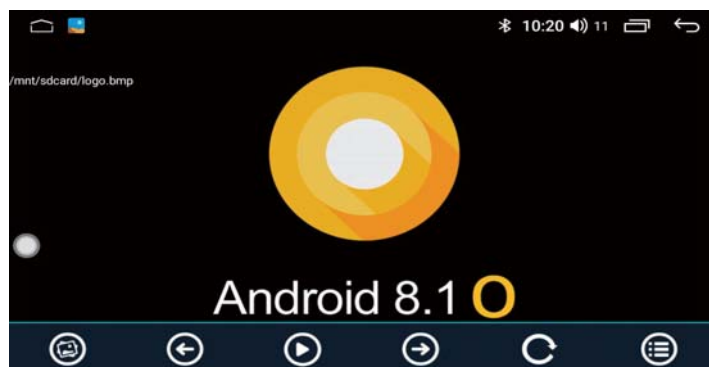
settings

4.1 wireless setting

Click the main interface settings and application interface settings → wireless settings → WLAN to enter the wifi interface, or you can pull down the menu and long press the wifi button to enter the wifi interface, turn on wifi, it will display the available wifi resources found nearby, select available Click the wifi name to connect.
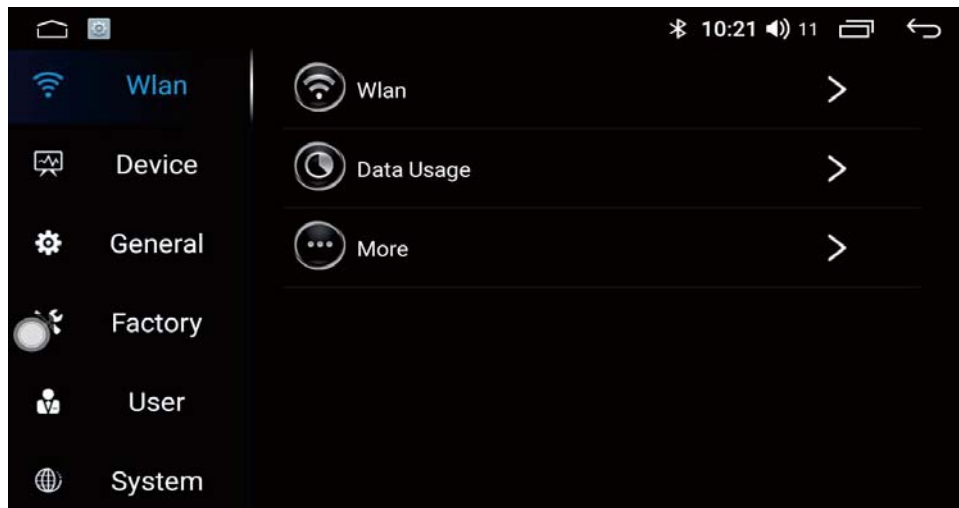
Data Usage:
you can check the flow usage, you can also turn on and off the flow saving program.

More:
mobile network, network sharing portable hotspot, flight mode, VPN function. Users can connect to or set up wifi hotspots through this page.

settings

4.2 Device settings

Display: In the display options, the user can set the screen brightness, wallpaper, and automatically enter the black screen and other functions.
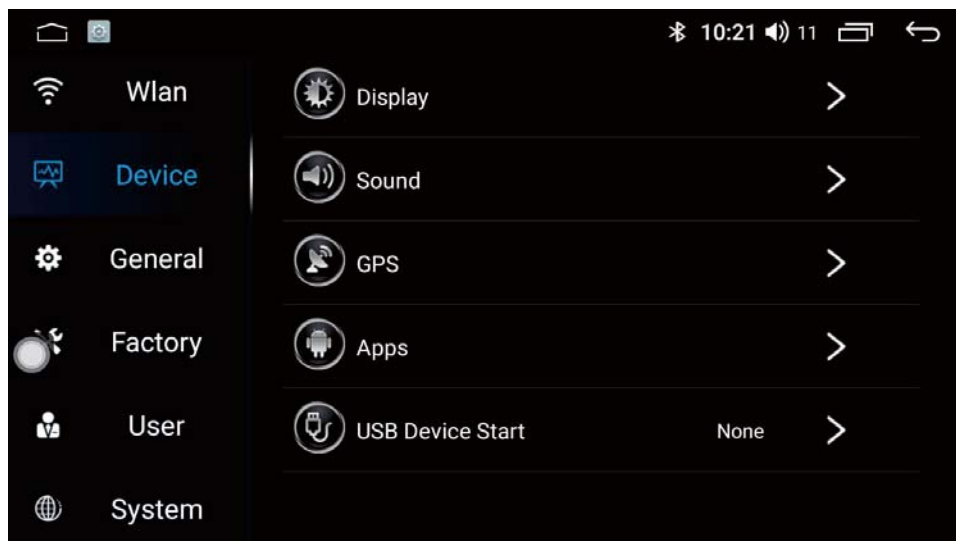
Sound: In the sound interface, you can set the sound output effect of the machine through touch screen sound, LOUD, power amplifier switch, power, bass, and equalizer options, and users can experience the effect according to actual operation.

GPS: GPS information displays the basic information of machine positioning, and supports dual-module display of Beidou and GPS. The automatic synchronization switch can control whether the time of the machine is synchronized with the time of the positioning satellite when the vehicle is positioned.
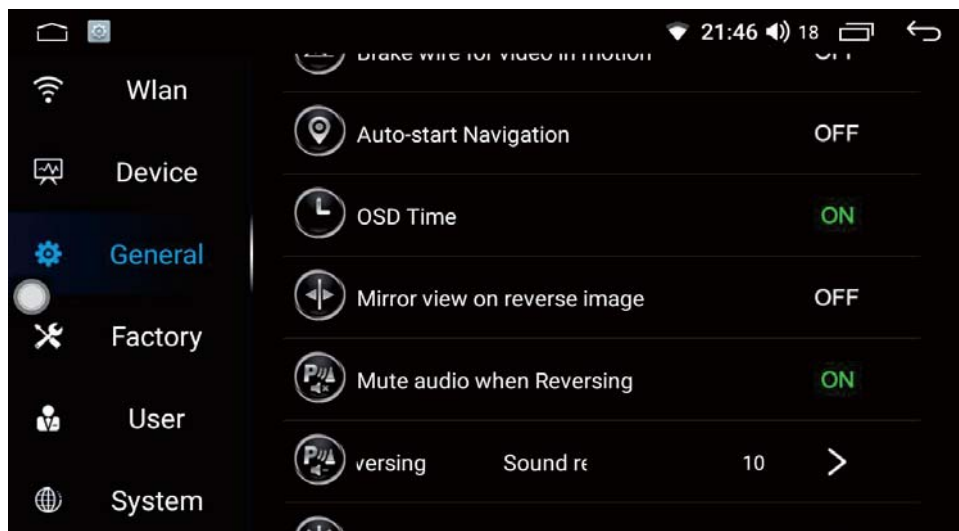
Apps: The user can view the usage of the internal storage space of the application, and uninstall or stop the installed external program

settings

4.3 General settings

General settings can set some basic attributes of the machine, and users can configure functions according to personal habits.

The function is introduced as follows：

➢ Preess any key to start: click any key on the touch screen to turn on
➢ Brake wire for video in motion: the video display is controlled by the handbrake status
➢ OSD Time: the time can be displayed on the image screen after opening
➢ Mirror view on reverse image: reversing image is displayed in mirror mode
➢ Mute audio when Reversing: shield other sound output when reversing
➢ Sound reduction when: control the sound level of reversing background

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settings

- ➢ Backlight control：There are two ways of time control and small light control
- ➢ Default volume switch: Control the power-on default volume setting
- ➢ Default boot volume: set the default volume value at power-on
- ➢ GPS Mix: control the background sound output when the navigation report
- ➢ Sound Mixing scale: control the background sound when navigation sound
- ➢ Lantern setting: Control the color of the button light on the screen
- ➢ Steering wheel setting: can enter the steering wheel learning interface
- ➢ Navi App: set the called navigation map
- ➢ Map Data Copy: Copy the map data package and install it at the target location
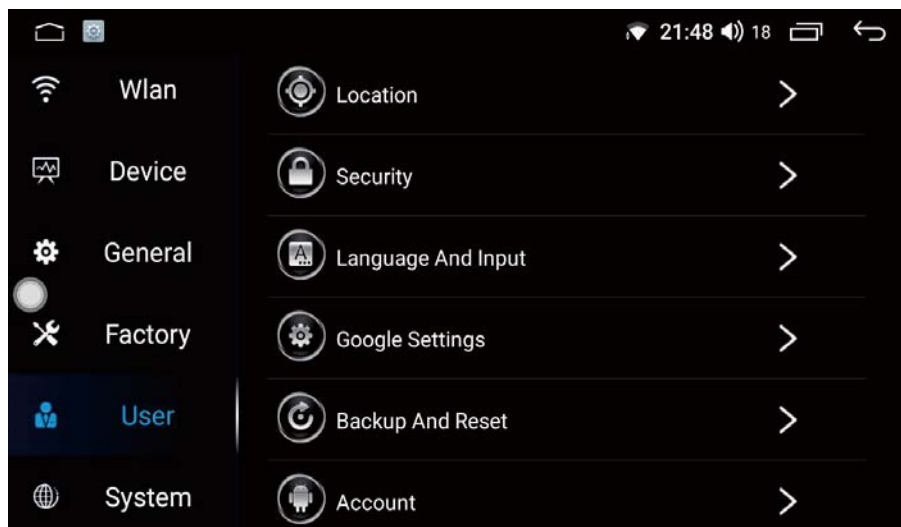
4.4 Factory setting

The factory settings can be configured for the machine functions. Enter the correct pairing password 3688 . In order to ensure the normal operation of the machine, it is not recommended that the user change the settings.
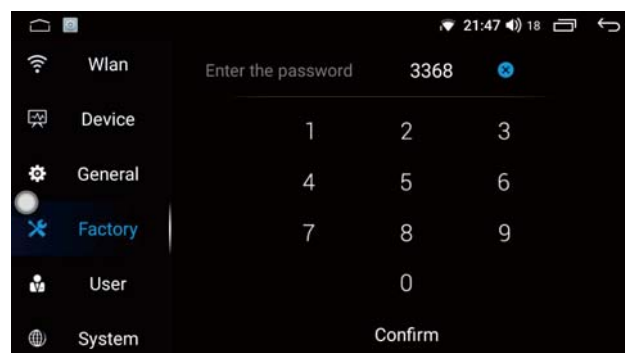
settings

4.5 Personal settings

- ➢ Location: You can set GPS satellite positioning to obtain your current location information. The GPS satellite positioning function needs to be kept on to ensure the normal use of the navigation function.
- ➢ Security: You can view the device management application, the opening and closing of the fixed screen and other functions.
- ➢ Language And Input: You can switch languages and add languages.
- ➢ Google Settings: You can use Google services
- ➢ Backup And Reset: You can restore the factory settings, etc. To ensure the normal operation of the machine, it is not recommended that users change the settings.

settings

4.6 System settings
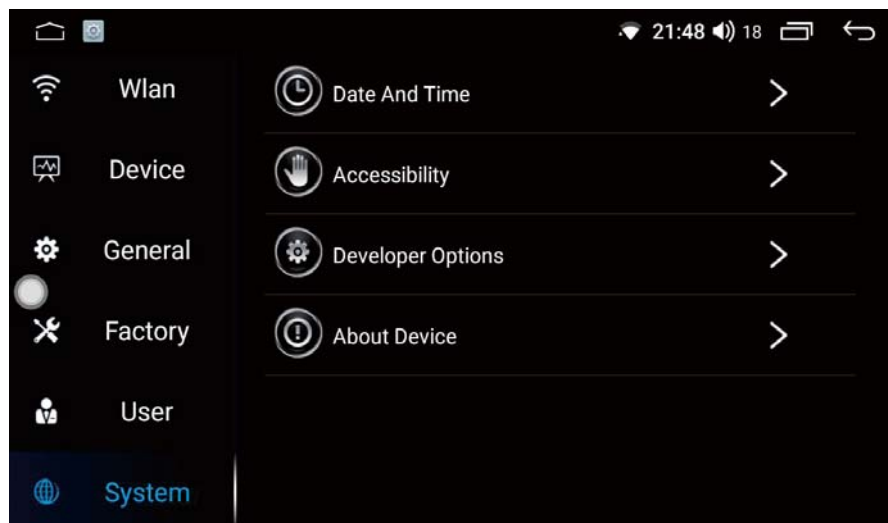

- ➢ Date and time: Set the system time, and generally provide a time mode for automatically acquiring the network.
- ➢ About device: Mainly display basic information of applications, systems and other software in the machine

QA

1. The Bluetooth of the mobile phone and the Bluetooth of the car cannot be paired and connected?

   If the Bluetooth connection fails, you can turn off the phone's Bluetooth, turn it on and search again, and then connect again. If it doesn't work, you can click the reset of the Bluetooth settings. After a few seconds, you can pair and connect.

2. There is no sound from Bluetooth music?

   Make sure that the paired mobile phone has volume output.

3. There is no response when you click to download the phone book?

   After Bluetooth connection, after clicking download on the phone book, the mobile phone will receive a request to download the contact, confirm and allow the download request to download.

4. The Bluetooth name is not updated after setting?

   After the Bluetooth name is set, if it is not updated immediately, please disconnect the Bluetooth and click the pairing connection.

5. No data update at the first time when I plug in SD card or USB in the music player?

   After the user plugs in the storage device, the music player will detect and scan the data. If the stored data is relatively large, it may take a while to update (a few seconds to 1 minute). If it is still not updated, please make sure that the storage device is hung up. Upload (check the file browser to see if there is a corresponding storage directory, if there is no directory, please re-plug the card or check the hardware).

6. Song file name shows garbled code?

    The song name is not the file name name of the file. If the coding method of the song itself is neither a common format nor a coding method in accordance with the local language, there will be an error in coding display.

ANTFAS Android Large Touchscreen Radio

If you encounter problems during installation or use, please contact us. We will provide you with technical support in a timely manner.

Contact Email:

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

NOTE: 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.

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.