



Oem Systems MS-21 Car Multimedia Navigation System User Manual

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Oem Systems MS-21 Car Multimedia Navigation System



matters needing attention

For your safety, please try not to while driving to watch video and operate the machine. When you're driving the volume knob can clearly hear the sound of the outside world.

Product change iterations, the system will be updated step by step. The contents of this manual are for reference only, please refer to the actual product.

- First, pay attention to traffic safety.
- Please park your car in a safe place if you have difficulty in operating the system.
- Do not allow children to operate the machine, in order to avoid damage to the adult or machine.
- Please follow the traffic rules when using the satellite navigation system.
- Please do not prohibit the use of electronic equipment or the use of open flame, such as: gas stations, wineries, strong electromagnetic interference areas, or may cause danger.
- Do not self maintenance, maintenance, installation of the machine. In the power supply is switched on do not install or repair the machine, because of no electronic equipment or vehicle accessories installation training or lack of experienced personnel to install and repair the machine is very dangerous.
- Don't put the machine storage or installed in direct sunlight. Don't make placed and other harmful substances into the environment, especially LCD screen. If installed, LCD screen just in air conditioning ventilation Road in

the vicinity, please ensure cool or hot air not blowing directly on the machine, otherwise it might damage the machine, even the car or bodily harm.

Basic operation

- **System reset**

Caused by the improper operation of the crashes and other non normal phenomenon, please use the tip of the short by a panel reset hole, the machine can be restored to normal. (Note: due to the reset button panel on a small, please press this button), using the pen or similar pointed object point

- **start / off host**

In the ACC switch in the open position, according to the host panel “power” button to turn on the power, insert the CD into the trough dish, machine will automatically open, open access to read disk mode; when the phone is switched on, long press “power” button switch for host panel, or flameout pull bus key will shut closed the power of this machine.

- **volume adjusting**

Rotate the volume knob on the console panel (some models have the volume control keys on the panel “VOL+/VOL-” button), which can adjust the volume of the machine.

- **Power Key**

Press the Power key on the panel to mute the system, press again or adjust the volume to restore the sound.


- **Backing camera**

The vehicle go into reverse, regardless of the machines in the boot or shutdown state, the display will immediately switch to reverse the camera screen.

Main interface operation

In the main interface, a different function icon into the corresponding interface, the function of the detailed operating instructions. Please see the back.About touch sliding page can switch between multiple pages,as shown below



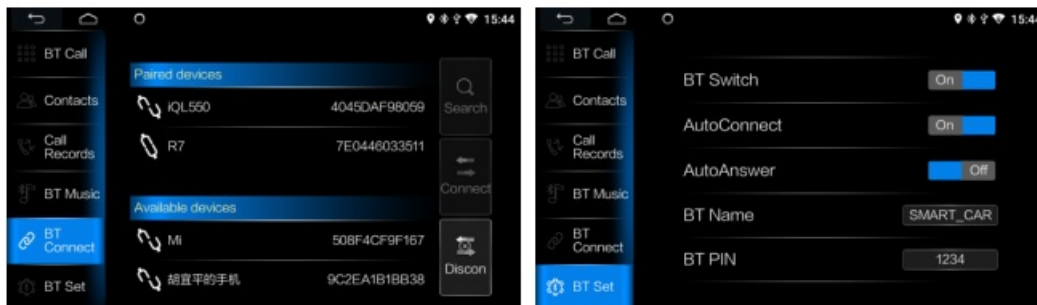
Click  the icon to access the third-party application menu as follows, Long press the icon to drag to move the icon position






Bluetooth

bluetooth main interface

As shown below:



-  Search around the open Bluetooth device.
-  Select the device that exists around the click on the link to wait for the match or match Will automatically link.
-  Disconnect the connected device

Settings: mainly for the Bluetooth device function selection, automatic connection, auto answer, Bluetooth name modification and Bluetooth PIN code modification.

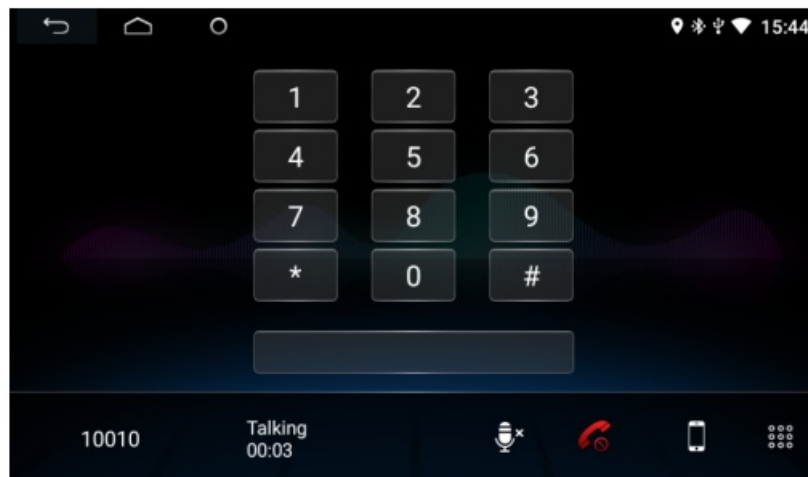
Bluetooth – dial







Bluetooth connection is successful, the user can dial directly, through the touch screen number keys, as shown below:



Outgoing state diagram

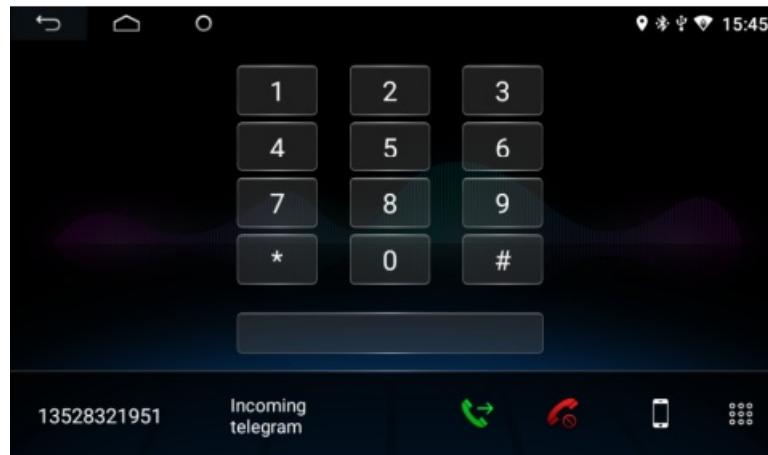
After the Bluetooth connection is successful, you can enter the number by phonebook, dialing, and manually pressing the number keys on your keyboard use  Dial out the phone



-  The voice of the other party's call is output from the machine (in-car speaker). Click this icon to switch the voice of the other party to the output of the paired mobile phone.
-  The voice of the other party's call is output from the paired mobile phone. Click this icon to switch the voice of the other party to the output of the machine (in-car speaker).
-  The microphone on the machine is turned on. During the call, the other party can hear the content of the user on the machine and the two parties talk normally. Click this icon to turn off the microphone on the machine.
-  The microphone on the machine is off. During the call, the other party cannot hear the content of the user on the machine. Click this icon to turn on the microphone on the machine.
-  Dial the call or hang up during the call to end the call
-  In the call interface, you can hide or display the dial pad

Call state diagram

Bluetooth connection status, there will be incoming calls call interface as follows:



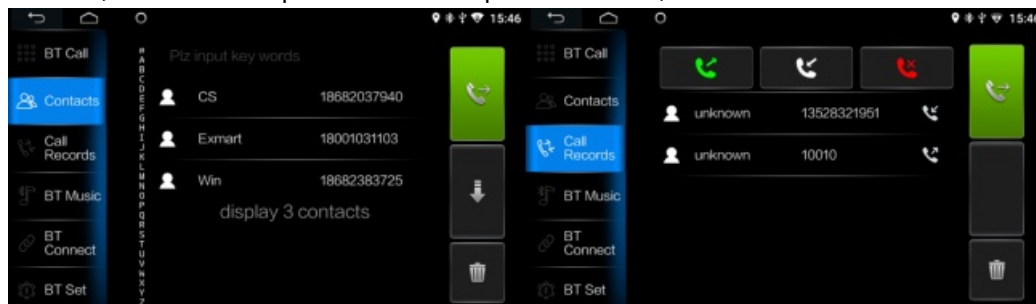
Answer the call and enter the call state.



Hang up the phone, you can hang up without answering the call.

Phone book and phone records

Bluetooth connection, can enter the phone book and phone records, as follows

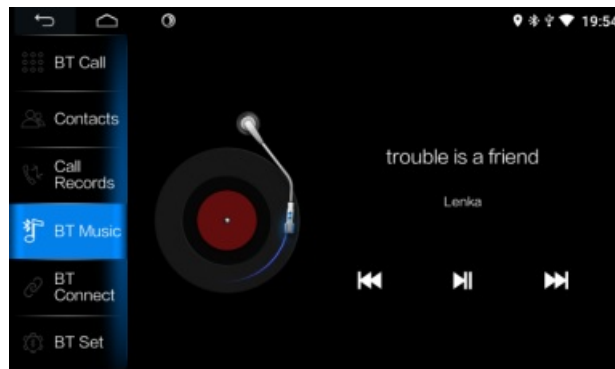


You can also click on the “Please enter keyword” location in the phone book to find the number in the phone book.

- Select the number on the left of the phone book or phone record Press the dial to dial the number to contact each other.
- Used to synchronize the phone book in this connected phone
- Has been dialed out of the number record
- List of numbers that have been answered
- List of unanswered numbers
- Used to download the phonebook information in the connected Bluetooth Used to download the phonebook information in the connected Bluetooth

Bluetooth – Music

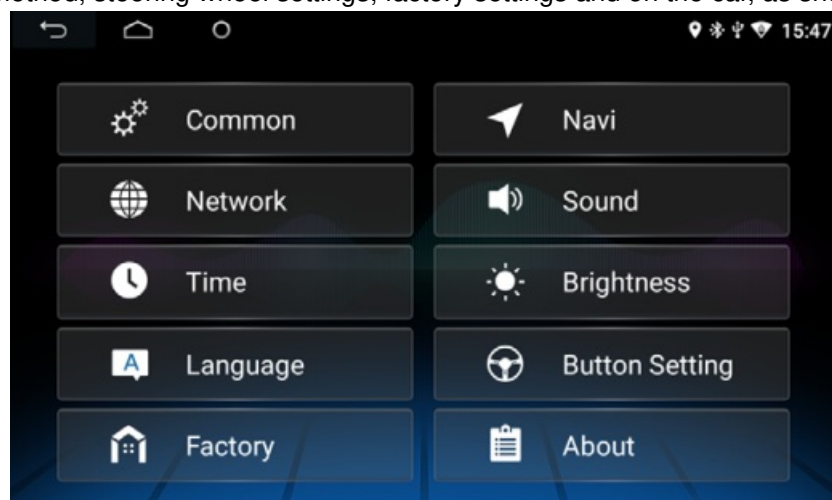
Bluetooth media media connection is successful, if the phone supports Bluetooth music player, the audio will be transmitted to the Bluetooth device, as shown below



You can control the phone through the three buttons to control the music on a song, pause playback and the next song function

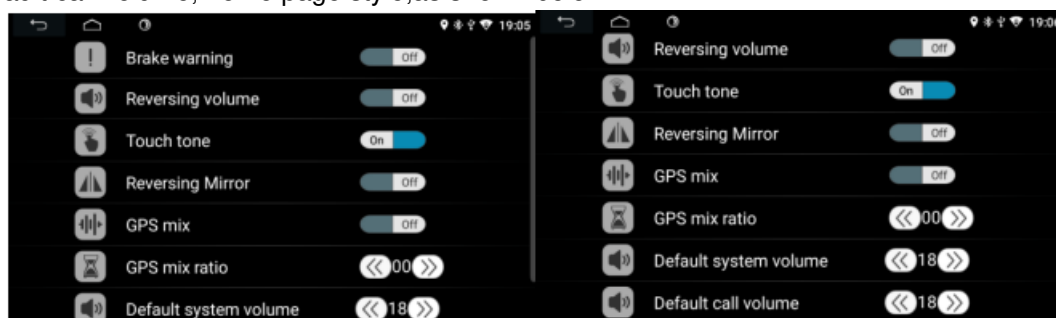
Vehicle setup

Set the main settings, navigation settings, network settings, sound settings, time settings, brightness settings, language and input method, steering wheel settings, factory settings and on the car, as shown below:



General settings

General settings include brake warning, reverse volume switch, button tone, reverse mirror, default system volume, default call volume, home page style, as shown below:



- **Brake Warning:** Controls whether or not a traffic warning switch pops up when playing a video file.
- **Reverse volume switch:** control the volume when the reversing switch.
- **Touch tone** Whether the control system has a tone switch when it touches. **Reversing Mirror:** Controls whether the camera is turned on.
- **GPS mix** Switch function options, navigation work with music – video – Bluetooth music -mix output
- **GPS Mixing Ratio:** Controls the mixing ratio of GPS.
- **Default system volume** Controls the system volume size by default.
- **Default call volume** Controls the default value of the Bluetooth call volume.

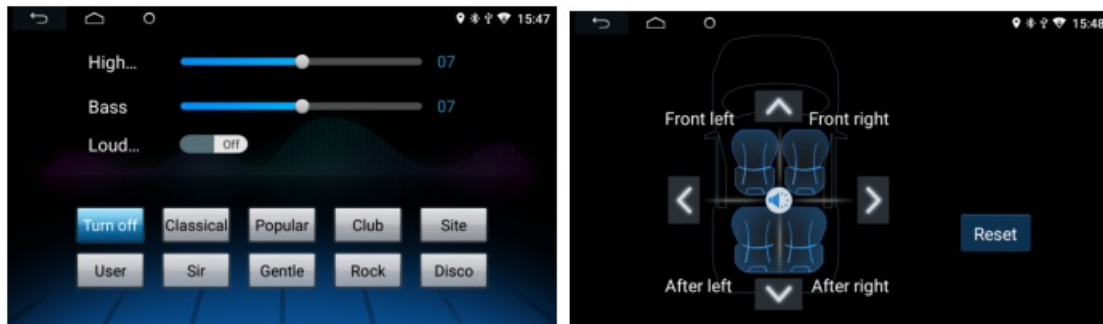
Factory settings

Factory settings are mainly for production, installation, after-sales, maintenance, and non-professionals, please do not use

[Note] Non-professionals are not allowed to enter the factory settings. Improper settings may result in the product not working properly! !

Sound settings

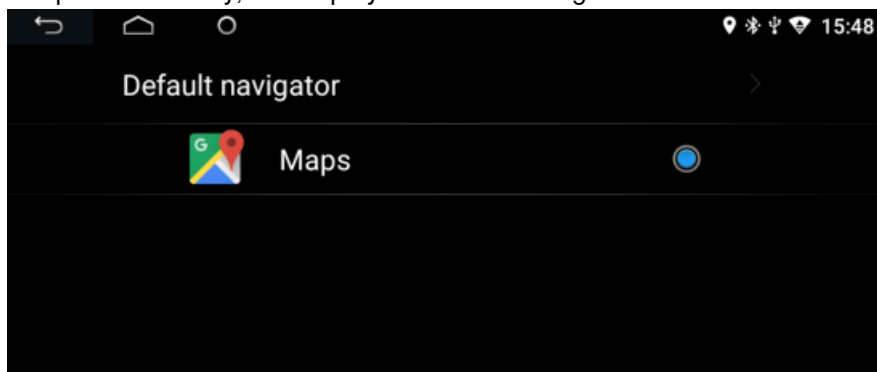
Sound settings are sound and balance two parts, as shown below:



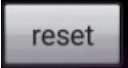
- **Sound effects:** sound type settings, you can off, users, rock, pop, live, dance, classical and soft eight types to choose, according to their own preferences equal loudness, bass and treble to adjust.
- **Balance:** sound field balance mode settings, according to the different effects of the upper and lower left and right reverse adjustment.

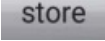
Navigation set

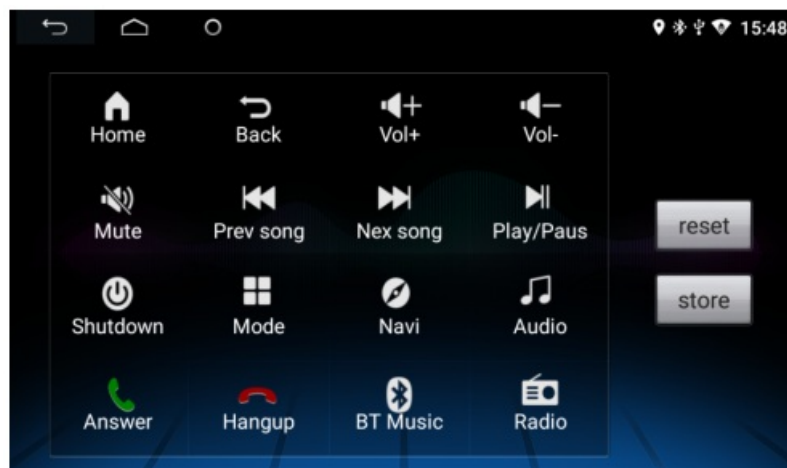
Select map application: press GPS key, will display the default navigation software



Square set

Steering wheel control button settings: enter the steering wheel learning interface, first press . And then long press the button on the steering wheel, select the appropriate key in the interface, when the settings are

successful, the corresponding interface button will be lit, after learning press  Will save this learning content.



radio reception

The main radio interface, as shown below

[Note] The introduction is for reference only, please refer to the actual product.



band as FM1 FM2 FM3 AM1 AM2

Short press the button from the system will search the radio station step by step from high frequency to low frequency or from low frequency to high frequency until you find the radio frequency you want (FM band short press for FM1 \ FM2 \ FM3 band between the 1-6 units switch; long press to automatically scan the radio to the high frequency; long press to the low-end scanning station note: If there is a tuner on some models of the front panel button, rotate it to the search frequency).

The stronger the FM signal, the switch of the stereo, the radio broadcast effect is good, whereas in the remote area, the wireless signal is not stable, close the stereo switch to single channel, can improve the effect of the radio.

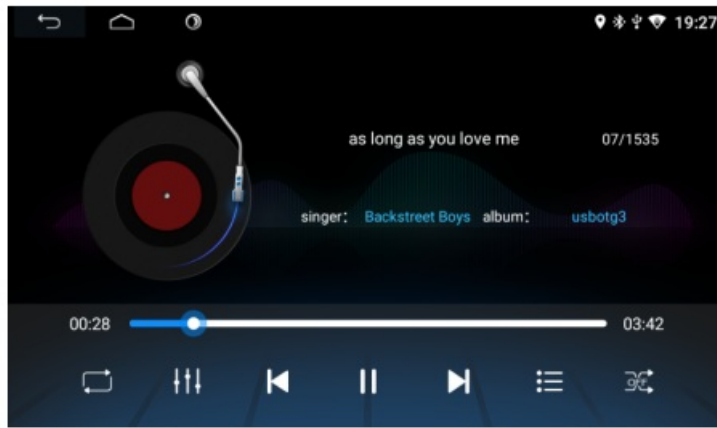
When in a remote area, the radio signal is unstable, usually switching to the remote mode, the closer to the city center, the more powerful the FM broadcast signal, usually switching to the short range to improve the effect of the radio broadcast.

Automatically browse stations and store up to six preset stations per band. The system can store up to 30 preset stations (18 FM stations and 12 AM stations). (Click the browse button to browse the stations that have been memorized in the band (view a station every 5 seconds). After browsing to the appropriate station, click Browse and the selected station will play.

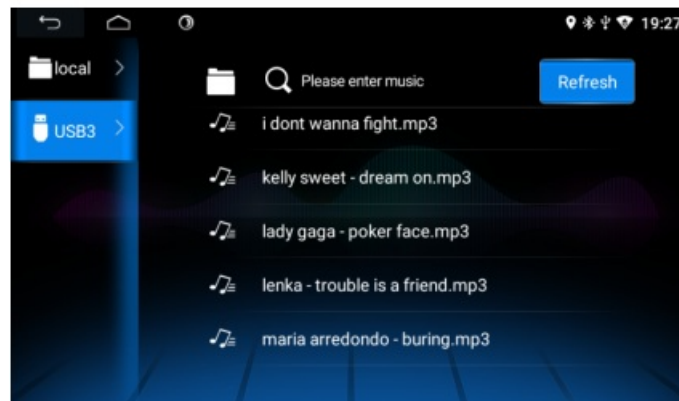
Click on the button system will automatically search the radio from low to high frequency, during the search process, once again hit the button will stop the search, while the frequency of the screen will stop changing. Can enter the sound settings to switch the sound.

Multimedia music







After inserting the USB flash drive, entering the music application will update all the audio files in the USB flash drive to the list, as shown below



Enter the song list, as shown below:

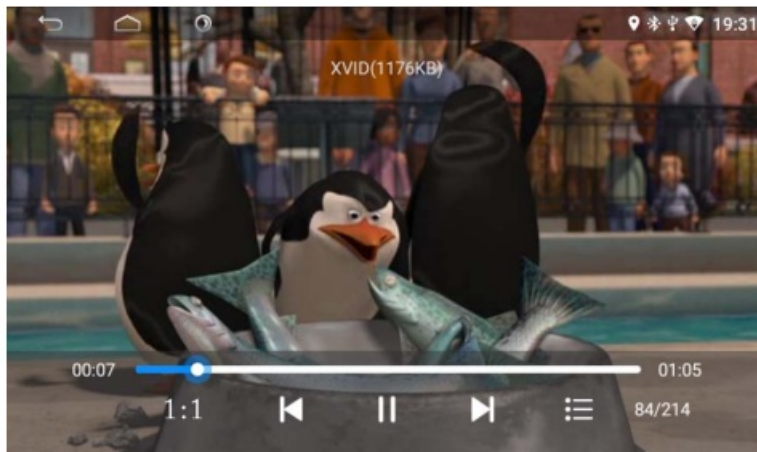


You can select different paths to view music, and you can update the newly added audio files in the USB flash drive with the refresh button.

-  Circle all the songs.
-  Random play.
-  Sound settings.
-  previous track.
-  Pause playback.
-  next track.

Multimedia video

After inserting the USB flash drive, the video will automatically detect the USB flash drive and enter the video playback screen. Music lists the video files in the USB drive. Enter the video playback page, as shown below:



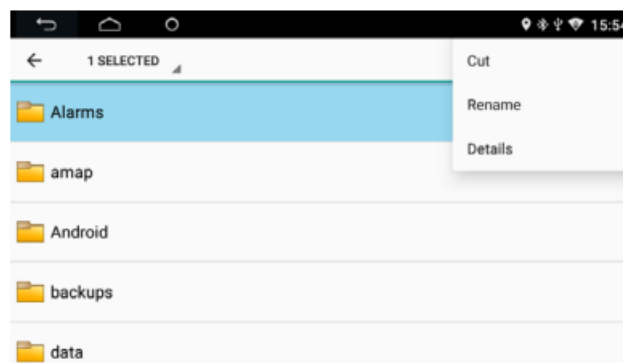
Function is similar to music, can be selected from U disk or local path (Note: This video player has a total of 8 interfaces, it supports MP4, AVI, RMVB, 3GP, MKV, MOV, MPG, FLV and 1080p HD video playback format Can be displayed on the screen length and width to switch the ratio.

File management operation

Enter the file management interface, click search Query the file to be found or click Create a new folder, as shown below:



Can be different from the path into the corresponding folder Long press the optional file on the file to copy, delete, cut and rename the details of the file, as shown below



Common troubleshooting wizard

If you encounter the following problems in use, troubleshooting will help you quickly solve the problem, if the problem is still not resolved, it is recommended to contact our service department to help solve it

phenomenon	Reason	Handle
Can not boot	The car key is not inserted into the switch and the switch is not open	Insert the vehicle key and open the door
	Power line insertion host	Insert power cord
Touch screen is not allowed	Recalibrate the touch screen, press and hold the screen with five fingers, and the system will automatically enter the calibration screen.	
The touch screen does not respond	The system is processing the transaction (road search, etc.), wait a moment, if it still can't be solved, please press the RST hole through the needle or the tip of the pen.	
Reversing without rear view image	Camera not installed	Install camera
	Camera system is wrong	Restart the machine
The system does not start, the rear view image appears after the reverse process, and the button is invalid.	Pay attention to the principle of driving safety when designing products , and preset the rear view priority	You must terminate the reverse action before you can start the system by pressing the original car power button.
Navigation cannot be located	May be in the shielding area of some navigation signals	Try to drive the car out of a distance and observe whether the navigation resumes the

		signal. If it is not restored, please re start or reset the machine.
Cannot locate and navigate after booting	Navigation map blind spots, some remote mountain areas or roads have not been built in this map	Confirm update map
Fuzzy search can't find where to go	First confirm that the entered Chinese character is correct, and then try to enter another name for the location. If it is not found, the location may not be in the map database.	
The navigation system gives the selected road "a far-reaching approach"	The navigation system will consider various factors in the road search. In addition to the distance, it will also consider the level of the road, the traffic regulations, the viaduct, the main line, etc. In short, it is convenient for the driver to reach the destination in the shortest possible time.	
Blank on the map	<p>The machine has no network or no offline map data. It is also possible that the navigation scale is set too large or too small. Try changing the scale to see if you can restore the map display. If it has not been resolved, it may be caused by the loss of positioning.</p> <p>Please re-select a marker point.</p>	

FCC Radiation Exposure Statement

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 & your body

FCC Warning

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.

NOTE 1: 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.

NOTE 2: Any changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user’s authority to operate the equipment.

Documents / Resources

	<p>Oem Systems MS-21 Car Multimedia Navigation System [pdf] User Manual MS-21, MS21, 2A6TL-MS-21, 2A6TLMS21, MS-21 Car Multimedia Navigation System, MS-21, Car Multimedia Navigation System</p>
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