
Digital iQ
INTELLIGENT CAR SOLUTIONS
User Manual
Series
RSF - RSG
INNOVATIVE • RELIABLE • SMART

CONTENTS

WARNING & CAUTION ---------- 01

1. Features and Functions ---------- 03

2. Basic knowledge---------- 03

3. Bluetooth Connction---------- 04

4. Intelligent vehicle interconnection---------- 06

5. USB iziedia playback---------- 08

6. Radio ---------- 09

7. DSP Setting---------- 10

8. Steering Wheel Control ---------- 12

9. File Manager ---------- 12

10. 360 Panorama System---------- 12

11. Setting ---------- 14

12. Troubleshooting ---------- 18

13. Installation Diagram ---------- 19

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WARNING & CAUTION

To prevent injury or fire, take the following precautions:

- To present a short circuit, never put or leave any metallic objects (such as coins or metallic tools) inside the unit.
- Do not watch or fix your eyes on the unit's display when you are driving for Any extended per i0d.
- If you experience problems during installation, consult your Lenovo dealer.

General Warning

To avoid any injury or damage to yourself, your car and others, please make sure to do as following.
Observe the following note to protect yourself against injuries:

- Do not modify or open the device: Do not do any unauthorized modification to the device.
  In case you need any assistance, please visit the nearest service center.
  The device should be open by an authorized person only.
- Use as Directed: this car audio system is intended for installation and operation in a vehicle with 12V (negative ground) vehicle system voltage.
  Observe the output limits of the device. 0nly an authorized specialist should perform repairs and installation, if necessary.
- Installation Instructions: You may only install the car audio system yourself if you are experienced in installing car audio systems, and are very familiar with the electrical system of the vehicle.
  For this purpose, observe the connection diagram at the end of these instructions. For self-installation make sure you have the right tools with you.
- Use your 4evice in such a way that you can always safely control your vehicle.
  In case doubt, stop at a suitable location and operate your device while the vehicle is parked.

  As the driver, you must not use the applications that will distract you from traffic (depending on the scope of functions of the device, e.g. viewing videos, searching for a destination) (Navigation equipped radios and other downloaded application)
- Follow driving recommendations 4uring the route guidance only if you are not violating any traffic regulations: Traffic signs and traffic regulations always have priority over driving recommendations.
- Always listen at moderate volume to protect your hearing and to be able to hear warning signals (e.g. police sirens and other external alerts while driving). During mute phases (e.g. when changing the audio source), changing the volume is not advisable. Do not increase the volume during this mute phase.

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Road safety

Observe the following notes about road safety:

- Before using this unit, please read all related instructions carefully.
- Any damage to this unit caused by improper operations will void the warranty.
- Please do not watch videos or use other Apps while the vehicle is in motion. Doing so, is a safety violation.
  To watch videos or use Apps, please ensure that the vehicle is in parked mode with handbrake activated.
- The below-listed applications while driving the vehicle may divert your attention from the traffic situation and may lead to serious accident:
  Using the navigation feature like entering the destination address
- Video playback or watching any kind of video
- Usage of internet via the browser
- Use or download of Google Play Store / Google Maps / YouTube is not permitted in the automotive environment
- You are advised to refrain from any activity which could possibly divert your attention while driving.
  The best way to use these applications is when your vehicle is parked in a safe location.
- To avoid short circuit, please do not dispose the unit into the water and please do not place or leave any kind of metal object (such as a coin or metal tools) in the unit.
- Please operate the unit as per this Manual, it is not allowed to open the unit for maintenance; In case if maintenance is required, please seek
- professional help.
  After the car engine is off, please do not use the car audio for a long time, otherwise, the battery could be drained.

Instructions to read this User Manual

Illustrations are used in this manual to explain operations and precautions. The illustrations used in this manual are only tor reference, please take the actual unit as standard.

Cleaning Notes

- Solvents, cleaning and scouring agents as well as dashboard spray and plastics care products may contain ingredients that will damage the surface & screen of the audio system.
- Use only a dry or slightly moistened cloth for cleaning the audio system.

Disposal notes

- Do not dispose of your old unit/batteries in the household trash.
- Use the return and collection systems available to dispose of the old device.

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1. Features and Functions

- High Definition TFT display with Capacitive Touch Screen.
- Android system, Smart phone connection support.
- AM/FM/RDS Radio with Auto Memory Store/Preset Scan.
- Built-in GPS receiver, compatible with Waze/Google Map etc
- Preset Multi EQ Settings, offering 16 preset sound effects.
- Built-in Bluetooth 5.0, supporting hands-free calls, phone book, and A2DP music streaming.
- Multimedia Player Compatibility with all formats.
- Back Camera input support. & support 360 Panorama.
- High-definition touch screen.
- 4 x SOW power output.
- Two rear USB inputs.
- Built in Wi-Fi & 4G Network
- Steering Wheel Control support.

2. Basic knowledge

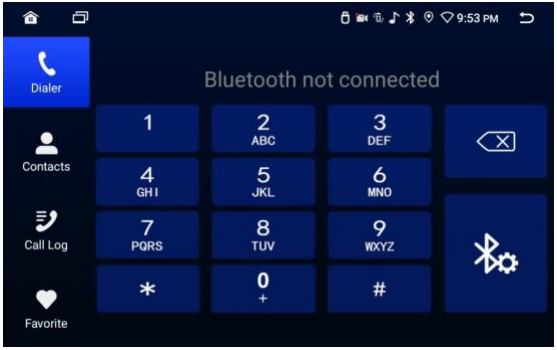
Main page introduction -in the main menu, press the buttons on the touchscreen to call up the different sources and operating modes.

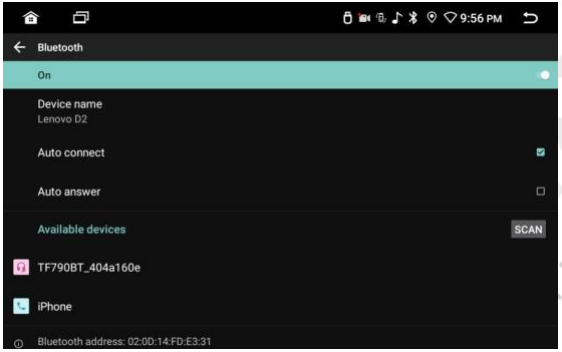


MIC	Microphone
RST	Restore to default factory settings of the device. Caution all personal setting will be lost
	Return to the main page
	View the background that has been opened
	Enter the DSP settings
	Enter the settings page
	Enter the secondary menu

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3. Bluetooth Connection





Press the [Bluetooth] icon to this page.

1.On the main interface of the Android system, click the [Bluetooth] icon to enter the Bluetooth settings page.

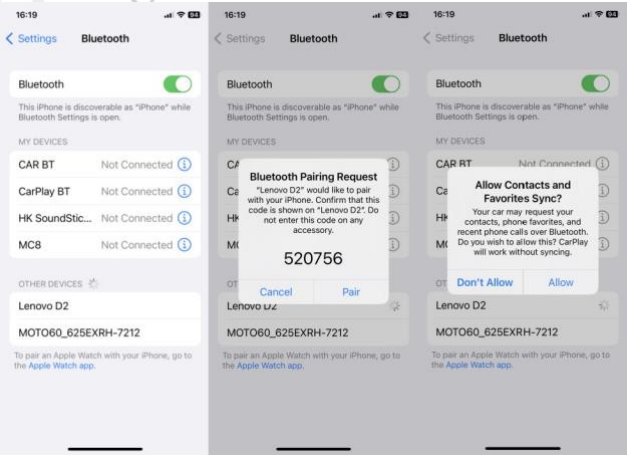
2.At the same time, make sure that the Bluetooth function of your smartphone Is turned on.0pen the Bluetooth settings on your phone and find and select the device named ”Lenovo D2” in the search results to pair.

Please follow these steps to ensure that your phone is successfully paired with the car navigation system and enjoy a seamless Bluetooth connection experience.

How to connect the Bluetooth

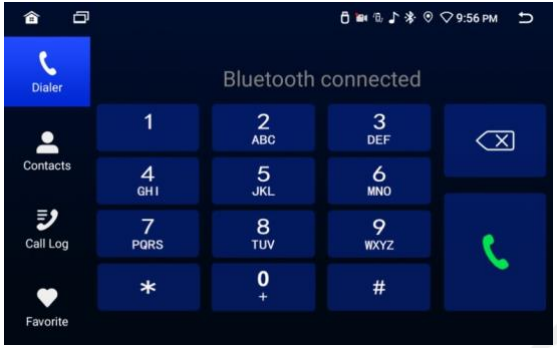
1. Turn on the Bluetooth function on your smartphone .

2 .Search the Bluetooth name ("Lenovo D2")from your smartphone. Then confirm the request on the smartphone.



3.1 BT-Phone

When a cell phone is paired with the car sound system, you can make phone calls with the built-in hands-free function. You can access the lists of dialed numbers and the phone book of the registered cell phone and you can play the music via the car sound system and control the playback.



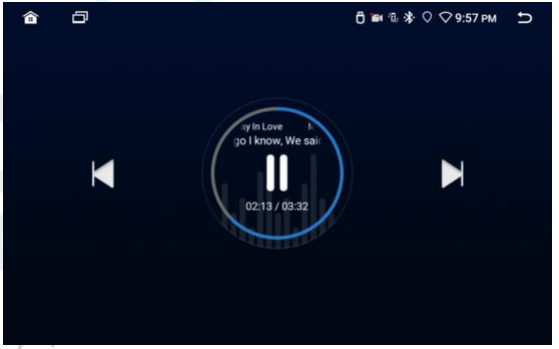
:The dial keypad.

:Call up phone book.

:Call up records lists.

3.2 BT Music

If an audio streaming device is connected with the car audio system via Bluetooth6,
you can play back the music via the car audio system and control the playback.
Press the [BT Music] button to change to playback audio.



:Previous track

[II/▶] :Pause playback and Resume playback

:Next track

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4. Intelligent vehicle interconnection

This unit features wireless Apple CarPlay and Android Auto.
CarPlay and Android Auto is a smarter, safer way to use your Phone while you drive. You can get directions, make calls, send and receive messages, and enjoy your favorite music. All on your car's head unit.

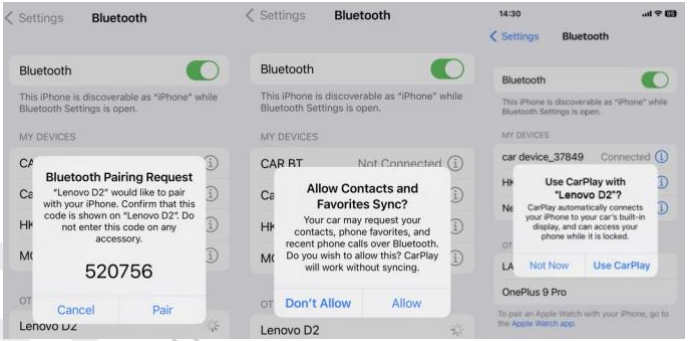
4.1 CarPlay

Apple CarPlay Operation

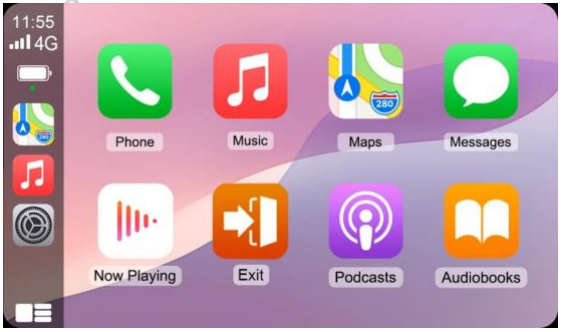
- Use of the Apple CarPlay logo means that a vehicle user interface meets Apple performance standards.
  Apple is not responsible for the operation of this vehicle or its compliance with safety and regulatory standards. Please note that the use of this product with iPhone, iPod, or iPad may affect wireless performance.
- Apple and iPhone are trademarks of Apple Inc., registered in the U.S. and other countries.
  Apple CarPlay is a trademark of Apple Inc.
- Apple CarPlay is the smarter, safer way to use iPhone in your car.
  Apple CarPlay seamlessly integrates your iPhone with the car's built-in display and controls. Now you can make phone calls, access your music, send and receive messages get directions, and more while you stay focused on the road.

Connection steps:

Click [ ]icon to enter the connection management page.
1. Turn on the Bluetooth and Wi-Fi function on your smartphone
2. Search the Bluetooth name[Lenovo D2]from your smartphone.
3.Click[Lenovo D2]and confirm the request on the smartphone then click to: Use CarPlay



The CarPlay screen will display ：



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Note:
1. Requires iPhone running i0S 10 or newer versions.
2. If you want to switch to Android Auto or another phone, you need to turn off Bluetooth and WiFi on your phone to disconnect the Apple CarPlay connection mode.

4.2 Android Auto

Android Auto enables you to use functions of your Android device convenient for driving. You can easily access route guidance, make calls, listen to music, and access convenient functions on the Android device while driving.
For details about Android Auto, visit:
https://www.android.com/auto/.

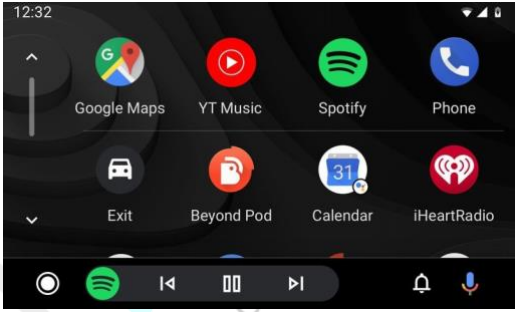
Compatible Android devices
You can use Android Auto with Android devices of Android version 11 or newer with 5GHz WiFi built-in.

IJ0TE:Android Auto may not be available on all devices and is not available in all countries or regions.

Connection steps:

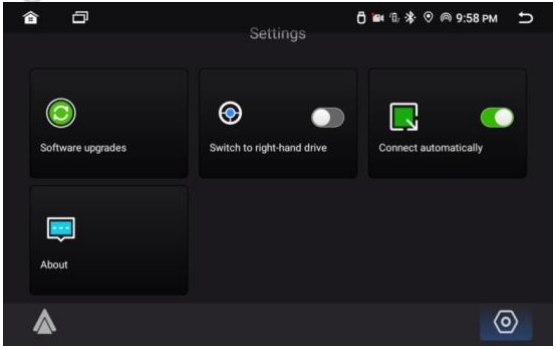
Click [ ] icon to enter the connection management page.
1. Turn on the Bluetooth and Wi-Fi function on your smartphone.
2. Search the Bluetooth name [Lenovo D2]from your smartphone.
Then click to pair on the smartphone.

The Android Auto screen will display :



Note:
1. Requires phone running Android 11 or newer versions.
2. If you want to switch to CarPlay or another phone, you need to turn off Bluetooth and WiFi on your phone and disconnect from Android Auto connection mode.

4.3 Connect Manage Selling



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Software upgrades: You can update the software when you are connected to the Internet.
Switch to right-hand drive: When turned on, you can switch to right-hand drive mode; when turned off, it will default to left-hand drive mode.
Connect **automatically:[Turn** On]: After connecting to CarPlay or Android Auto for the first time, it will automatically connect. [Turn Off]: You need to manually connect to CarPlay or Android Auto again.
About: Here you can check the software version.

Note: Android Auto setting is similar to CarPlay.

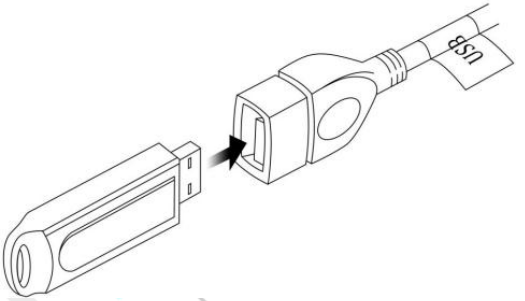
5. USB media playback

The car audio system is equipped with USB ports to play MP3 or WMA files on USB data carriers.
In addition, you can view movies and images from USB data carriers on the display or a connected monitor.

For safety reasons, it is recommended that the vehicle is in parking mode with the parking brake applied before playing movies and images on the integrated display.

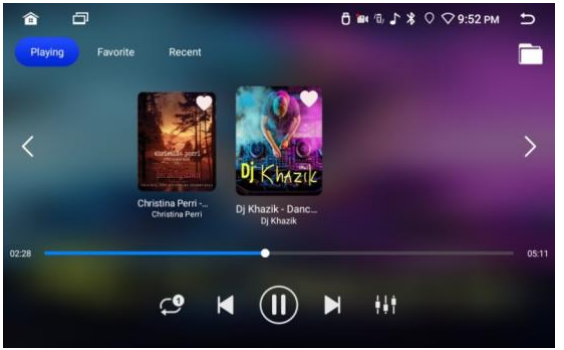
Notes: We cannot guarantee that all USB drives are compatible with this car audio system.

USB data carrier
This device features 2 USB ports at the rear of the device.
Connecting a USB 4ata carrier
• Insert the USB data carrier in the USB socket.
The device automatically switches to USB mode. Data is read and playback commences.



5.1 USB-Audio playback

Select the [Music] source via the main menu.



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:Repeats all the current track.

:Repeat play.

:Random play.

:Previous track.

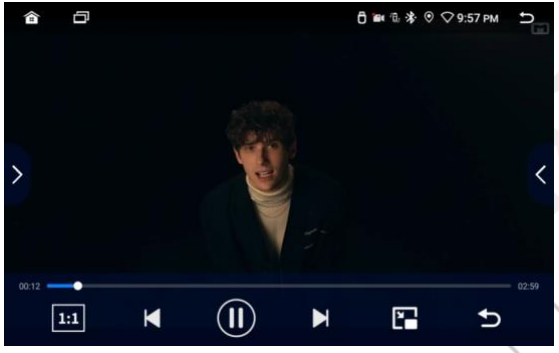
:Pause playback and Resume playback.

:Next track.

:Enter to the EQ settings.

5.2 USB-Video playback

Select [Video] source via the main menu.



:Aspect ratio.

:Previous chapter.

:Pause playback and Resume playback.

:Next chapter.

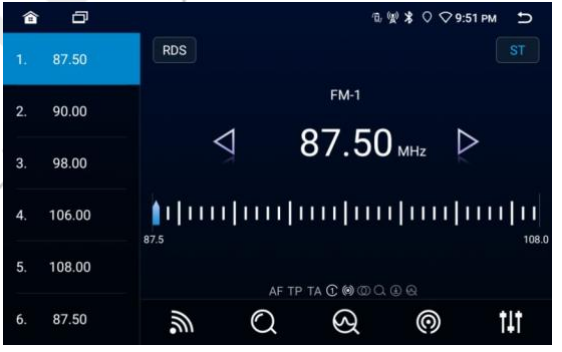
:Play in a small window.

:Back to main page.

:Display the folder/file list.

6. Radio

In the main menu, press the[ ]icon. The radio playback menu is displayed. Most functions can be controlled from the source control screen.



Users can save your favorite channels on the left bar, by pressing and holding for 3 seconds to save.

:Press for manual frequency search backward.

:Press for manual frequency search forward.

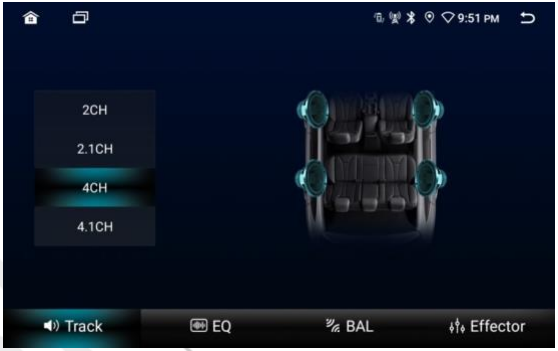
:Switch the radio band from FM1/FM2/FM3/AM1/AM2.

:Search and storage the nearby channels automatically.

:Browse and listen to the nearby stations.

:Automatically search and store nearby channels.

:Adjust the EQ sound effect.



7. DSP Setting

This car head unit provides a wealth of sound adjustment options, in conjunction with the relevant amplifier equipment for better results.

7.1 Track

Supports multi-channel audio output configuration, which can switch between stereo (2CH), 2.1 channels with subwoofer, four channels (4CH) or four channels plus subwoofer (4.1CH) to meet the needs of different sound systems.

7.2 Equalizer

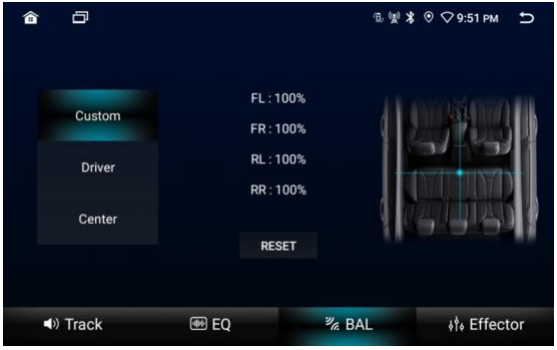
We provides 16 bands EQ adjustment options. What's more, you can adjust the Q and FC values directly.
The adjustable range of each frequency:-15-15.



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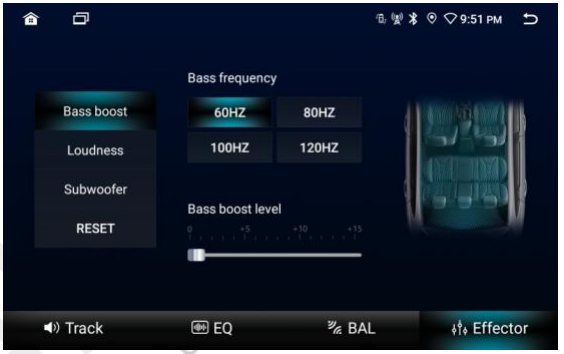
7.3 Balance

Here is the fader and balance adjustment, you can select and Standard, Main driving, full car mode.



7.4 Effector

User can use Bass Boost to enhance low frequencies, Loudness to compensate for volume, and Subwoofer to output low frequencies, so you can enjoy the car audio experience.



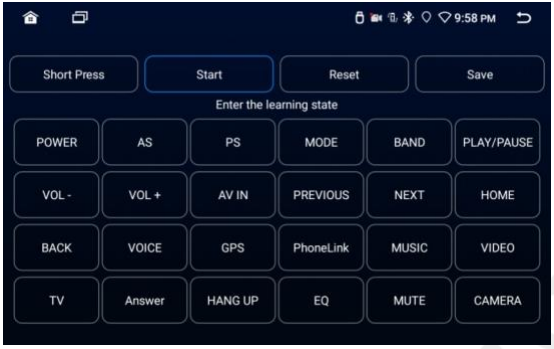
Bass Boost: Users can select the center frequency of the low-end to be enhanced.
Frequency options: 60Hz/ 80Hz/ 100Hz/ 120Hz. Bass boost level:0-15.
Loudness: Increase the intensity of loudness compensation.
Loudness adjustment: 0-15.
Subwoofer: Controls the subwoofer volume, enhancing the impact of ultra-low frequencies.
Freq: ALL-160.
Gain: 0-30.
Reset: Restore all settings to default values for quick and easy reset.

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8. Steering Wheel Control

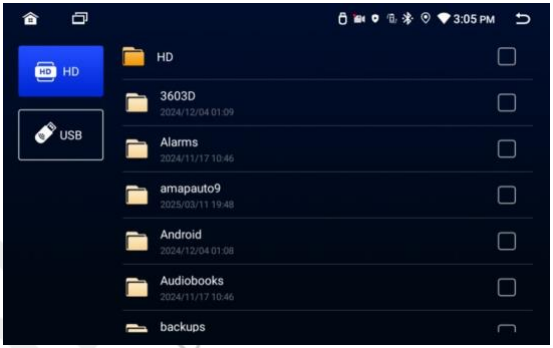
Select [SWC] in the Settings menu to enter SWC setting menu.

- Select a function icon on the screen.
- Short/ Long press a steering wheel button.
- Repeat step 1 and 2 until all the settings are done.
- Touch [Save and Exit] after all buttons are set.
- To reset the programming, touch [Reset]



9. File Manager

Select [File manager] in the main menu to enter File Manager menu.
Select the desired folder to access your files



10.360 Panorama System

Click [AVM]to enter the 360 panoramic view, or you can set to Starting engine to automatically enter the 360 panorama system.

3D Mode Interface



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3D :Click this icon to switch to 3D mode.

:Front view, Click to display the front view of the vehicle and click again to correct the projection to display the dead ahead view of the vehicle.

:Rear view, Click to display the rear view of the vehicle and click a0ain to correct the projection to display the dead astern view of the vehicle.

:Left view , press the left cameras to view the surroundings that near the front and rear tyres.

:Right view , press the right cameras to view the surroundings that near the front and rear tyres.

:Left/Right Rear View: Press the left/right rear camera to view the environment near the front and rear tires.

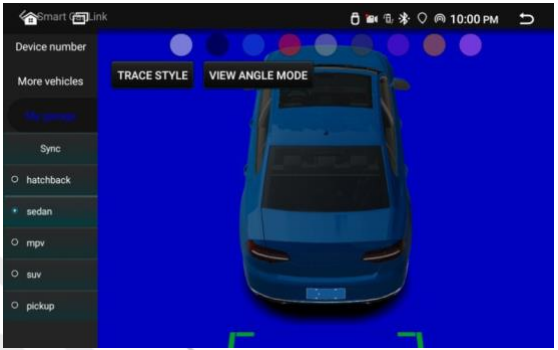
:Left-Right Front View: Press the left/right front camera to view the environment near the front and rear tires.

:Users can view the panoramic horizontal viewing angle range and the horizontal width of the viewable area.

:Click to enter the settings interface, where you can configure Smart Car Link, Video List, Splicing Settings, Panorama Settings, and Brightness.

360 Panorama Setting

Smart Car Link: Users can select their preferred color and car model, also can adjust the brightness and shininess.



Video List: Users can view recorded 360° panoramic videos here.
Splicing Settings: Splicing settings are for installation only. Please contact the dealer to obtain the password.
Note: Do not modify it at will, as this may cause the device to malfunction.
Panorama Settings: Here provides the basic settings for the 360° Panoramic View, which can be adjusted according to your personal preferences.
Brightness: Here provides users with brightness adjustment: 0-127.

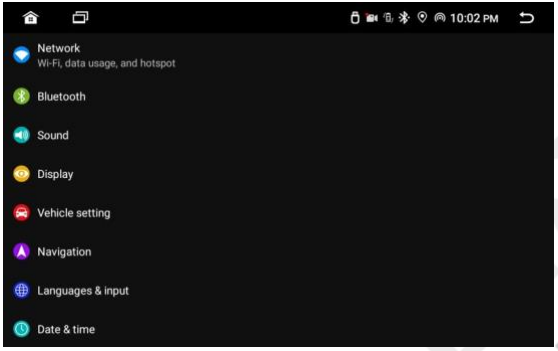
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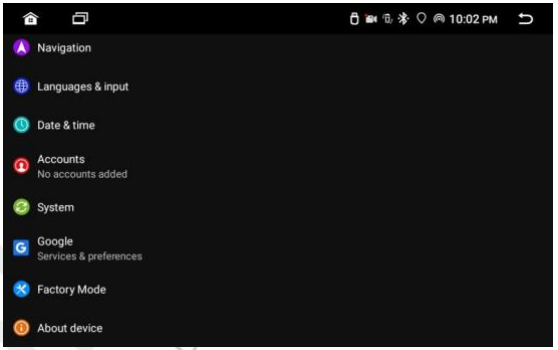
11. Setting

In the settings menu, you can adjust the basic settings for the different functions of the device to your requirements.

- In the main menu, press the [Settings] button.
  The settings menu is displayed.
- Call up the sub menus with the buttons in the lower area of the settings menu.

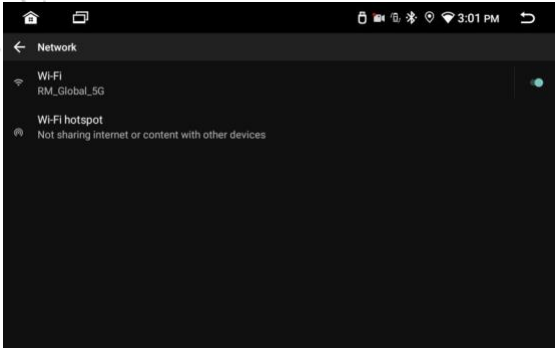
Important Note: Please exercise caution when adjusting certain settings, as unauthorized changes may result in unit malfunction. For assistance with advanced configurations or to ensure proper operation, it is highly recommended that you consult with your authorized Lenovo dealer for guidance and support.

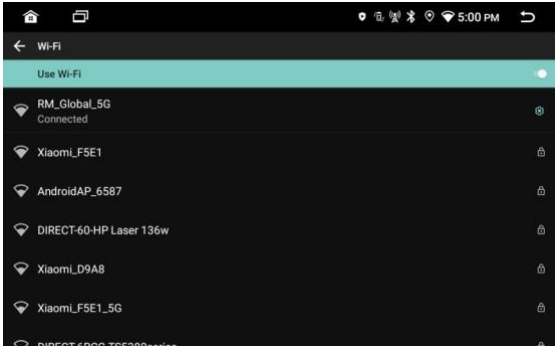




11.1 Network

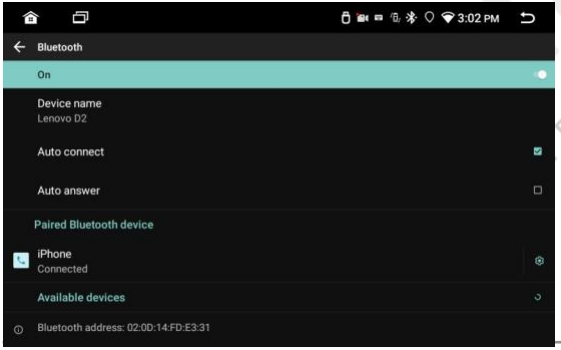
Users can connect to a wireless network by enabling the WiFi option, and you can also activate the WiFi hotspot feature.





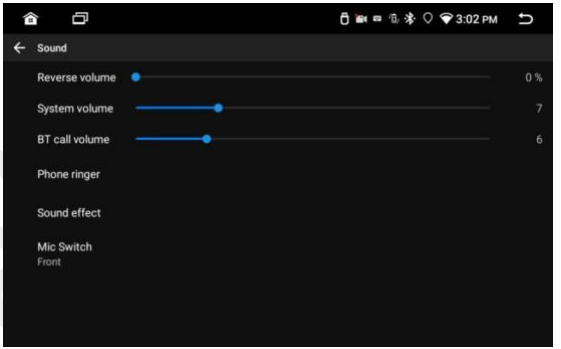
11.2 Bluetooth

Users can manage your Bluetooth devices here.
To deactivate the Bluetooth feature, turn off the "0n" option if you want to turn off the Bluetooth feature. You can also adjust the settings for auto-connect and auto-answer here.



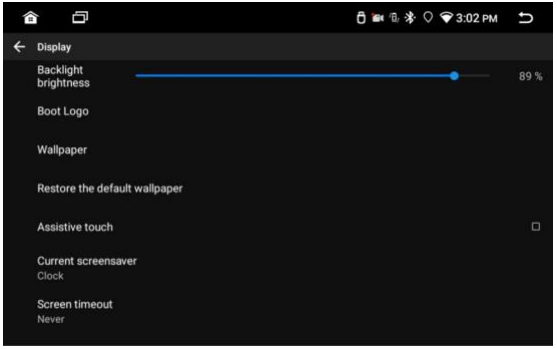
11.3 Sound

User can option to adjust the audio volume to your personal preference, ensuring an optimal listening experience.



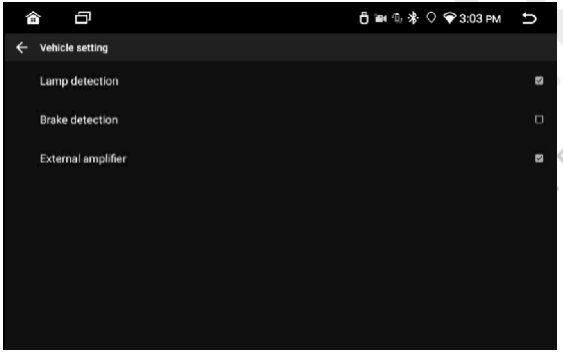
11.4 Display

User can capability to customize your display by adjusting the screen brightness for optimal visibility.
Additionally, you can personalize your interface by selecting a new wallpaper and setting a custom boot logo to enhance the aesthetic of your device upon startup.



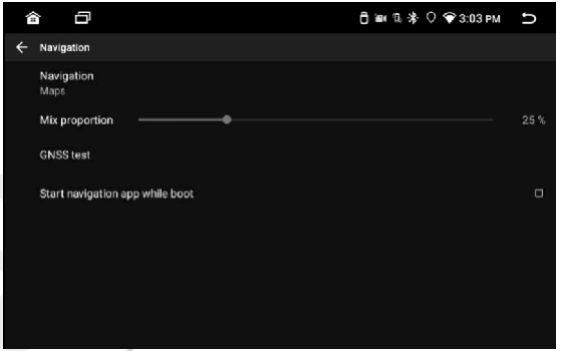
11.5 Vehicle setting

User can activate various vehicle-related features, including lamp detection for automatic lighting control, brake detection for safety enhancements, and the use of an external amplifier for improved audio performance.



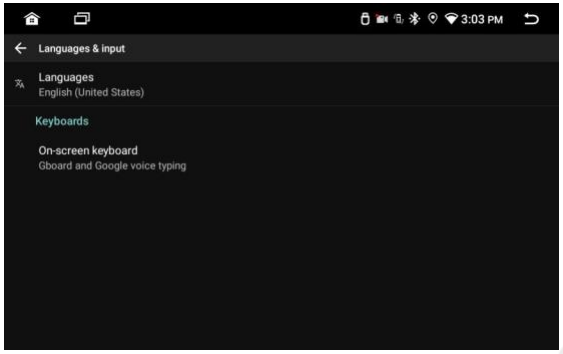
11.6 Navigation

Users can choose the corresponding navigation software as their default app.



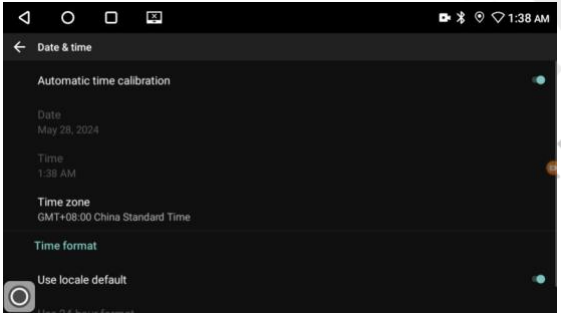
11.7 Languages & input

User can change the language or add more languages.



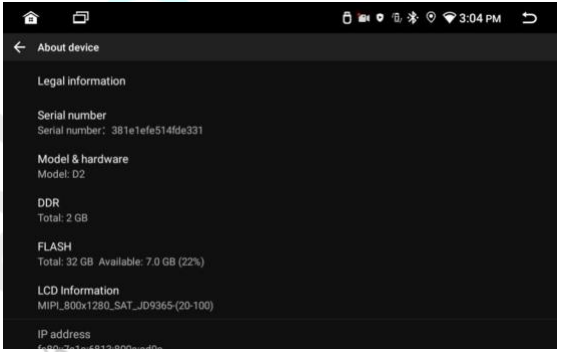
11.8 Date & time

User can modify the date and time here as needed.



11.9 About device

User can view detailed information about your device, including the current unit head version and additional pertinent data. Provide this page to your dealer if you need help.



12. Troubleshooting

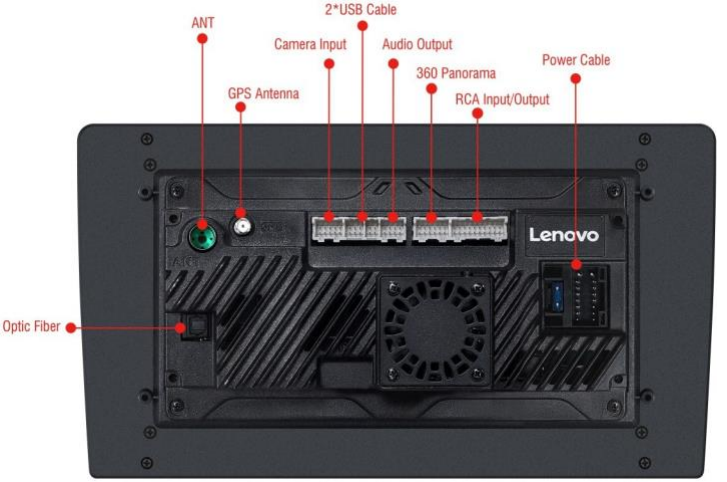
If the following faults have been eliminated and the problem still occurs, please contact your dealer.

Problem	Cause	Corrective action
General		
Unit can not power on	Unit fuse blown.	Install new with correct rating.
	Car battery fuse blown.	Install new with correct rating.
	Illegal operation	Reset the unit.
No/low audio output	Improper audio output connection.	Check wiring and correct.
	Volume set too low.	Increase volume level.
	Speakers damaged.	Replace speakers.
	Heavily biased volume balance.	Adjust the channel balance to center position.
	Speaker wiring is in contact with metal part of car.	Insulate all speaker wiring connections.
Poor sound quality or distortion	Speaker power rating does not match unit.	Replace speakers.
	Wrong connections.	Check wiring and correct.
	Speaker is shorted.	Check wiring and correct.
Unit resets itself when engine is off	Incorrect connection between ACC and BATT	Check wiring and correct.
TFT monitor		
Warning information is shown at all times	Parking break wiring is not correct.	Check wiring and correct.
Flashing image or interference appears on screen	Video cable damaged.	Replace cables.
	Improper video signal connections.	Check wiring and correct.

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13. Installation Diagram

1	Ground	9	Front Right Speaker-
2	Car Battery 12V	10	Rear Left Speaker -
3	ACC, ignition wire	11	Front Right Speaker +
4	Front Light Signal fire	12	Rear Left Speaker +
5	Reverse Gear Signal Wire	13	Front Left Speaker -
6	SWC2+	14	Rear Right Speaker +
7	SWC1+	1s	Front Left Speaker +
8	Auto ANT Power	16	Rear Right Speaker -



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