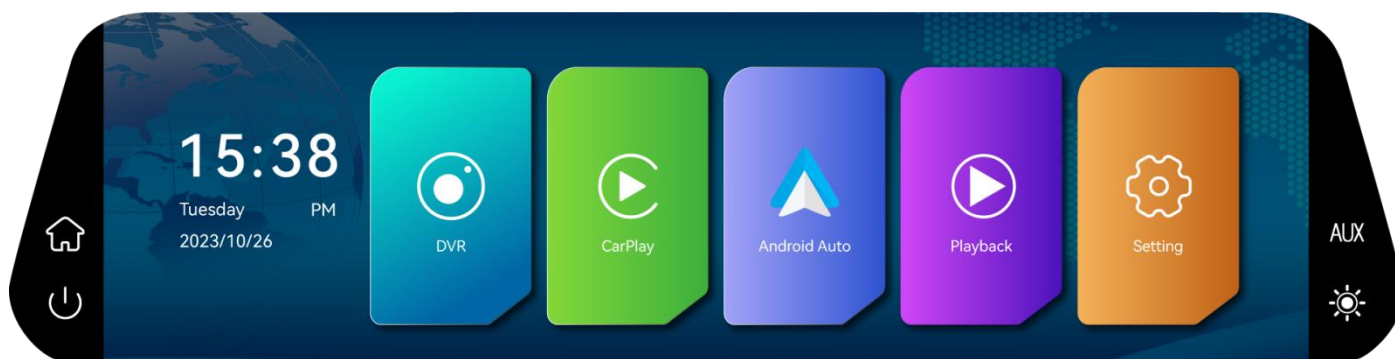


User Manual



Function introduction

A. Time and Date:

Displays the current time and date

Note: Carplay can automatically synchronize the time and date on the phone after connecting, Android auto needs to enter the Settings to manually calibrate the time and date

B. Home button:



Click this button to enter the main interface.

C. Brightness button:



Click to adjust screen brightness



Turn on the brightness automatic adjustment, the brightness of the screen of the machine will automatically adjust according to the brightness of the surrounding environment



Turn off automatic brightness adjustment. You can adjust the brightness of the screen by sliding the white progress bar in the middle.

D. Volume button:

Click to adjust the volume

After selecting a different mode, the volume icon will change to the corresponding icon

For example: BT  AUX  Speaker  FM 

E. Screen switch



Click on the screen on the main page to turn off the screen backlight, click anywhere on the screen again to turn on the screen switch, or press the on key on the machine to turn on or off the screen backlight.

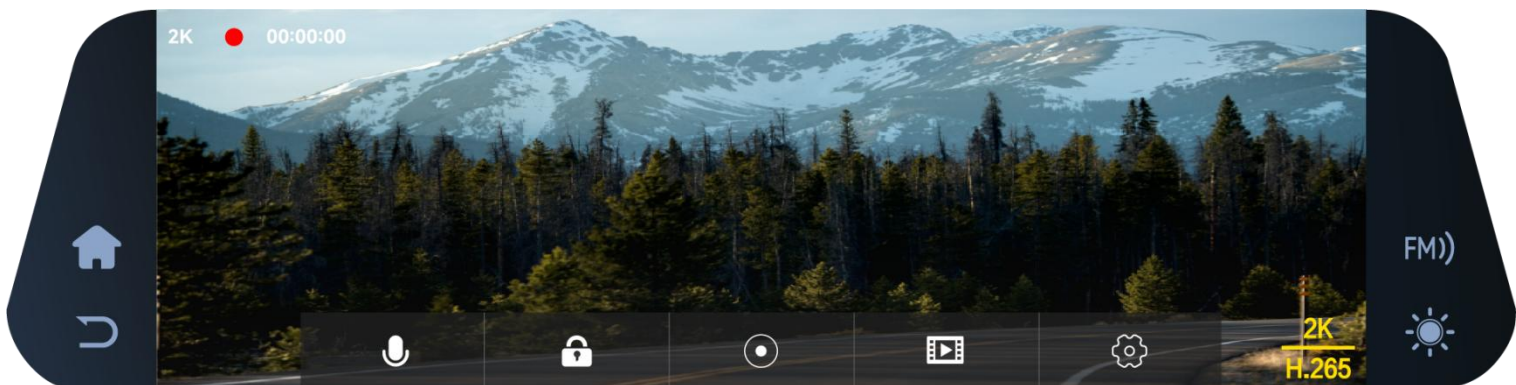


Click this button to return to the previous screen

F. DVR

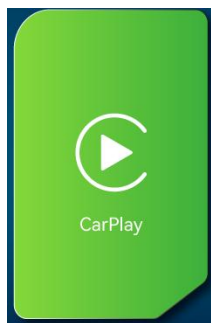


As shown in the picture above, the main page will not display the camera image, you need to click the Dvr button to view the camera image. When a card is inserted, the system automatically enters the video mode, and when recorded, the small red dots in the [Driving Monitoring] button will flash.



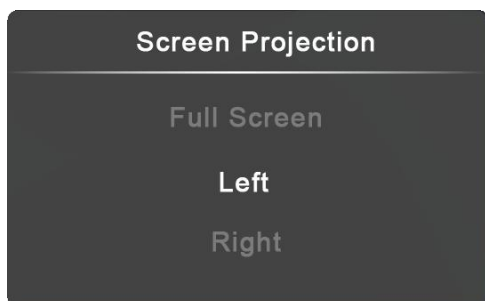
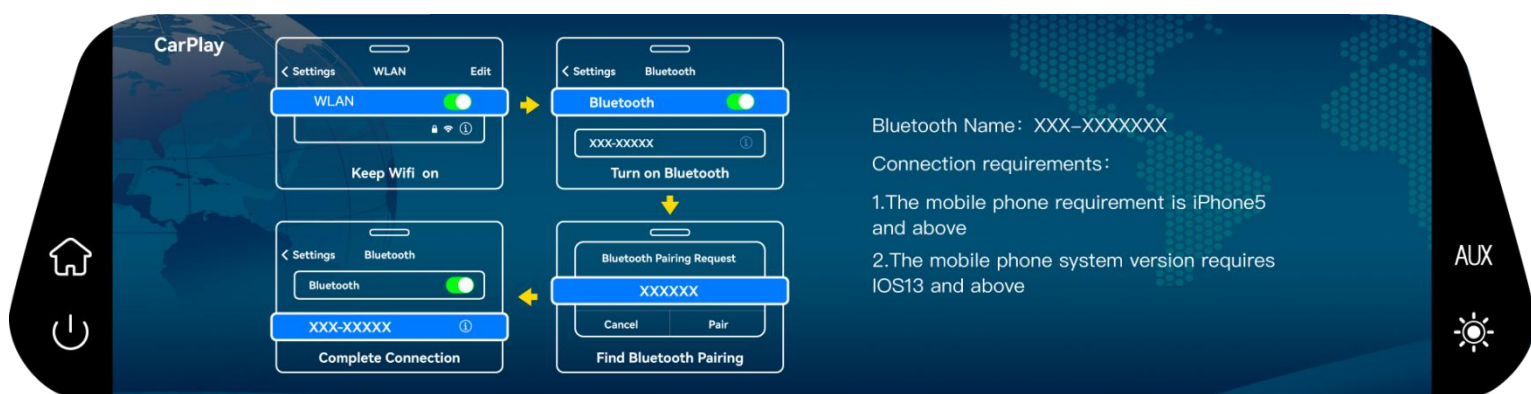
	Turn recording sound on or off.
	Lock the video for a few minutes and the data will not be deleted.
	Start recording and click Close recording again.
	View playback video.
	Click here to switch to the settings interface.


G. CarPlay



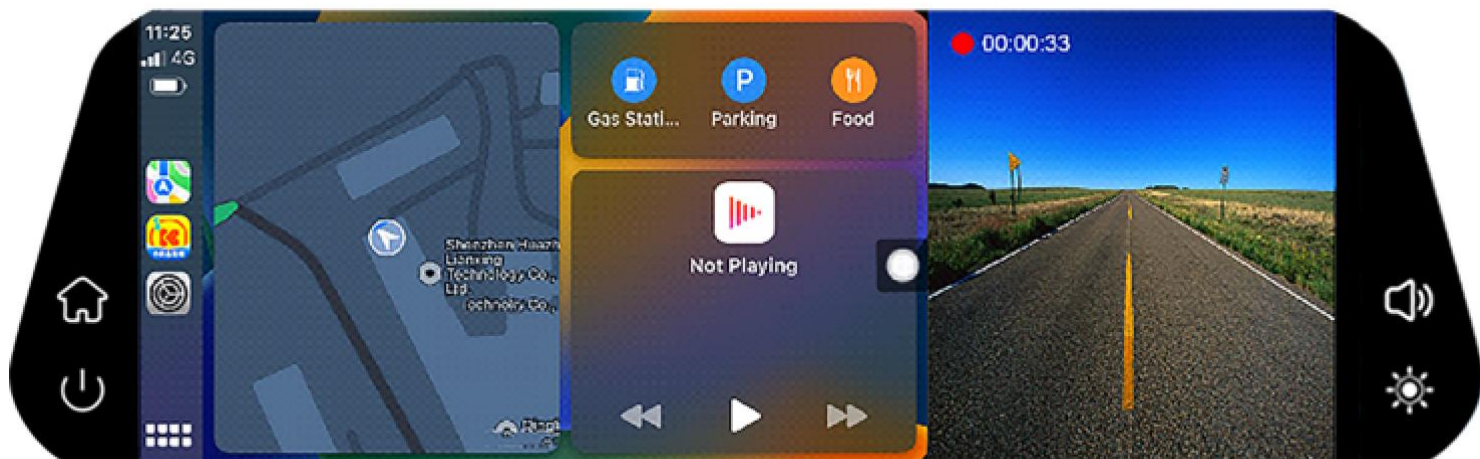
As shown in the figure above, click the [Apple CarPlay] button to enter the Apple CarPlay and Android Auto selection, click the [Bluetooth Management] option of the interface, and connect to Bluetooth with the mobile phone, you can open the application. When the machine is powered on, it will try to automatically connect to the last connected phone.

(Turn off Wi-Fi button to disconnect. the Apple Carplay option only supports iPhones, Turn off the phone Wi-Fi button to disconnect)



In the setting interface,  click split screen display to select full screen, left and right

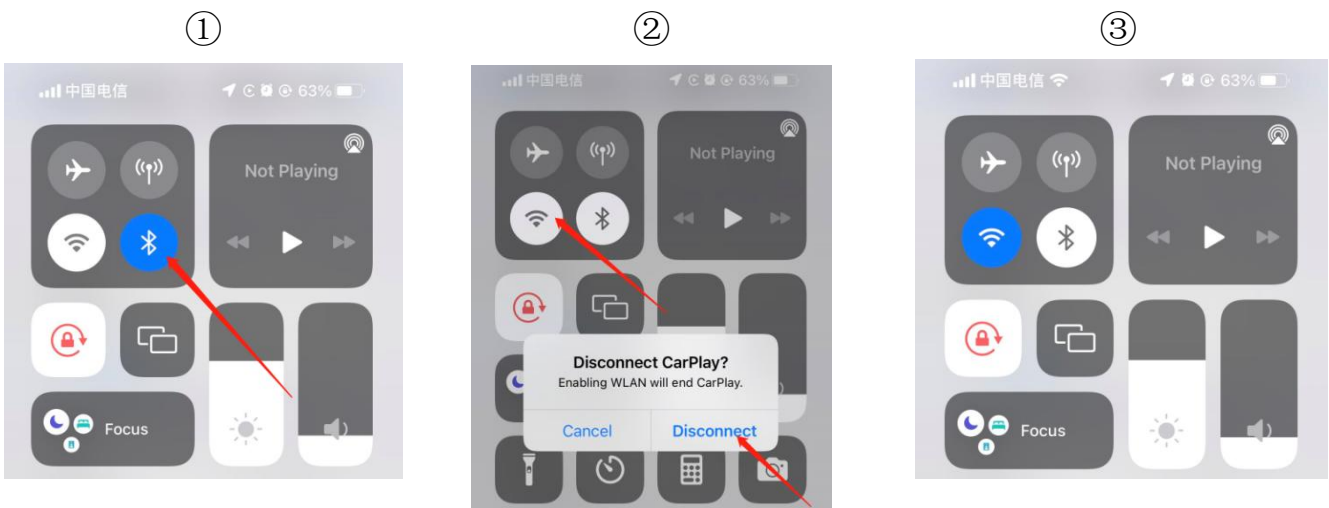
(Half screen mode)



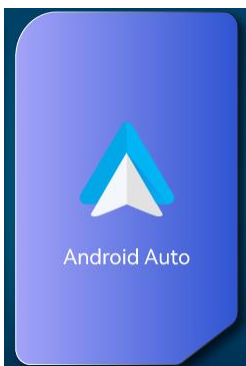
(Full screen mode)



Note: In the drop-down menu of the mobile phone, you need to click to turn off Bluetooth first, and then click the Turn off WiFi button to disconnect. Just turn off the WiFi button alone, and the car will keep trying to reconnect



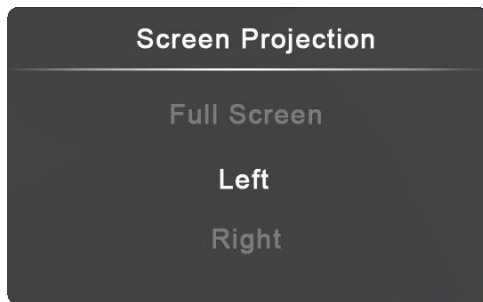
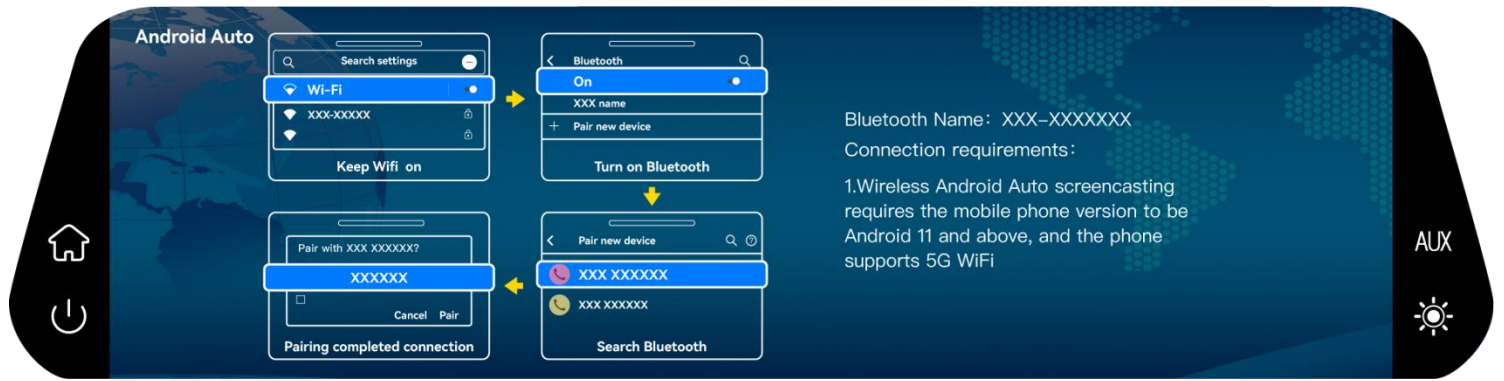
H. Andorid Auto




Turn on the Wi-Fi and Bluetooth of the mobile phone first, then select the [Android Auto] option, click the [BT Manage] option of the interface, connect Bluetooth with the phone, you can open the application.

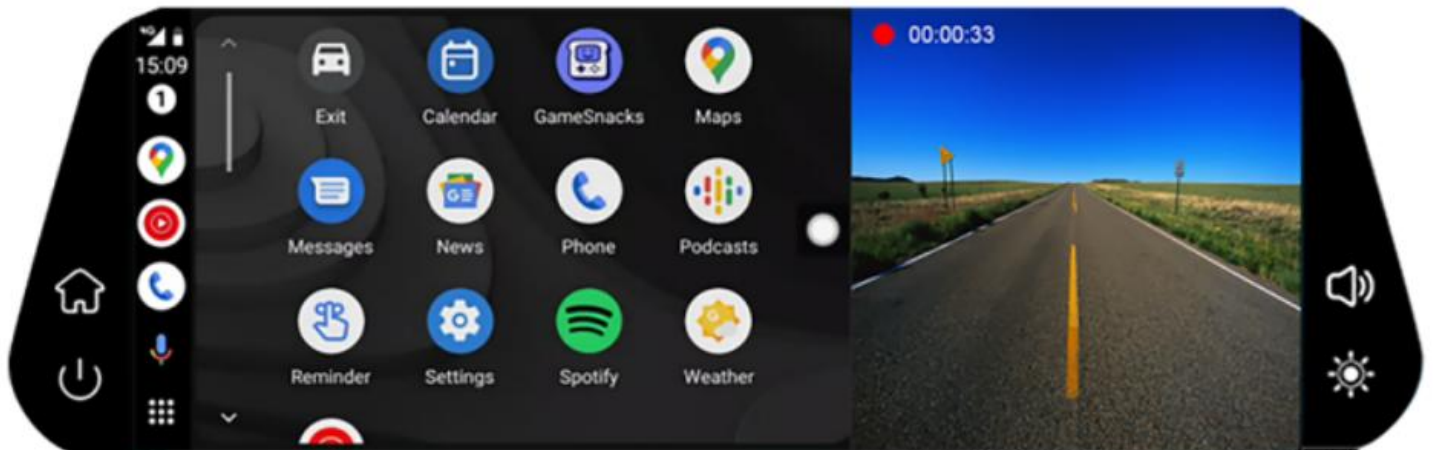
(Turn off Wi-Fi button to disconnect)

After replacing the mobile phone, the connection data of the previous mobile phone will be erased.

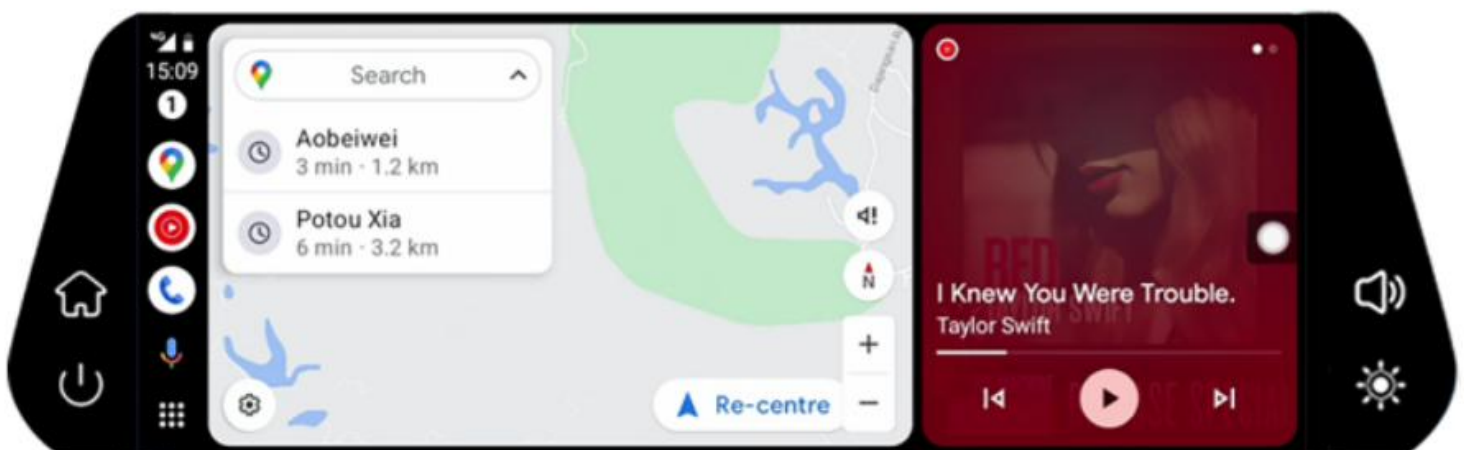


In the setting interface,  click split screen display to select full screen, left and right

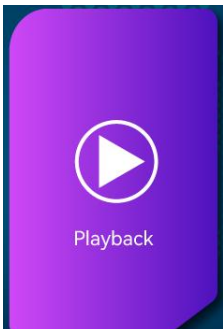
(Half screen mode)



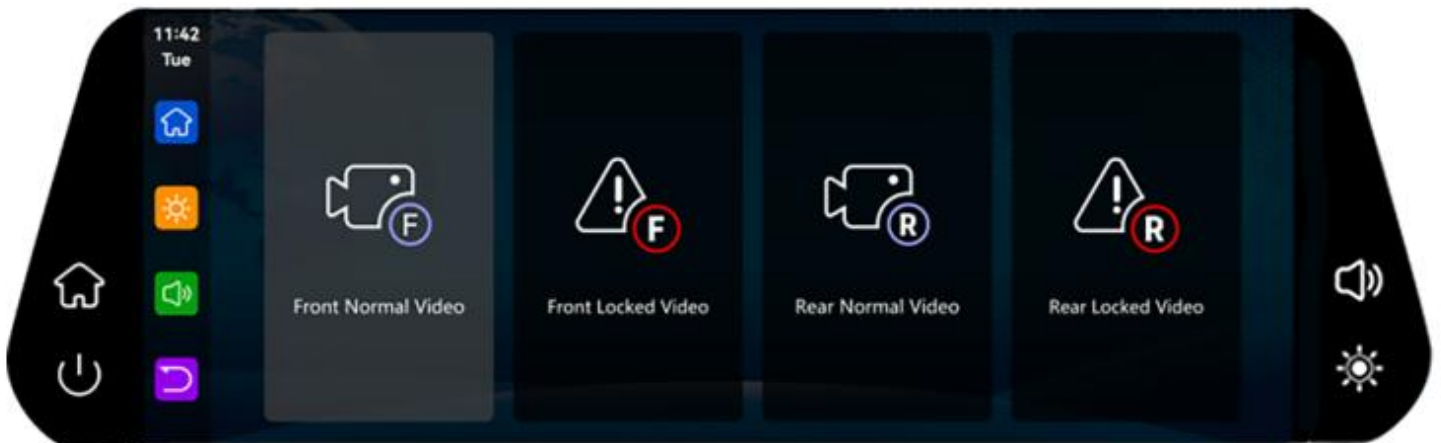
(Full screen mode)



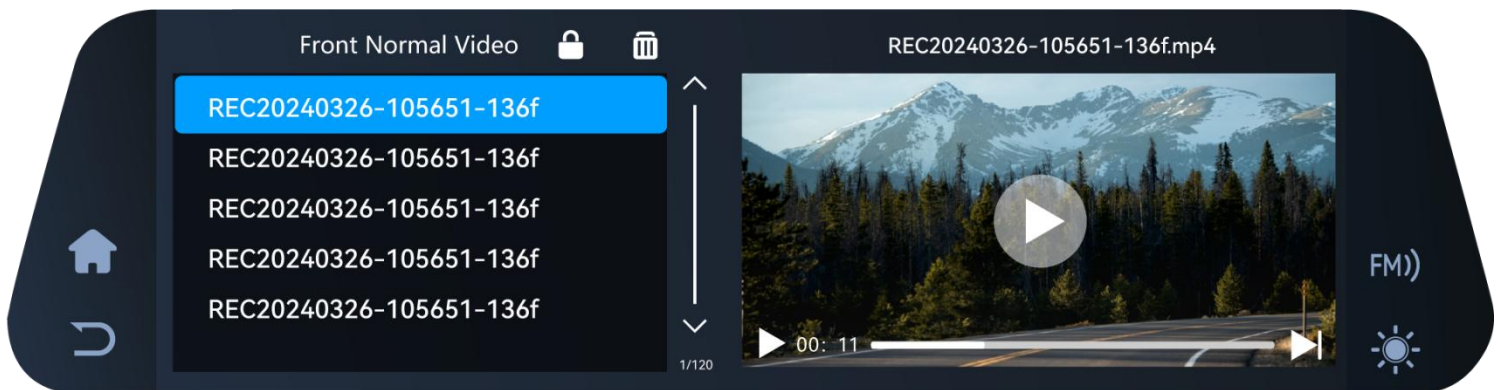
I. Playback



As shown above, click the [Playback] button to enter the video playback interface.



Click the [Delete] button to delete the material.



Click to play or pause the video.



Click or drag the progress bar to fast forward or rewind the video file



Click to switch to the next video

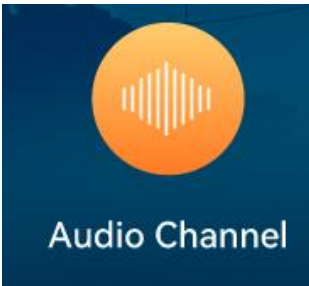


Click lock or unlock the video file, you can select the current file or all files to lock or unlock the file.



Click Delete video file confirm to delete the video file, you can choose to delete the current file or all files.

J. Audio output



As shown in the figure, click the [Audio Output] button to enter the audio output selection interface.

Car audio output: Click to enter, four options (speaker, BT, FM, AUX) can be selected.

1. BT

【 BT 】 : Select this mode, and then connect to 【 Apple CarPlay 】 or 【 Android Auto 】 to cast the screen, you can use the phone's Bluetooth to directly connect to the original car's Bluetooth. After the connection is successful, all sounds from the device will be transmitted to the original car speakers via Bluetooth.

After selecting this mode, the volume icon will change to the Bluetooth transmission icon

【 BT 】 Select this mode Click 【 OK 】 to confirm switching from other sound output mode to BT output or switching from BT output mode to other sound output mode when connecting

【 Apple CarPlay 】 or 【 Android Auto 】 Auto will be briefly disconnected before reconnecting, and the volume cannot be adjusted on this device, so the volume must be adjusted on the original car.



Requirements:

1. The car supports Bluetooth.
2. Only iPhone and Android Auto enabled phones are supported Advantages of BT for Carplay feature:

In this mode, the user does not need to set the audio output channel on the mobile phone to the original car Bluetooth device every time after getting in the car. The sound is directly

sent from the mobile phone to the Bluetooth of the original car, and you can enjoy the sound quality of the original car.

BT for Carplay usage steps:

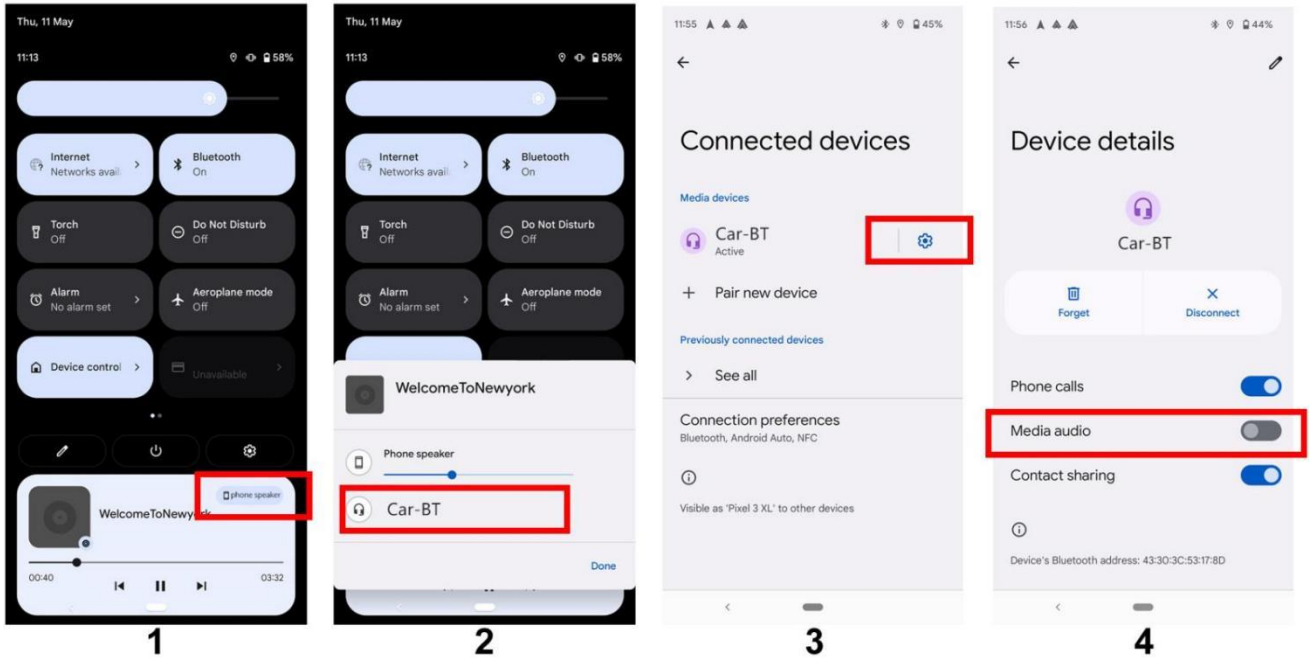
- ① Select **【BT for carplay/Auto】** mode in [Audio Channel] on the smart screen.
- ② Connect to Apple Carplay or Android Auto mode with your phone.
- ③ Connect the Bluetooth of the original car with the Bluetooth of the mobile phone.

After completing the above 3 steps, the audio or call data can be played from the original car stereo.

Other instructions:

After completing the above three steps on the Android phone, if the music is still playing from the phone, you need to open the phone status bar and switch the audio output channel to the car Bluetooth playback, as shown in Figure 1 and Figure 2:

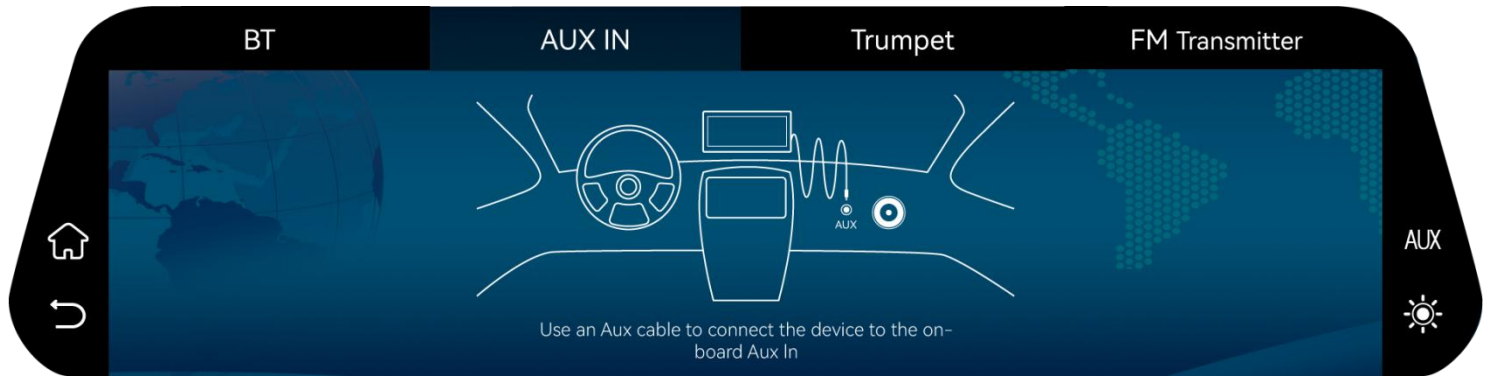
Alternatively, in the Bluetooth settings of the phone, locate the Bluetooth device that was previously connected to Android Auto: T93-XXXXXX (not the original car Bluetooth device), click the settings button on the right side of the Bluetooth, and close the [Media Audio] button, as shown in Figures 3 and 4:



2. AUX IN

【AUX IN】 : After selecting this mode, the AUX output mode will be turned on by default.

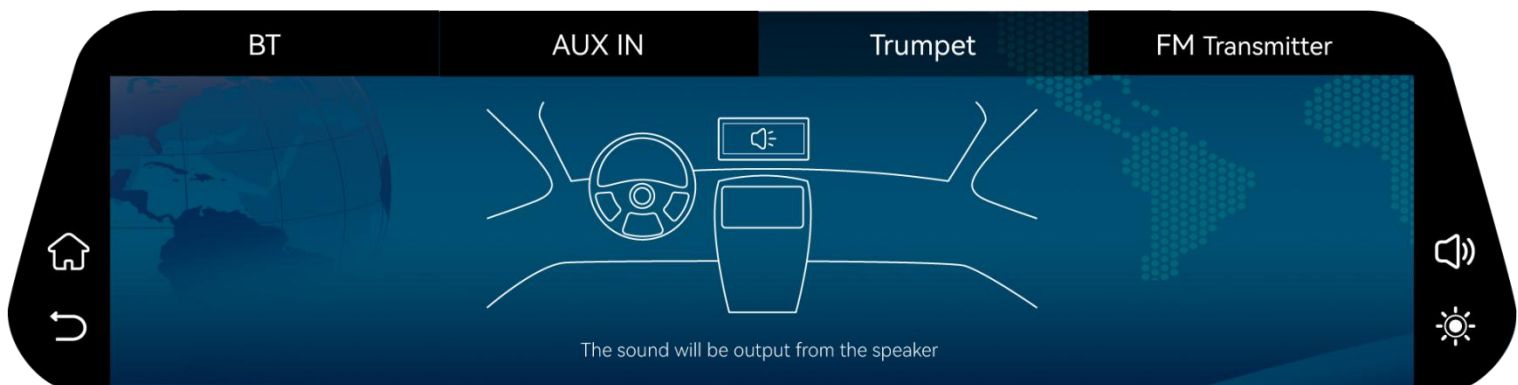
Use the AUX sound source cable to connect the smart screen to the original car. After the connection is successful, all the sounds of the device will be transmitted to the original car speakers through the AUX sound source cable for playback.



After selecting this mode, the volume icon will change to the AUX output icon **【 OK 】** , and the volume cannot be adjusted on this device, so the volume must be adjusted on the original car.

3.Loudspeaker

【 loudspeaker 】 Select this mode and click **【 OK 】** button to confirm.



【Loudspeaker】 : The sound will be played from the speaker of the smart screen.

4.FM Transmitter

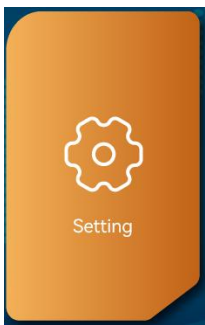
After selecting this mode, click **【 OK 】** button to confirm .the FM transmission mode will be turned on by default. For example, if the device's FM transmit band is tuned to FM 93.3 MHz (any unoccupied channel can be used), the car radio will also tune its receive band to the same FM 93.3 Hz. After the connection is successful, all the sounds of the device will be transmitted to the original car speakers through FM transmission.

After selecting this mode, the volume icon will change to an FM transmission icon **【 FM 】** , and the volume cannot be adjusted on this device, so the volume must be adjusted on the original car.

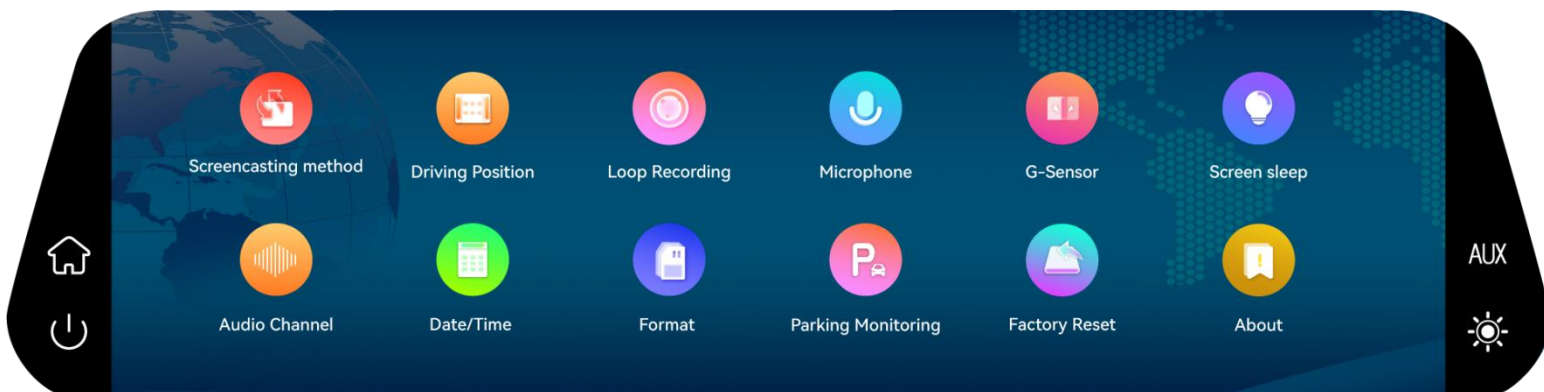
(Not using the original power cord may result in deterioration of the FM transmission signal or loss of function.)













K. Setting




As shown in the figure, click this button to enter the setting interface.



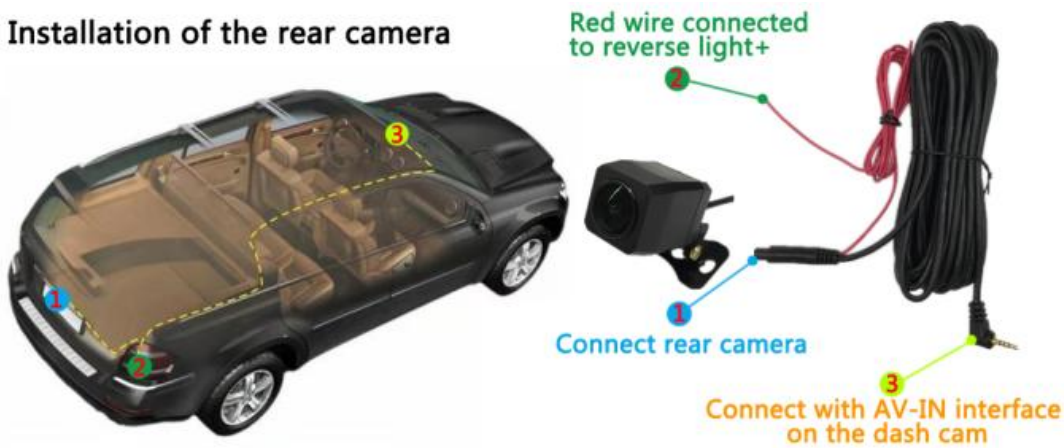
Setting menu details		
Menu function	Menu ICONS	Operation function
Screen Projection		You can choose to display the left, right and full screen projection screen. When switching projection mode, Carplay or Android Auto will be briefly disconnected and then reconnected.

Loop Recording		In the menu setting interface, users can choose the editing time of the movie by themselves, which supports 1 minute, 2 minutes, Three modes in minutes
Microphone		In the menu setting interface, operate this button to turn on or off the recording function
G-sensor		Built-in collision sensor (G-sensor), if a serious collision occurs, the recorder will lock the accident At the same time, the icon at the bottom of the display will automatically change to lock; Be locked in Is saved as a special file that will not be overwritten by the loop. Gravity sensor (G-sensor) supports high, medium, low, close four sensitivity adjustment, according to the real You need to change the Settings by yourself in the Settings menu
Screen Saver		In the menu setting interface, the user can choose the screen sleep function, the machine supports sleep close, 30 seconds, The four modes are 60 seconds and 180 seconds
Date/Time		In the menu setting interface, the user can click on the date clock to set, adjust the date and time, and finally Press the "OK" button in the bottom right corner to exit Note: In order to effectively record the date and time of the evidence collection of the driving safety accident, please use this machine before Set the correct time instantly
Format TF Card		In the menu setting interface, click the operation button, TF card format, there will be a pop-up window, point The "OK" button will format the action
Factory Reset		In the menu Settings interface, click the operation button, a popup will appear, prompting "Restore factory Settings Will delete the usage and revert all Settings to factory status ", click the "OK" button to revert Return factory setup operation
About		This item mainly displays firmware version information, including software time and other information, and cannot be set by users.
Audio Channel		Car audio output: Click to enter, four options (speaker, BT, FM, AUX) can be selected.

<p>Parking Monitoring</p>		<p>Turn on or off, default off Turn on the parking mode in the menu, the recorder is vibrated when it is off, the recorder can sense according to the G-SENSOR, automatically start the machine and record for 30 seconds, and then shut down. When the parking mode is not turned on, the recorder will not turn on when it is shaken.</p>
---------------------------	---	---

1.Wiring and installation of rear pull camera

Installation of the rear camera



The installation method of the rear camera is different according to the installation position. Please confirm the installation position before selecting the appropriate installation method.

After confirming the installation position, clean up the oil and dust on the surface of the installation position. If the sticking is not firm, the rear camera may fall off during driving.

It is recommended that the rear camera is installed outside the car for better results. This camera is waterproof, so you don't need to worry about it.

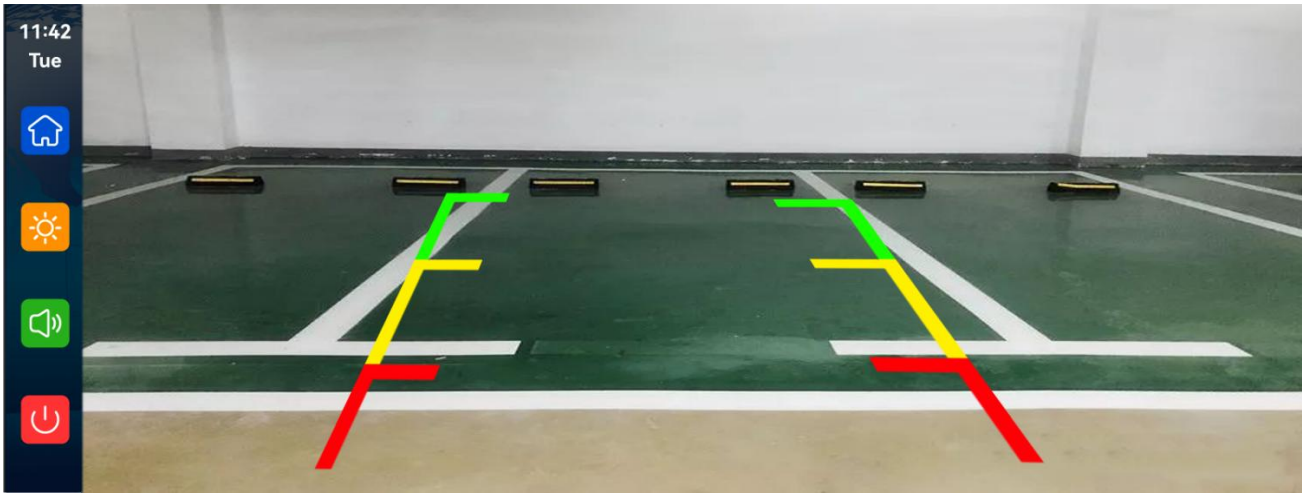
In order to drive safely, please route the wires so as not to hinder driving.

After the vehicle is in reverse gear, the recorder image will automatically switch to the rear camera and display the reverse auxiliary line. After the reverse gear is exited, the device will return to the normal display state.

Although the distance sensing guide line behind the vehicle is displayed in the image of the rear camera, all dangerous obstacles cannot be displayed. Do not just look at the reversing image on the screen and check the rear visually.

Reverse Line Calibration

Park the car in the middle of the parking space, after the vehicle is attached to the reverse gear, when the rear camera preview picture is out of the reverse auxiliary line, manually drag the four corners of the reverse auxiliary line, adjust the position of the reverse car, the reverse auxiliary line, the bottom, and the left and right, so that the reverse auxiliary line and the parking line are flat with the ground



L. Troubleshooting

Item	Problem	Solution
1	Unable to start DVR supports 12~24V car use	<ol style="list-style-type: none"> 1) Check whether the DC head of the cigarette lighter power cord is damaged or aging. 2) Check whether the fuse of the power plug is disconnected or burned.
2	No touch phenomenon	<ol style="list-style-type: none"> 1) Touch is invalid during power-on, wait for normal power-on before operation. 2) Check whether the touch is damaged, do not touch the screen with sharp objects, it is easy to scratch and damage.
3	The rear view camera has no image	<ol style="list-style-type: none"> 1) Buy the manufacturer's matching rear-view camera before it can be used.. 2) Whether the AVIN interface is inserted to the bottom. 3) Check if the camera format matches
4	Carplay cannot connect	<ol style="list-style-type: none"> 1) The first connection takes a little longer. 2) Only iPhone supports Carplay. 3) Check that the WiFi and Bluetooth functions of the mobile phone are normal. 4) Enter Settings-General-Carplay vehicle, delete all records and reconnect. 5) Restart the iPhone and reconnect it.
5	Android Auto cannot connect	<ol style="list-style-type: none"> 1) Only Android phones are supported. 2) Update Auto and related applications on mobile phones to the latest version. 3) Check that the WiFi and Bluetooth functions of the mobile phone are normal. 4) Restart the Android phone and connect it again.

Reminder: Please ensure that there is no obstruction between the mobile phone and the device, and the Wi-Fi / Bluetooth signal communication is smooth, otherwise the product functions cannot be used smoothly.