

# **Wireless Carplay AK-743**

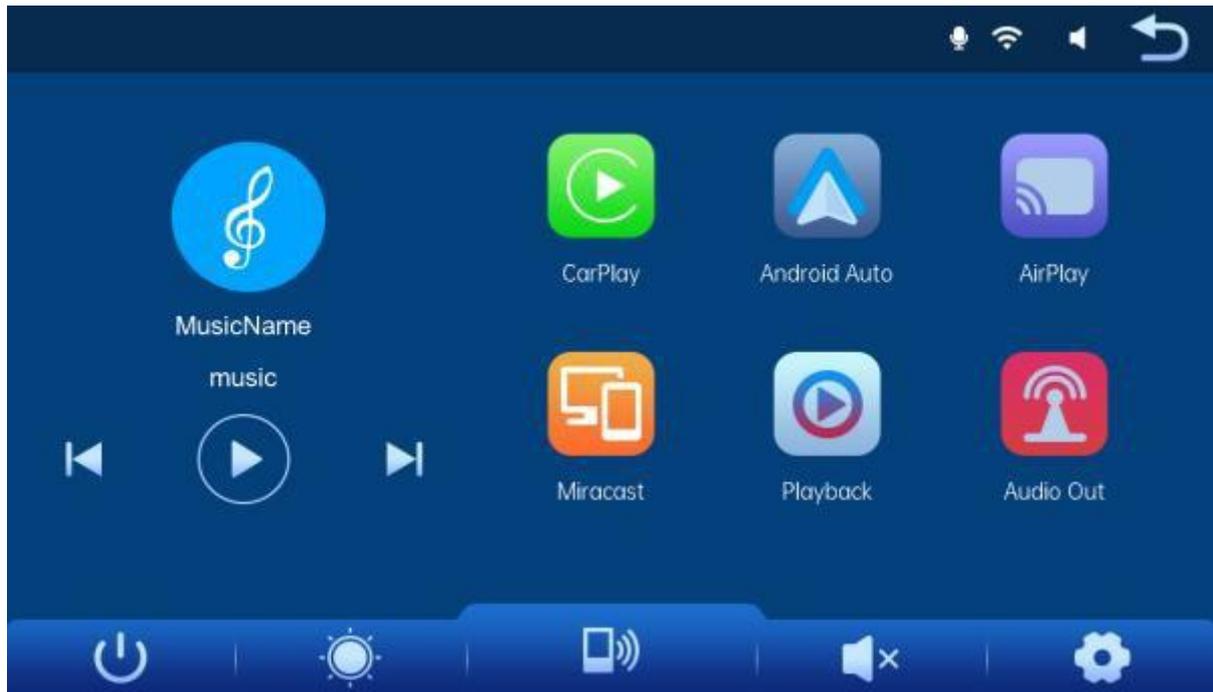
Product Specification



## directory

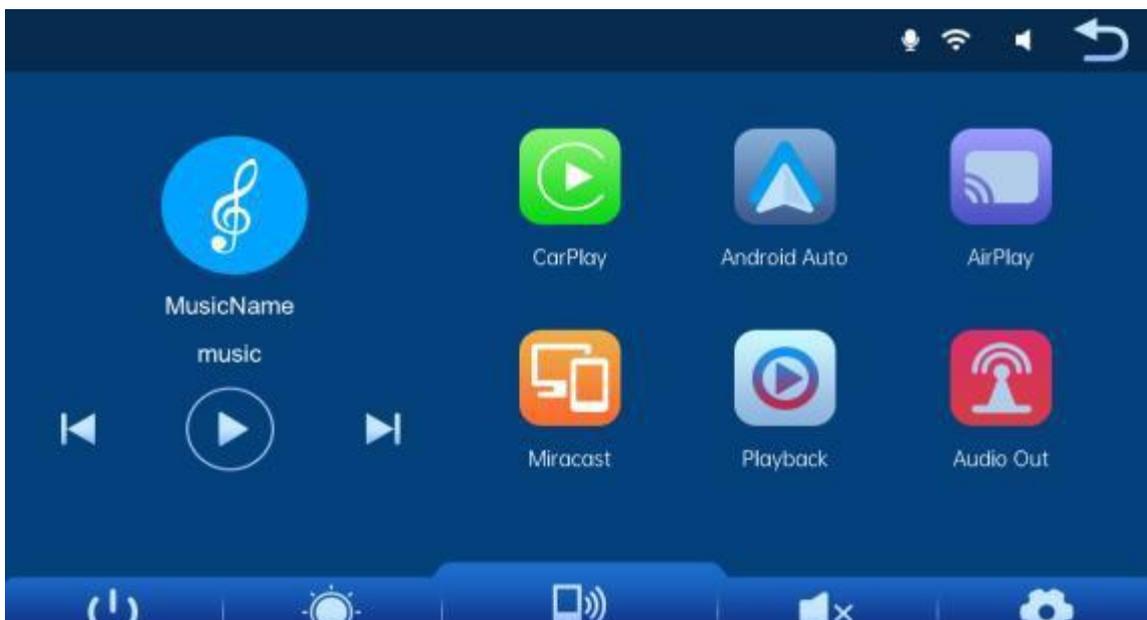
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# 1. Product Overview



7MIRROR uses two wide-angle cameras mounted inside and outside the vehicle to capture images of the surrounding area and transmit them in real time to an integrated device. With the help of this system, drivers can visualise obstacles and pedestrians around the vehicle, effectively reducing accidents such as scrapes, collisions and collapses. This product can record all the driving images to avoid "bumper sticker" disputes.

## 2. Product Accessory List



name	photograph	clarification	quantities
hosts		Full HD display (1024*600) / Dual Channel Camera / Touch /Bluetooth / SD card recording/USB Interface Type Interface Power	1
power cable		Type Power Cord/7V~32V/3A Current/Integrated Cable/ Cigarette lighter power supply	1
pull-back lens		AHD FHD (1080P)/4PIN BMW	selectable
Headphone extension cable		Pull-back headset/6m /2.5mm headset + 4-pin BMW Headband / double shielded / with reversible connector	selectable
Surveillance Base		Supports the display and secures it to the centre console	1
SDcard		32G	1
Camera Extension Cord		Rear View Mirror/10m/ BMW Head/Double Shield/4 Core	1

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### 3. Product Description

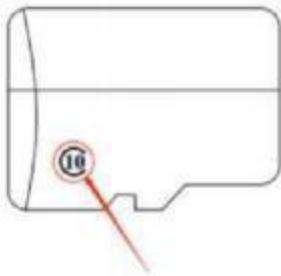
systems	multilingualism	Simplified Chinese/ Traditional Chinese/English English/Russian/Spanish/ French/German
	operating interface	Graphical menu operation
	operating mode	touching
video input	video input	2 HD video inputs
	video mode	Default startup logging with no missing seconds
	video format	2K H.264 video, 2 video channels saved separately
video display	real time display	IPS screen
	local replay	Local playback, watch anytime
	screensaver	Screensaver can be set to: Off / 1 minute / 5 minutes
inverted display	inverted display	Automatic switching to rear view
	Stern line adjustment	Adjustment of commutation lines for various models
smart connection	wireless network	Support iOS Apple CarPlay and Android Auto system
	bluetooth	Support Bluetooth music playback
	tune	Supports for connection to car radio
Video Storage	SD card	CLASS10U1: up to 256GB
Audio section	microphones	Support microphone recording, menu can be set to off

	voice control	Support voice control, can be set to close the menu
	ancillary	Audio output port for audio playback through car stereo
power component	input power	Car charger supports 9V-12V wide voltage with power protection circuits for surge, overload, overvoltage, undervoltage and short circuit.
electricity consumption	bi-directionality video	Less than 10 watts (on-screen display, dual-channel camera recording)
other	operating temperature	-20~65°C
	cool off	passive cooling
	Video Time	Video recording duration can be set
	Channel Trigger Delay	Reverse signal delay can be set
	Camera mirroring	The camera supports mirrored display and the menu can be set to

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## 4. SDCardS pecifications

The quality of the SD card has a great impact on the stability of video recording. To record video safely, use SD cards from major brands such as SanDisk, Kingston, Toshiba and Samsung. The speed certification must be at least Class10.



## 5. Wiring Instructions



Details are as follows

harbours	clarification
C- interface	Monitor Power Interface
Cigarette charger	<p>Cigarette lighter direct power</p> <p>Note: This product comes standard with a cigarette charger. If you don't use our original charger, you need to buy a compliant and high quality cigarette lighter charger, otherwise it is easy to damage the machine or cause other injuries due to insufficient voltage and heat generation</p> <p>Otherwise, it is easy to damage the machine or cause other injuries due to insufficient voltage and heat .</p>

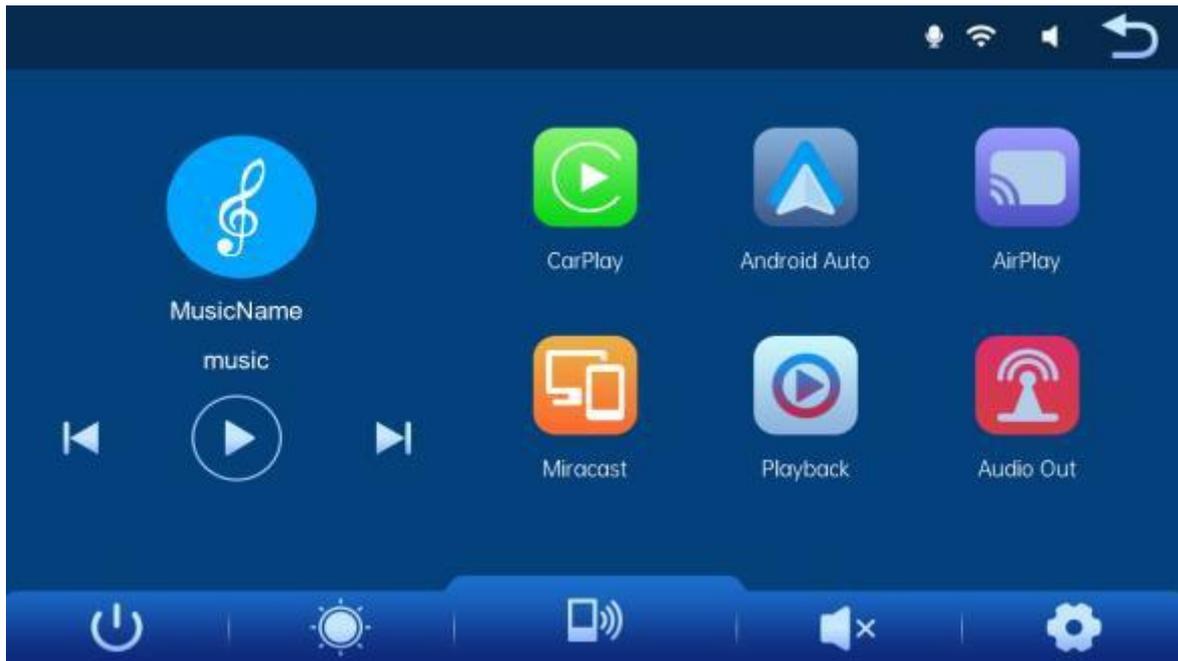
## 6. Camera Installation

Determine the drilling position, find the suitable mounting position in the licence plate attachment, mark it with a pen and then drill the appropriate size screw holes. Fix the camera to the rear of the car with screws, the reversing trigger wire (red thin wire) needs to be connected to the positive terminal of the reversing light, and finally connect to the monitor with the camera extension cable.



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# 7. interface specification



1. Tap to rest the screen



2. Adjust Brightness Button



3. Mobile phone connection interface



4. Volume Adjustment Buttons



5. Click to enter the settings screen



6. music player

7. iPhone dedicated connectors

8. Android-only casting

9. iPhone dedicated casting



10. Android Professional Casting

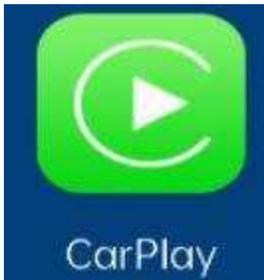


11. Video Playback Portal



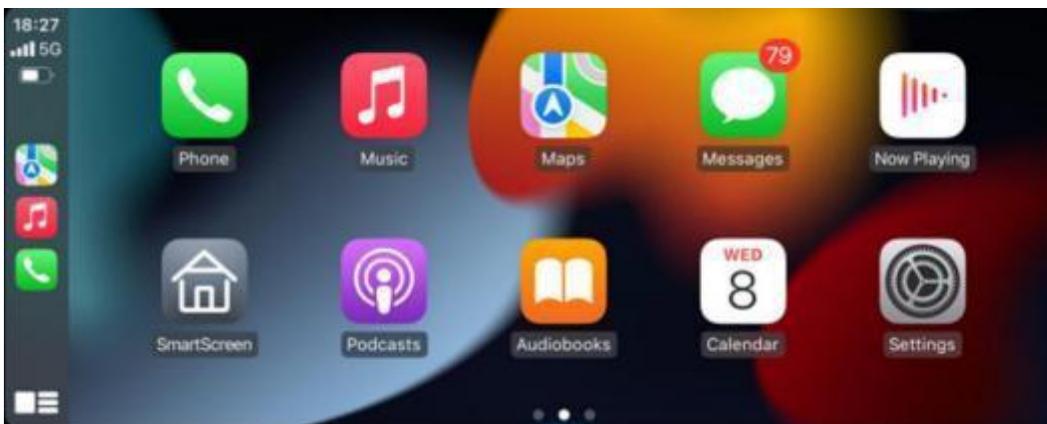
12. Audio Output Selection

## A. CarPlay

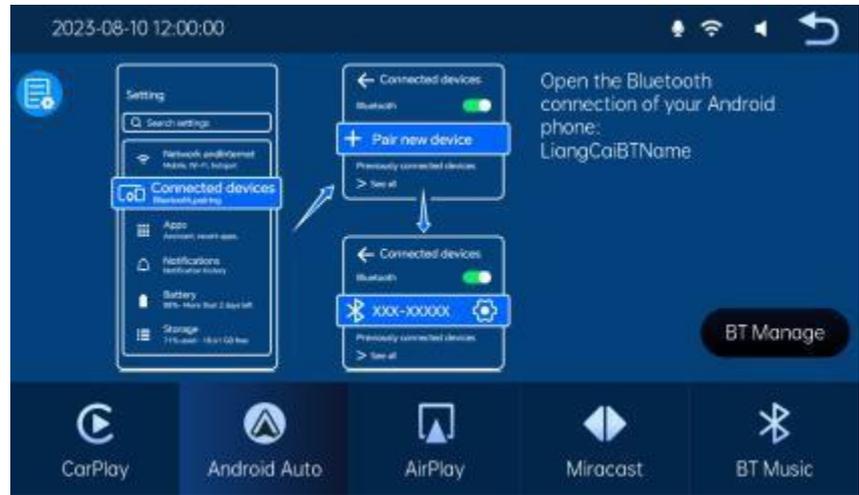
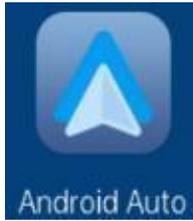


As shown in the picture above, click the [AppleCarPlay] button to enter AppleCarPlay, click the [Bluetooth Management] option in the interface, and connect with your mobile phone by Bluetooth to enter the CarPlay interface. After powering on, the machine will automatically connect to the last connected mobile phone.

(Disconnect by turning off the button, AppleCarplay option is only supported for iPhone, turn off your phone's button to disconnect).



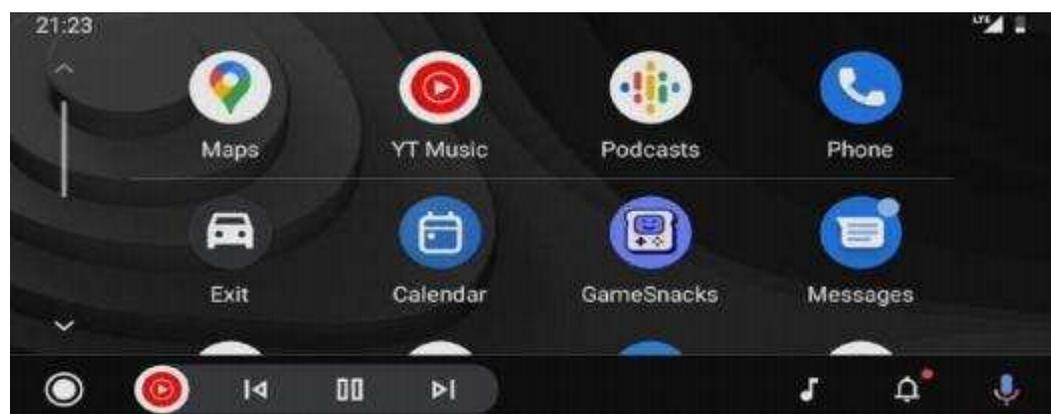
## B. Andorid Auto



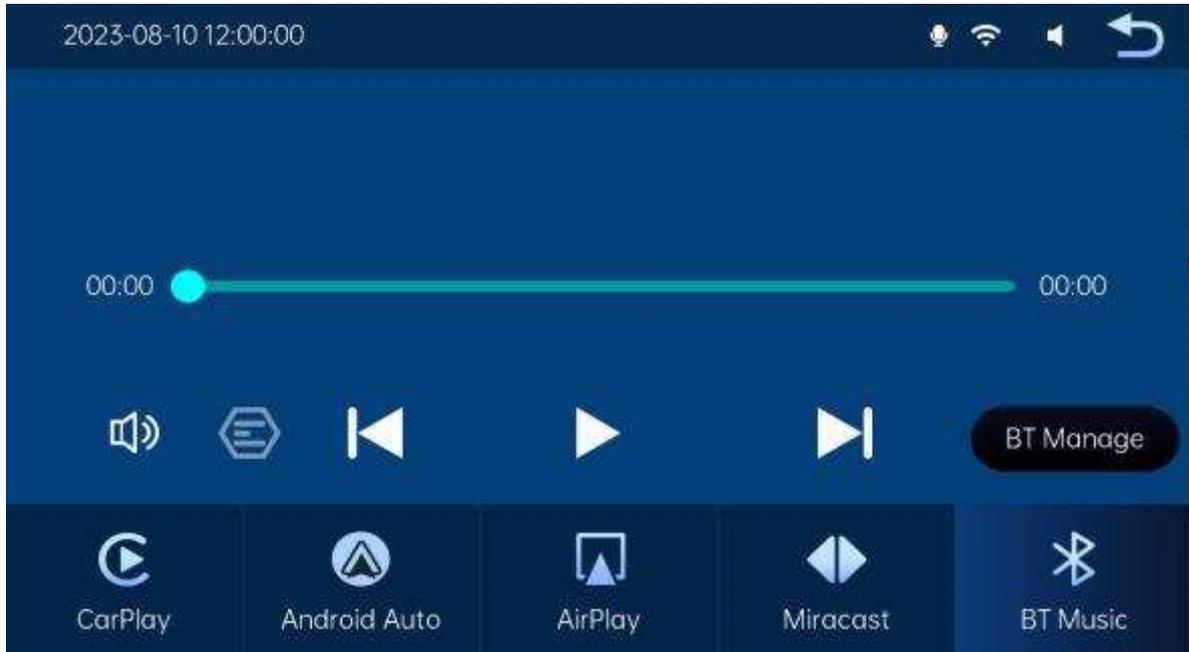
Turn on your phone's and Bluetooth first, then select the [AndroidAuto] option, click the [BTManage] option on the interface and connect your phone's Bluetooth to access the AndroidAuto interface.

(Disconnect by turning off the button)

When you change mobile phones, the connection data of the previous mobile phone will be cleared.



## C. Bluetooth music



Firstly turn on your phone's and Bluetooth, Then select the [Bluetooth.Music]option. Tap the [BTManage] option on the interface to connect your mobile phone with Bluetooth connection and start playing music.



The buttons correspond to previous page, play /pause and next page respectively.



Click the Lyrics button to display the lyrics.

(Some mobile music player apps don't support displaying lyrics)

## D. Vehicle Records



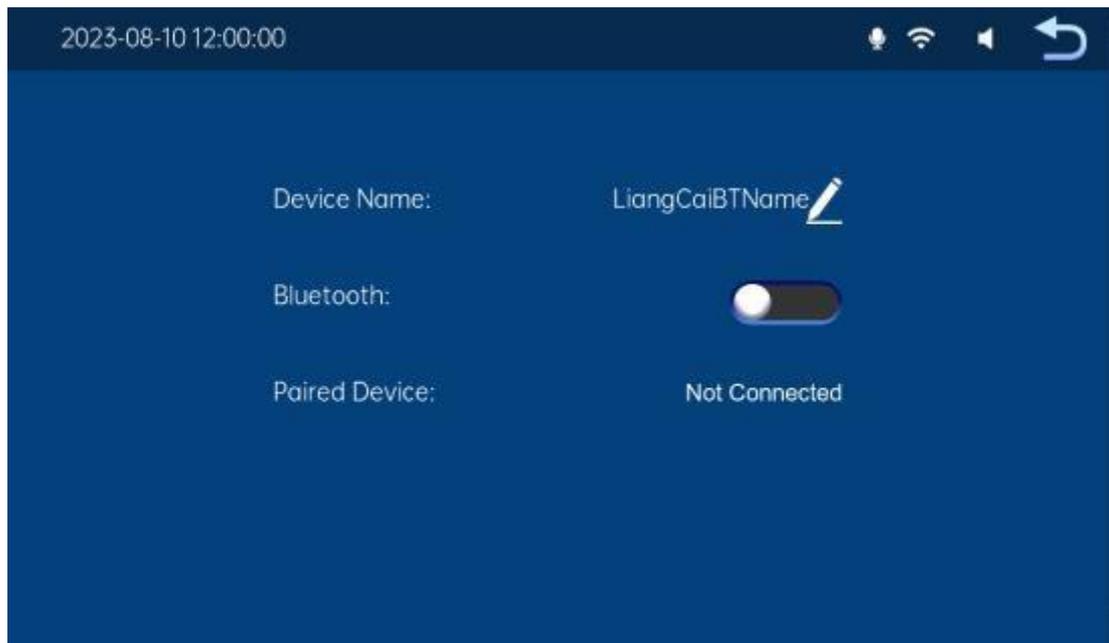
As shown in the picture above, the music playback interface will be displayed in the main page, click in to play music.

E. FM



As shown in the picture, click the button to enter the function: it can send out the sound of the device, receive it with the original radio, and play it through the original speakers to enjoy the original sound. Matching wires are needed to use it.

## F. bluetooth



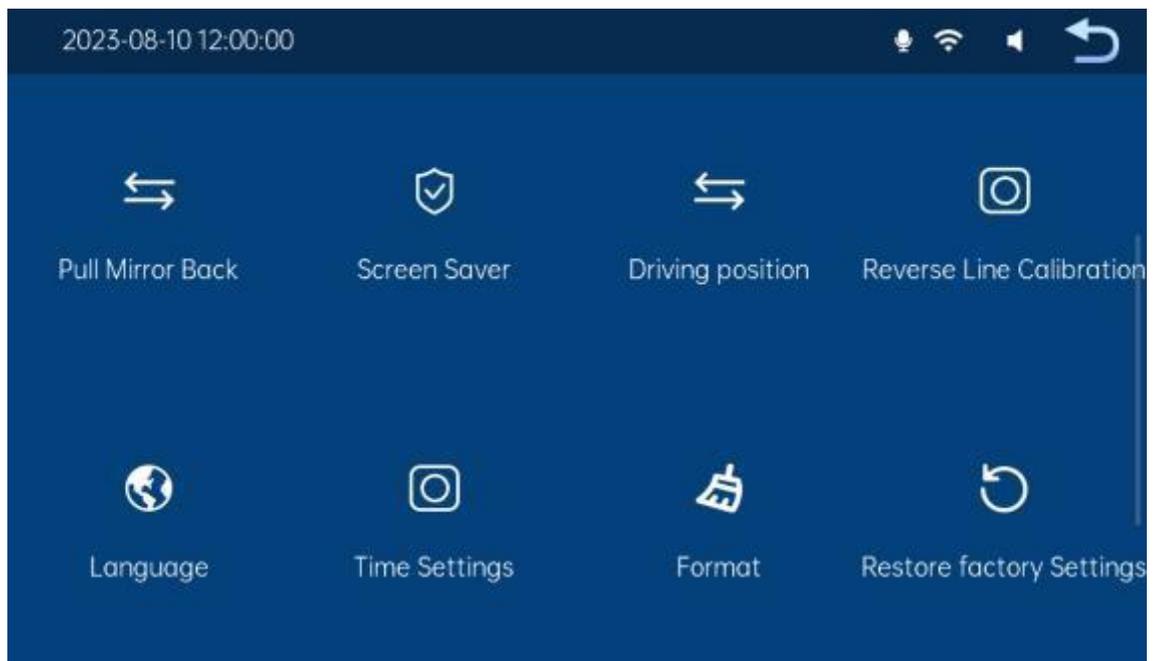
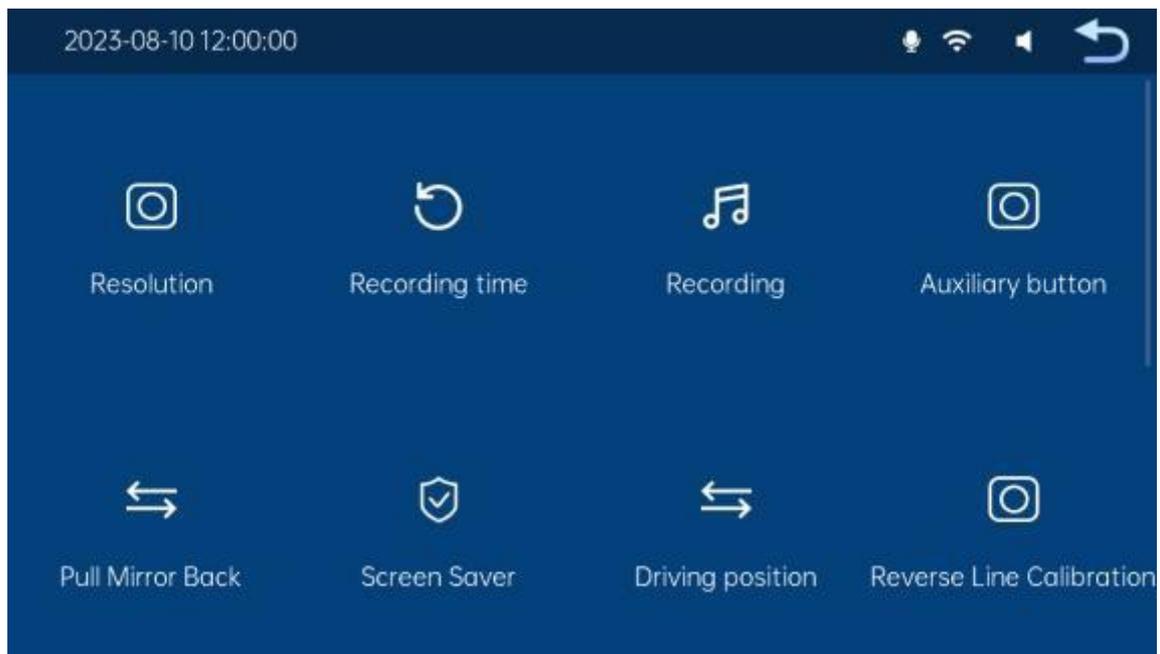
Click on the Bluetooth button as shown in the figure [  ] Turn on your Bluetooth.

The page will display the device name, For example, F900-11205A, and then click the Modify button [  ] Changing the Bluetooth name of a device.

Select the device name with Bluetooth and the device name of the mobile phone will be displayed after successful connection. At the same time, you can play music and other features on your mobile phone

click on a button [  ] Return to previous page.

## G. set up



# fault resolution

sports event	issues	prescription
<b>1</b>	unbootable	<p>①Check the DC header of the cigarette lighter power cable for damage or deterioration</p> <p>②Check that the fuse in the power plug is not disconnected or blown.</p>
<b>2</b>	No touching	<p>①Touch is invalid when switching on, please wait for normal switching on before operating.</p> <p>②Check if the touch screen is damaged , do not touch with sharp object sscreen, otherwise it will be easily scratched and damaged.</p>

<p style="text-align: center;"><b>3</b></p>	<p>No image from rear view camera</p>	<p>① Purchase the manufacturer's matching rear view camera before use.          ② Whether the AV IN connector is inserted at the bottom.          ③ Check if the camera format matches</p>
<p style="text-align: center;"><b>4</b></p>	<p>Machine heating, lagging phenomenon</p>	<p>① Avoid direct sunlight or exposure during use. The normal operating temperature of the MIRROR is -20 to 65° C. After disconnecting the power supply, the T86 will be below 149oF and will operate normally.</p>
<p style="text-align: center;"><b>5</b></p>	<p>Carplay connectionless</p>	<p>1. It takes longer time to connect for the first time.          2. Only iPhone supports Carplay.          3. Check if your phone's Bluetooth functions are working properly          4. Delete all records and reconnect 5. Restart iPhone and reconnect.</p>

6	connectionless Android Auto	<ol style="list-style-type: none"> <li>1. Support Android mobile phones only</li> <li>2. Update related apps to the latest version.</li> <li>3. Do not enable VPN on your mobile phone.</li> <li>4. Check if your phone's Bluetooth functions are working properly.</li> <li>5. Restart your Android phone and connect again.</li> </ol>
7	Bluetooth music	<ol style="list-style-type: none"> <li>1. Please set the screen playback mode to Bluetooth music, other modes do not support Bluetooth music.</li> </ol>

Reminder: please make sure that there is no obstacle between the mobile phone and the device, and the Bluetooth signal communication is smooth, otherwise the product function will not be able to use smoothly. Bluetooth signal communication is smooth, otherwise the product function will not work smoothly.

# Product Parameter

name	Wireless Carplay
controller	High Performance SOC
wireless system	Wireless AppleCarplay, Wireless AndroidAuto
screen	IPS with 1024*600resolution
Storage Expansion	SD < 256G Class10
wireless module	Wireless, BT, Modules
cameras	Dual front and rear cameras
built-in speaker	2 Watt Speaker
reversed image	Automatic reversing video display
operating voltage	5V adaptive
working power	l e s s 10W
sizes	255*72*39 mm
weights	Weight approx. 350g including stand
makings	ABS/PC

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.

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.

FCC Radiation Exposure statement

The device has been evaluatec to meel general RF exposure requirement. The device can be used in portable exposure condition without restriction.