

REXING[®]

RoadMate CP Duo

User Manual

The information in this manual is subject to change without notice.

www.rexingusa.com

REV122023

Overview

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 Product Support



Activate Your

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Activate within 30 days of purchase to claim your free gift and extended limited 12-month warranty to 18 months.

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Table of Contents

Product Overview	5
Camera Overview - - - - -	6
Installation - - - - -	7
Apple CarPlay - - - - -	11
Andorid Auto - - - - -	14
Wi-Fi Connect - - - - -	17
Dash Cam - - - - -	19
Lock the current video - - - - -	20
Audio output - - - - -	21
Playback - - - - -	24
Settings - - - - -	25
Reverse Line Calibration - - - - -	28
Brightness - - - - -	29
Troubleshooting - - - - -	30
Specifications	33
SD Card Requirements - - - - -	34
Warranty and Support	35

What's in the box?



1



2



3



4



4



6



7



8

1. Device
2. Power Cable
3. Rear Camera + Rear Camera Cable
4. Extension Cable
5. Adhesive Mount
6. Aux Cord
7. Suction Cup Mount
8. User Manual

Product Overview

The RoadMate CPDuo 6.25 uses two wide-angle cameras to capture footage of your surroundings as you drive and transmit them to the integrated device in real-time. With the help of this system, the driver can see the obstacles and pedestrians around the vehicle intuitively, effectively reducing the occurrence of scraping, collisions, collapses, and other accidents.



Camera Overview



- 1 Home: return to main interface
- 2 Brightness: Adjust brightness levels
- 3 Volume: Adjust volume levels
- 4 Camera: View live camera view
- 5 Apple CarPlay: Mirror phone screen for Apple device
- 6 Android Auto: Mirror phone screen for Android device
- 7 Wi-Fi Video: Connect smartphone to device
- 8 Audio: Select audio output
- 9 Playback: View dash cam footage
- 10 Settings: Enter system settings

Installation

Step 1. Install the RoadMate CPDuo

1.1 Prepare the Mounting Position:

Clean the dashboard or windshield: Ensure the area where you'll mount the camera is clean and free from dirt, oil, or debris. Use a mild cleaner to wipe the surface and dry it thoroughly.

1.2 Mount the Camera:

Positioning: Align the camera to get the desired angle and view of the rear. Rear dash cams come with adhesive mounts or brackets for attachment.

Secure: Use the adhesive or mounting bracket to securely attach the camera to the chosen spot. Ensure it's firmly fixed to avoid any movement or displacement.

Step 2. Install the Memory Card

The Rexing RoadMate CPDuo accepts Class 10/UHS-3 or higher Micro SD memory cards up to 256GB. You will need to insert a memory card before begin recording.

Before inserting or removing a memory card, first ensure you've powered down the device. Gently push the memory card in until you hear a click, and allow the spring release to push the card out.

Step 3. Power on the Camera and Format the Memory Card

Power the camera by connecting the charger to the car cigarette lighter and camera. Before you start using a new memory card, you **MUST** format the card within the camera using the format function. Always backup important data stored on the memory card before formatting.

To format the memory card, make sure you have inserted your memory card, then turn on the device by connecting to a power source. Press OK to stop recording. Then toggle to the format settings and confirm the selection. You may now disconnect from power. The camera will shut down after 3 seconds. The camera should begin recording automatically the next time it is powered on.

Step 4. Mounting the Rear Camera and Wiring the Cables

4.1 Choose the Installation Location:

Near the License Plate: Mounting the camera near the license plate offers a clear rear view and ensures coverage of the back area.

4.2 Connect the Extension Cable:

Connect one end of the extension cable to the power input and video output ports on the rear dash cam.

4.3 Route the Extension Cable:

Securely route the extension cable along the interior of the vehicle, making sure to avoid any moving parts or obstructing airbags. Use cable clips or ties to secure the cable in place.

4.4 Connect to the Main Unit:

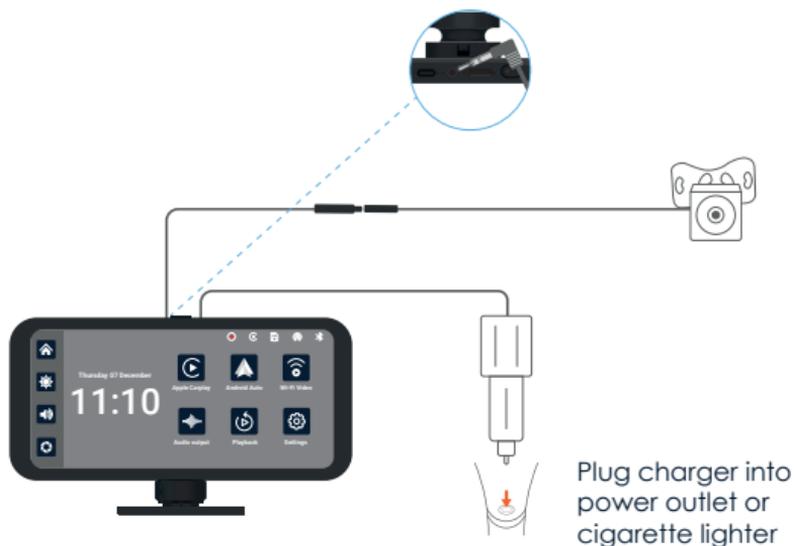
Connect the other end of the extension cable to the power input and video input ports on the main unit or display screen.

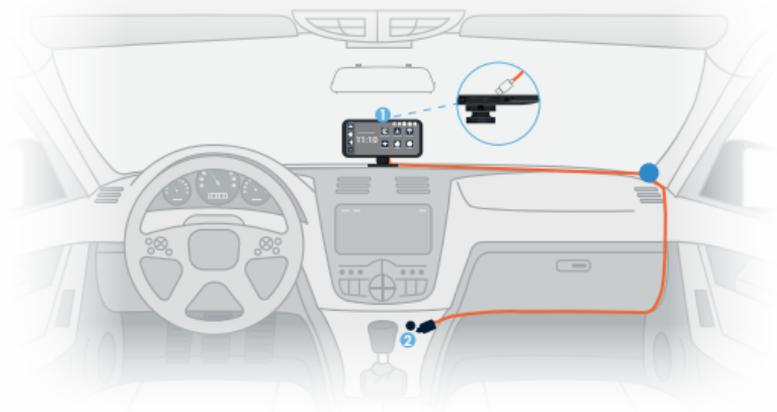
4.5 Secure Loose Wires:

Use cable clips or ties to secure any loose wiring to prevent them from hanging or interfering with other vehicle components.

Step 5. Power on the Device

Power on the rear camera and main unit to test the connection. Ensure that both power and video signals are transmitted correctly.





1 Type C Port

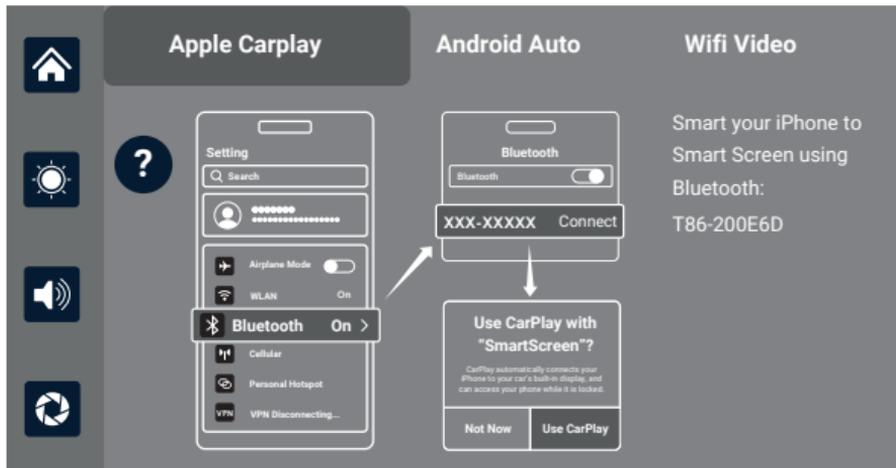
2 Cigarette lighter

To supply power, connect the **1** Type-C end of the power cable to the main device, and then insert the **2** cigarette lighter plug into the appropriate socket inside your vehicle.

Note:

Please use the charger provided with the Rexing unit. Using an unauthorized charger may easily damage the device or cause injuries due to insufficient voltage and excessive heat. Additionally, the FM transmission function may not work properly.

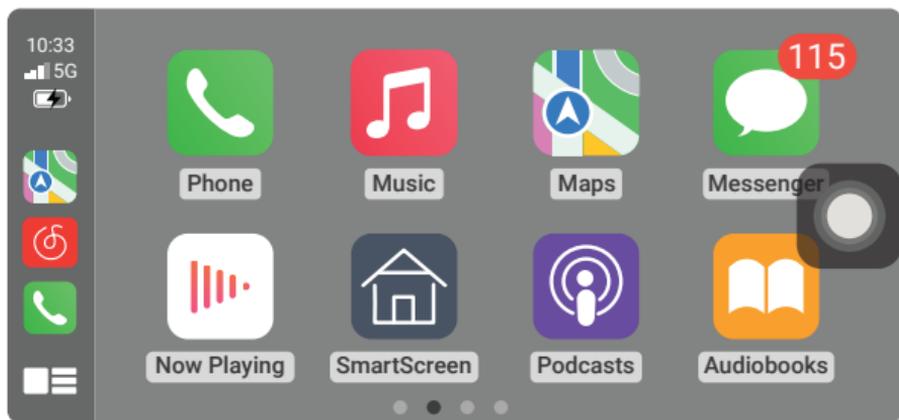
Apple CarPlay



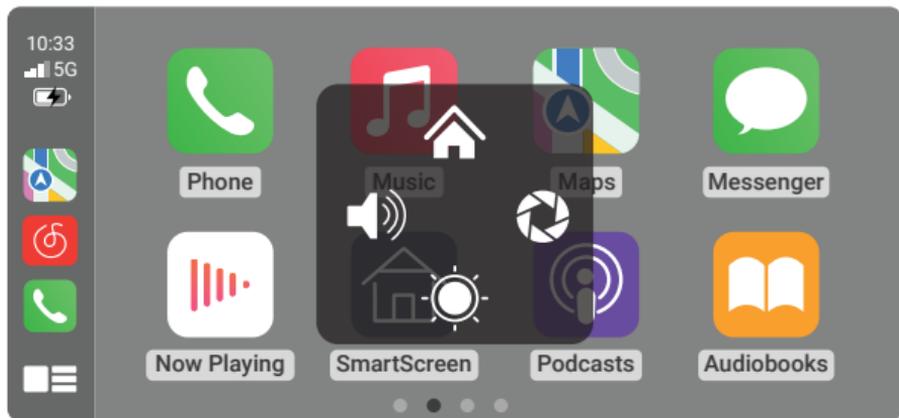
First turn on Wi-Fi and Bluetooth from your smartphone. Next, pair your phone to the device Bluetooth: T86-XXXXXX, as shown in the figure above. Once connected, you'll receive a pop-up on your smartphone. Refer to the figure above, and select 'Use CarPlay' to successfully complete Apple CarPlay integration.

Note:

The device will automatically pair with the last connected phone.

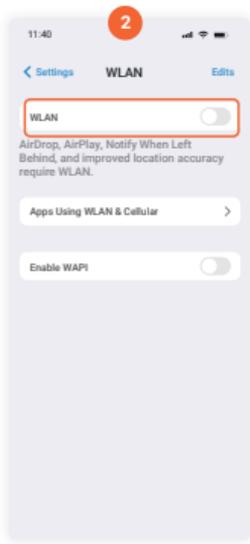
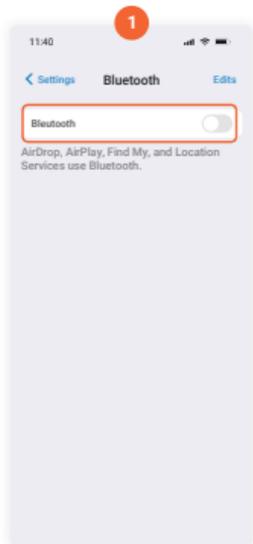


Click Assistive Touch to display the shortcut menu: [Back to Home], [Record Video Screen], [Volume Adjustment], [Brightness Adjustment].

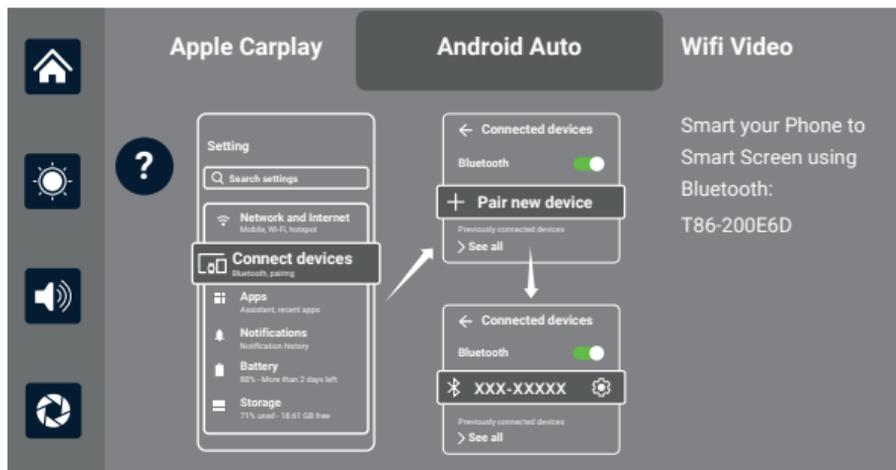


Note:

Apple CarPlay is supported only with iPhone models starting from the iPhone 5 and newer. Please turn off the Bluetooth button and then the WiFi button in your phone's settings to disconnect.

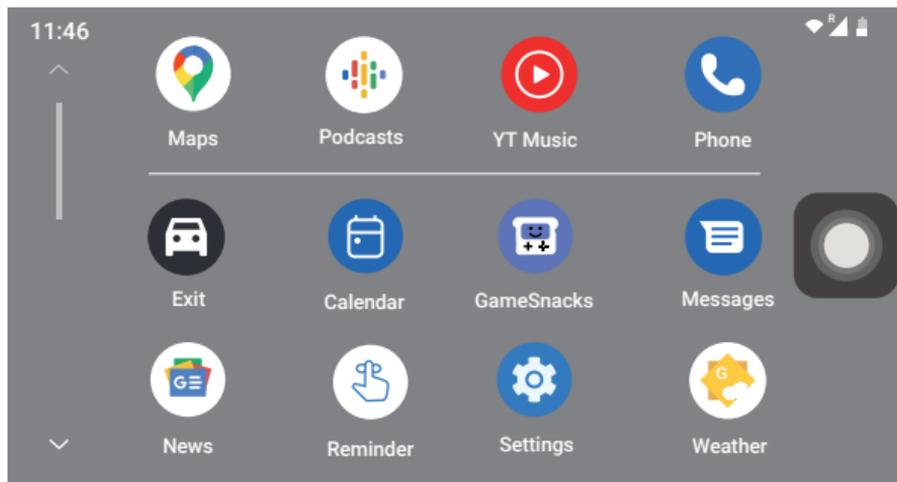


Android Auto

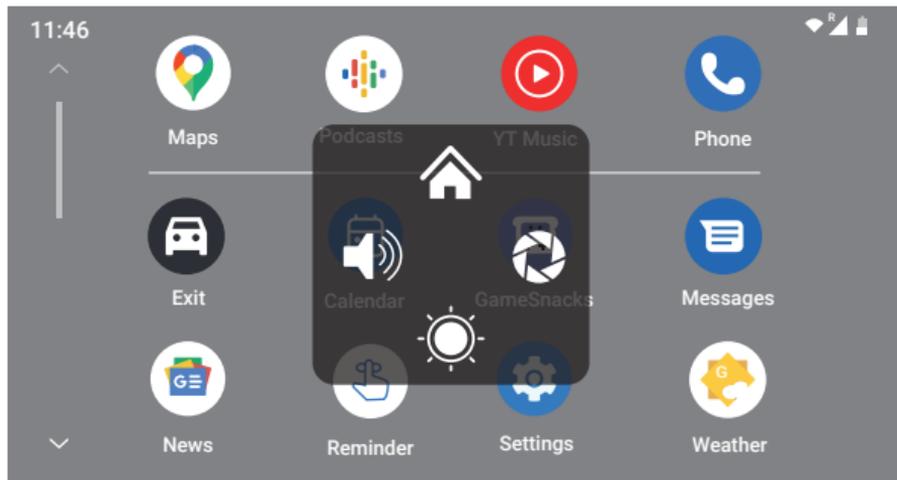


First, turn on Wi-Fi and Bluetooth from your smartphone settings. Then, select 'Pair new device' and connect to device Bluetooth: T86-XXXXXX

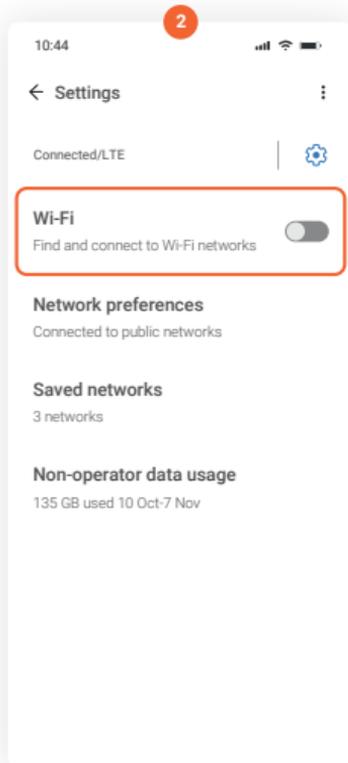
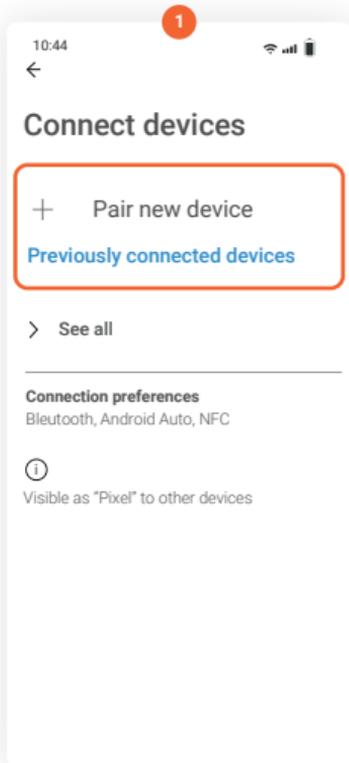
Click the Details button for detailed connection steps and connection FAQs.



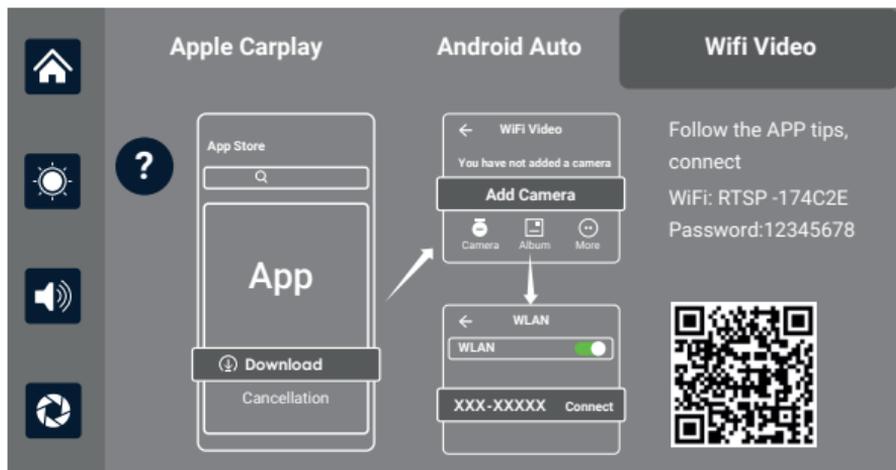
Click Assistive Touch to display the shortcut menu: [Back to Home], [Record Video Screen], [Volume Adjustment], [Brightness Adjustment].



Wireless Android Auto option is only supported for Android phones. Please forget Bluetooth in your phone's settings and turn off the Wi-Fi button to disconnect.



Wi-Fi Connect

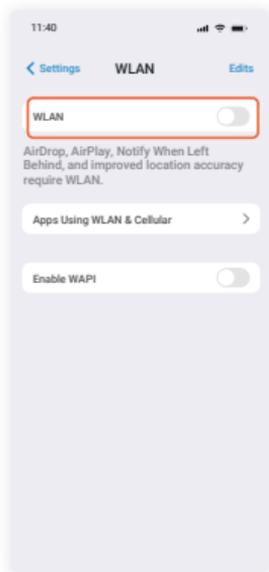


As shown in the figure above, scan the QR code to download the mobile app for dash cam footage. Open the app and follow the prompts to connect your phone to device Wi-Fi: RTSP-XXXXXX and enter password: 12345678. Once, connected you can transfer, manage, and view dash cam footage from the device display screen.

Note:

Click the question mark for detailed connection steps and connection FAQs.

Turn off the WiFi key on your phone to disconnect, and it will take one minute to disconnect before you can operate on the machine.



Dash Cam



To stream live view from the front / rear camera, select the record button as shown in the figure above. Upon inserting the memory card, the device auto enters recording mode.



Recording On / Off



Lock current video for file



Take a picture



Return to home screen



Return to the mobile screen display



Audio recording On / Off

Lock the current video

Important: The SD card can hold between 32GB and 256GB. Up to 40 videos can be locked on a 32GB card. When a 41st video is locked, it will overwrite the oldest locked video. This process continues with each new video, ensuring continuous storage management.

Note:

If the SD card runs out of space, even locked files may be overwritten. The card supports sizes ranging from a minimum of 32GB to a maximum of 256GB. To ensure your dash cam always has sufficient space for regular videos, the number of lockable videos is limited based on the SD card's capacity, irrespective of the video length. Below is a chart detailing these limitations:

32GB memory: Stores up to 40 locked videos.

64GB memory: Stores up to 80 locked videos.

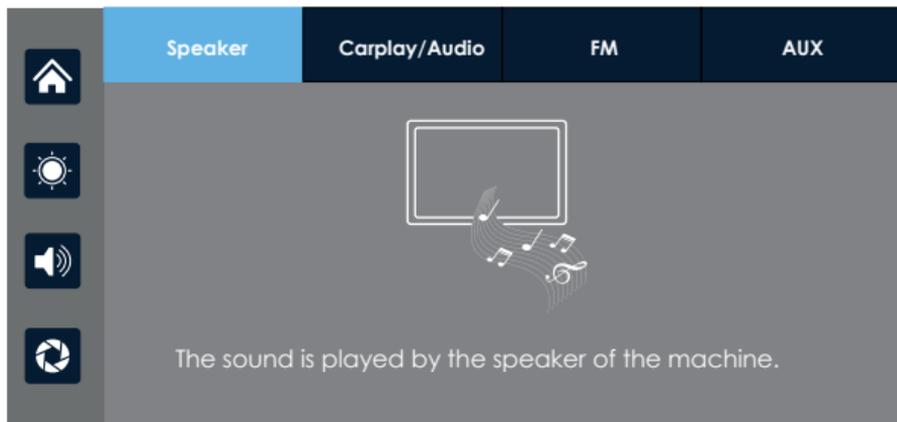
128GB memory: Stores up to 160 locked videos.

256GB memory: Stores up to 320 locked videos.

To prevent your oldest locked files from being overwritten, please do not exceed these capacities for locked files.

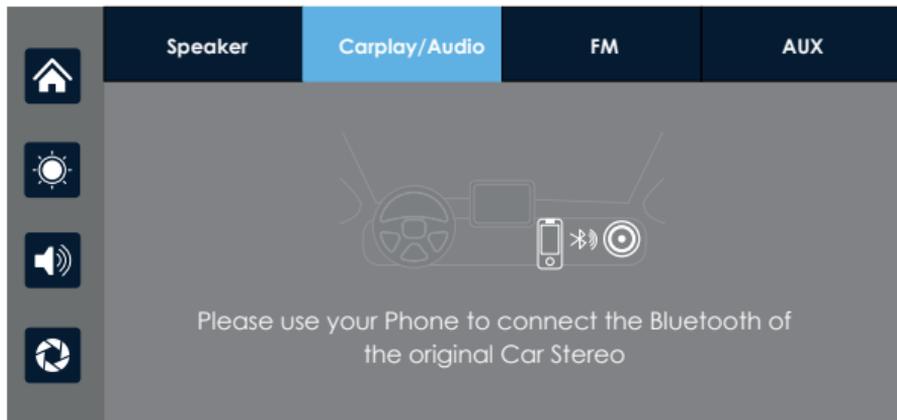
Audio output

As shown in the figure above, select 'Audio Output' to configure settings.



Speaker

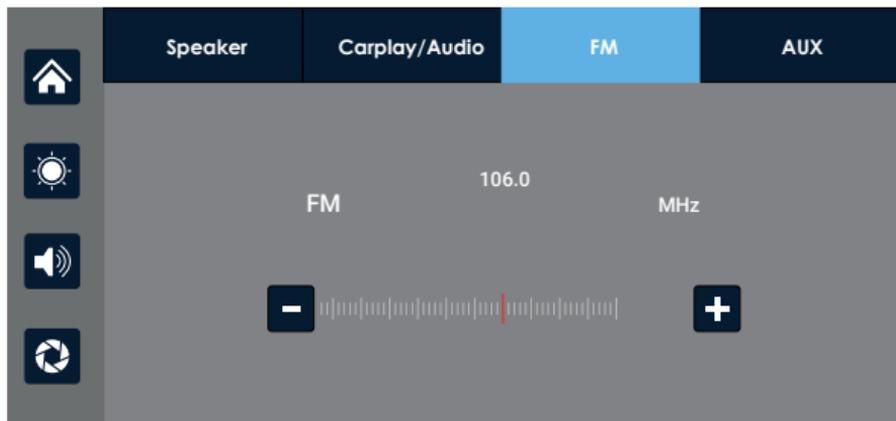
The sound will be played from the speaker of the smart screen.



Carplay/Auto

Sound from smartphone will be transmitted through the vehicle's speakers.

Note: Adjust volume using vehicle controls.

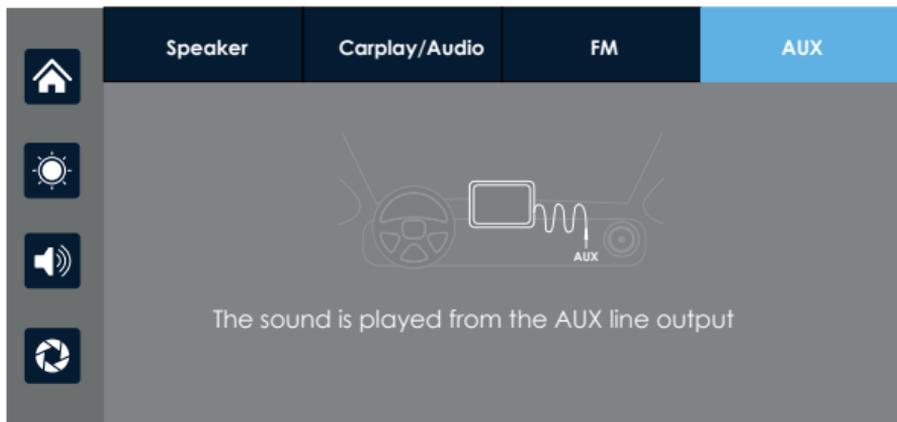


FM

FM radio will be transmitted through the vehicle's speakers all the sounds of the device will be transmitted to the original car speakers through FM transmission

Note:

Adjust volume using vehicle controls.



AUX

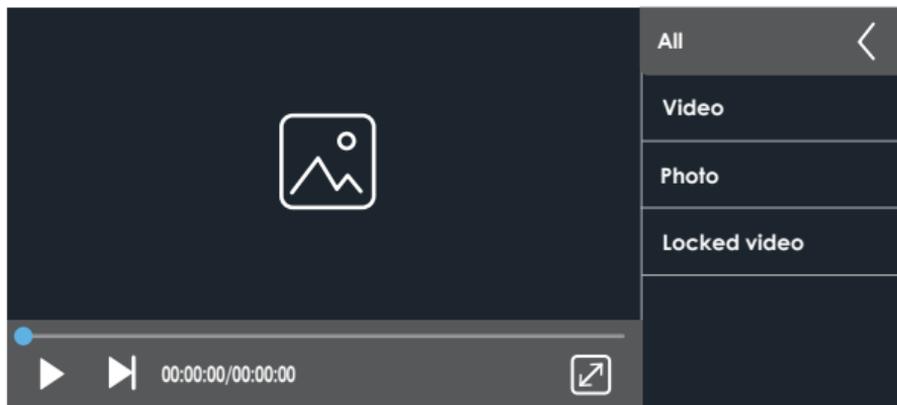
Use the AUX cable to connect your phones audio to the device. Sound will be transmitted to the vehicle's speakers.

Note:

Adjust volume using vehicle controls.

Playback

As shown in the above figure, select 'Video Playback' to view dash cam footage.



Select from the menu to view, delete, lock, or unlock video footage and pictures.



Play / Pause



Next Photo / Video

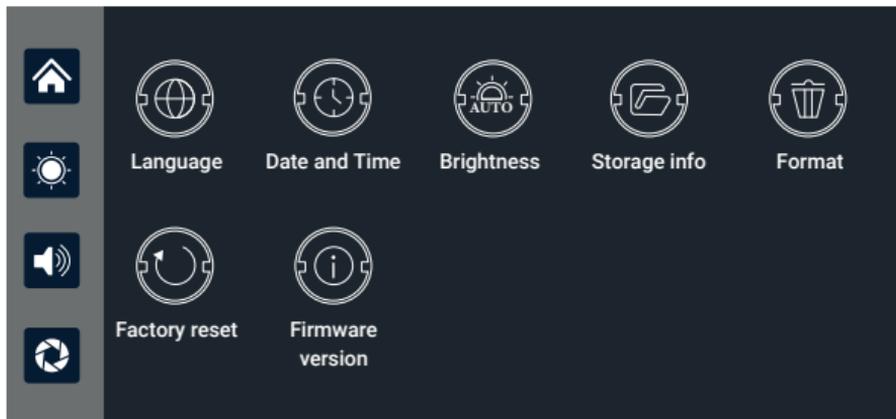
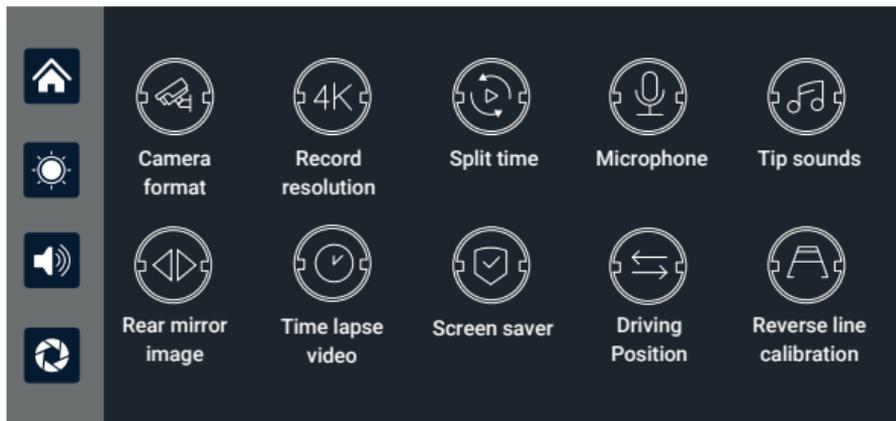


Full Screen



Return

Settings





Select 'Camera Format' to configure rear camera resolution (720P/720N/1080P/1080N)

Note: Selecting an unrelated camera system will result in abnormal display and video images. If the camera display screen or color is abnormal, please check if the corresponding camera system has been selected.



Select 'Record resolution' to configure front camera resolution (720P / 1080P / 2.5K / 4K)



Select 'Split time' to configure loop recording settings. (1 min. / 3 min. / 5 min.)

Note: The system defaults to 3 minutes.



Select 'Microphone' to turn Audio Recording On / Off



Select 'Tip sound' to turn touch and startup sound On / Off



Select 'Rear Mirror Image' to turn stream rear cam view On / Off

Note: This option makes it easier for customers to flexibly install cameras.



Select 'Time-lapse Video' to configure recording time for parking mode.

Note: When the car is switched off (ACC disconnected), the system will turn off the screen after a five-second countdown to reduce power.



Select 'Screen saver' to configure 1min / 3min / 5min / Off

Note: After entering the screensaver, press the power button again to turn on the screen.



Select 'Driving Position' to configure left-hand or right-hand drive, and the shortcut menu bar in Apple CarPlay.



Select 'Reverse Line Calibration' to configure reverse park assist settings.



Select 'Language' to configure settings: Chinese / Traditional Chinese / English / Russian / Spanish / French / German / Japanese / Korean / Italian / Portuguese



Select 'Date & Time' to configure enter year / month / day / time / minute / second / 12H system / 24H system



Select 'Brightness' to configure device display brightness levels



Select 'Storage Information' to view remaining storage capacity.



Select 'Format' format your SD card. It is recommended to manually form format the first insert SD card to ensure sufficient card capacity.

Note: It is recommended that users manually format the SD card regularly.



Select 'Factory reset' to restore device to the original system settings to enter the settings.

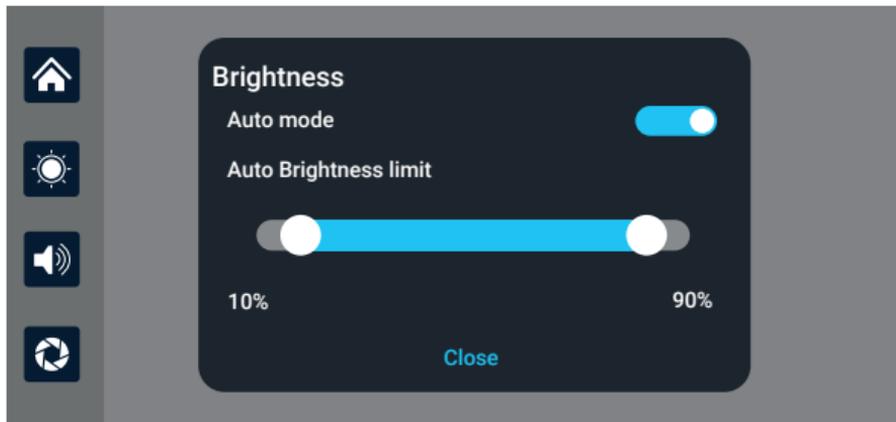


Select 'Firmware Version, to view the current version.

Reverse Line Calibration

1. Access the settings by clicking [Reverse Line Calibration].
2. Park your car centrally in the parking space.
3. Adjust the left reversing assist line: Drag it manually to align horizontally with the left ground parking line.
4. Adjust the right reversing assist line: Similarly, drag it to align horizontally with the right ground parking line.
5. Use the slider at the bottom to fine-tune the left and right positions of the reverse line.
6. Once calibrated, click [confirm] to save the adjustments.

Brightness



You can set the auto-brightness on / off, and you can also set the auto-brightness min / max values.



When Auto Brightness mode is turned on, you cannot adjust the volume manually. Drag the left white dot button to set the minimum brightness value and drag the right white dot button to set the maximum brightness value. The setting will be saved automatically when it is completed, and you can exit the setting by clicking the [Close] button.

Troubleshooting

Item	Problem	Solution
1	Unable to turn on the camera	<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 the screen with sharp objects, it is easy to scratch and damage.

Item	Problem	Solution
3	The rear view camera has no image	<ol style="list-style-type: none"><li data-bbox="495 165 905 221">1 Buy the manufacture's matching rear-view camera it can be used.<li data-bbox="495 243 938 299">2 Whether the rear camera is inserted to the bottom.<li data-bbox="495 321 957 341">3 Check if the camera format matches
4	Product Overheat	<ol style="list-style-type: none"><li data-bbox="495 413 977 602">1 Avoid direct sunlight or exposure to sunlight during use. The norm operating temperature of Camera is -4~149°F. After disconnecting the power supply, the temperature of Camera will be lower than 149 F and work normally.
5	Carplay cannot connect	<ol style="list-style-type: none"><li data-bbox="495 677 891 734">1 The first connection takes a little longer.<li data-bbox="495 756 871 777">2 Only iPhone supports Carplay.<li data-bbox="495 798 923 890">3 Check that the WiFi and Bluetooth function of the mobile phone are normal.<li data-bbox="495 912 907 1004">4 Enter Settings - General - Carplay vehicle, delete all records and reconnect.<li data-bbox="495 1025 943 1047">5 Restart the iPhone and reconnect it.

Item	Problem	Solution
6	Android Auto cannot connect	<ol style="list-style-type: none"><li data-bbox="491 165 961 190">1 Only Android phones are supported.<li data-bbox="491 211 961 303">2 Update Auto and related applications on mobile phones to the latest version.<li data-bbox="491 320 961 378">3 Do not enable VPN on the mobile phone<li data-bbox="491 394 961 486">4 Check that the WiFi and Bluetooth functions of the mobile phone are normal.<li data-bbox="491 502 961 567">5 Restart the Android phone and connect it again.

Reminder:

Please ensure no interference between your smartphone and the device, and that the Wi-Fi/Bluetooth signal communication is smooth, otherwise the product functions cannot be used smoothly.

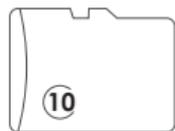
Specification

System	Language	Simplified Chinese / Traditional Chinese / English / Russian / Spanish / French / German / Japanese / Korean / Italian / Portuguese
	Operation	Touchscreen
Video input	Camera Type	Front + Rear
	Recording Mode	Auto On / Off
	Resolution	Front: 720p / 1080p / 2.5K / 4K Front + Rear: 720P+720N / 1080P+1080N
4K	Display	6.25in / IPS Touchscreen / 1560X720
	Screen Saver Mode	1min. / 3 min. / 5 min. / Off
Reverse display	Reverse display	Stream rear camera view on display screen
	Reverse Park Assist	Auto Backup Cam
Smart Internet	Wi-Fi	Apple CarPlay / Android Auto / 'Rexing Connect' Dash Cam Mobile App
	Audio	Bluetooth / CarPlay / Android Auto / AUX

The video store	SD card	CLASS10 / U1 / 32GB - 256GB
Audio part	The microphone	Support microphone recording, menu can be set to turn off
Power part	Input Voltage	Range 7-32V / Overvoltage Protection / Reverse Polarity Protection
Power consumption	Power Supply	10W (screen display, 2-channel camera recording)
Other	Operating Temperature	-4 ~ 149°F
	Stream Media	Mirror phone to car screen

SD Card Requirements

The quality of the SD card has a significant impact on the stability of video recording. To record safely, please use a MicroSDXC card that has at least 32GB and up-to 256GB storage w/ Speed Class10. It's important to use SD cards from major brands such as Rexing, SanDisk, Kingston, Toshiba, and Samsung.



Warranty & Support

Warranty

The Rexing RoadMate CPDuo comes with a full 12-month warranty. If you register your product on our official site (<https://www.rexingusa.com/support/registration>), you can extend the warranty to 18 months.

Support

If you have any questions regarding your product, please do not hesitate to contact us at care@rexingusa.com, or call us at (877) 740-8004. Queries are typically answered within 12-24 hours.

Your opinion matters

Rexing is firmly committed to always improving our products, services, and user experience. If you have any thoughts on how we can do even better, we welcome your constructive feedback and suggestions.

Connect with us today at care@rexingusa.com

Thank you for choosing Rexing!

FCC ID : 2AW5W-W1

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.

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

REXING®



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