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# Car Play & Android Auto Player

## **Product specification**

1. Product overview

The Player uses a wide-angle camera mounted to capture images and transmit them to the real-time integration equipment. With the help of this system, drivers can intuitively and effectively see obstacles and pedestrians in the rear of the car, reducing the occurrence of collisions and other accidents.

### 2. Product composition list

List of product accessories:

Name	Instructions	
The host	Touch control / Bluetooth / WIFI / audio output	
The power cord	7V-32V / integrated line/cigarette lighter	
Pull back camera	Used to observe the environment outside the car	
Pull the headphone extension cord back	Pull back headphone cable/double shield	
Monitor base	To support the display and fix it on the air outl	
SD card	Class10 SD card	
AUX cable	Audio signal transmission cable/3.5mm jack	
Specification	Product parameters and operation process, et c	
Accessories	For fixing bracket	

Note: Product accessories may vary with the production batch or product generation, please refer to the actual product received.

### 3. Product description

Proje ct	Functio n introd uction	Performance indicators		
	Languag e	Simplified Chinese / Traditional Chinese / English / Russian/ Span ish / French / German / Japanese / Korean / Italian/ Portuguese F or reference only		
syste m	Operatio n interface	Graphical menu operation		
	Mode of operatio	Touch		
Video displa y	Real-tim e display	High-definition IPS screen		
Smart conne cted	Wi-Fi	Supports Apple CarPlay / Android Auto		
The vi deo st ore	SD card	Save playback or save file		
Audio part	Audio e mission	Support local speaker playback, BT for Carplay/Auto, FM, AUX		
Power part	The pow er input	The step-down line supports a wide voltage range of 7-32V, and h as car-grade anti-surge, anti-reverse connection and other power protection.		

	Working	
Other	temperat	-4~149 °F
	ure	

## 4. Wiring instructions

s e ri al n u m b e	in t e rf a c e	illustrate
1	T y p e C in t e rf a c e	Motherboard power supply interface

C ig а r Cigarette lighter takes electricity directly; Note: Please use the standard cigar е tt ette lighter. If you don't use our original charger, you need to buy a high-qualit y cigarette charger that meets the standards, otherwise it is easy to damage t 2 е li he machine or cause other injuries due to insufficient voltage and heat, and the e FM transmission function will not work properly. g h t е r

#### 5. Camera installation

Locate the drilling hole, find the appropriate installation position in the license plate attachment, mark it with a pen and then drill the appropriate size of the screw hole. 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 pole of the reversing light, and finally use the camera extension cable to connect to the monitor.(Images are for reference only)

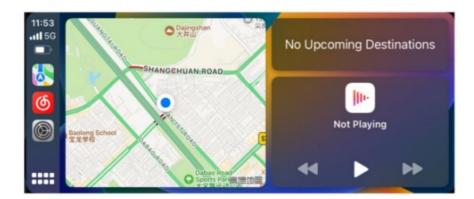
#### 6. Interface specification

- 1. **Home button:** Click to return to the main interface of the smart screen
- 2. **Brightness button:** Click to adjust the brightness of the screen
- 3. **Volume button:** Click to adjust the volume
- 4. **Camera:** Click to view the rear camera screen
- 5. **Android Cast:** Android phone can mirror screen
- 6. WiFi video: Drive footage can be viewed on your phone
- 7. Audio output: click to select the sound playing mode
- 8. **Apple CarPlay:** dedicated car screen projection program for Apple mobile phones
- 9. Andorid Auto: a dedicated car screen projection program for Android phones
- 10. AirPlay: Apple mobile phone can mirror screen
- 11. Playback: View driving footage

## 12. **Settings:** Click to enter the function setting interface

Note: May vary with the production batch or product generation, please refer to the actual product received.

#### A. Apple CarPlay



Click the [Apple CarPlay] button to enter the Apple CarPlay. Turn on the Wi-Fi and Bluetooth of the mobile phone first, then use your mobile phone to connect to the player's Bluetooth, and after the connection is successful, press the mobile phone prompt to enable CarPlay.

(Turn off your phone's Wi-Fi and Bluetooth to disconnect, Just turn off the WiFi button alone, it will keep trying to reconnect.)



(1)

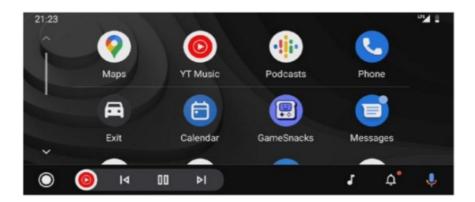


(2)



(3)

#### **B.** Andorid Auto



Click the [Android Auto] button to enter the Android Auto. Turn on the Wi-Fi and Bluetooth of the mobile phone first, then use your mobile phone to connect to the player's Bluetooth, and after the connection is successful, press the mobile phone prompt to enable Android Auto.

(Turn off your phone's Wi-Fi and Bluetooth to disconnect)

#### C. Apple Airplay

Click the [AirPlay] button to enter the AirPlay. Turn on the Wi-Fi of the mobile phone first, then use your mobile phone to connect to the player's Wi-Fi, and after the connection is

successful, Select the smart screen in the screen mirror in the iPhone control center. Apple AirPlay can transmit videos, audio and pictures from iPhone to car device to play to watch. It is fundamentally different from the Bluetooth wireless. The transmission carrier is WIFI.

Note: Only support iPhone mobile phones



#### **D. Android Cast**

Click the [Android Auto] button to enter the Android Auto. You need to scan the code with your mobile phone to download, install and run the application.

Turn on the Wi-Fi of the mobile phone first, then use your mobile phone to connect to the player's Wi-Fi, and after the connection is successful, Select application again and follow the prompts.

It can realize the mirror projection of the mobile phone and the car machine. Note: Only supports Android phones

#### E. WiFi video

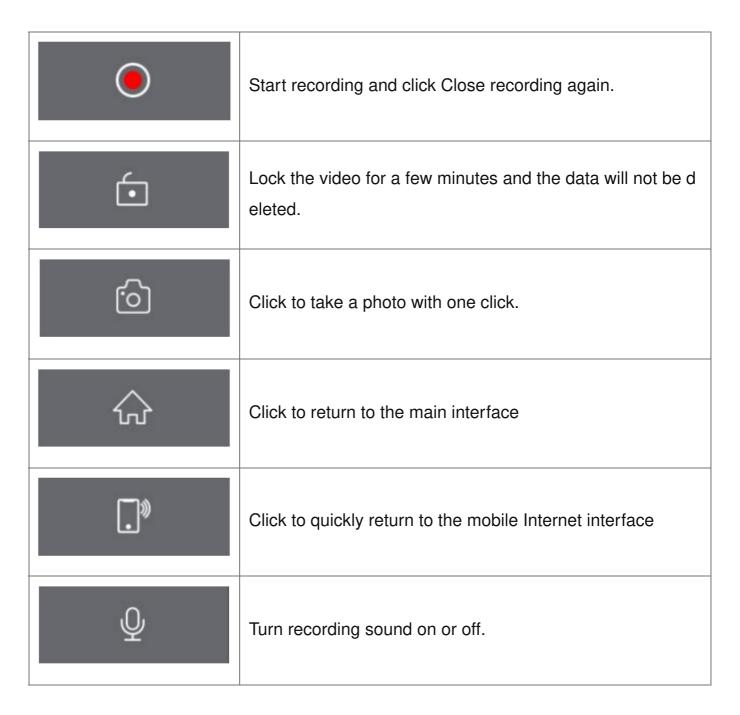
First scan the QR code to download the APP. After downloading, open the APP, and follow the APP prompts to connect to the WiFi of the machine. The APP allows you to view driving footage on your phone.

(Turn off the mobile phone WiFi key to disconnect. Some models do not have this feature.)

#### F. DVR



As shown in the figure, the main page will not display the camera image, you need to click the Dvr button to view the camera image. After inserting the card, the system automatically enters the recording mode.



Note: Some models do not have this feature.

#### G. Audio output

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

- (1) [Speaker]: The sound will be played from the speaker of the smart screen.
- (2) [Carplay/Auto]: 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.
- (3) [FM]: After selecting this mode, the FM transmission mode will be turned on by default. For example, if the device's FM transmit band is tuned to FM 106.0 MHz (any unoccupied channel can be used), the car radio will also tune its receive band to the same FM 106.0 Hz. After the connection is successful, all the sounds of the device will be transmitted to the original car speakers through FM transmission.

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

(4) [AUX]: 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.

### 8. Troubleshooting

It e m	Problem	Solution
1	Unable to start (Playe r supports 7V-32V car use, high voltage can not be used)	<ol> <li>Check whether the head of the cigarette lighter power cord is damaged or aging.</li> <li>Check whether the fuse of the power plug is disconne cted or burned. (Standard with wide voltage power supply, parameters may be slightly different, please consult customer service staff.)</li> </ol>

2	Touch screen function failure	<ol> <li>Touch is invalid during power-on, wait for normal powe r-on before operation.</li> <li>Check whether the touch is damaged, do not touch the screen with sharp objects, it is easy to scratch and damage.</li> </ol>
3	The rear camera has no image	<ol> <li>Please use the rear camera provided by the manufact urer.</li> <li>Whether the AVIN interface is inserted to the bottom.</li> <li>Check if the camera format matches.</li> </ol>
4	The system is stuck o r player overheating	<ol> <li>Avoid direct sunlight or exposure to sunlight during us</li> <li>e.</li> <li>After disconnecting the power supply, the temperature of player will be lower than 149 °F and work normally.</li> </ol>
5	CarPlay connection fa iled	<ol> <li>The first connection takes a little longer.</li> <li>Only iPhone supports Carplay.</li> <li>Check that the WiFi and Bluetooth functions of the mobile phone are normal.</li> <li>Enter Settings – General -CarPlay vehicle, delete all records and reconnect.</li> <li>Restart the iPhone and reconnect it.</li> </ol>
6	Android Auto connecti on failed	<ol> <li>Only Android phones are supported.</li> <li>Update Auto and related applications on mobile phone s to the latest version.</li> <li>Do not enable VPN on the mobile phone.</li> <li>Check that the WiFi and Bluetooth functions of the mobile phone are normal.</li> <li>Restart the Android phone and connect it again.</li> </ol>

**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.

#### 9. Product parameters

Name	CarPlay&Android Auto Player		
Chip	High-performance SOC		
Wireless system	Apple CarPlay, Android Auto		
Screen	IPS material		
Storage expansion	64G≤Class10 SD Card		
Wireless module	Wi-Fi, BT, FM Launch module		
Camera	1 or 2		
FM launch	Adjustable		
Reverse image	Automatic reversing video display		
Operating Voltage	7V-32V Adaptive		
Working power	Lower than 10W		
Material	ABS/PC		

#### **FCC Statement**

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: 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: The Grantee is not responsible for any changes or modifications not expressly approved by the party responsible for compliance. such modifications could void the user's authority to operate the equipment.

The device has been evaluated to meet general RF exposure requirement.

To maintain compliance with FCC's RF exposure guidelines, the distance must be at least 20 cm between the radiator and your body, and fully supported by the operating and installation configurations of the transmitter and its antenna(s).

#### English/Northern Ireland:

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

#### WARNING

To avoid danger of suffocation, keep this plastic bag away from babies and children. Do not use this bag in cribs, beds, carriages or playpens. This bag is not a toy.

## **Documents / Resources**



UNITOPSCI Car Play and Android Auto Player [pdf] Instruction Manual Car Play and Android Auto Player, Play and Android Auto Player, Android Auto Player, Auto Player

### References

- User Manual
- UNITOPSCI
- Android Auto Player, Auto Player, Car Play and Android Auto Player, Play and Android Auto Player, UNITOPSCI

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