

ShenZhen Exploter Electronics Co.,Ltd.

# Instruction Manual

**CarPlay AI Box**

Model No. AI-996

<http://www.naviinterface.com>

<http://www.exploter.com>

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## ◆ **Warning:**

- In order to protect the driving safety and avoid break the traffic law; please DO NOT watch videos while driving.
- Please DO NOT put the product in the damp environment or water, in order to avoid electric shock, damaged and fire accident caused by a short circuit.

## ● Description

ApplePie Mini is the 2<sup>nd</sup>.version of our ApplePie Series CarPlay Android Car Smart Box, which streaming video,audio and control data Such as touch ,the buttons on the steering wheel, the knob operation and so on, Through the OEM CarPlay USB OTG interface in the car, and mirroring the whole Android system to the OEM screen. User can control and operate Apple Pie on the OEM screen, powerful video decoding and playing ability, fully open software application environment.

## ● Features:

- Android 9.0 system, wireless CarPlay ,Wireless Android Auto into one module
- Provide Google Play store. Free download and install different APP software
- Full free and open system to DIY own ApplePie and different launch
- Dual built-in for hand free calling, Music and connect all kinds of TPMS, OBDII etc.
- Mirroring whole Android system to OEM Car screen via OTG plug
- HD Video display ,Watch YouTube, online navigation, online radio multimedia system
- Slip screen display and picture in picture
- OEM Touchscreen or OEM Buttons knob control
- Keep OEM Function ,not impact OEM features
- Easy to connect , power supply by OEM CarPlay USB port
- ApplePie can be used as a mobile WiFi route to be a hotspot to other device
- Strong specification to offer a stable performance
- WiFi,GPS Antenna all built-in the unit



## ● Compatible cars:



## ● Specification:

ITEMS	SPECIFICATION
OS Version	Android 9 . 0 ( GSM Available )
CPU	QualComm 8 Core Processor
Memory	4G LP DDR3 + 64G eMMC Flash
USB input	OTG*1 Port USB2.0
WIFI	802.11a/b/g/n/AC,2.4G+5G
USB input	OTG*1 Port USB2.0
TF Card	Support 128GB TF Card
Storage Temperature	-20°C-80°C
GNSS	GPS/GLONASS/Beidou
Power	5V-12V 2A.
Operation temperature	-10°C-70°C

## ● Unit Picture:

No need install, just connect USB to Car OEM CarPlay OTG Interface port

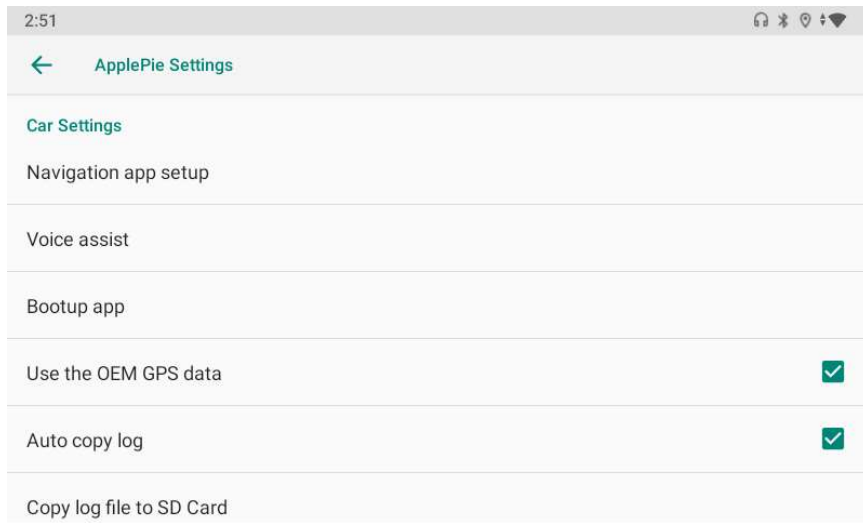


**Attention: ApplePie Mini accessories are only a USB cable and a Type C adapter as above photo**

- Compare with Other AI Android box:

Compare Items Features	ApplePie(Mini)	Competitor(R)	Competitor(A)
CPU Brand	Qualcomm	Rockchip	All Winner
CPU Cores	8Core 1.8GHz	6Core 1.8GHz	4Core 1.5GHz
DDR	4G	4G	2G or 4G
EMMC Flash	64G	32G	16G or 32G
WiFi	802.11a/b/g/n/AC,2.4G+5G	802.11a/b/g/n/AC,2.4G	802.11a/b/g/n/AC,2.4G
Mobile WiFi	No	No	No
4G LTE High Speed Network	No	No	No
Master Bluetooth (Master)	No	No	No
Slave Bluetooth (Slave)	No	No	No
GPS,Glonass,Beidou	Support	Support	No
Mobile Phone AGPS	Support	No	No
USB OTG Interface	Support	Support	Support
TF Card(Micro SD Card)	Maximum to 128G	No	No
SIM Card	Support	No	No
Android System	9.0	9.0	7.1
Android System Openness	All Open	Half Open	Half Open
Wireless CarPlay	Support	No	No
Wireless Android Auto	Support	No	No
Mirror Link	Support	Support	Support
Dual Screen Picture-in-Picture	Support	Support	No
Sound logic of the Original Car	Same sound as CarPlay logic, Watching Video and Navigation sound Can be mixed or suppressed.	Not in accordance with CarPlay's standard sound logic to handle	No sound logic, processing one size fits all, not mixed tone and depress
Power Supply	USB 5V	12V from Car Fuse	USB 5V

## ➤ About ApplePie's setting options



**Navigation app setup:** Allows you to specify an APP to join our navigation software whitelist, and the system handles the sound type of this APP in accordance with the navigation software.

**Voice assist:** Allows you to specify an APP to use the original car's voice button (long press for 3 seconds) or the voice button on the floating ball to wake up.

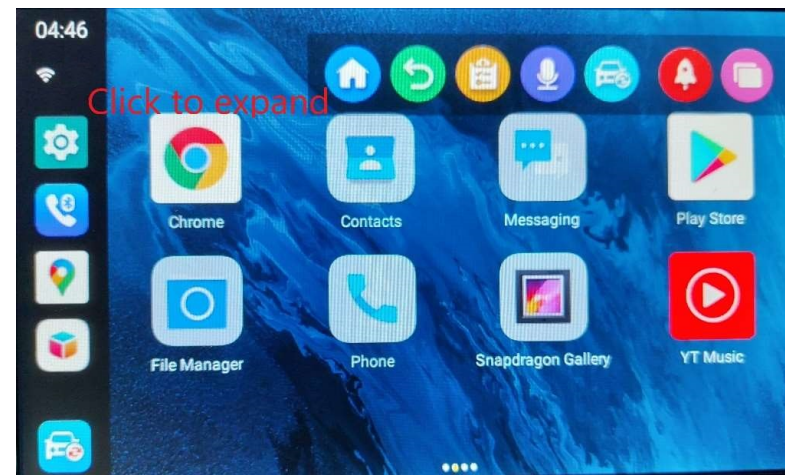
**Use the OEM GPS data:** If this option is checked, the GPS data output from the OEM navigation hardware can be used. If the test is OK, the GPS antenna can not be plugged in. The vehicle does not have navigation hardware, or has navigation hardware, but does not implement GPS data transmission function specified in CarPlay standard protocol, then you can't check this option, you can only connect the GPS antenna to obtain GPS data.

**Copy log file to SD Card:** Copy the log of startup and system operation to TF card, mainly for R&D and debugging. Simple insert TF card and it will make Log automatically.

## ➤ About floating ball



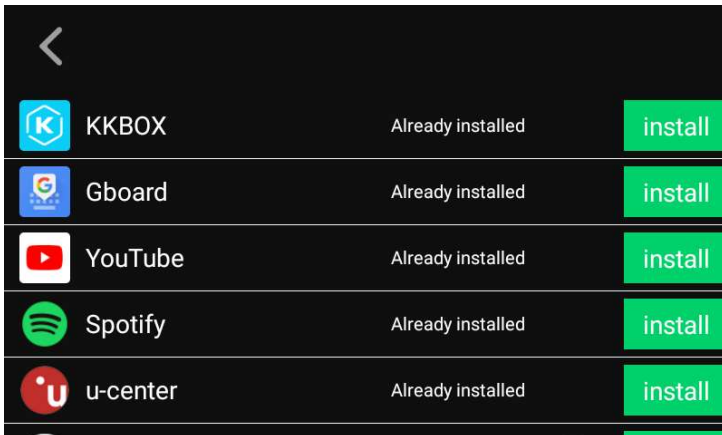
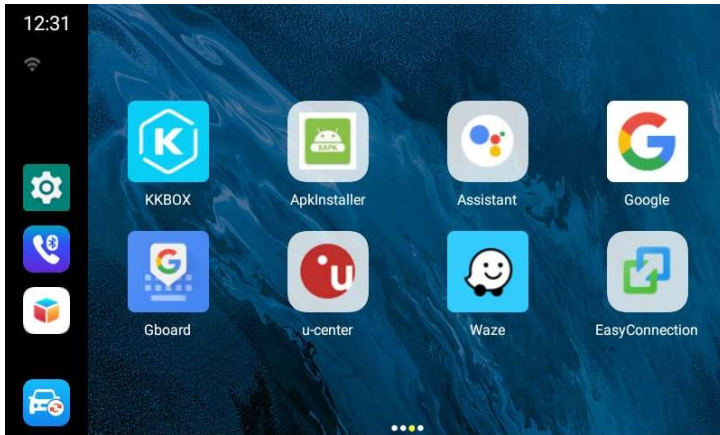
The functions of the row of buttons after clicking on the floating ball to expand are: Home, Return, Recently, Voice, Return to the original car UI, Clear memory, and one button slipt screen display





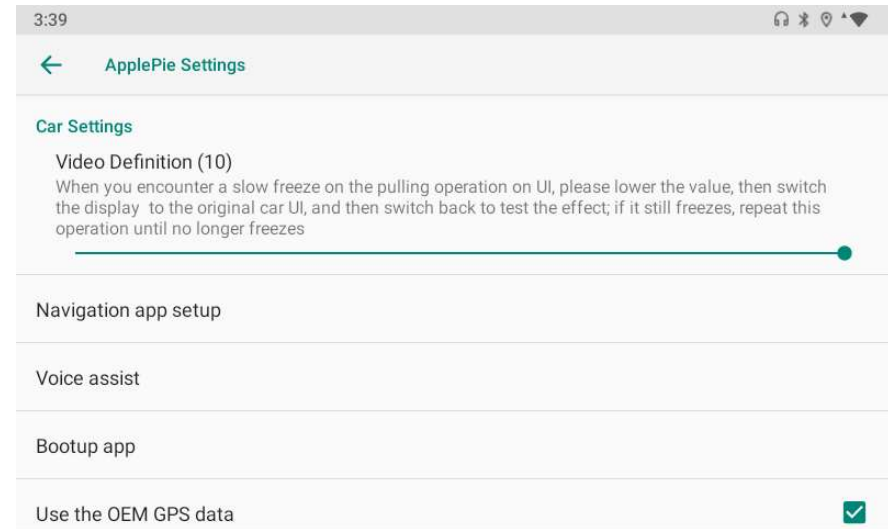
## ● Restore APPS:

ApplePie pre-install many applications. If you updated new version of the APPS, and found it not works properly, You can install the pre-install APP again by Install Manager in ApkInstaller.



## ● Resolution choosing:

The ApplePie Mini resolution support the highest 1920\*1080 and lowest 800\*480 , Please Drag the green bar below photo to choose the right resolution according to the OEM headunit, Which will ensure the video play smoothly.



## ● Firmware Update :

1. Download the firmware and copy file update.zip to empty TF card directly without unzip.
2. Insert it to TF Card slot , turn on the unit it will copy the file to the smart box.
3. After it finishing copy , it takes 6mins to update. wait till it retool.and take out TF card.

#### FCC Caution.

##### (1)§ 15.19 Labelling requirements.

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.

##### § 15.21 Changes or modification warning

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

##### § 15.105 Information to the user.

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.

##### RF warning for Mobile device:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.