

# INSTRUCTION MANUAL

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OEM MULTIMEDIA INTEGRATION  
CARPLAY • ANDROID AUTO • MIRRORING

CARVISION

Manual Ver.	1.3
Date	Jun 2021

# CarPlay



# CARVISION

## Android Auto



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## // CONTENTS

HIGHLIGHTS .....	5
MAIN INTERFACE .....	6
APPLE CARPLAY .....	7
Connect USB cable CarPlay .....	7
Connect wireless CarPlay .....	7
Disconnect wireless CarPlay .....	9
ANDROID AUTO .....	10
MIRRORING .....	10
Mirroring on iPhone .....	10
Mirroring on Android smartphone .....	11
USB MULTIMEDIA .....	12
SETTINGS .....	12
Audio Settings .....	13
WiFi CarPlay Settings .....	14
Bluetooth Settings .....	15
Advanced Features .....	16
UI Settings .....	17
Language .....	17
Information .....	18

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## // WARNING

To protect the driving safety of yourself and other road users, and to avoid breaking the traffic law in your respective country; please DO NOT operate the interface while driving. USB Video Playback is only to be used whilst stationary and NOT whilst driving a vehicle.

The reversing surveillance function is used in reversing assistance only. Please check the entire surroundings while reversing.

All steps of installation should be done by a well-trained specialist and professional.

During installation, the ignition key should be turned off. After installation is completed, connect the power cable last.

Please DO NOT plug or pull the connected cables when the power is on, this is to avoid damaging the monitor or accessory.

Install wiring in a way that cables will not encounter metal parts. The wiring may be damaged by contact with metal parts, resulting in fire and shocks. Avoid all contact with hot surfaces when wiring the main unit. High temperatures may damage wiring, causing shorts and fires.

Please DO NOT put the product in a damp environment or directly in water, to avoid electric shock, damage and fire accident caused by a short circuit.

Kindly check all components are in the box when receiving the product. If anything is missing, inform the supplier/manufacturer.

Start the engine before loading, and check the interface to see if the function display, key control and screen is correct. If this is not up to standard, please give feedback to the supplier/manufacturer.

Please keep the disassembled automotive components neat during the installation process, to avoid scratching the instrument panel. Any leftover connecting cables should not be left in the car. The connecting plug must be insulated to short circuit.

Make sure the cables are connected properly and neatly, as the vehicle installation space confined, so reduce space usage as much as possible. You should plan how you are going to connect the wires before installing, to avoid affecting the active component as this controls the steering wheel movement, throttle and brake pedal. Make sure the cables are fastened correctly.

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## // HIGHLIGHTS

Integrated 3 in 1 module supports wireless Apple CarPlay, wired Android Auto and screen mirroring

Quick wireless CarPlay connection without any pairing code

Auto switch CarPlay appearance (light or dark) depending on car headlights

Supports USB HD video (up to 1080P) and lossless music (APE, WAV, FLAC, MP3, WMA, etc) playback

Integrate DSP module and support audio EQ settings

Multi-adjustable volume including navi, multimedia, in call, ringer, voice assistant

Support AHD/CVBS front and rear view cameras

Auto enable front view after exiting reversing and easy setup its duration on menu settings (10s max.)

Adjustable dynamic parking guideline

One A/V input: RCA input and 720P HDMI input are alternatives (only for C3+ series)

Compatible with factory microphone and speakers

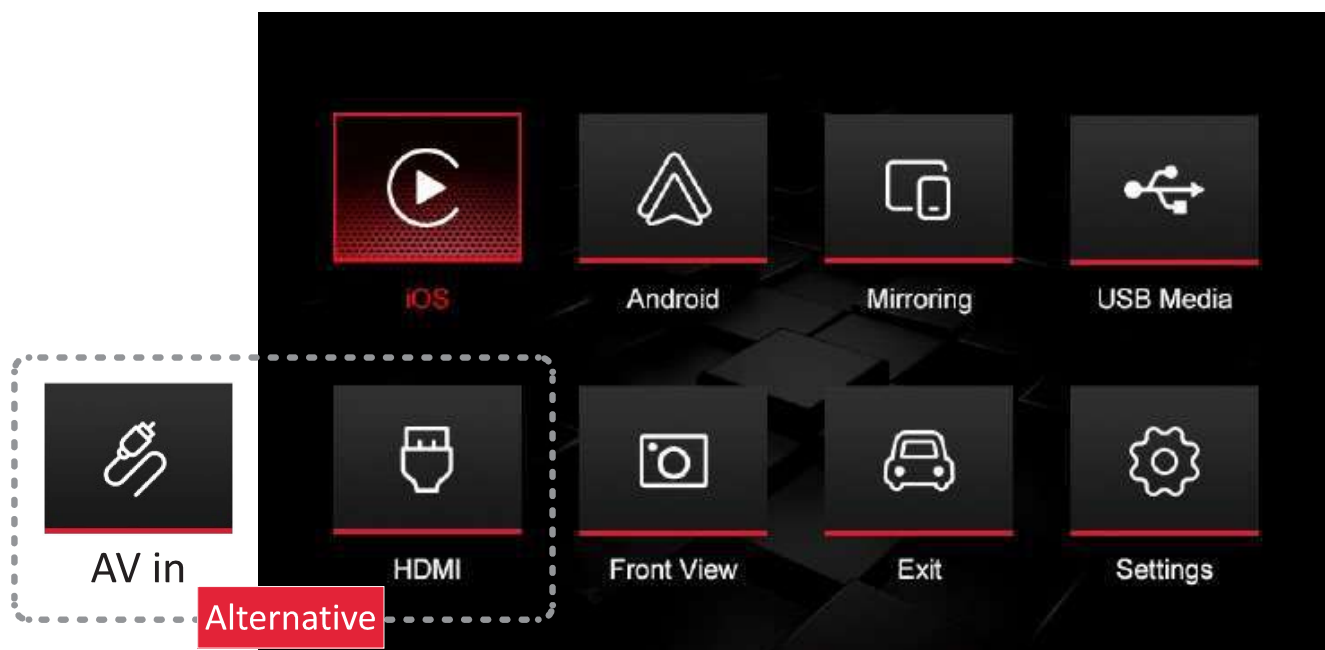
Integrate CAN-Bus reader for quick trouble shooting

One-button (original steering wheel) press and hold to reset the interface

Mobile phone charging

Further software update via USB

## // MAIN INTERFACE

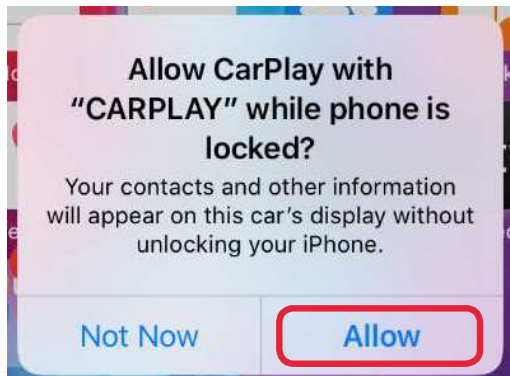


- iOS: Wireless & wired Apple CarPlay
- Android: Wireless & wired Android Auto
- Mirroring: Wired screen mirroring for iPhone, iPad & Android smartphone
- USB Media: USB flash drive multimedia playback (music, video, picture)
- AV in: RCA audio & video input
- HDMI: 720P HDMI input
- Front View: Front camera input
- Exit: Back to factory infotainment system
- Settings: More settings including connection, equalizer, volume, language, system version, factory mode, etc.

## // APPLE CARPLAY

### ■ Connect USB cable CarPlay

Plug in an iPhone with lightning USB cable, select "iOS" icon of interface to enter USB cable CarPlay function. Tap **"Allow"** on the iPhone pop-up notification. And tap **"Use USB Only"** if you just want to use wired Apple CarPlay.



### ■ Connect wireless CarPlay

#### ● I. (recommended)

Make sure turn on iPhone's WiFi (it doesn't matter connected some SSID or not) and Bluetooth (allow new connections). Then plug in iPhone with lightning USB cable, select "iOS" icon of interface to enter USB cable CarPlay function. Tap **"Allow"** and **"Enable Wireless CarPlay"** on the iPhone pop-up notification. Unplug the USB cable after about 10s, then it will switch to wireless Apple CarPlay automatically. It will keep wireless mode in the next time until turn off the iPhone's WiFi and Bluetooth.





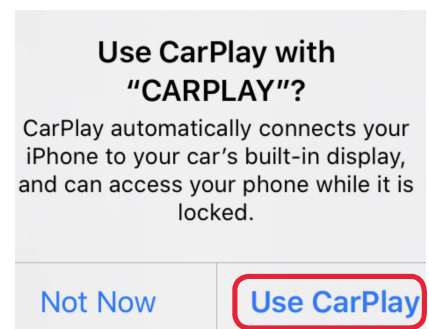
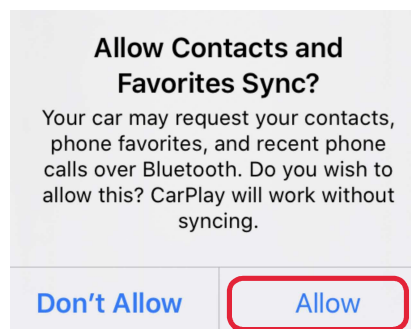
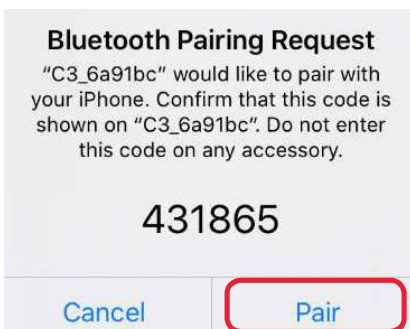
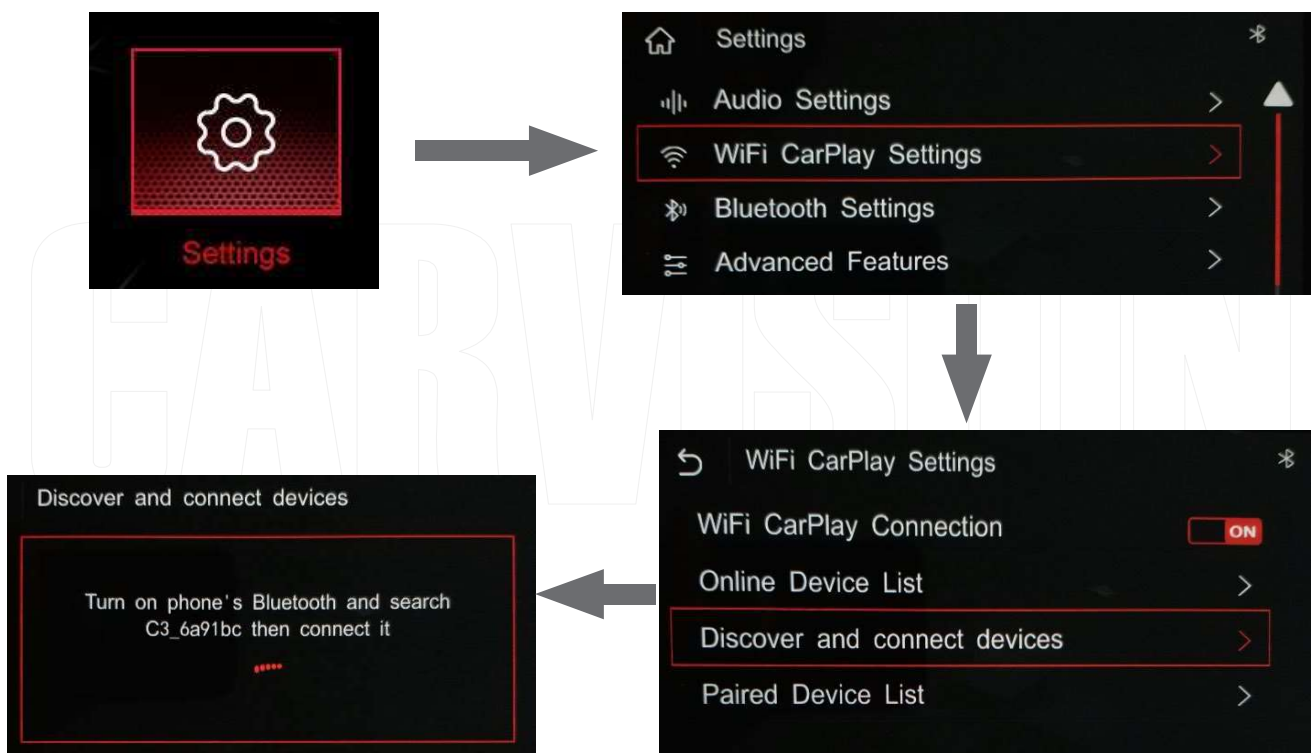
## ● II.

a. Select **"Settings"** icon of interface >>> **"WiFi CarPlay Settings"** >>> **"Discover and connect devices"**, and stay in the waiting menu.

b. Turn on iPhone's WiFi and Bluetooth, and search BT name **"CARPLAY\_BT\_XXXX"** then connect it with Bluetooth.

c. Tap **"Pair - Allow - Use CarPlay"** on the following pop-up notifications of iPhone.

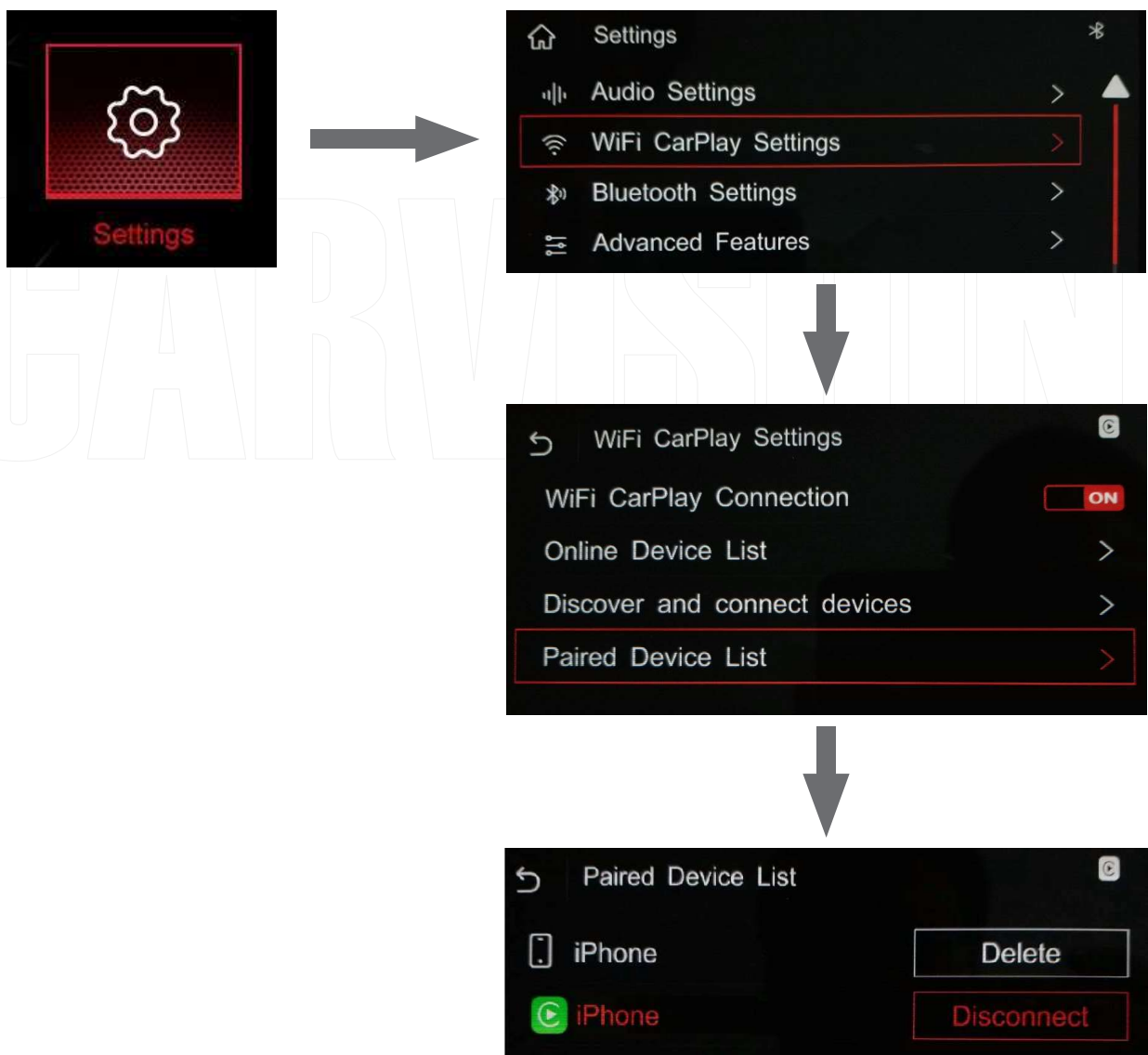
d. It will connect wireless CarPlay after a few seconds.



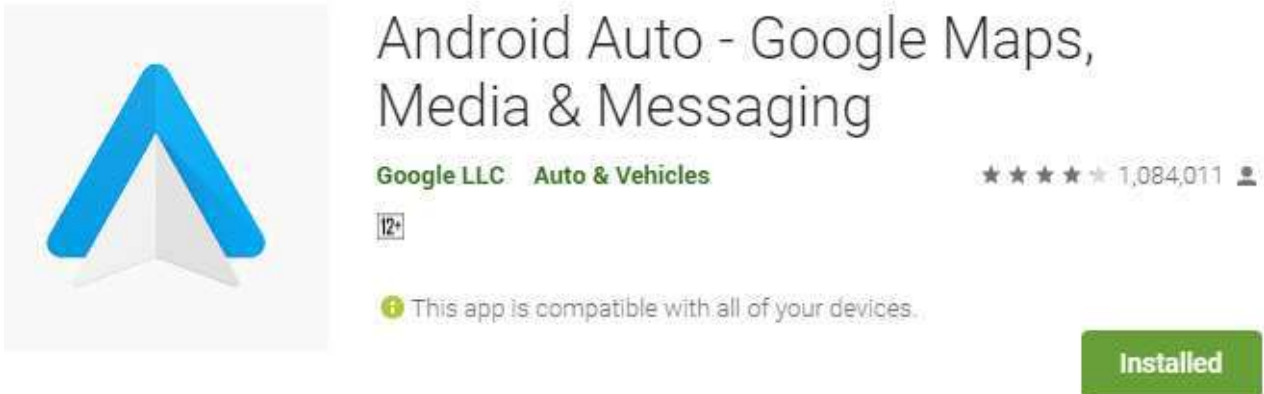


## ■ Disconnect wireless CarPlay

- a. Select "**Settings**" icon of interface >>> "**WiFi CarPlay Settings**" >>> "**Paired Device List**".
- b. Select and tap the device name that you want to disconnect, then it will disconnect this device. (*Note!* Tapping the device name again after disconnecting will delete this device connection history)
- c. Go to "Online Device List" and select the device will re-connect wireless CarPlay with this device.



## // ANDROID AUTO



Before using Android Auto, please make sure the latest Android Auto app is installed on your smartphone.

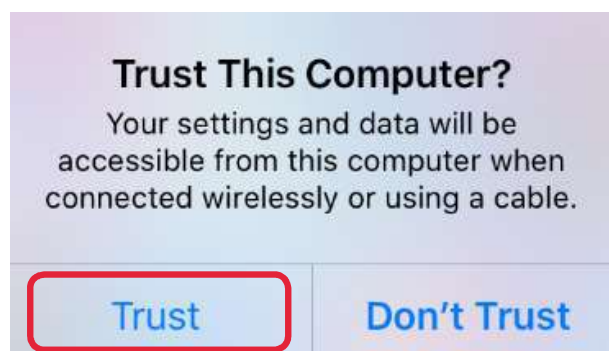
C3 interfaces support wired & wireless Android Auto. To use wired Android Auto please plug in the Android smartphone then select "**ANDROID**" icon on interface. Unplug the USB cable after about 10s and keep WiFi and Bluetooth on, it will switch to wireless Android Auto. Or you could also pair your smartphone to interface's BT (refer to page 8) to connect to wireless Android Auto.

Note. Android Auto is supported on 1. Any Android smartphone running Android 11 or newer with 5GHz Wi-Fi built-in; 2. A Google phone or 3. Some Samsung Galaxy phones.

## // MIRRORING

### ■ Mirroring on iPhone

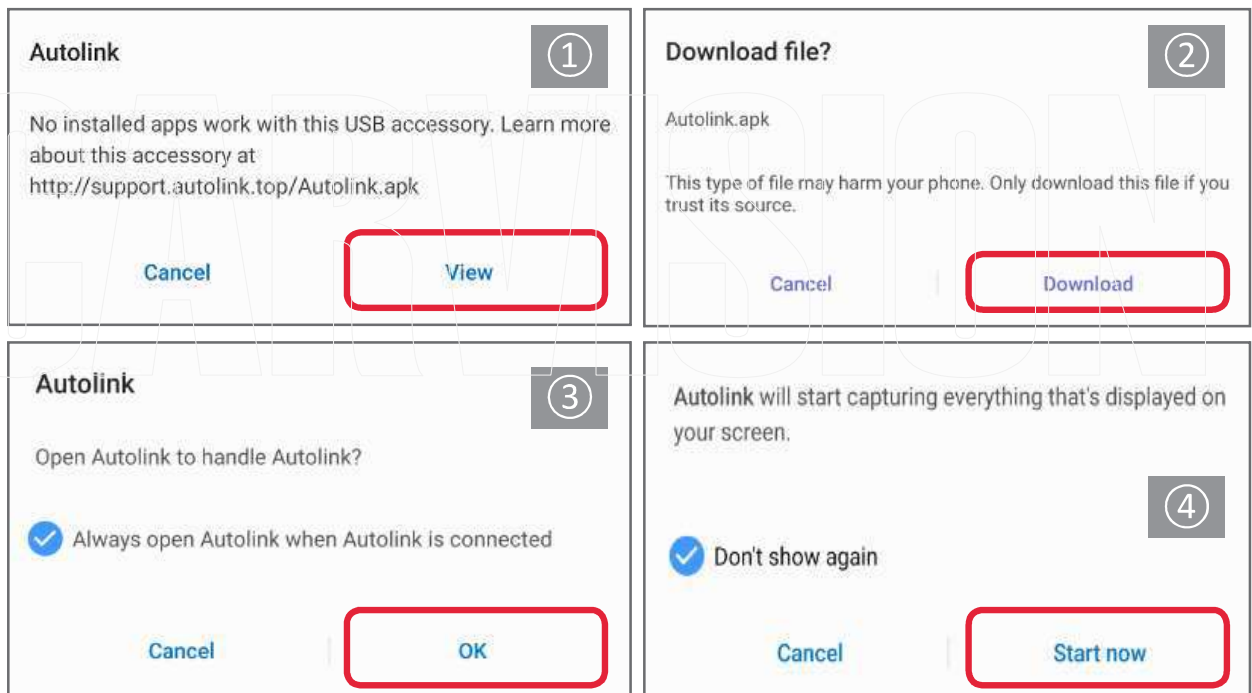
Select "**Mirroring**" icon of interface, then plug in an iPhone with lightning USB cable. Tap "**Trust**" on the iPhone pop-up notification. Then enter your iPhone unlock screen passcode.



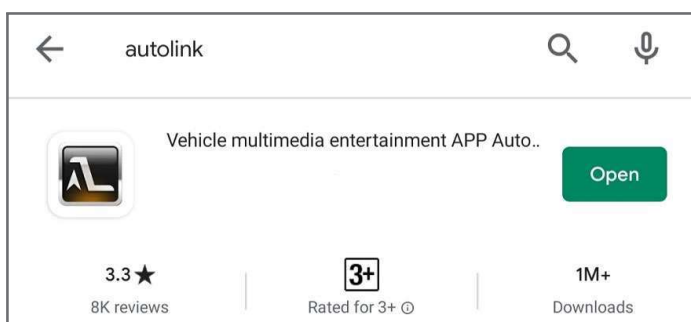
## ■ Mirroring on Android smartphone

### ● I.

- a. Select "**Mirroring**" icon of interface, and plug in a smartphone with USB cable.
- b. Tap "**View**" and "**Download**" on Android smartphone's pop-up notifications to download and install the app: **Autolink**.
- c. After the installation finish, disconnect and reconnect the USB cable.
- d. Tick "**Always open Autolink when Autolink is connected**" and tap "**OK**"
- e. Always tap "**Allow**" on the next 3 notifications. Then tick "**Don't show again**" and tap "**Start now**"
- f. Tap "**OK**" on Bluetooth pairing request menu. Done!



### ● II. Google Play



Search & install "**AUTOLINK**" on Google Play Store.

Select "**Mirroring**" icon of interface, plug in the smartphone with USB cable.

Follow the "**d, e, f**" steps above.

## // USB MULTIMEDIA

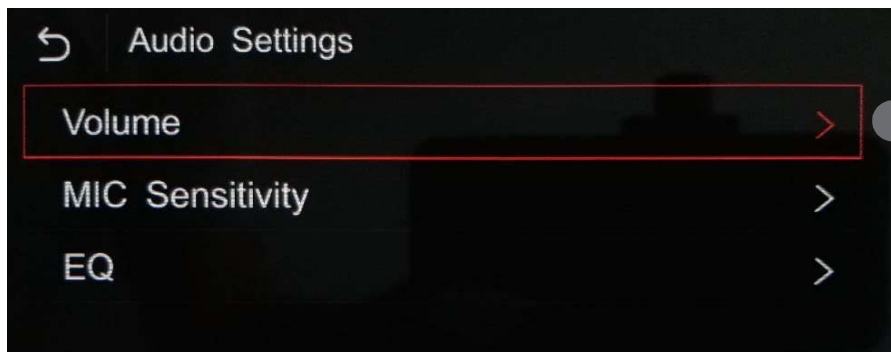
Insert a USB flash drive, select "USB Media" icon of interface to play music, video, pictures.



## // SETTINGS



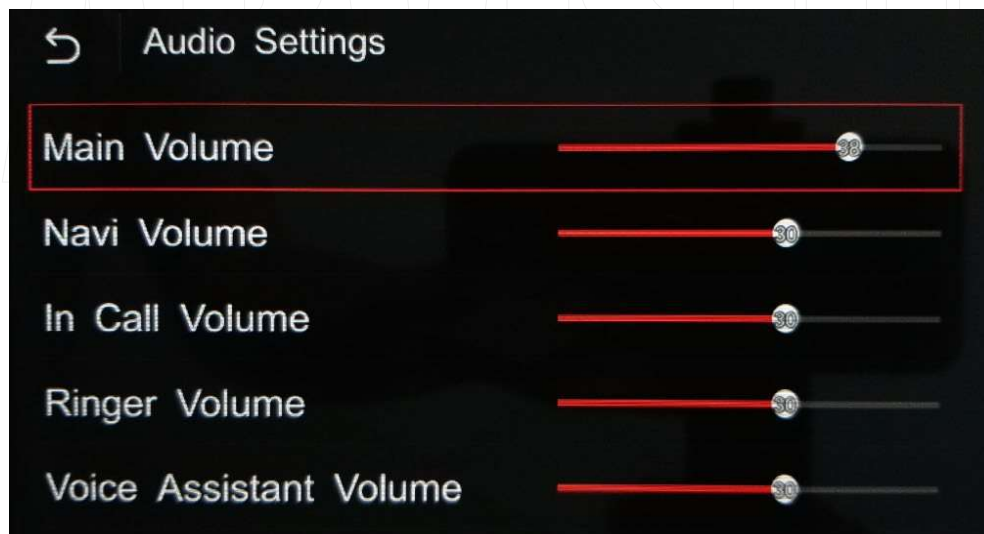
## ■ Audio Settings



**Volume:** all kinds of separate volume adjustments including main multimedia, navigation, in call, ringer, and voice assistant volume.

**MIC Sensitivity:** microphone's volume levels (Low/Medium/High, and Medium is default)

**EQ:** equalization settings in music playback, includes standard, soft, pop, electronica, jazz, rock, classical, custom, etc.



**Main Volume:** volume level control for music, video playback, etc.

**Navi Volume:** volume level control for navigation apps

**In Call Volume:** volume level control for phone talking

**Ringer Volume:** volume level control for ringtone

**Voice Assistant Volume:** volume level control for Siri, Google Assistant, etc.

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## ■ WiFi CarPlay Settings



**WiFi CarPlay Connection:** enable wireless CarPlay connection. Changing status from OFF to ON will restart the interface.

**Online Device List:** in here you can find the connected online iPhone list, and easy to select which one to use wireless CarPlay.

**Discover and Connect Devices:** discover and connect a new mobile phone for using wireless Apple CarPlay or Android Auto ([refer to page 8](#)).

**Paired Device List:** all the connected mobile phone history list. You can disconnect and delete device in here ([refer to page 9](#)).

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## ■ Bluetooth Settings



**Connection:** ON/OFF button for Bluetooth connection.

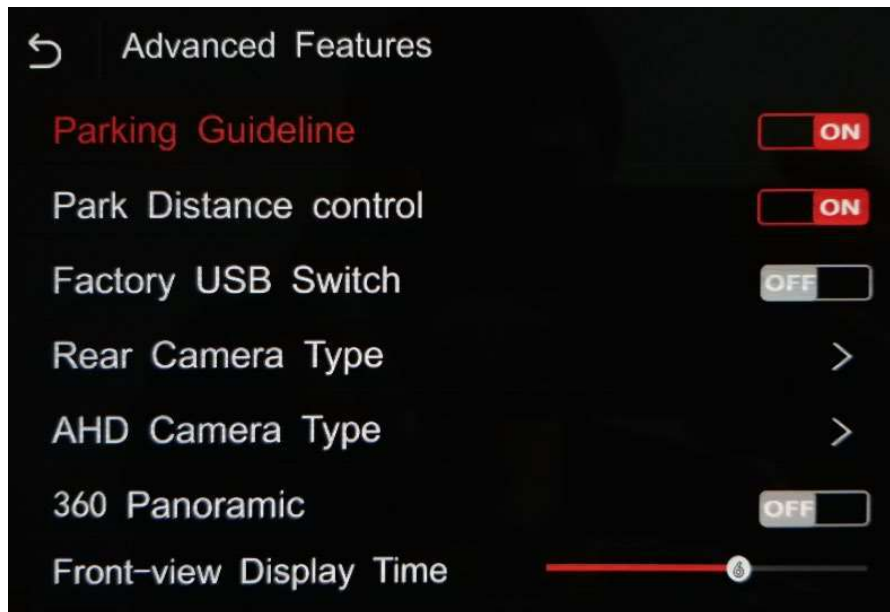
**Pairing:** connect to a new Android device by manual (normally, BT will auto-connect after plugging in Android smartphone with USB cable).

**Clear Records:** delete all paired BT history.

**BT Paired Device List:** check the paired device.



## ■ Advanced Features



**Parking Guideline:** enable dynamic parking guideline on aftermarket rear view system.

**Park Distance Control:** enable parking distance control on aftermarket rear view system.

**Factory USB Switch:** N/A. Set "OFF" by default.

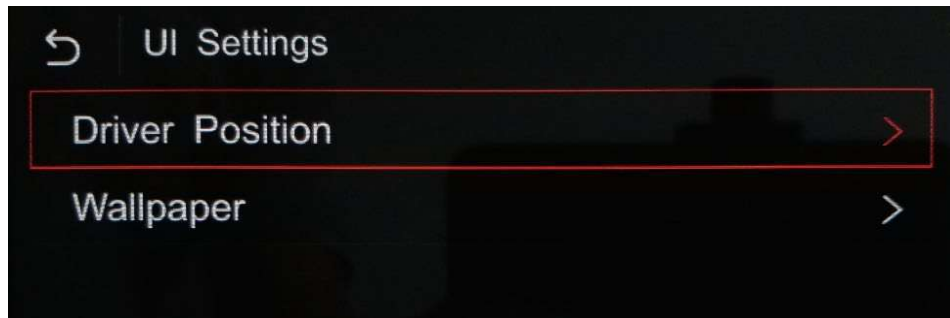
**Rear Camera Type:** option for rear camera type (aftermarket and original). Aftermarket means install an add-on reverse camera. Original means factory reverse camera or none camera.

**AHD Camera Type:** option for AHD cameras (30fps or 25fps). The screen will be black when reversing if the option differs from your AHD camera.

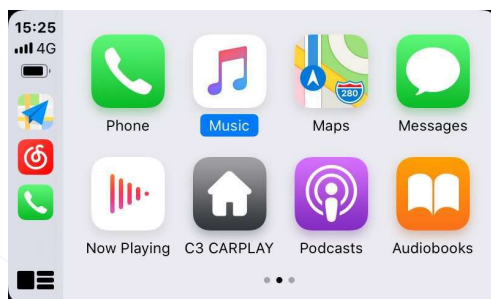
**360 Panoramic:** use factory 360 panoramic system.

**Front-view Display Time:** set front view camera duration after shifting from R gear. 10s max and 0 means disable front view.

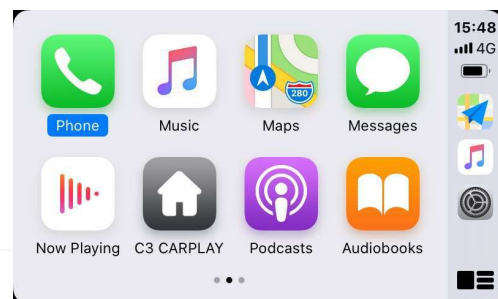
## ■ UI Settings



**Driver Position:** Left/Right layout on Apple CarPlay mode.



Left

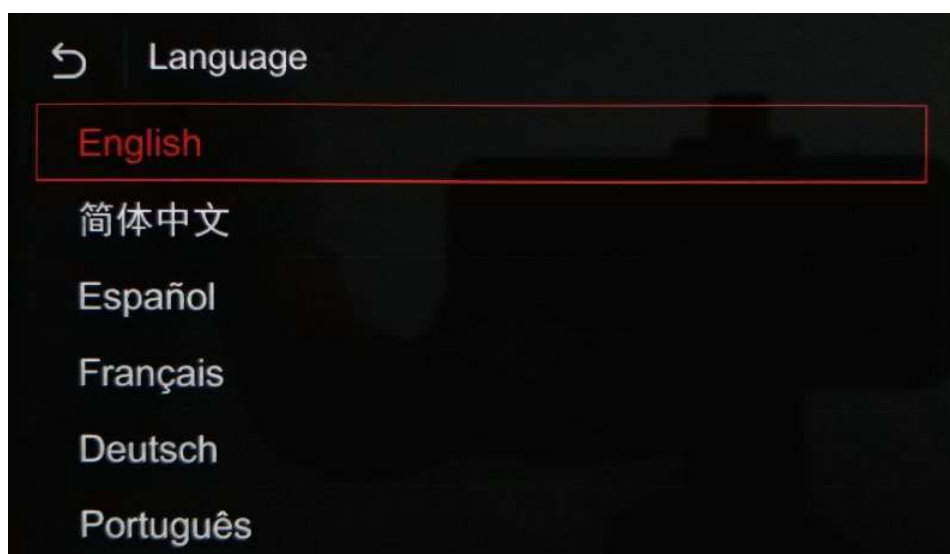


Right

**Wallpaper:** setup for interface's background wallpaper.

Support importing a new picture from USB flash drive: insert a USB stick and select the + icon to choose the picture. Note! Only the last wallpaper can be replaced each time.

## ■ Language



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## ■ Information



**About Version:** hardware and software version.

**Reset:** clear cache. This will clear BT and WiFi connection history.

**Factory Reset:** reset the interface to its factory default settings. This will erase all data/settings.