

# Instruction Manual

**CarPlay Andriod Auto For Benz NTG4.0**

<b>Model No.</b>	<b>CP-NTG4.0-102</b>
CP-SW Ver.	C8.0
Manual Ver.	3.0

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## ● **Warning:**

- In order to protect the driving safety and avoid break the traffic law; please DO NOT operate the interface while driving
- The reversing surveillance function just is used in reversing assistance. Please check the entire surroundings while reversing
- All steps of installation should be done by the well-trained specialist
- During installation, the ignition key should be taken off and after all installation finished, connect power cable last. Please DO NOT plug or pull the connected cables in the state of power-on, in order to avoid damaged monitor or accessory
- Install wiring in a manner in which cables will not come in contact with 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, arcing and fires
- 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
- Kindly check all components are in the box when receiving the product. If anything missing, inform to the supplier/manufacturer
- Start the engine before loading, check the interface whether have function displayed, key control whether correct, the vehicle interface whether having a scratch. Please give the feedback to the supplier/manufacturer if there have any questions.
- Please note that put the disassembled automotive components in a good way on the installation process, avoid scratching the instrument panel, the leftovers of connecting cables need to handle and DO NOT leave it in the car. The connecting plug must be insulated in order to short circuit
- The cables should be connected in a good way; the vehicle installation space is a little small, so reduce space usage as far as possible. There should be a good plan about connect cables, avoid affecting the active component of connecting, such as control components of turning the steering wheel, throttle and brake pedal. There need to be fastened after connecting cables in case of a drop.

● **Compatibility:**

Brands	Models	Years	OEM System
Benz	C Class	2006-2009	NTG4.0 With Square Plug LVDS
	E class		
	CLS Class		
	GLK		
	W221 S Class ( different set)		

## ● Features:

- Apple Wireless CarPlay ,Android Auto ,Screen mirroring Intergrated 3 in 1 module
- Support USB HD Video play and stream music play back (WAV, Flash,MP3,WMA,APE etc)
- Offer 3 CVBS input (One CVBS for reverse camera video, one CVBS for front view camera and one CVBS for left or right view camera)
- Support PDC (Parking Distance Control) and FPG (Flexible Parking Guidelines)
- Supply 12V power to the backup camera
- Sound delivery to car speaker by OEM AUX
- Display front view camera automatically when shifted from “R” gear (DIP setting)
- VGA input for specific 360 panoramic system with a clearer picture
- Operate by OEM iDrive controller steering wheel buttons Knob
- Support further software update



Apple CarPlay



Android Auto



Mirroring



USB multimedia



FPG



PDC



2\*CVBS in



Software update

● Packages Components:



Main Unit  
Dimension:143\*88\*28mm



Quadlock Power Cable



LVDS cable

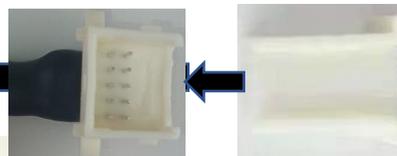
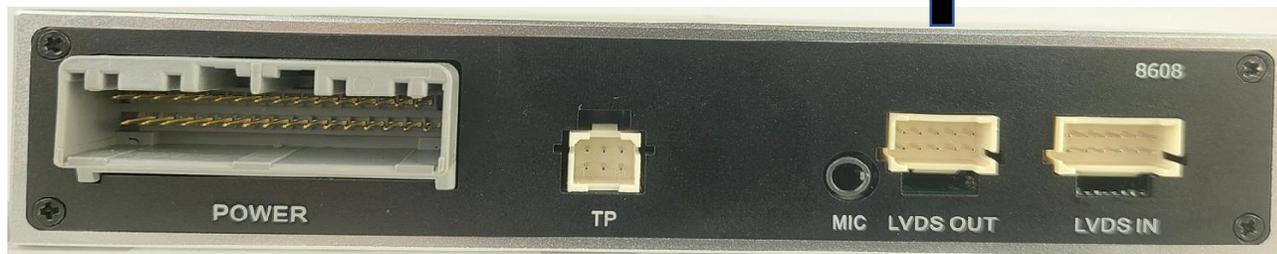


Microphone

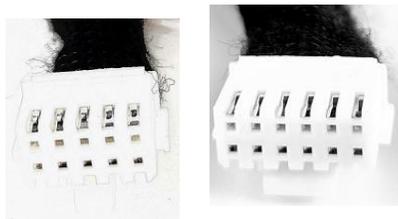


Antenna

# ● Connection Diagram



LVDS out cable from interface ,one plug to interface ,The Male LVDS connect from car H.U CD Insert to offered Female Plug



The LVDS In offered from interface, One plug to interface, Male plug insert to LVDS port of Head Unit CD

Plug to OEM Power port on Head Unit

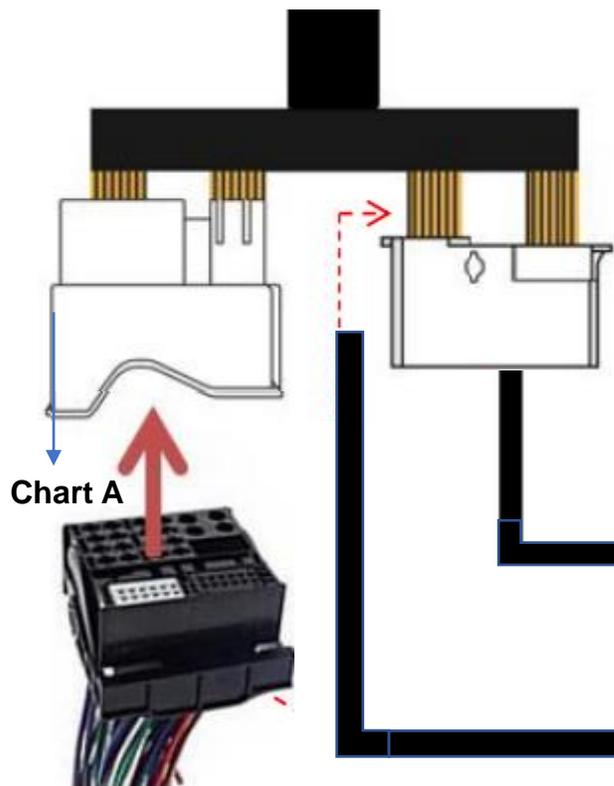


Chart A

Connect the power port from OEM head unit

USB Connector

● Chart A



Rear Cam 12V out



Front/Left/Right Cam-Power 12V



Reverse light(360 detect) 12V



Reverse CAM Video input



Front CAM Video input



Left/Right CAM Video input



Aux wire built-in power cable



How to delivery audio to car speaker?

Choose AUX in OEM menu before entering to CarPlay interface , Sound will be delivery to car speaker.

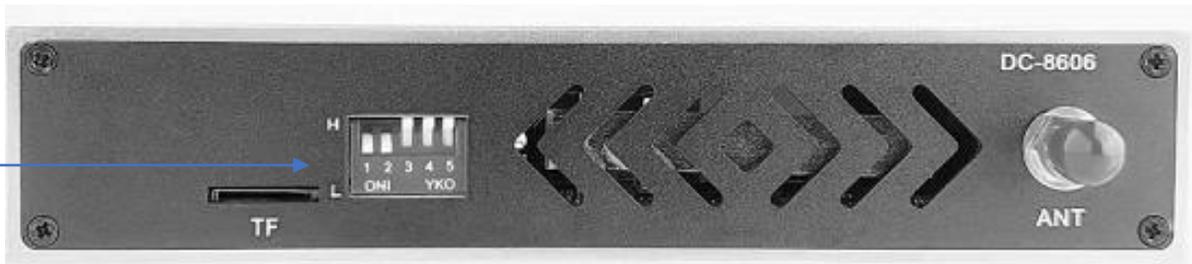


## ➤ DIP Setting



**Attention:** Please reboot the interface after any DIP setting for effective

Applied to	1	2	3	4	5
7"	L	L	L	H	H
5.8"	L	L	L	L	H
7"	L	L	L	H	L
5.8"	L	L	L	L	L



## ● Operation Instruction

### ➤ How to switch interface menu from OEM menu

For E/C/CLS/ML/GLA class



Long press to switch to Interface Menu ,Short press back to car OEM Menu

- 1.Press to enter the APP ,
- 2.Press left and down to choose last & next of media
- 3.Press up and down to control the arrow move

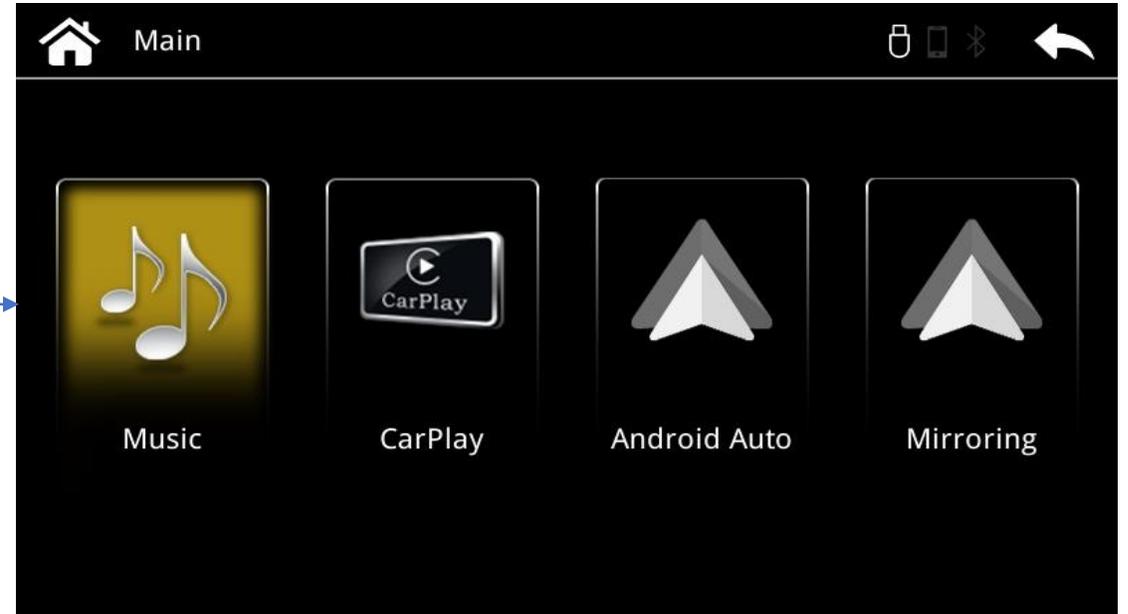
Return to last page

For S class



Long press to switch to Interface Menu ,Short press back to car OEM Menu

Return to last page



USB Media

Apple CarPlay

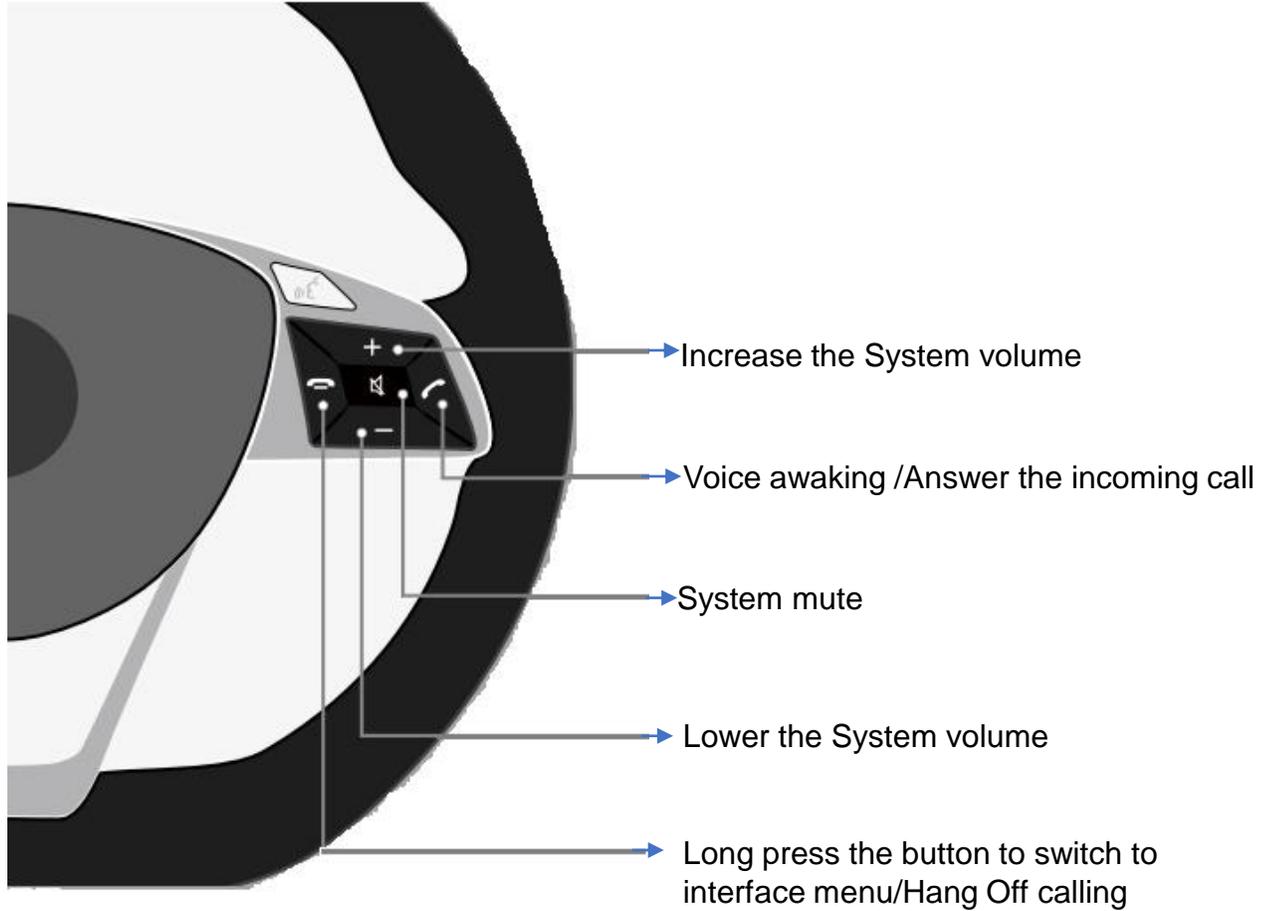
Android Auto

Mirror Link

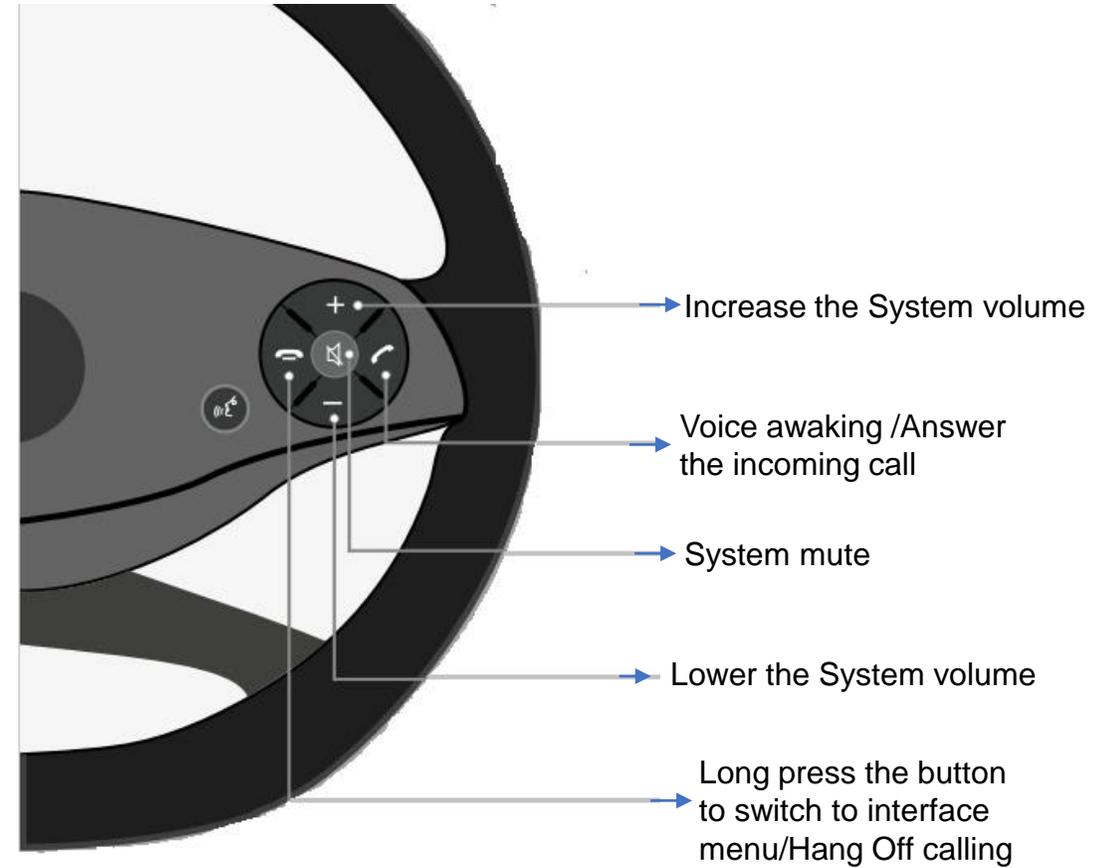
P.S:Knob control is as same as E class as above shows

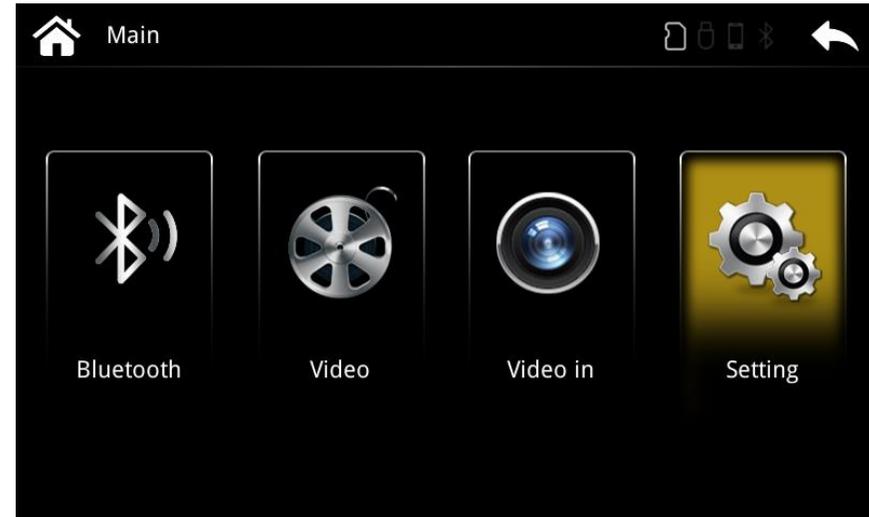
## ➤ How to control Interface by Steer Wheel button

For E/C/CLS/ML/GLA class

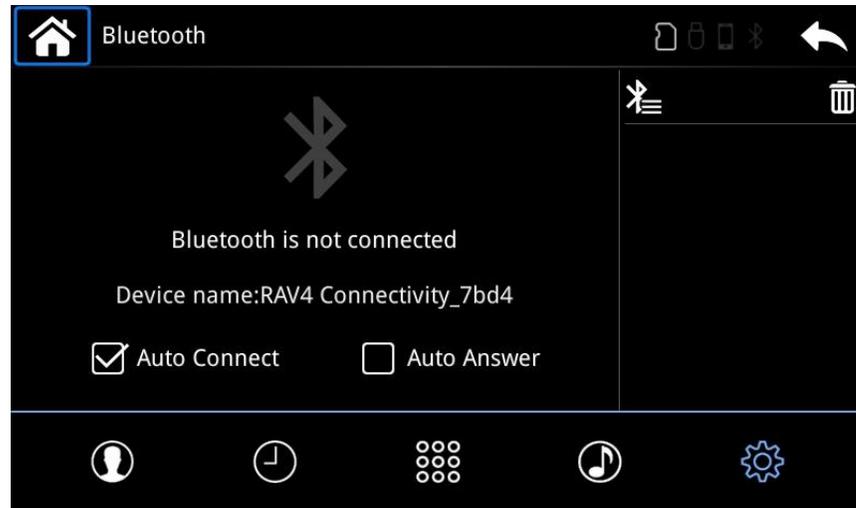


For S class





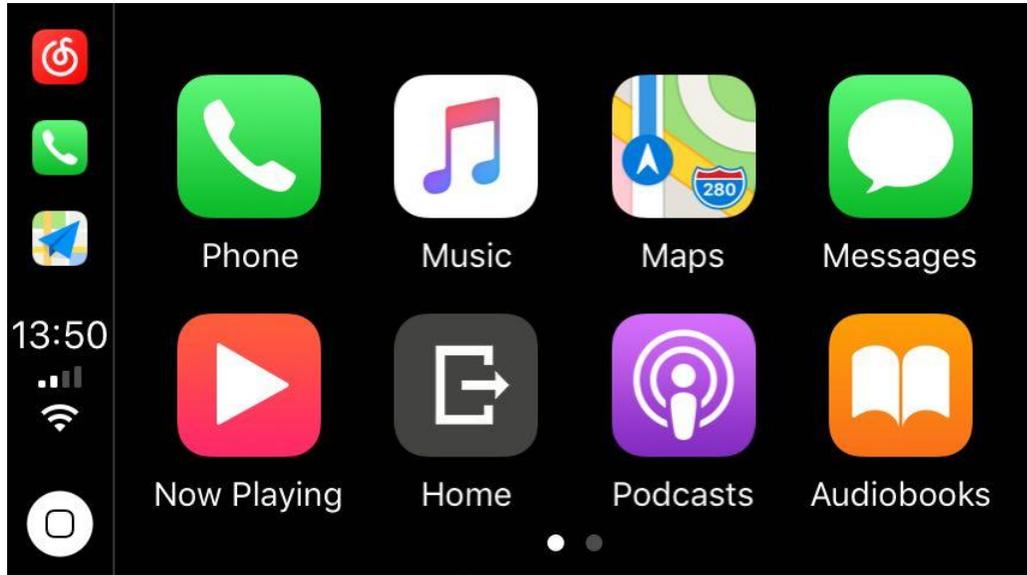
Bluetooth      Video Play      Add Video device      Setting



## ➤ How to Connect to Interface?

1. Long press APP button on OEM panel to switch to interface
2. Click Bluetooth icon on main menu and Turn on Iphone Bluetooth and Pair Bluetooth with interface by code 8362. It will connect to WiFi of interface automatically, iPhone will remind to use CarPlay of RAV4 Connectivity
3. Please confirm to enter to CarPlay automatically
4. It will switch to add on module UI automatically when a Phone/USB cable connected
5. Click  to back to main menu
6. Click  to back/return to last menu
7. Checked  Auto Connect ,CarPlay will run automatically in next time.

## ➤ Apple CarPlay



1. Click the Benz/Home icon to return to home menu on CarPlay menu
2. Sound delivery via Aux, Choose AUX on car multimedia menu firstly before enter to CarPlay
3. Disconnect the Bluetooth between the phone and car stereo when using Apple CarPlay.

## ➤ Android Auto



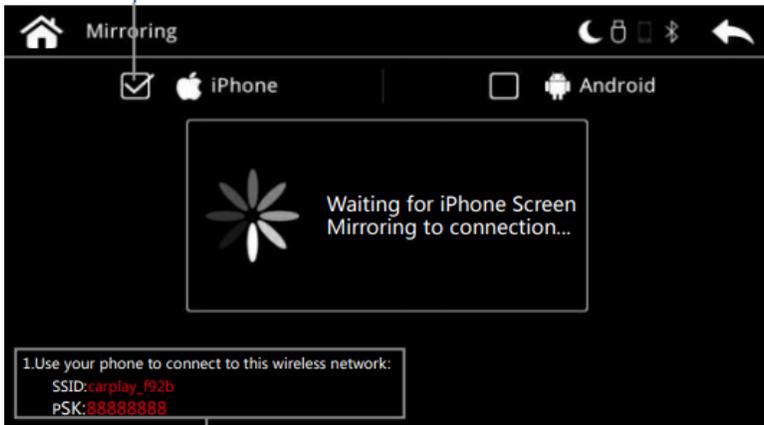
## ➤ How to connect Android Auto?

1. Pair Bluetooth and connect phone with the interface by USB cable.
2. USB cable should be original smartphone USB cable.

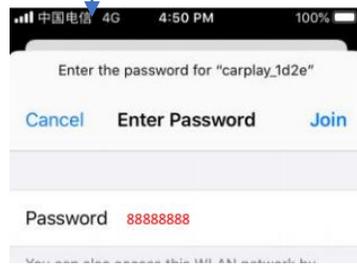
# ● Mirroring

## ➤ Iphone AirPlay

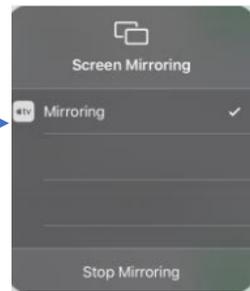
1. Click Mirror link on interface main menu .Choose iPhone and Connect the wireless network at the left foot as below by iPhone.
2. Turn on Screen mirroring on iPhone. Disconnect Bluetooth with iPhone and the interface



Search the SSID in WiFi name with Iphone WLAN



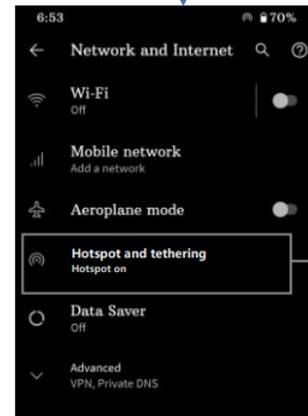
Input password in



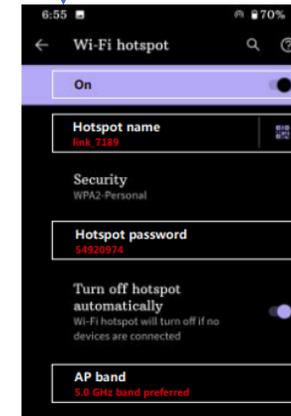
Turn on Mirroring on Iphone shortcut menu

## ➤ Android Phone Mirror link

1. In mirroring page, Checked Android, And follow the below phone shows SSID & PSK (Please ask distributor to get MLINK APK)



Turn on hotspot in network and internet of Smartphone

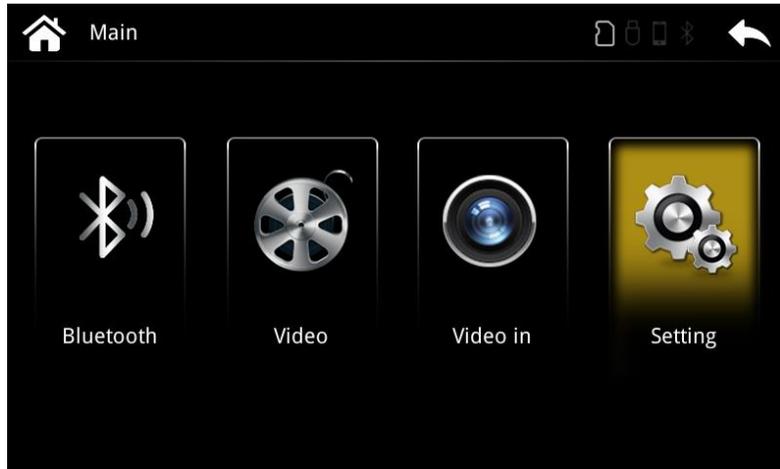


Turn on hotspot and change it to SSID name with PSK & checked 5G



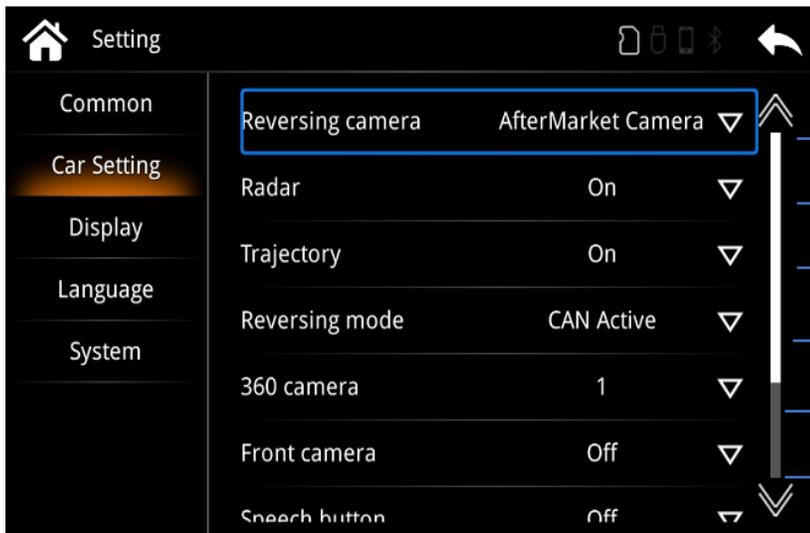
Turn on MLINK to choose use it immediately

## ➤ Multimedia Player



Simply insert USB drive to the USB port on the module, click Video to play the multimedia via the USB drive.

## ➤ Car Setting



- ➔ Choose Camera
- ➔ Parking sensor
- ➔ Reverse Guide lines
- ➔ Reverse Mode
- ➔ Reverse Mode
- ➔ Font Camera

## ➤ System Summary

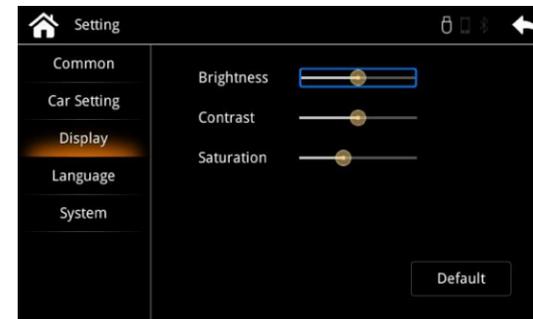
### Switch of Phone link automatically



### Language list



### Contrast Adjustment



### System

