

User Manual

BMW Carplay Head unit



Apple CarPlay



Android AUTO

Features

- Support wireless Carplay connection
- Support USB carplay connection
- USB Android auto is available to connect with your Android phone
- Support USB audio and video playback function
- Keep all original car features, reverse/front view, PDC function, etc
- Free switch between original car system and Carplay system
- Plug and Play, installation without coding or slicing OEM wires
- Control by OEM joystick and steering wheel buttons

Compatible radio

Series	Manufacture year	Car model
1 series	2005-2012	E87/E88/E81/E82 (NO OEM screen)
	2012-2016	F20/F21
2 series	2012-2016	F20/F21
3 series	2005-2012	E90/E91/E92/E93(NO OEM screen)
	2013-2017	F30/F31/F34
4 series	2013-2017	F32/F33/F36
5 series	2004-2010	E60/E61

5 series	2011-2016	F10/F11
6 series	2003-2010	E63/E64
X1 series	2009-2015	E84
X3 series	2004-2010	E83(NO OEM screen)
X5/X6 series	2008-2014	E70/E71

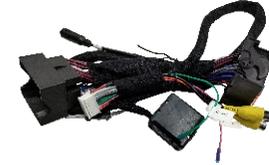
Packing list



1* carplay head unit



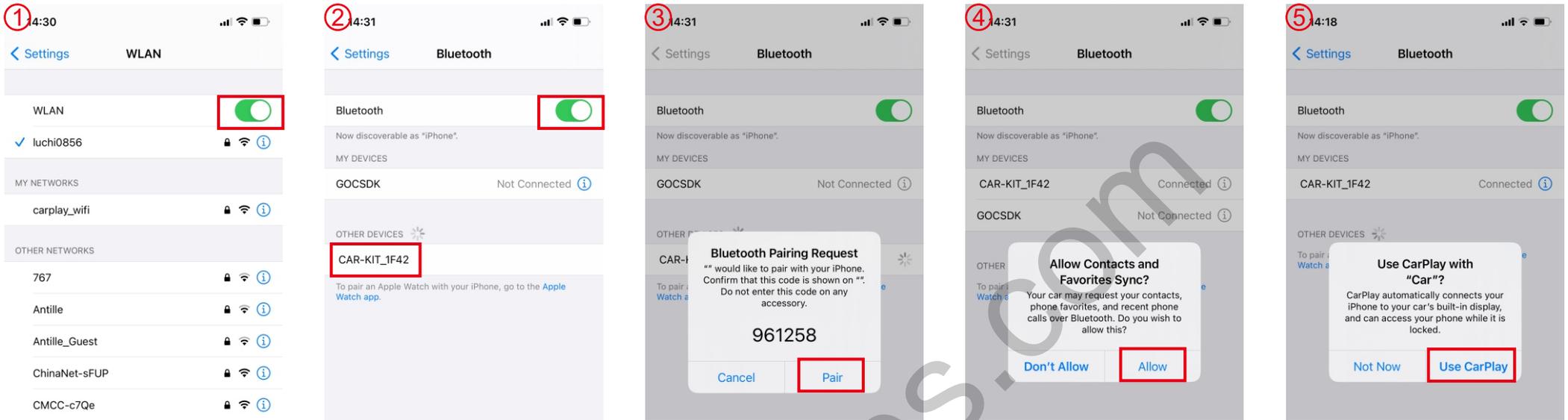
1* USB cable



1* power cable

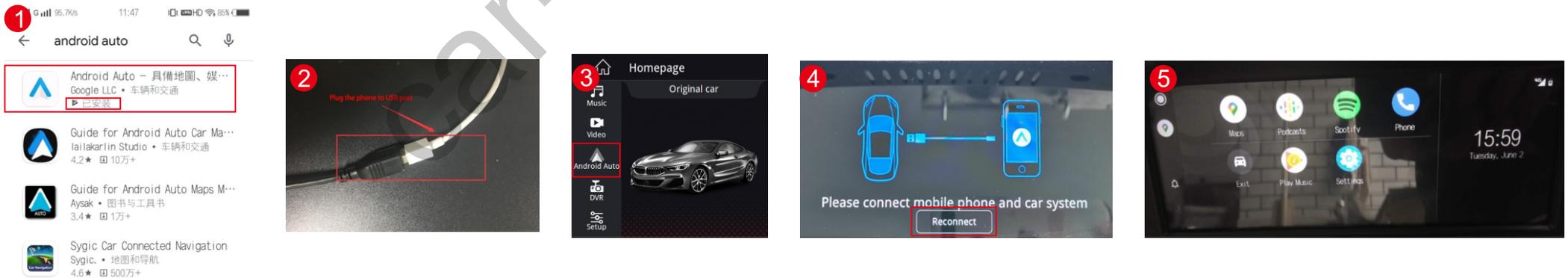
Wireless Carplay connection

1. Turn on Wifi on the iPhone.(①)
2. Turn on Bluetooth on the iPhone, search carplay's Bluetooth.(②)
3. Pair the Bluetooth.(③)
4. After successful Bluetooth pairing, select 'Allow' and Use 'Carplay' .(④⑤)
- 5.Connected to Carplay successfully, the screen will automatically enter the Carplay interface.



Wired Android auto connection

1. Download Android auto APP authorized by google on your phone.
2. Connect your phone to the USB port via USB cable.
3. Click 'Android auto' icon on your screen.
4. Click 'Reconnect', then Android auto will be connected and enter Android auto interface.



USB audio and video function

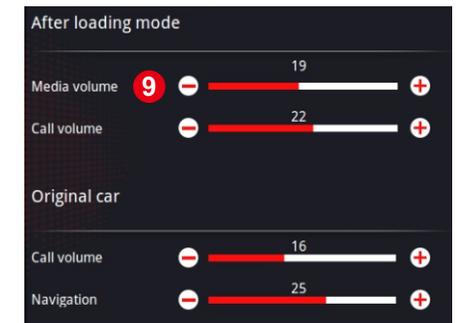
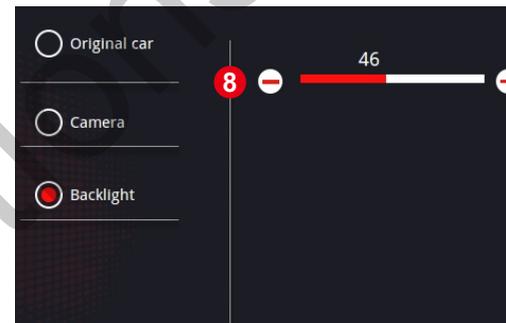
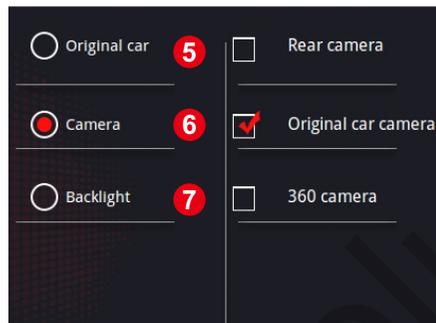
Audio format support: MP3, WMA

Video format support: MP4, AVI, MPG, 3GP, FLV, MOV, MKV

1. Copy the audio or video file to the root of USB flash drive (FAT32).
2. Click 'Music' or 'Video' icon to open the file.

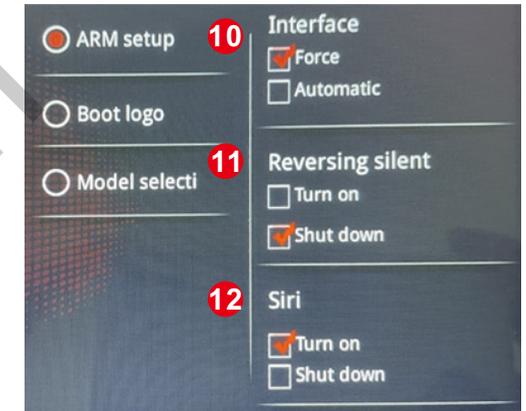
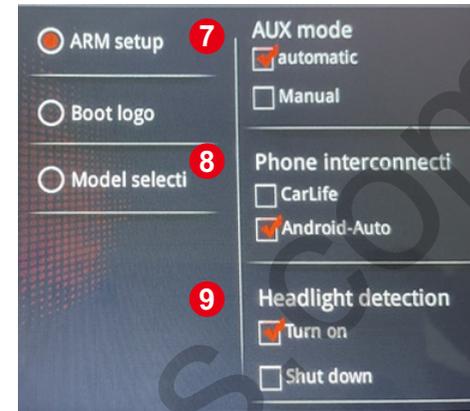
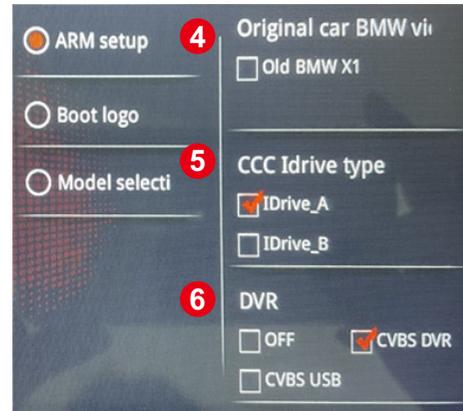
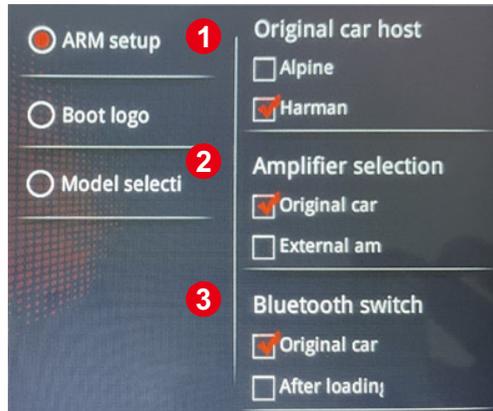
Note: U disk cannot contain folders, or audio and video files will not be recognized.

Setting

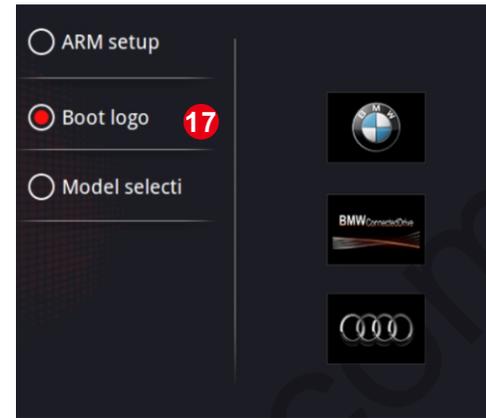
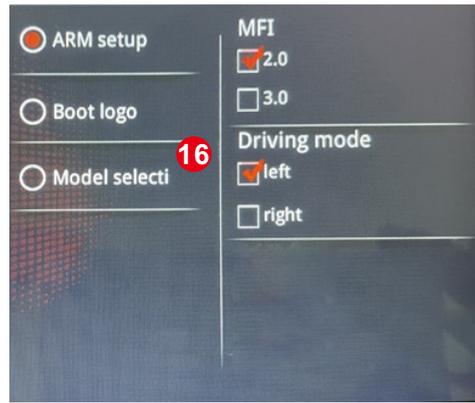
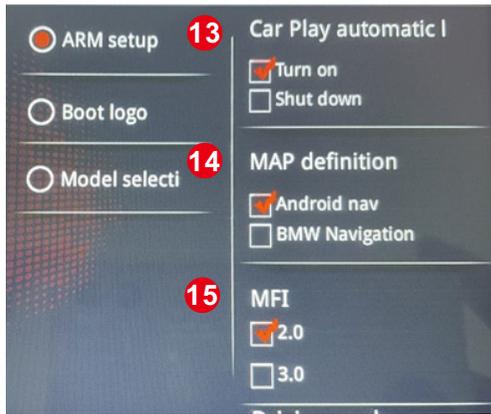


1. When the reverse image is reversed, set this setting ON
2. Turn on this setting, the video cannot be played while driving
3. Turn on or off the reverse track
4. Turn on or off the reverse radar
5. If use original camera, choose this option
6. If use aftermarket camera and connect camera power cable, set this option ON
7. If use aftermarket camera and connect reversing detection cable, set this option ON
8. Display brightness adjustment
9. Volume adjustment

Factory setting



1. Original car host: non-functional
2. Amplifier selection: non-functional
3. Bluetooth switch: non-functional
4. Original car BMW video display: if the car doesn't have original screen, turn this option ON
5. CCC Idrive type: when the idrive doesn't work after installing, set this setting, restart takes effect
6. DVR: set according to the type of DVR used
7. AUX mode: used for situations where the sound will automatically switch to OEM system when playing music on Carplay system
8. Phone interconnection: for Chinese users, select 'carlife' function; For foreign users, select 'Android auto' function
9. Headlight detection: for Chinese users, select 'carlife' function; For foreign users, select 'Android auto' function
10. Interface: non-functional
11. Reversing silent: adjust radar volume status
12. Siri: turn on or off siri



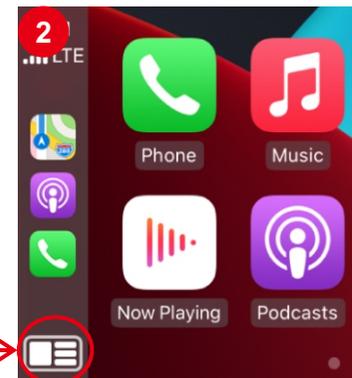
- 13. Carplay automatic connection: turn on this option, carplay can be connected automatically next time as long as wifi and bluetooth are ON
- 14. Map definition: select 'BMW Navigation', you can enter original navigation when pressing NAN button
- 15. MFI: non-functional
- 16. Driving mode: if the car is left-hand driving, select 'left'; if the car is right-hand driving, select 'right'
- 17. Set boot logo
- 18. Model selection: choose the screen size that matches the original car, restart takes effect

Operation



Siri activation

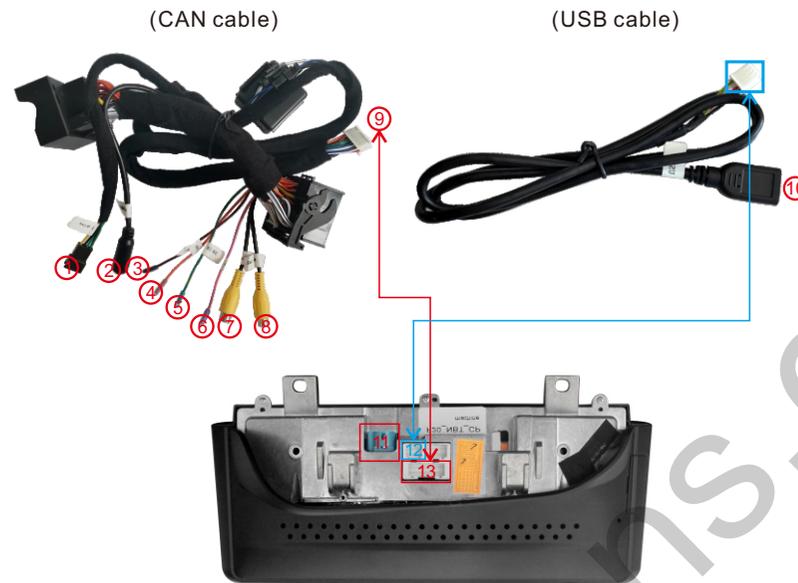
If the voice button (pic.1) can't work, long press this key to activate siri



System switching



Assessory



- ① I-drive: Connect to adding iDriver (for E83 and E90 without OEM screen)
- ② Audio output: Connect with AUX cable
- ③ 360-DET(Brown): Reverse camera power cable
- ④ DVRPOW(Orange): DVR power cable
- ⑤ DVR-IR(Green): DVR communication control
- ⑥ CAMPOW(Pink): Reverse camera power cable
- ⑦ CCD CVBS: Reverse camera video input
- ⑧ DVR CVBS: Front camera video input
- ⑨ CAN cable connector, connect with port 13
- ⑩ USB port: for connecting USB flash drive, mobile phone, etc
- ⑪ LVDS port: Connect with the OEM LVDS cable
- ⑫ USB cable connector
- ⑬ Port 9 is connected to this port

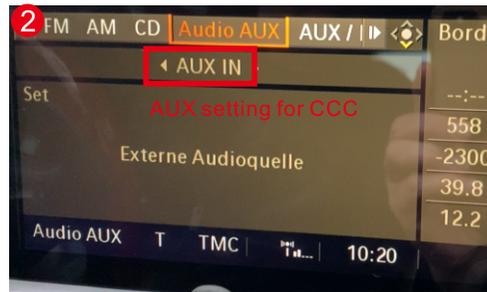
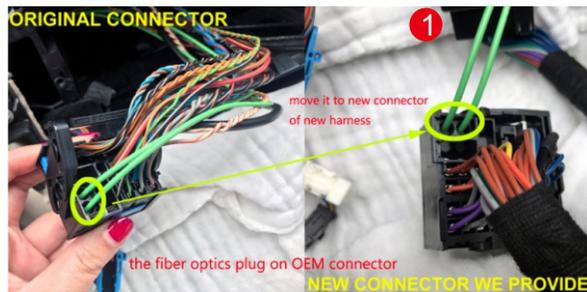
FAQ

1.Q: No sound on carplay system, how can I get sound?

A: 1) Transfer fiber cable.

2) Set AUX on OEM system.

3) If there is still no sound after step1/2, you need to connect AUX cable to get sound.



3 AUX cable

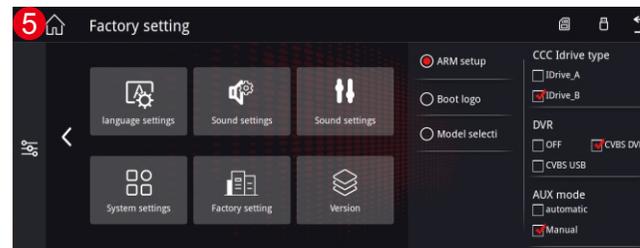
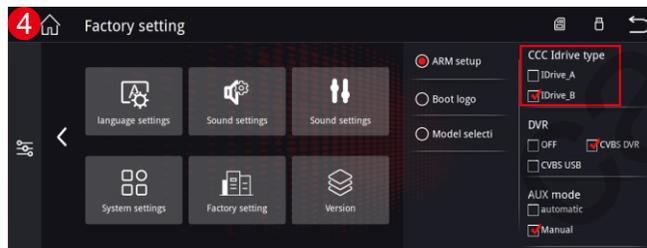


2.Q: my OEM iDrive can't work on carplay system, what can I do?

A: Select 'iDrive A/B' (pic.4) in factory setting, the password is 1368. After setting, restart. Then it can work normally.

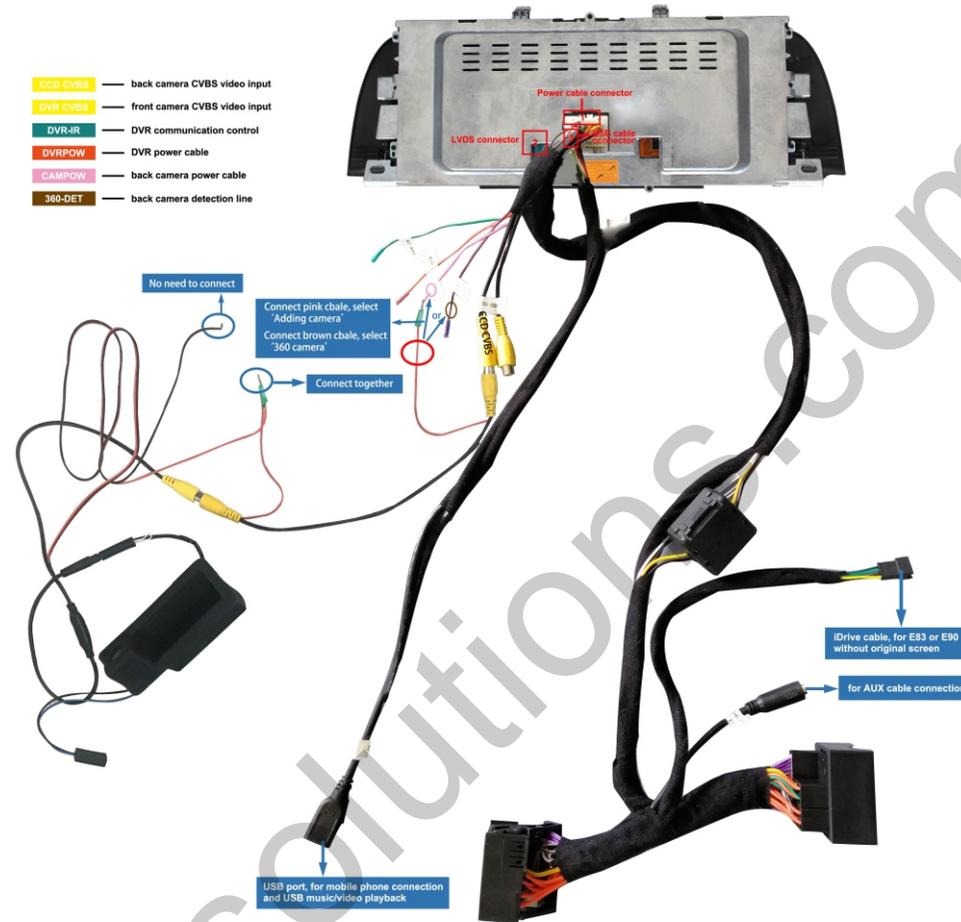
3.Q: The sound will switch to my original FM radio automatically when playing music on carplay, is there a solution?

A: Set AUX mode to 'Manual switching' (pic.5) in factory setting(the password is 1368). After setting, restart.



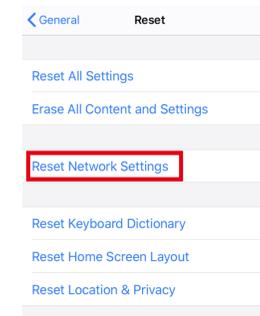
4.Q: How can I connect reverse camera?

A: Refer the following step to connect.



5.Q: I can't connect wireless carplay. what can I do?

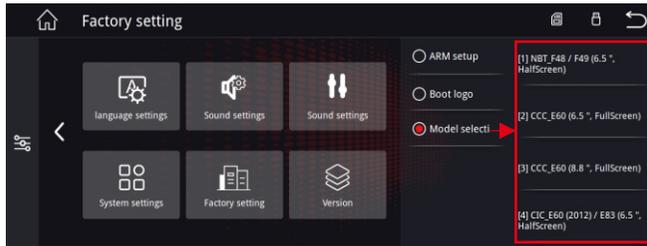
- A:
1. Change another phone to try
 2. Clear all the bluetooth connection record on the phone, then reconnect
 3. Reset the network setting on your phone, then reconnect
 4. If the problem persists, please contact the seller



6.Q: when original BMW system shows 'NO signal' or stripes?

A: Enter factory setting(PWD:1368), select the same screen size as the original screen, restart takes effect.

e.g.: if the original size is 6.5 inch with CCC system, please choose option [2], then restart



car-solutions.com