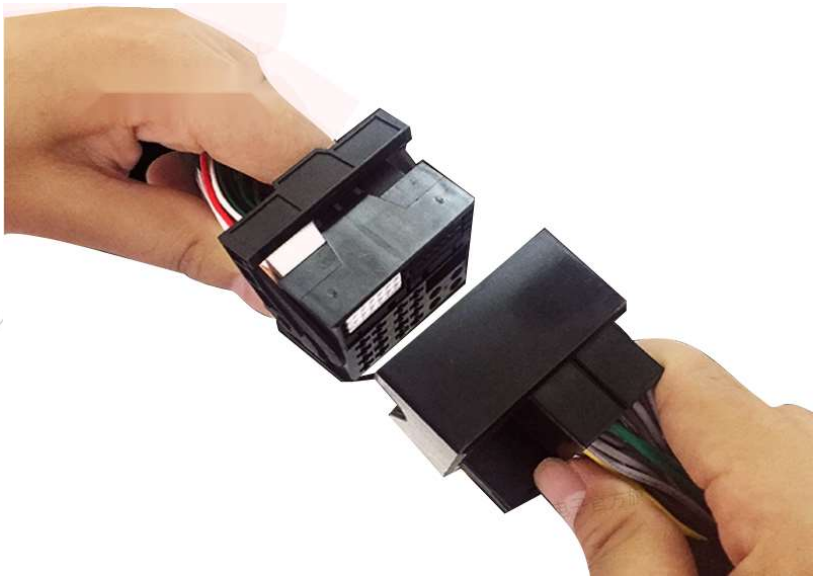
Road Top

For C W205 & GLC & V-Class

Cable Connection



Road Top Co., Ltd

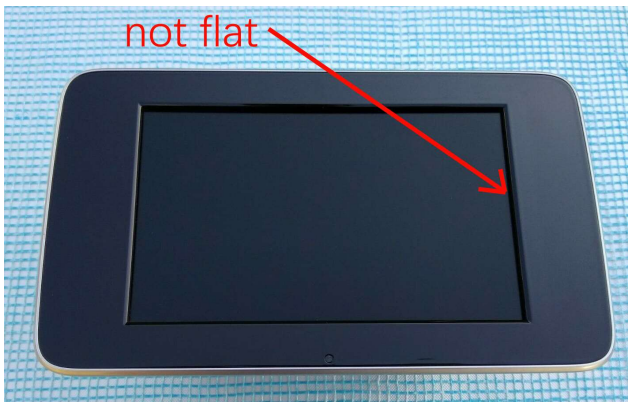
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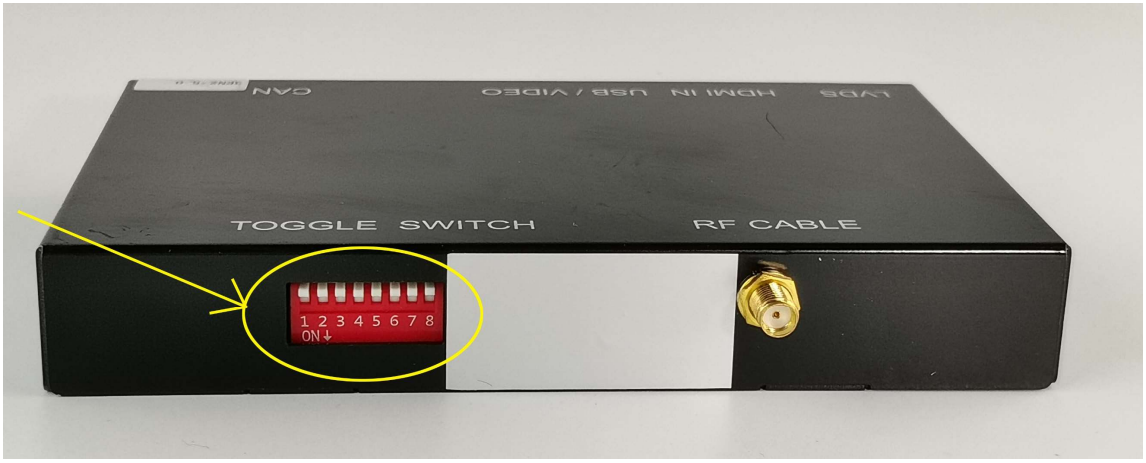
1. Toggle Switch Setup

1.1 Choose the toggle switch setup by the size of your car's screen

Car Model	7 inch screen (800*480 resolution)	8.4 inch screen (960*540 resolution)
C-Class W205 GLC V-Class W447		

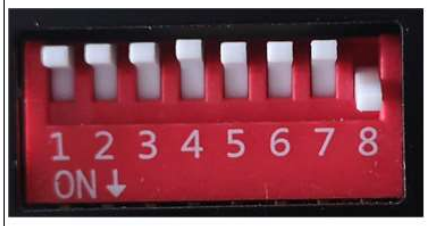
the main different between 7 inch screen and 8.4 inch screen	
7 inch screen (800*480 resolution)	8.4 inch screen (960*540 resolution)
	

1.2 Where to find the toggle switch?



1.3 Choose the toggle switch setup by the size of your car's screen.

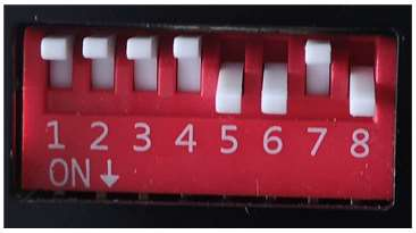
for 7 inch screen (resolution 800*480)	
dial setup 1	Smart Link System

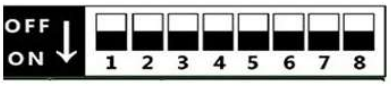




	1	2	3	4	5	6	7	8
Off	✓	✓	✓	✓	✓	✓	✓	
On								✓

for 8.4 inch screen (resolution 960*525)	
dial setup 1	Smart Link System



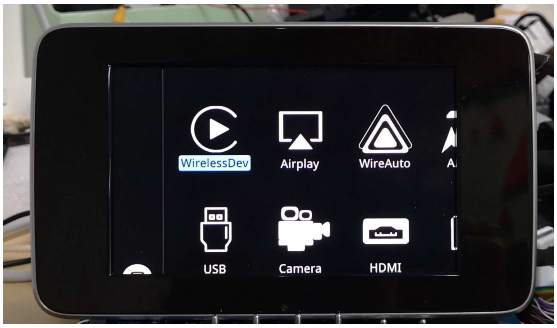
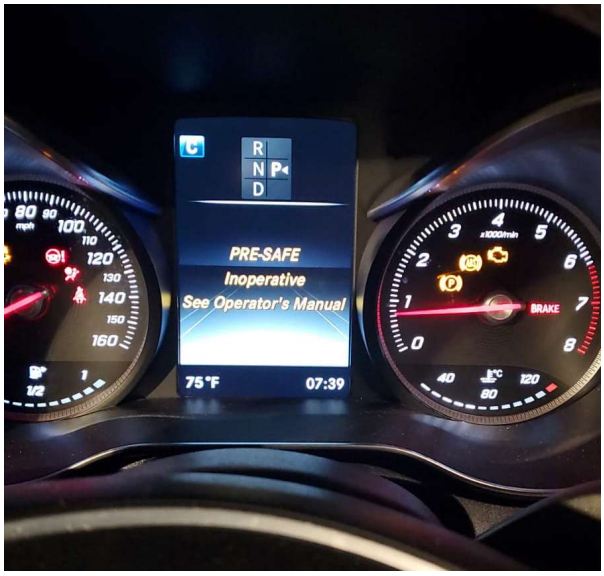


	1	2	3	4	5	6	7	8
Off	✓	✓	✓	✓			✓	
On					✓	✓		✓

1.4 Wrong toggle switch setup will cause black screen, flash screen, half-screen, dashboard alarm, etc.

Please contact us for the correct toggle switch setup code if you meet problems as in the follow chart.

Black screen when switch to CarPlay function	Flash screen in OEM function
	

Half-screen when switch to CarPlay function	Half-screen when switch to CarPlay function
	
Dashbaord alarm	
	

2. Dashboard Removal

Please scan QR code, view the detail via YouTube video on dashboard removal guidance.

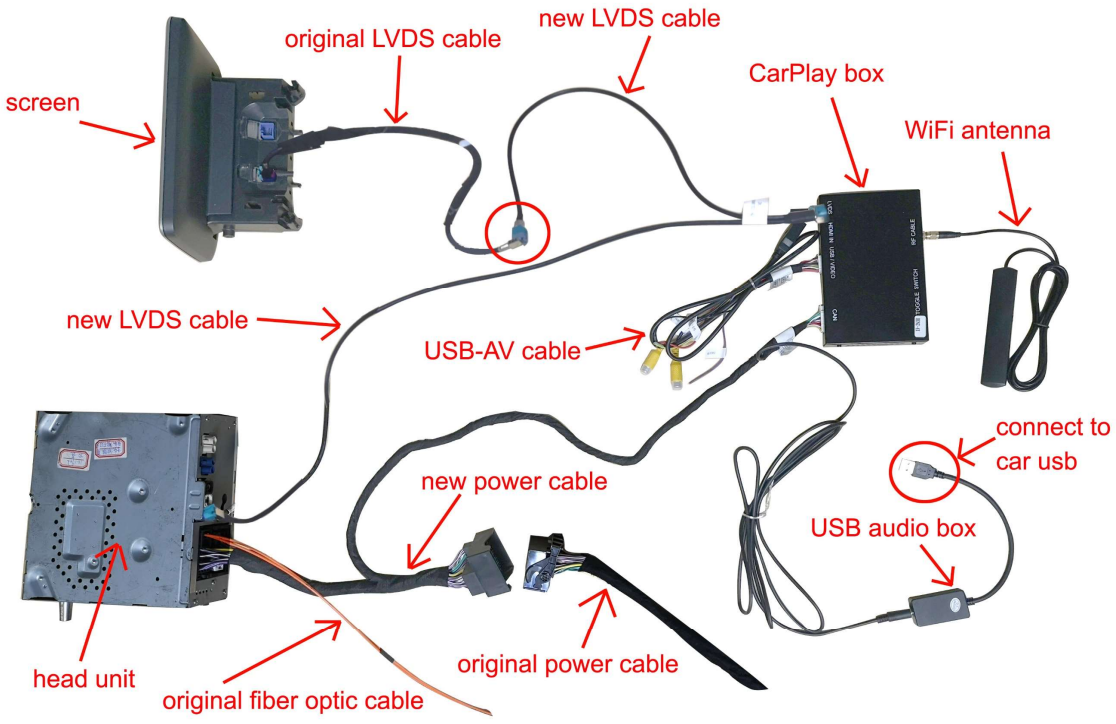
For C-Class W205 & GLC

3. Cables Connection

3.1 Cables accessories

 CarPlay decoder box	 Power cable harness	 USB audio cable
 LVDS cable	 WiFi antenna	 USB-AV cable

3.2 Cable connection chart



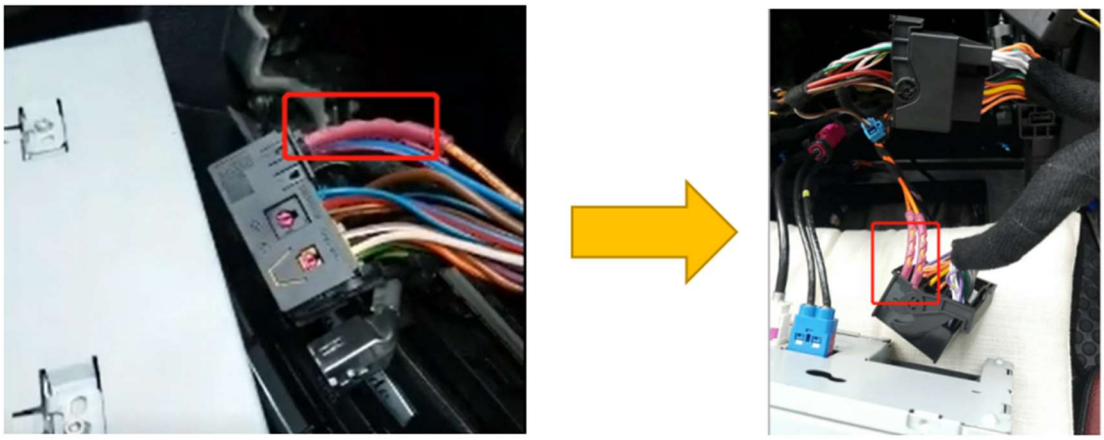
After cable connection, by long press "★" button from the car's center console handwriting mouse, you can switch the system between the original NTG system and the CarPlay system.



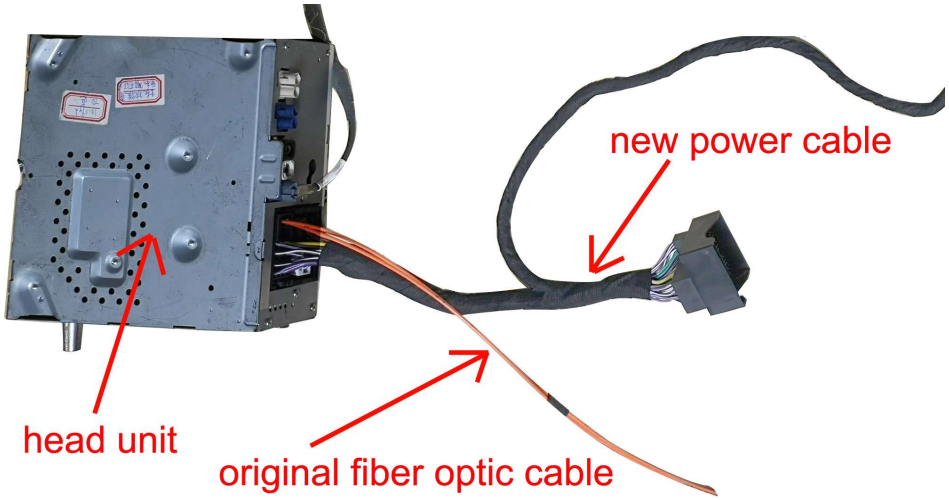
3.3 Power cable connection

1) Connect the new cable harness to the OEM original power cable and the head unit.

2) If your car has fiber optic cable, you need to move the original fiber optic cable to the new harness.



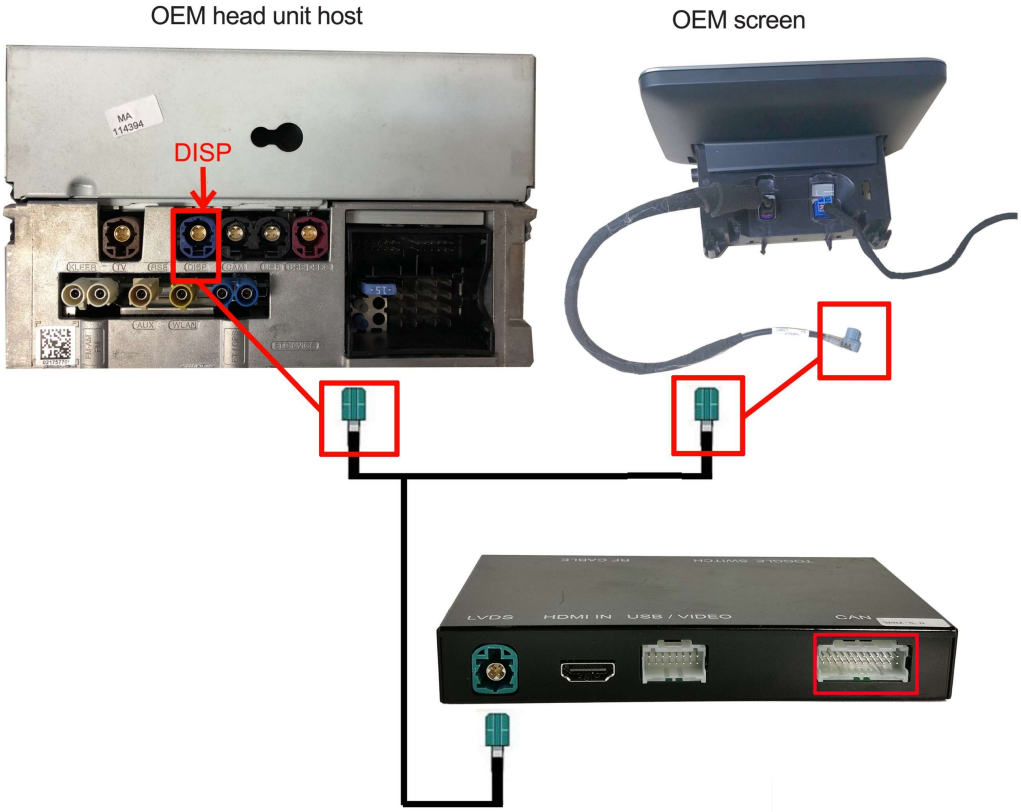
Please remove your original car's fiber optic to our power cable as the picture shown.



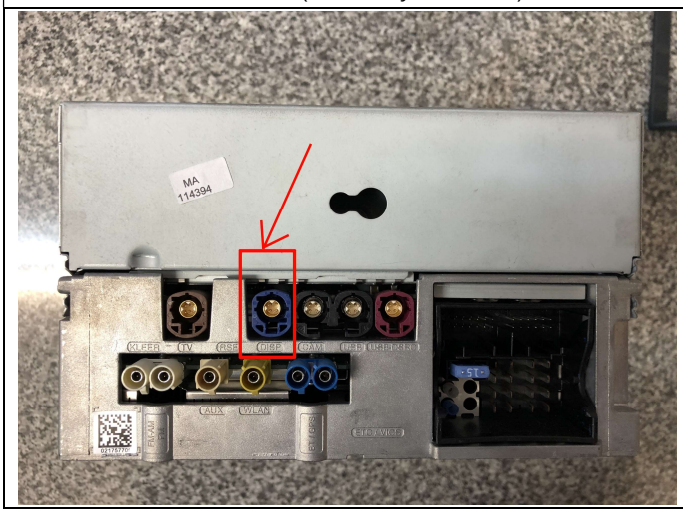
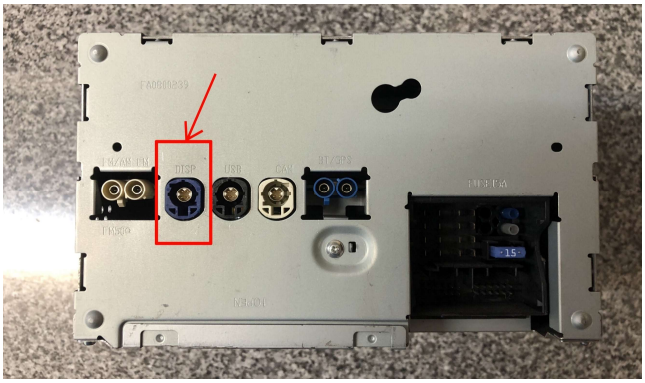
3.4 LVDS cable connection

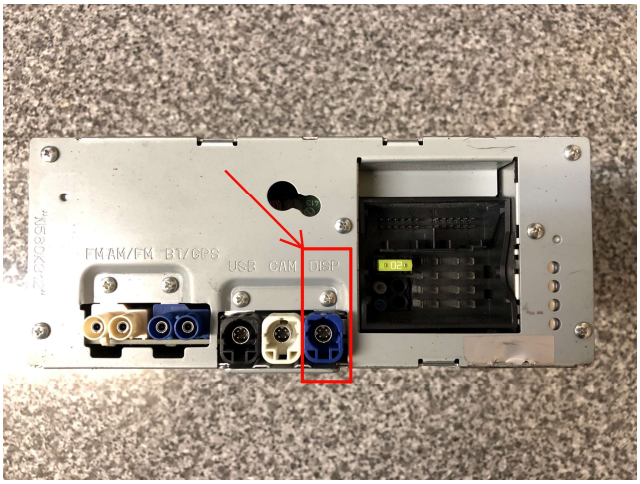
1) New LVDS 1 cable connect to “DISP” port from the head unit.
2) New LVDS 2 cable connect to original OEM LVDS cable.

3) Wrong LVDS cables connections will cause black screen.

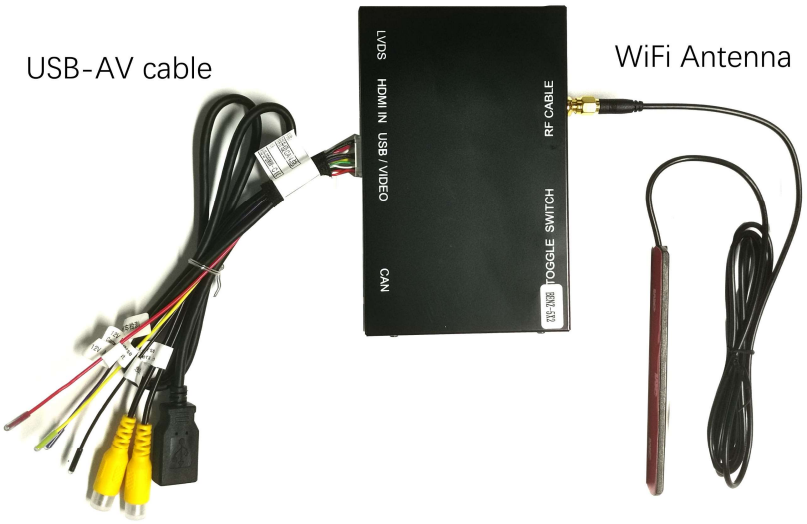


4) where to find the “DISP” port in the different OEM head unit?
“DISP” port , also name the LVDS port, is a port in blue color, behind the head unit.

Comand (made by Harman)	Audio 20 (made by Panasonic)
	

	Audio 20 (made by Mitsubishi)
	

3.5 WiFi antenna and USB-AV cable connection



Tip : The WiFi antenna cannot be placed close to metal objects. (The WiFi signal will lost if WiFi antenna is close to the metal objects.)

3.6 USB Audio cable connection



USB audio cable will be connected to the car's USB port in the center console box, so that the sound from the CarPlay function will work via the car's USB function.

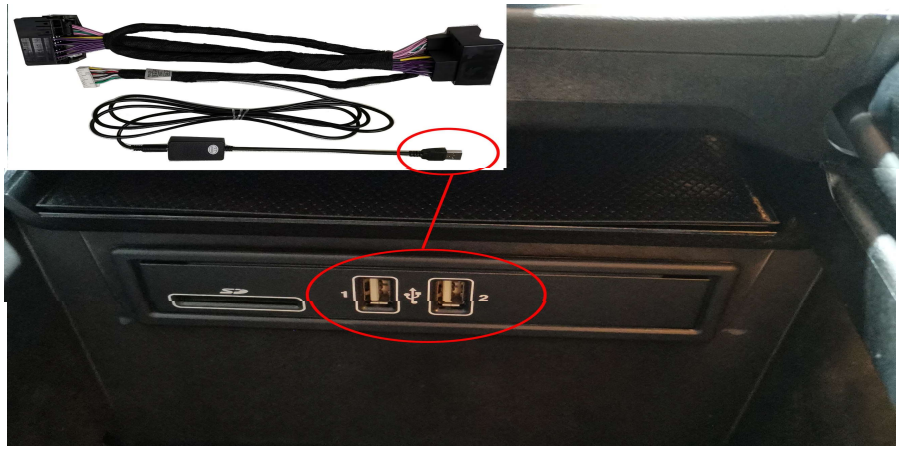


3.7 The CarPlay interface decoder box should be put behind the head unit host or on the OEM head unit.

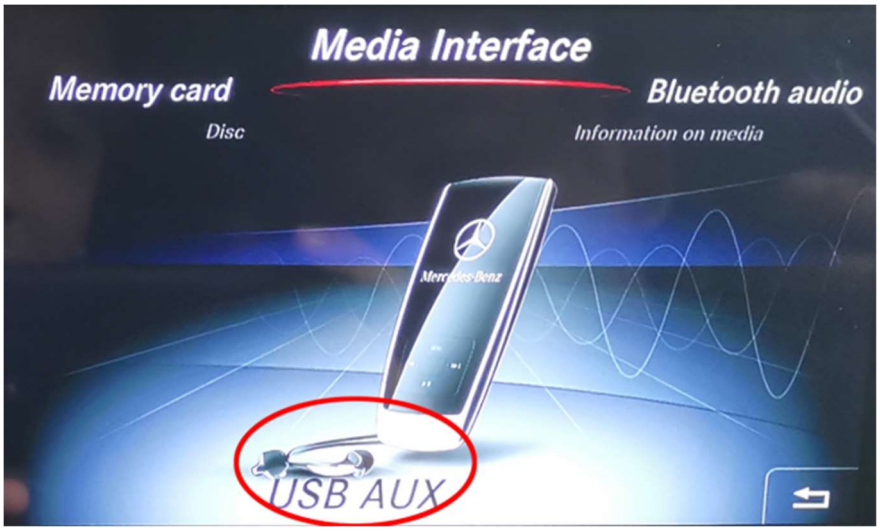
on the OEM head unit	Beside the OEM head unit
	
In the glove box box	In the glove box box
	

4. CarPlay Decoder Sound Setup

4.1 Connect the decoder USB audio cable to your car USB 1 or USB 2 in the center console box



4.2 set the original NTG into ‘Media interface 1’ or ‘Media interface 2’ , according to the USB audio cable connection position to USB1 or USB2.



4.3 Enter decoder interface

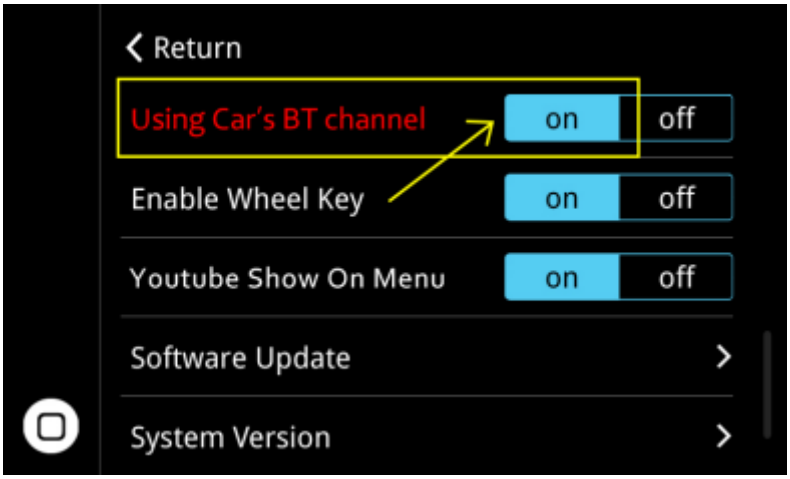
long press “★” button for 3 seconds from your car center console handwriting mouse to enter into the decoder menu.

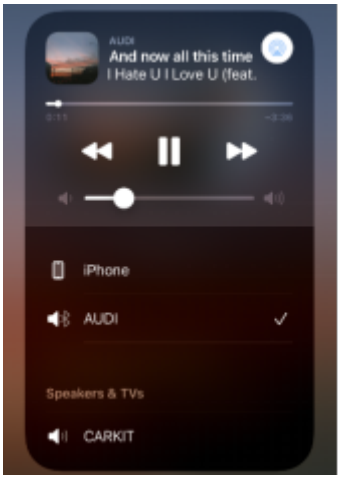


4.4 Set Bluetooth

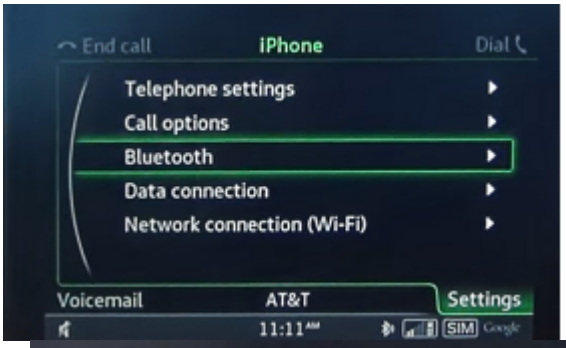
Turn on the setting of " use car's BT channel" and let the phone connect the Original Bluetooth.

Note: For Airplay and autolink function, need turn off the setting of "using car's BT channel" and choose Aux to transfer the sound!

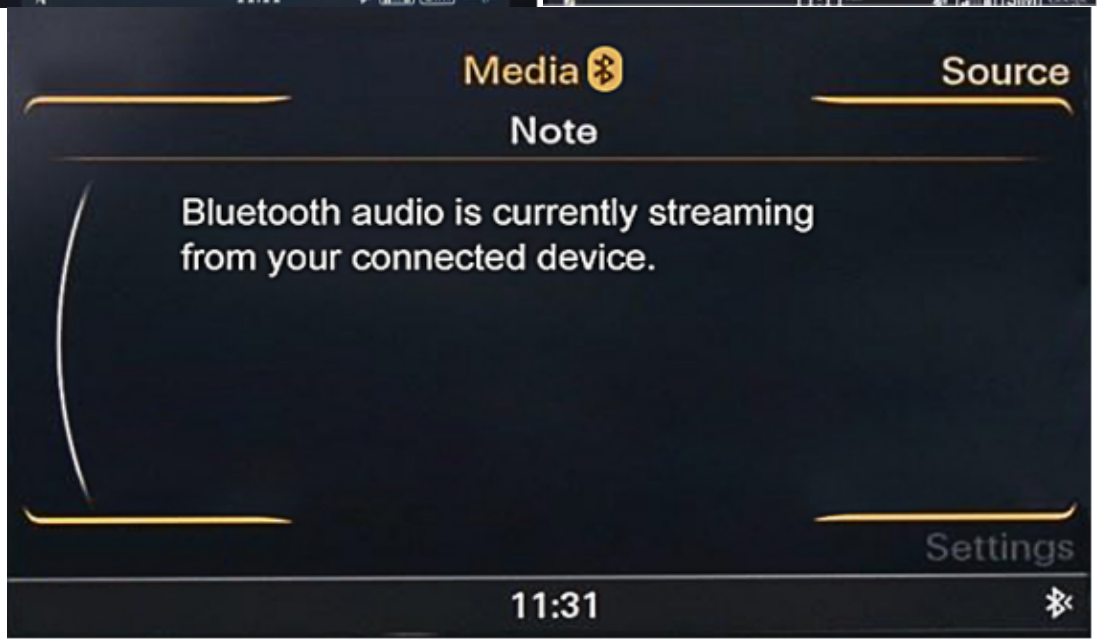




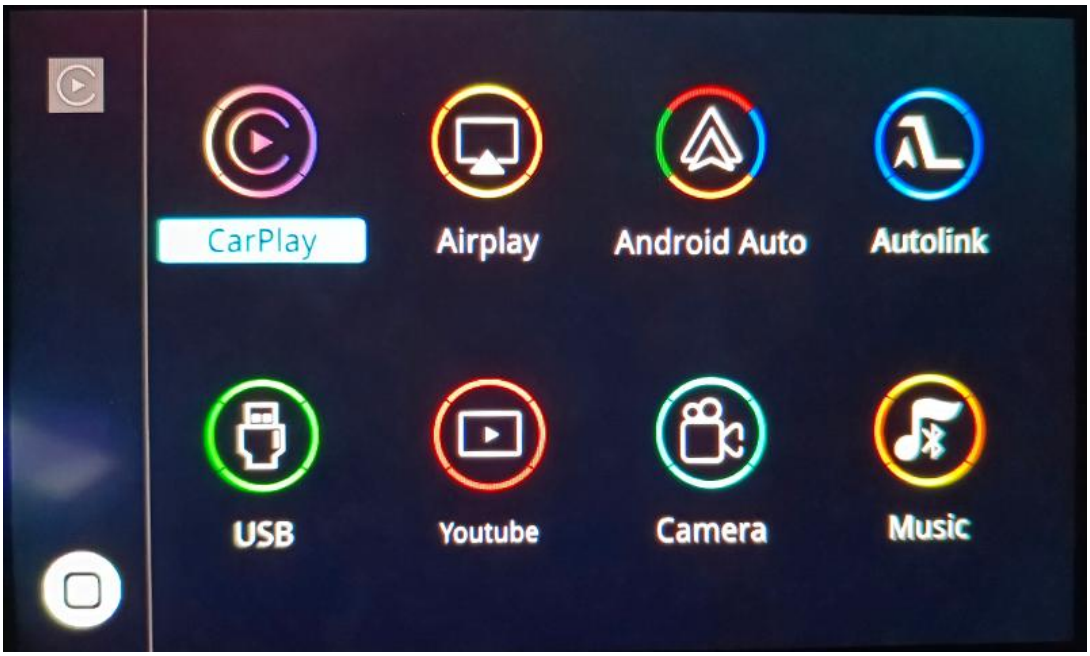
On the original Benz System, navigate to the "Media" interface, click the "Bluetooth", keep the "Bluetooth audio player" ON







CarPlay Decoder main interface

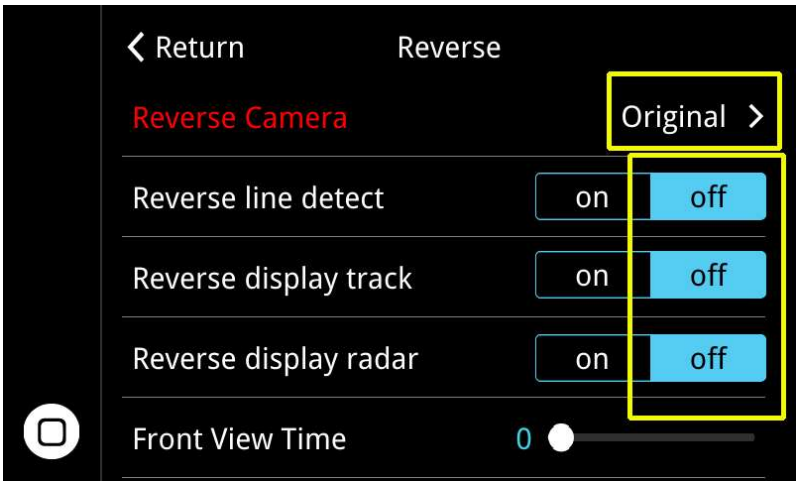


5. Reverse Camera and Front Camera

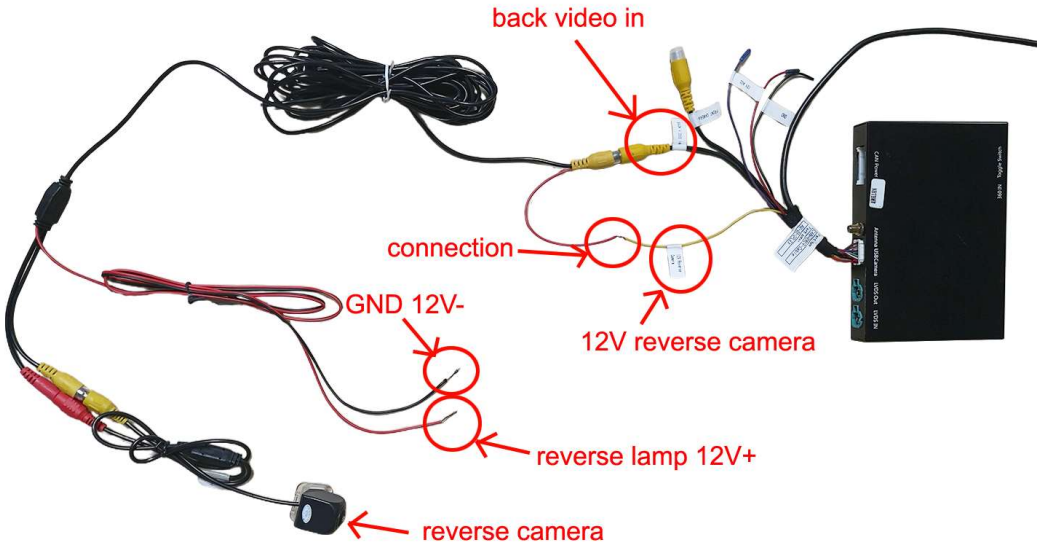
5.1 Original camera setting

Original OEM rear view camera function setting: click the “Setting” button from the decoder main menu, choose “Reverse”, then set the reverse camera into “Original”.

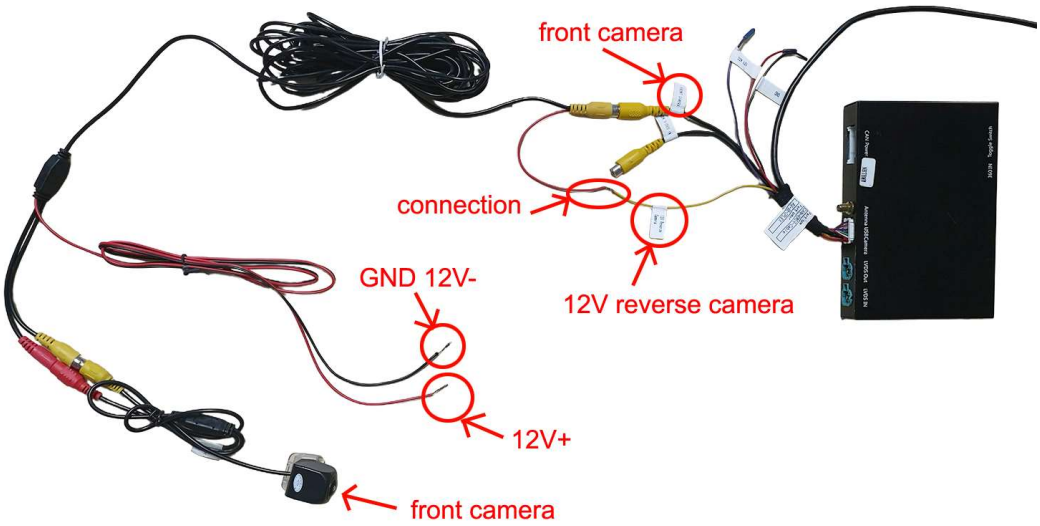
the “Reverse line detect”, the “Reverse display track” and the “Reverse display radar” are set to “off”.



5.2 Aftermarket rear view camera cable connection



5.3 Aftermarket front view camera cable connection



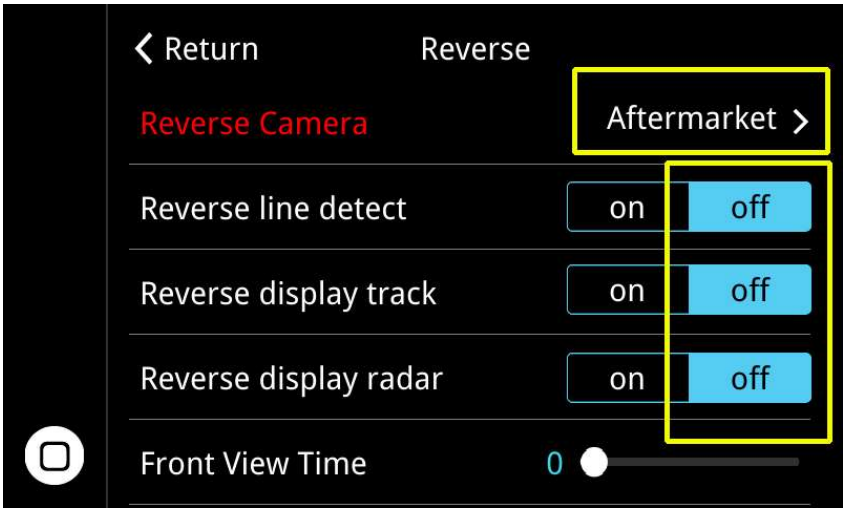
5.4 Setting for aftermarket reverse camera and front camera

After finishing the aftermarket camera cables connection, you need to set the camera.

Rear view camera setting: click the “Setting” button from the decoder main menu, choose “Reverse”, then set the reverse camera into “Aftermarket”.

the “Reverse line detect”, the “Reverse display track” and the “Reverse display radar” are set to “off”.

Front view camera setting: click the “Setting” button from the decoder main menu, choose “Reverse”, then set the front view time between 1 to 15 seconds.



6 FAQ

Questions 1: Problems on CarPlay sound.

Solution :
1. you need to move the original fiber optic cable to CarPlay source power cable.
Please view the page 5 of the user manual for detail.

2. you need to USB-Audio cable to your car USB port, and set the “Media Interface” into “USB-AUX”.
Please view the page 10 of the user manual for detail.

Questions 2: No sound during the call
Solution: Disconnect the Bluetooth between your phone and your car.

Questions 3: steering wheel control buttons

Solution: for the steering wheel control buttons, the CarPlay interface decoder box support voice control button, Tel button, voice “+” and “-“ buttons, the other buttons are not supported.



Questions 4: Siri function activation

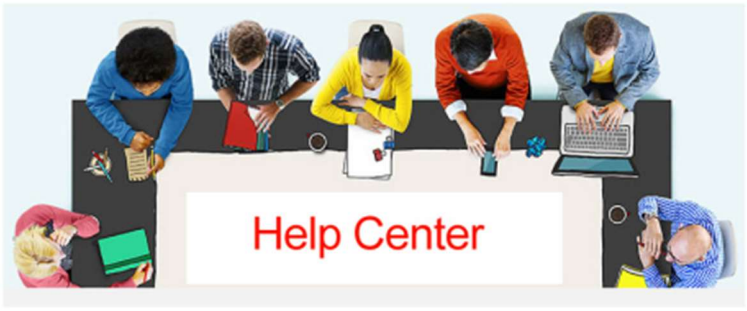
Solution: two ways to active the Siri function

a) Use voice control button from steering wheel control
b) Long press confirm button from knob controller





7 Contact Us



Please contact us via purchase platform or the WhatsApp if you need any help.

Tip:
before contacting us, please help us to collect the following information.

1. the order ID
2. the car model
3. the year of the car
4. screen size of the car
5. the toggle switch setup
6. pictures about the LVDS cable connection
7. the software version (in the CarPlay decoder menu, enter into the “Setting”, choose the “System Version”, you will see the software version.)

