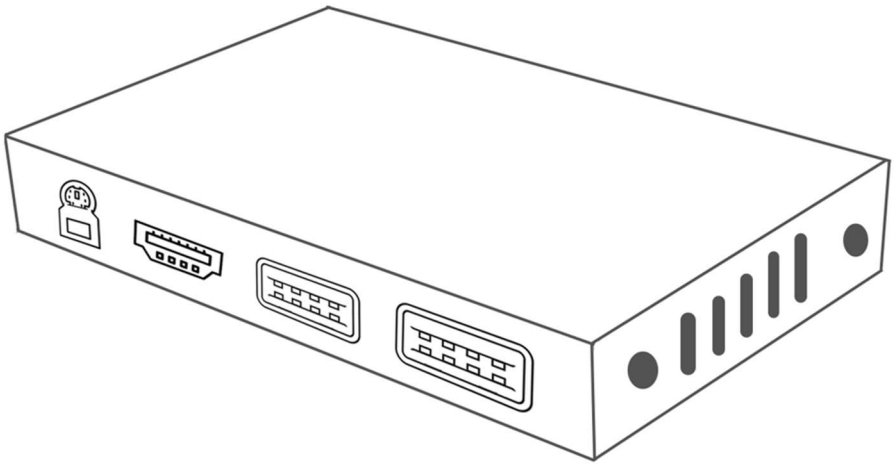
User Manual

# Cable Connection

For NTG4.5/4.7



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# 1. Toggle Switch Setup

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

| Car Model | 5.8 inch screen | 7 inch screen |
|---|---|---|
| A-Class<br>B-Class<br>C-Class<br>G-Class<br>CLA<br>GLA |  |  |
| E-Class<br>E-Coupe |  |  |
| C-class W204 |  |  |
| ML / GL |  |  |

| | | |
|---|---|---|
| GLK |  |  |
| CLS | |  |
| SLK |  |  |

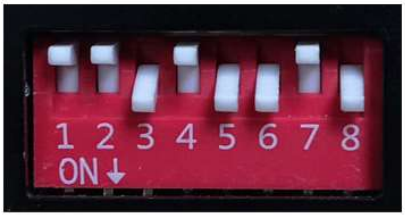
1.2 Where to find the toggle（DIP）switches?




1.3 Set the toggle switch according to the size of your car's screen.

## for 5.8 inch screen

dial setup 1

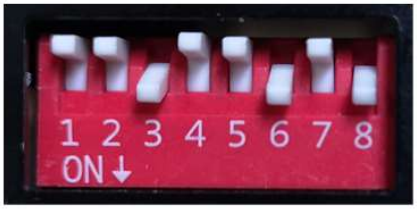



Smart Link System

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

## for 7 inch screen

dial setup

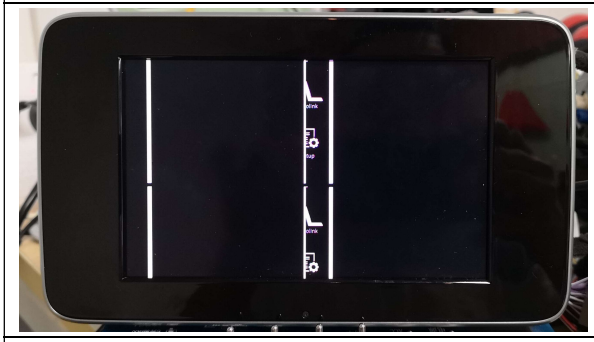
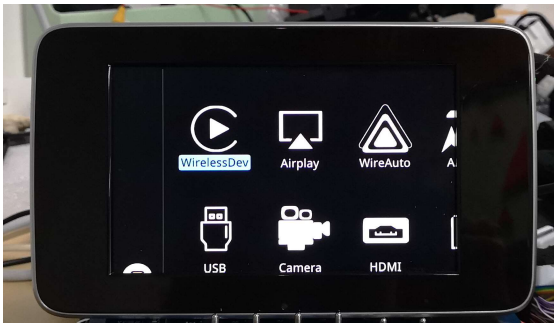
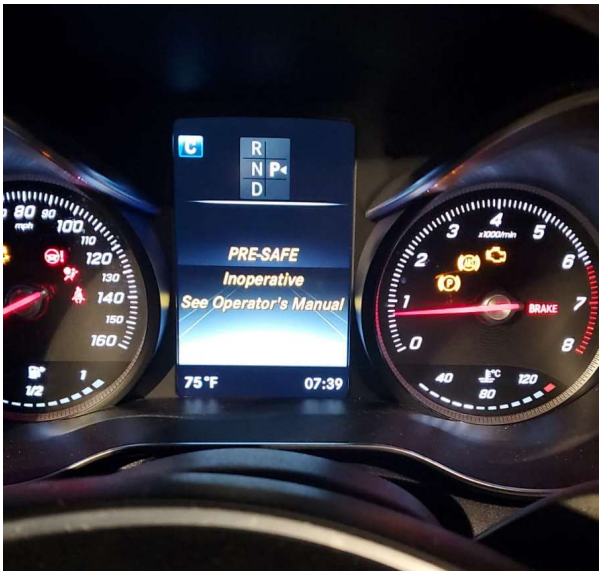



Smart Link System

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

1.4 Toggle switch setup incorrectly will result in a black screen, flash screen, half-screen, 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 | |
|  | |

1.5 After the power cable connection, when change the toggle switch setup, you need to restart the car engine and reconnect the CAN cable.

| Steps for change the toggle switch | |
|---|---|
| Step 1 : power off the engine | |
| Step 2 : unplug the CAN power cable |  |
| Step 3 : change the toggle switch according the toggle switch dial setup chart |  |
| Step 4 : reconnect the CAN power cable |  |
| Step 5 : power on the engine | |

# 2. Dashboard Removal

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

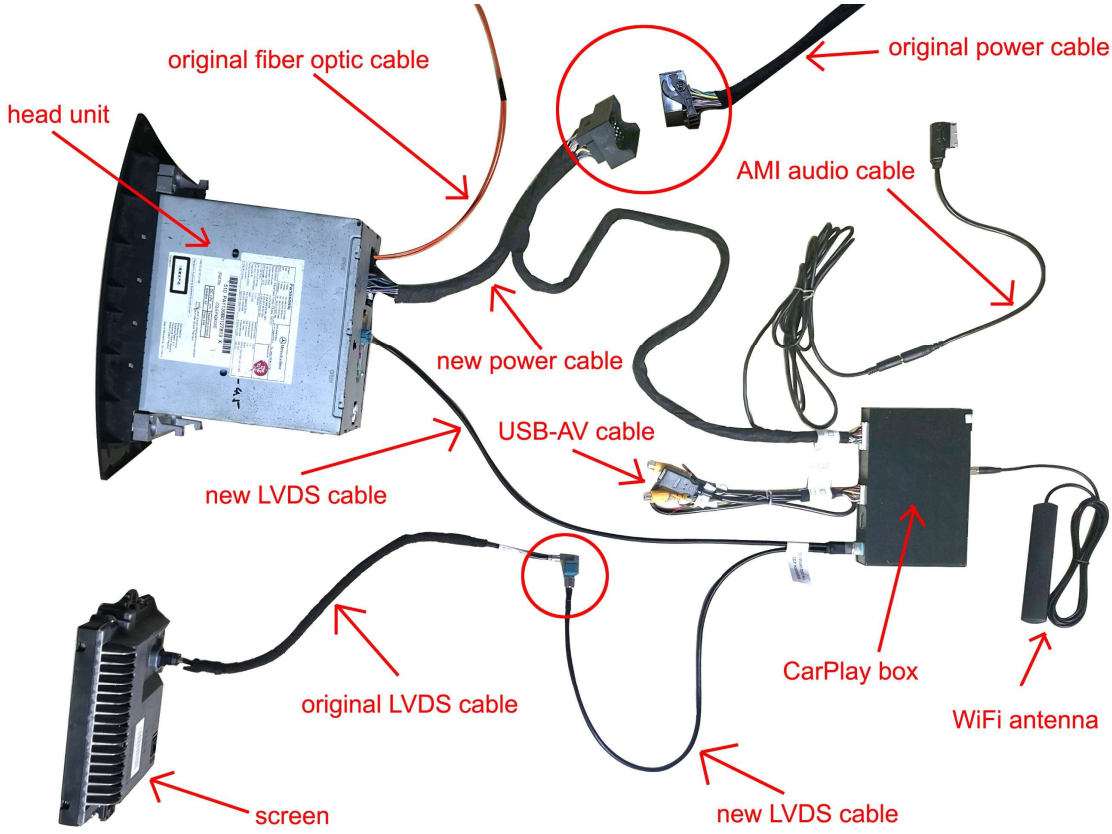
| A-Class CLA GLA | B-Class | C-Class 2011-2014 |
|---|---|---|
| E-Class | GLK | ML GL |
| CLS | SLK | |

# 3. Cable Connection

## 3.1 Cables and accessories

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

## 3.2 Cable connection chart




Please follow the connection chart accurately (detailed instructions below).

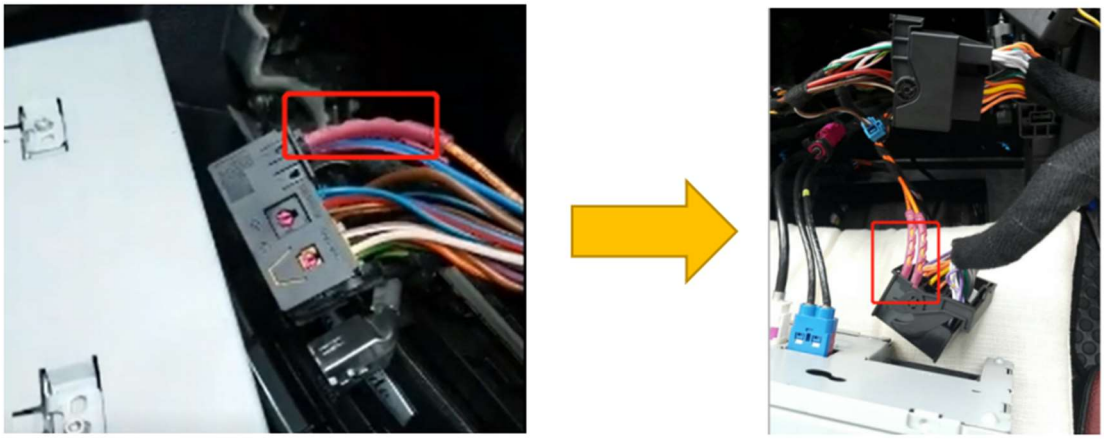
After the cables are all connected, you will be able to switch between the original Mercedes and the CarPlay interfaces by long pressing the “C” button on the knob controller.



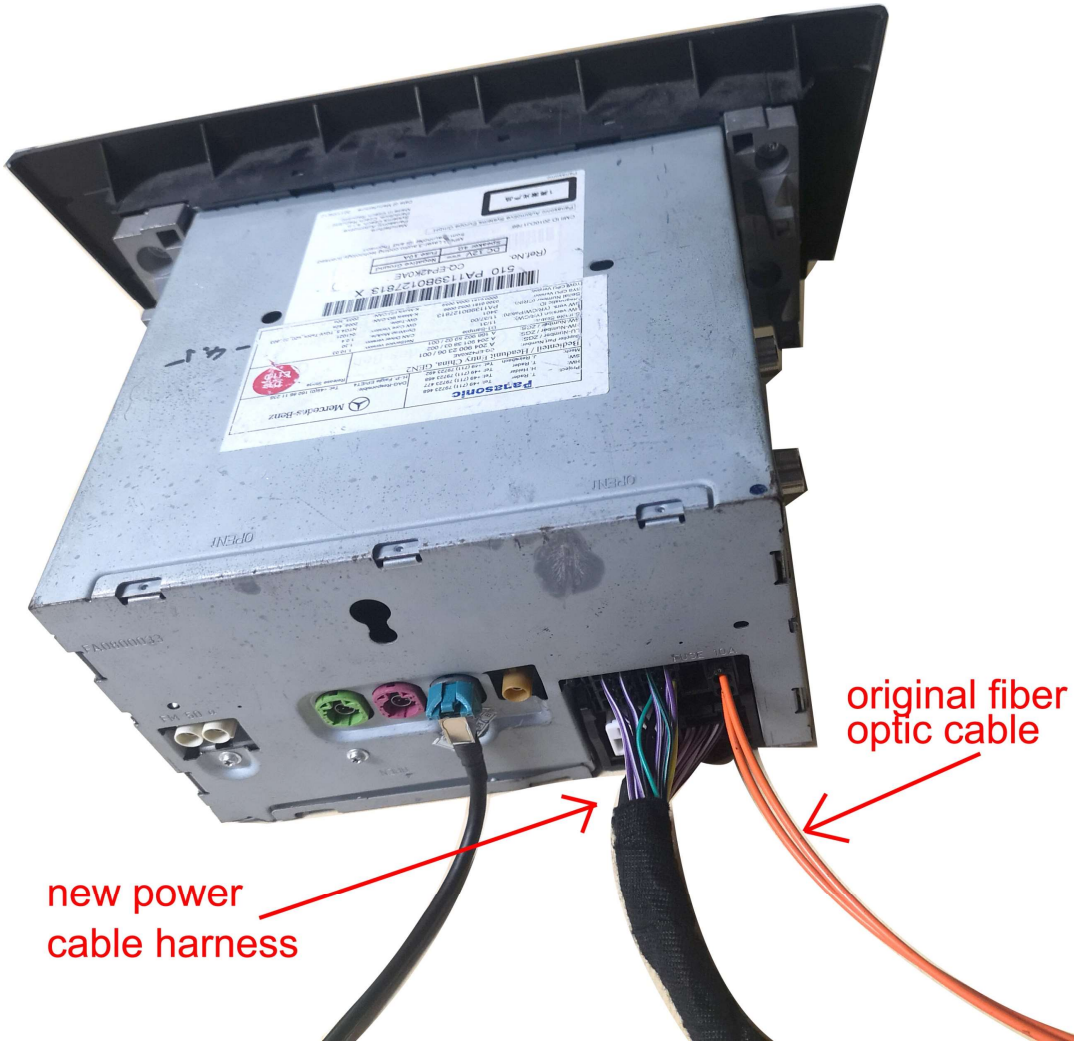
### 3.3 Power cable connection

1) Unplug the OEM original power cable from the head unit and reconnect it to the new cable harness. Then plug the new cable into the head unit.

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



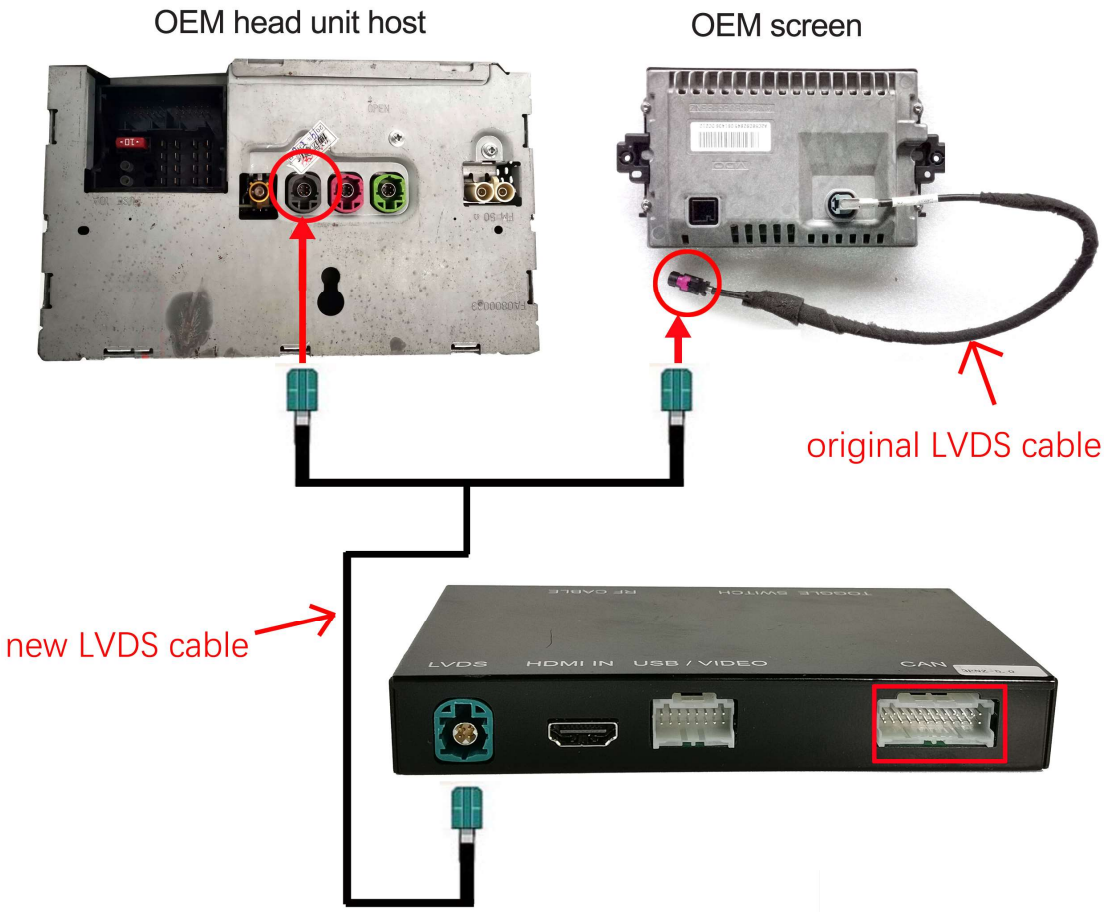
Please remove your original car's fiber optic to our power cable as the picture shown.



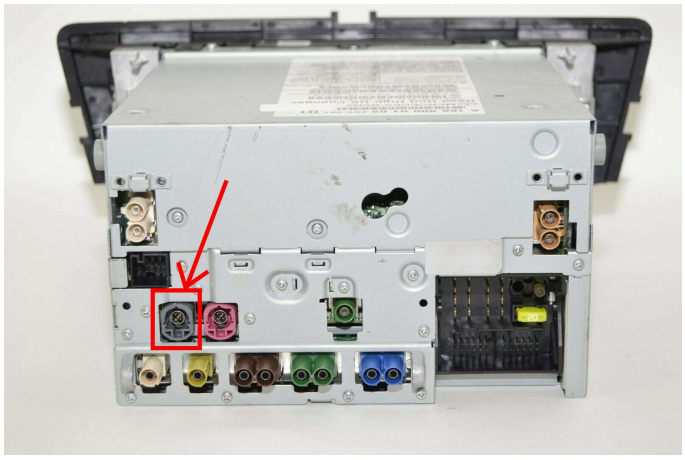
## 3.4 LVDS cable connection

1 ) New LVDS cable 1 goes to the LVDS port of OEM the head unit.
2 ) New LVDS cable 2 goes to the original LVDS cable.

Note: Connecting the LVDS cables incorrectly will result in a black screen!

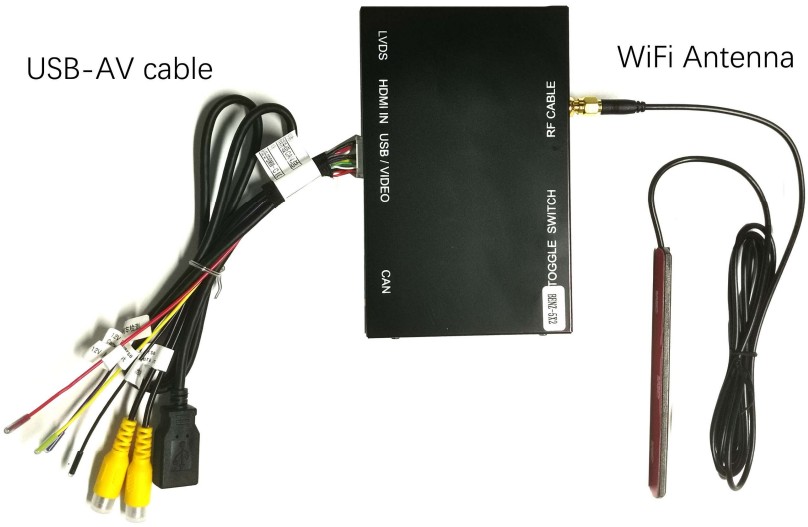



3 ) where to find the “LVDS” (DISP) port in the different OEM head unit?
“LVDS” port , also name the DISP port, is a port in gray color, behind the head unit.

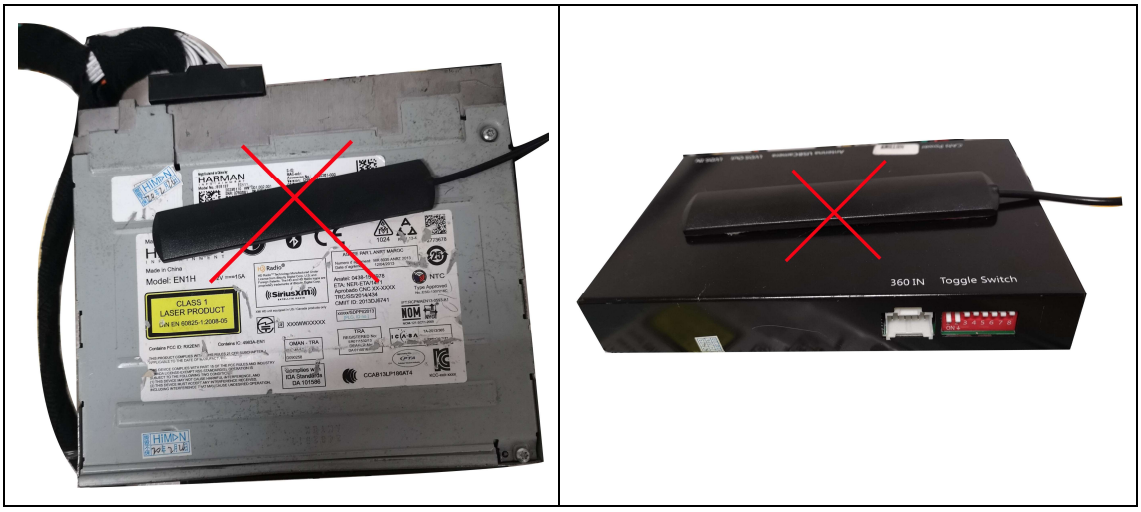




## 3.5 WiFi antenna and USB-AV cable connection

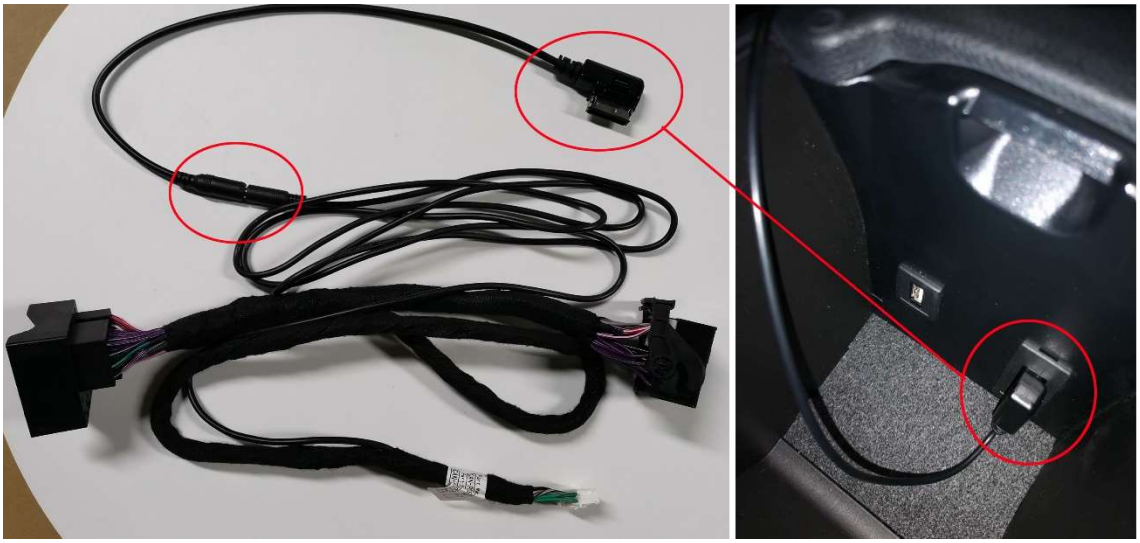



Note: To avoid losing the WiFi signal, make sure the antenna is not placed close to metal objects.



## 3.6 AMI Audio cable connection

If your car has AMI port in the central console box, you need to connect the AMI cable to your car AMI port, so that the sound from the CarPlay function will work via the car's AMI AUX function.

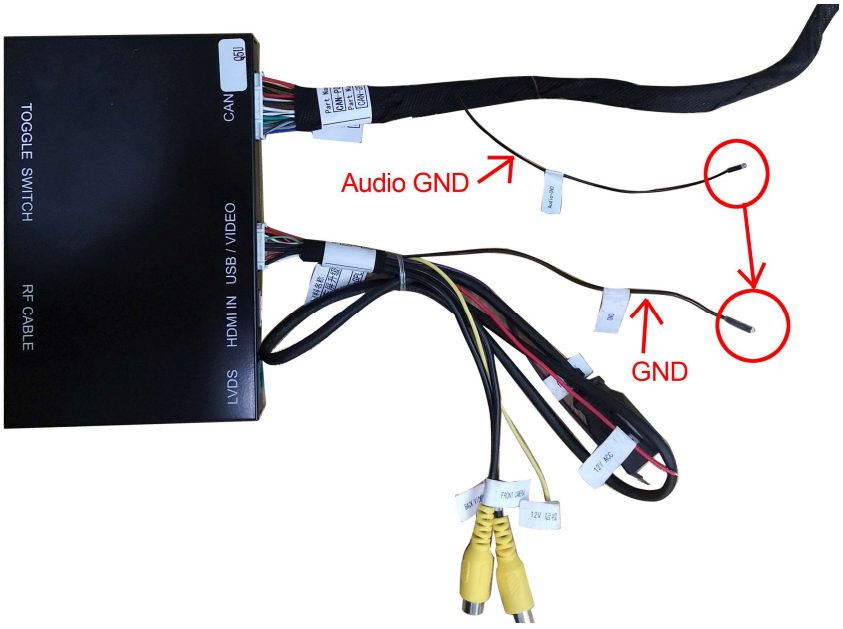


## 3.7 Audio GND cable connection

In the power cable harness, there is a wire with label "Audio GND".

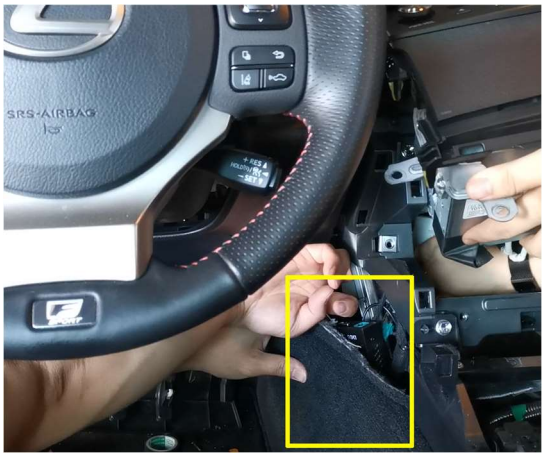
There is no need to connect the "Audio GND" cable, unless the sound of the CarPlay don't has sound, the sound distort, or the sound come with noise.

If you have problem about the sound of the CarPlay, like no sound, noise, distorted sound, etc., please connect the "Audio GND" cable of the power cable to the "GND" cable of the AV-USB cable.



## 3.8 Where to put the CarPlay box?

The CarPlay interface decoder box should be installed in an appropriate space near, or on, the OEM head unit. Or in the glove box.

| 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

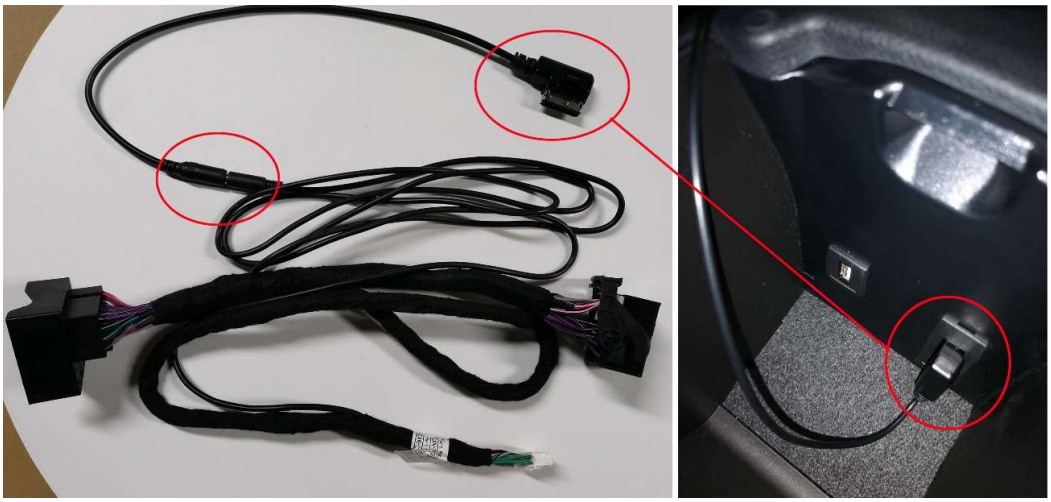
Two ways optional for sound transmission to car audio: AUX output and phone Bluetooth output.

## 4.1 AUX output

4.1.1 If your phone already has a bluetooth connection to your car, disconnect it.

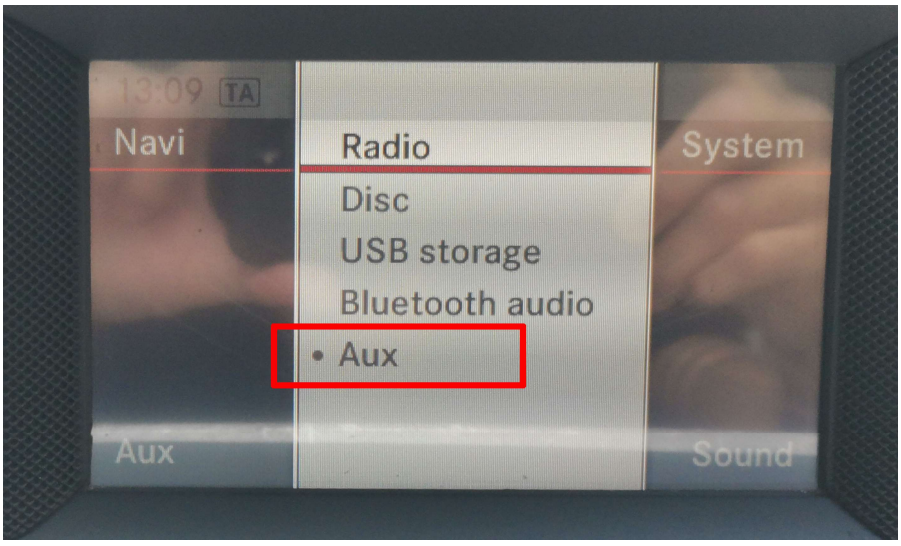
4.1.2 Connect the AMI cable (only for cars with AMI port)

Connect the decoder AMI audio cable to your car AMI port If your car has AMI port in the central console box



4.1.3 Set AUX

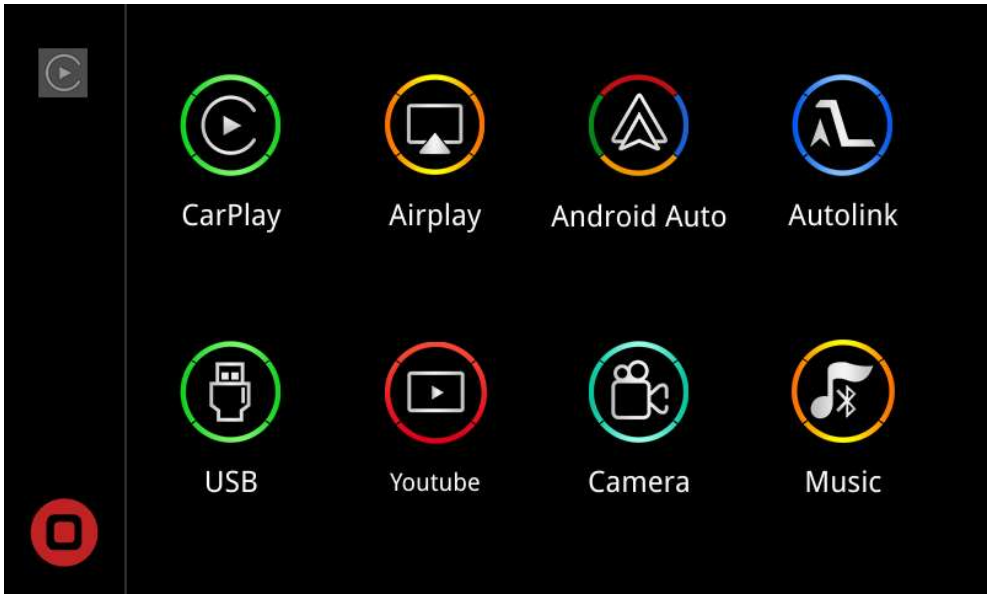
Before using the CarPlay system, you need to set the sound input on your OEM interface to “AUX”, otherwise the CarPlay /Android Auto system will have sound!



After finish the AUX setting, long press “C” button from knob controller, you can switch the system between the original Mercedes system and the CarPlay system.




The CarPlay decoder main interface

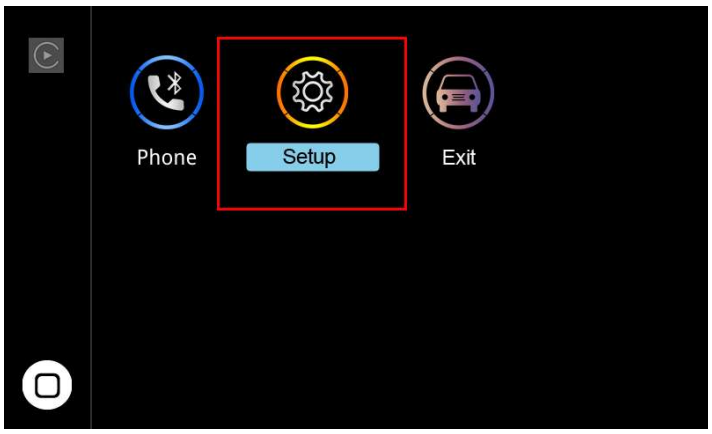
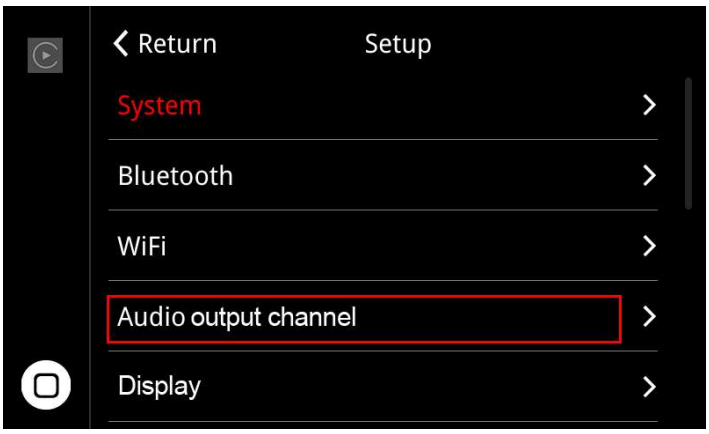
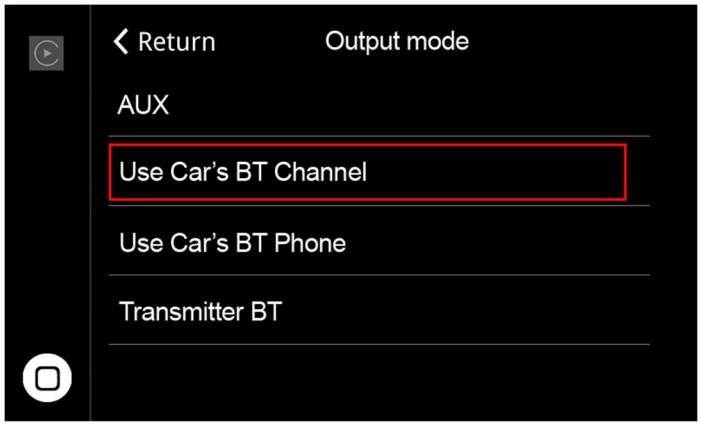
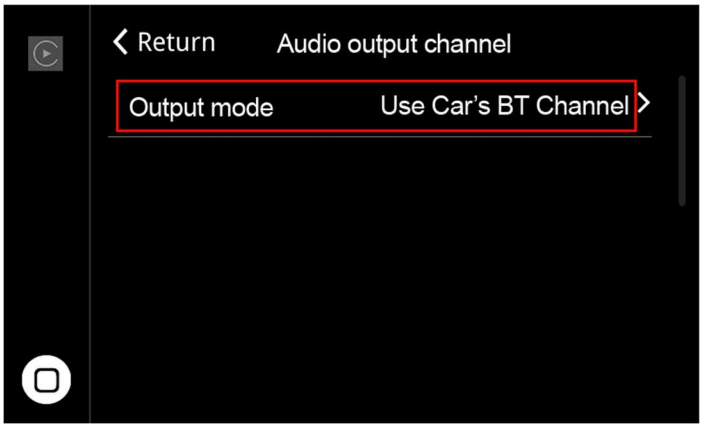


## 4.2 Phone Bluetooth output

Note: This sound connection mode only supports Carplay and Android Auto, as well as Bluetooth calls. USB/SD card music video sound output is not supported. Mirrored sound output is not supported.

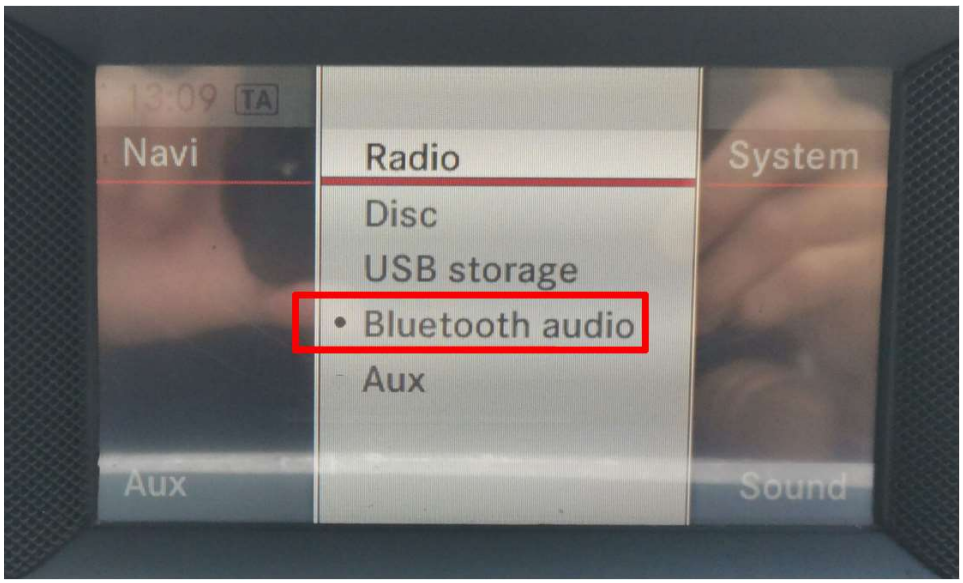
4.2.1 Set the CarPlay decoder box sound output mode into “Use Car’s BT Channel”

Enter the “Setup” menu from the decoder main menu , Set the “Audio output channel” into “Use Car’s BT Channel” .

| Step 1 | Step 2 |
| --- | --- |
|  |  |
| Step 3 | Step 4 |
|  |  |

4.2.2 Pair the Phone Bluetooth to the OEM Mercedes Bluetooth

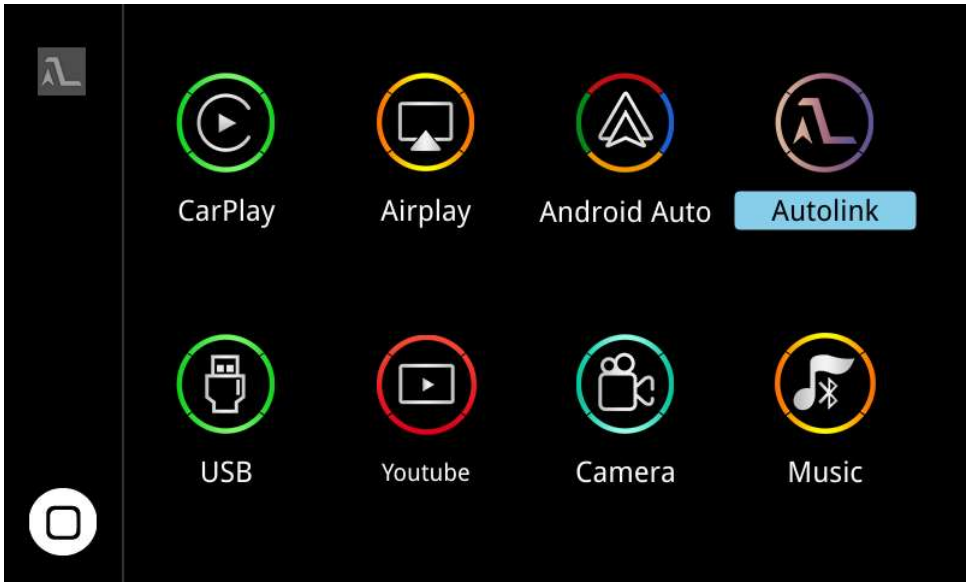
4.2.3 After the phone Bluetooth is paired successfully, Keep the original OEM Mercedes system into Bluetooth audio page, and long press the “C” button on the car console mouse to enter into the CarPlay decoder interface and enjoy the CarPlay/Android auto.







The CarPlay decoder main interface



# 5 Reverse and Front Cameras

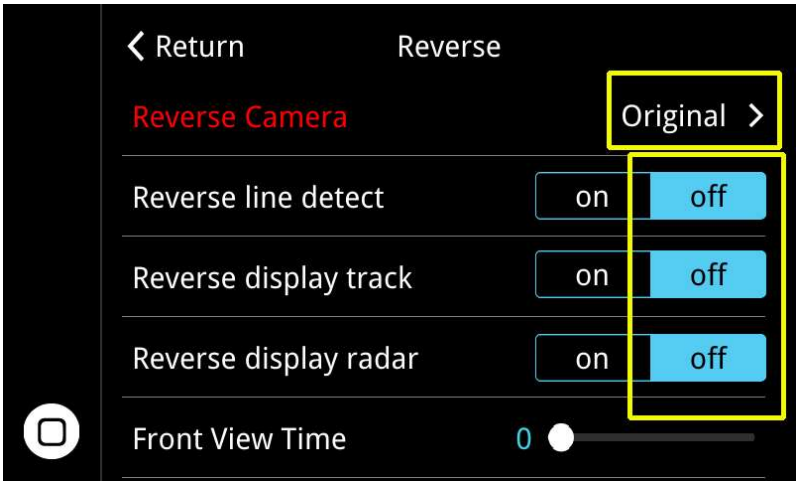
## 5.1 Original OEM camera

Setting is different for the Automatic Transmission car and the Manual Transmission car.

### 5.1.1 Setup for Automatic Transmission car with original OEM camera

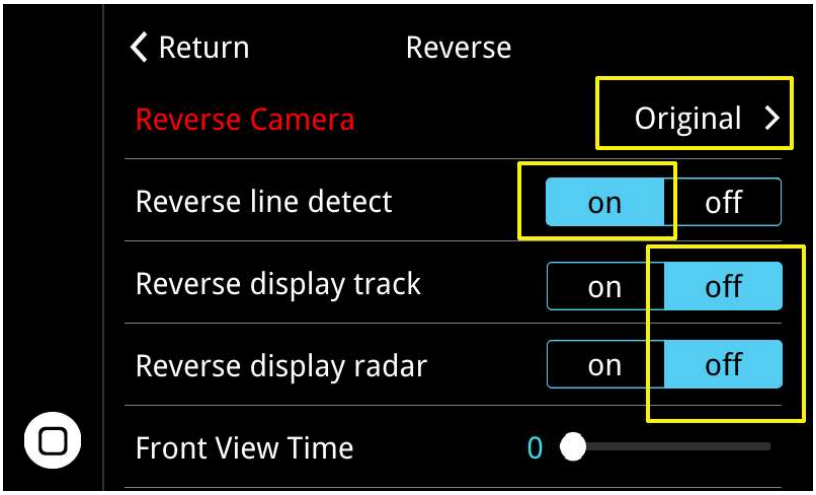
Enter the “Setup” menu from the decoder main menu, choose “Reverse”, then make sure the “Reverse Camera” option is set to “Original”.

Make sure that the following three options are all set to “off”.



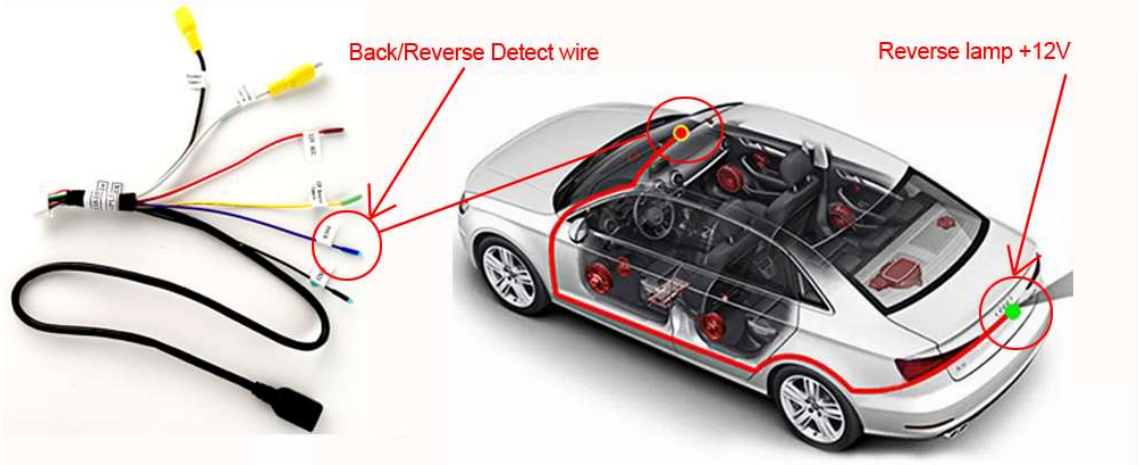

### 5.1.2 Setup for Manual Transmission car with original OEM camera

Enter the “Setup” menu from the decoder main menu, choose “Reverse”, then make sure the “Reverse Camera” option is set to “Original”, and set the “Reverse line detect” into “on”, the others are set to “off”



After set the “Reverse line detect” into “on”, for the Manual Transmission car, you need to connect the “Back/Reverse detect” wire to your car reverse lamp positive (+12V).

You manage to get a wire long enough to connect it (connect the Reverse detect wire to your car reverse lamp +12V), because it doesn’t come with the package.



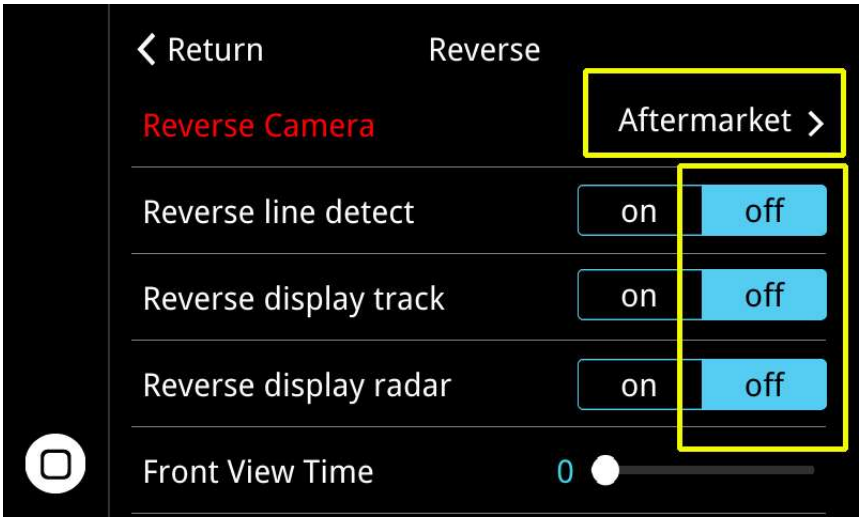

## 5.2 Aftermarket reverse camera

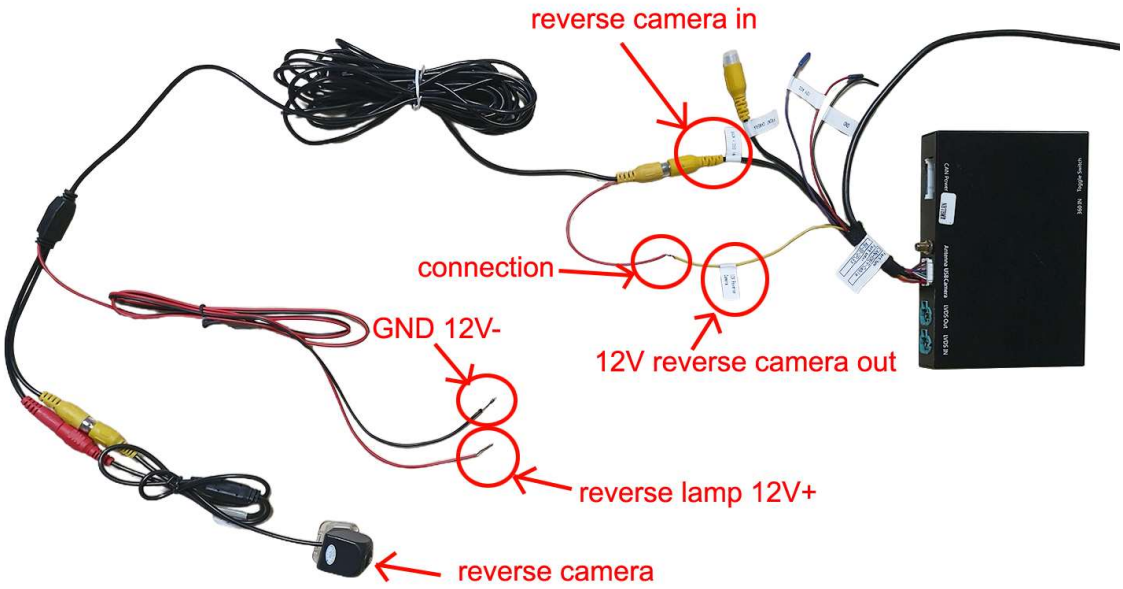
Setting is different for the Automatic Transmission car and the Manual Transmission car.

5.2.1 Setup for Automatic Transmission car with aftermarket camera

Enter the “Setup” menu from the decoder main menu, choose “Reverse”, then make sure the “Reverse Camera” option is set to “Aftermarket”.

Make sure that the following three options are all set to “off”.

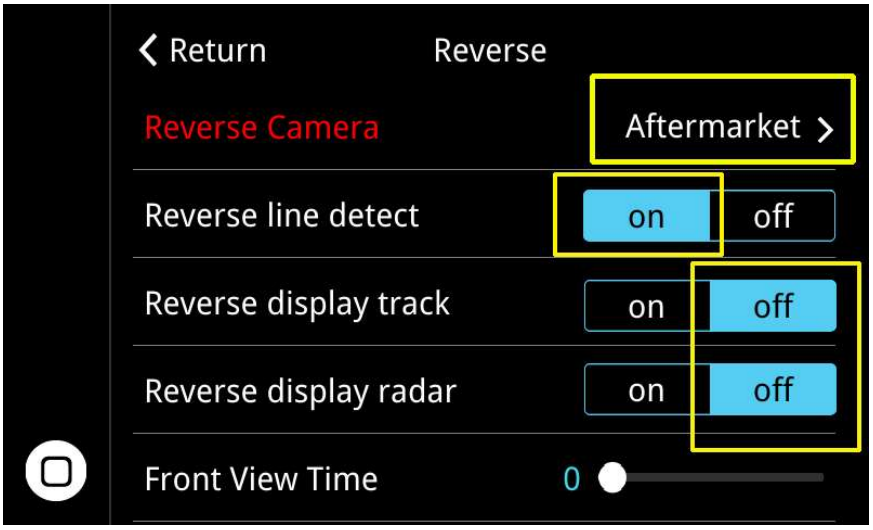


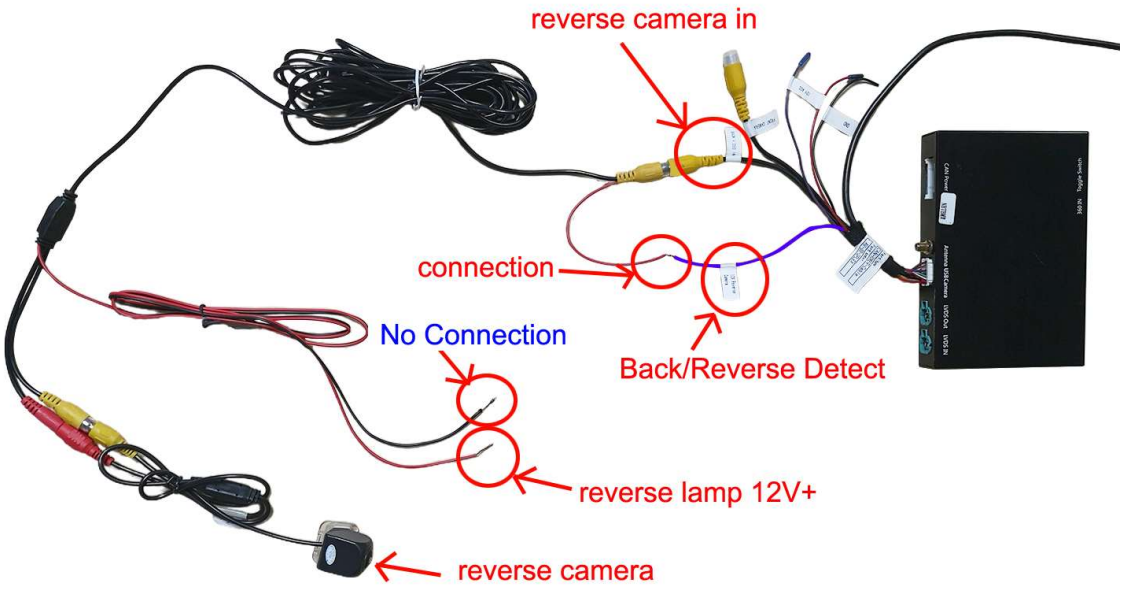



Aftermarket rear view camera cable connection for Automatic Transmission car

5.2.2 Setup for Manual Transmission car with aftermarket camera

Enter the “Setup” menu from the decoder main menu, choose “Reverse”, then make sure the “Reverse Camera” option is set to “Aftermarket”, and set the “Reverse line detect” into “on”, the others are set to “off”

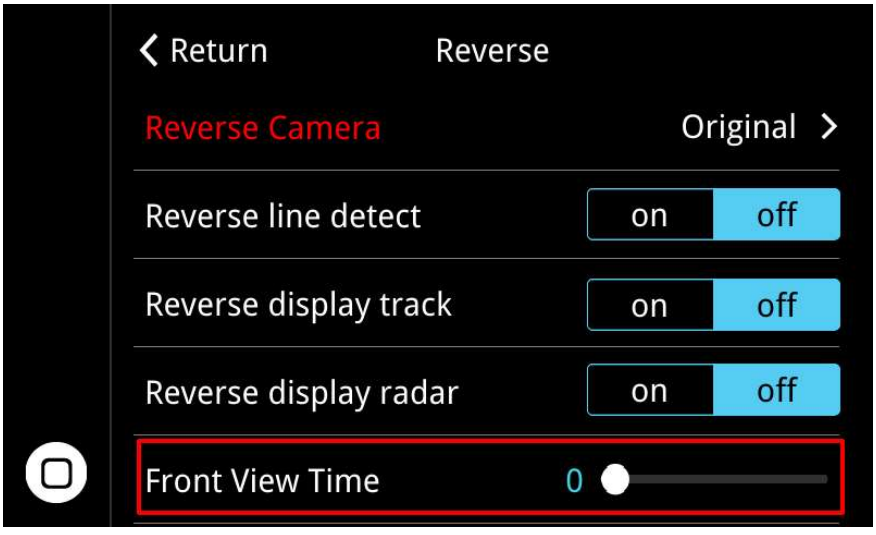




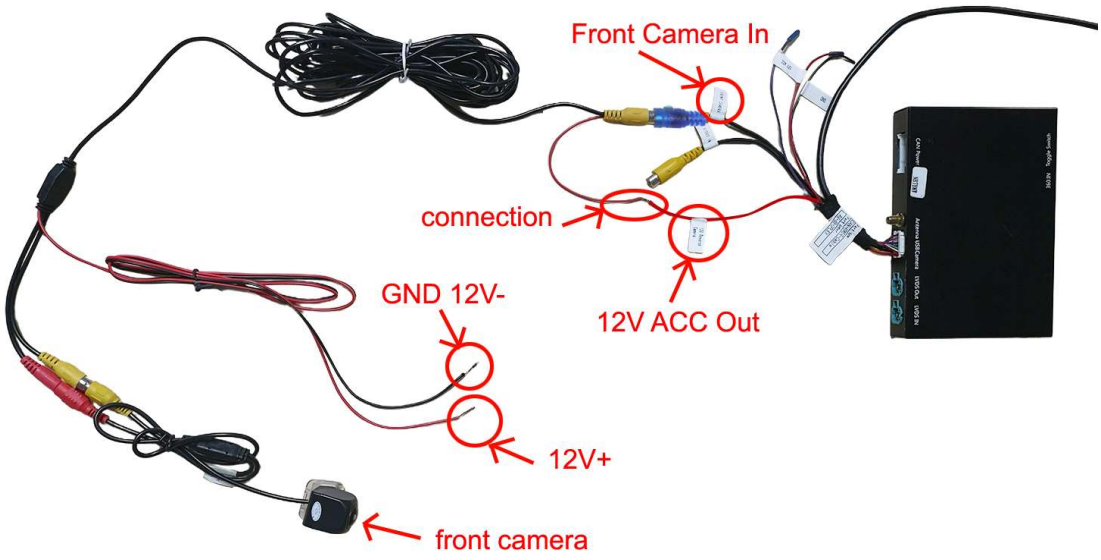

Aftermarket rear view camera cable connection for Manual Transmission car

## 5.3 Front view cameras

Front view camera settings: enter into the “Reverse” setting interface, and set the front view time between 1 to 15 seconds.




Tip: if your car doesn’t install the front view camera, please set the front view time into 0 seconds.




Front view camera cable connection

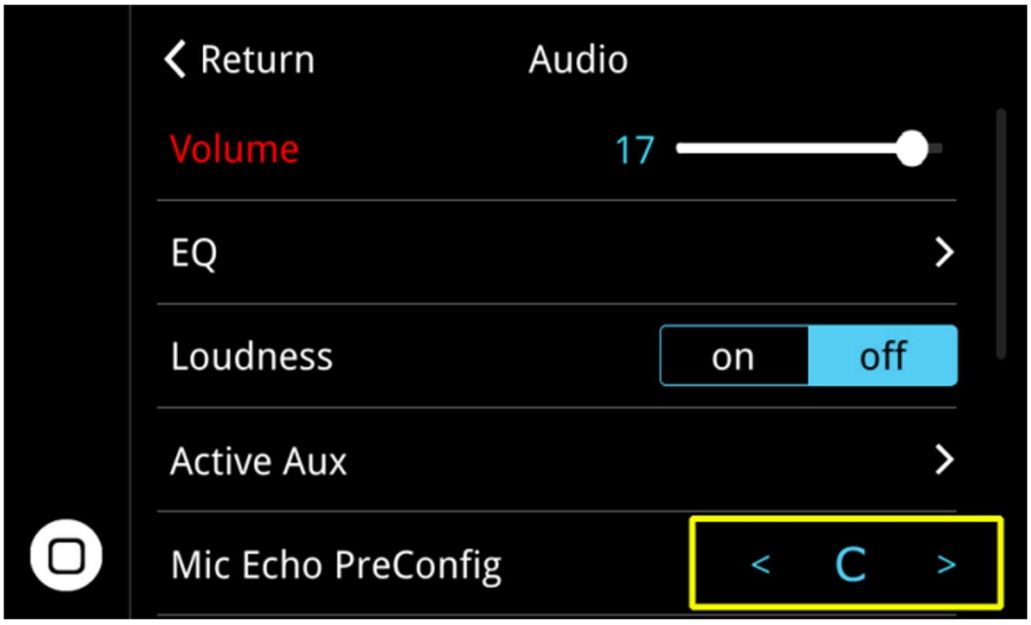
# 6 FAQ

**1. Why is there no sound during CarPlay function?**

Solution: After finishing the “AUX” setting, if the CarPlay system don't has sound, you need to move the original fiber optic cable to CarPlay source power cable.

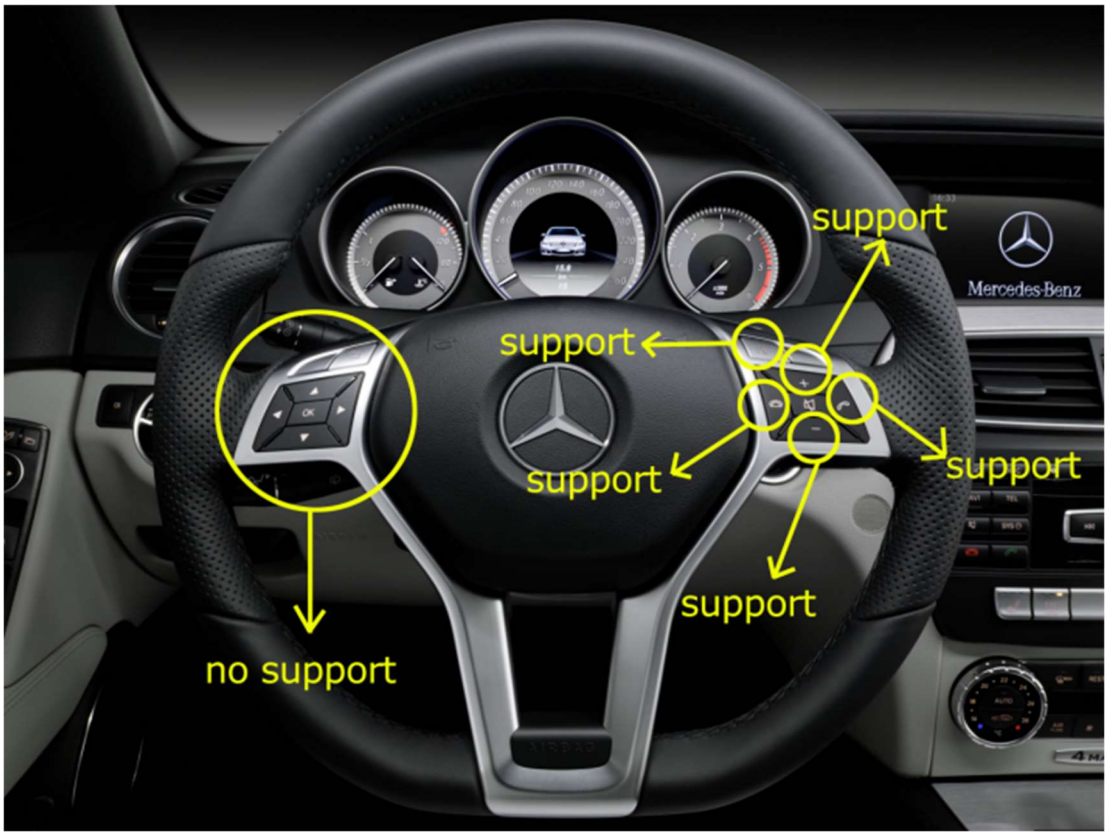
**2. Why is there Echo sound during the call?**

Solution: in the Audio setting, set the “Mic Echo PreConfig“ into “C”, then restart the engine.



### 3. Which steering wheel control buttons work?

The CarPlay interface decoder box supports the Voice Control button, the Telephone button, and the volume "+" and "-" buttons. The other buttons are not supported.



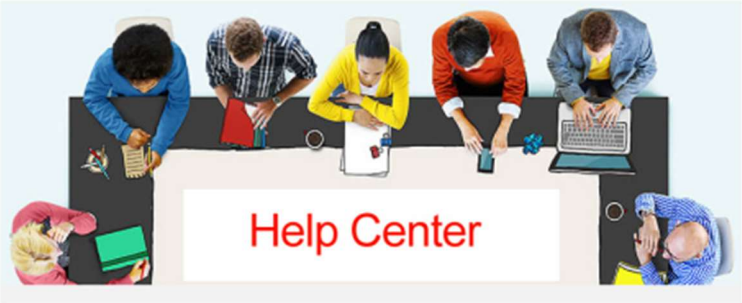

### 4. How do I activate Siri?

There are 2 ways to activate the Siri function:
1) Use the Voice Control button on the steering wheel or
2) Long press the confirm button on the knob controller






# 7 Contact Us




Please contact us via purchase platform, mail 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.)

