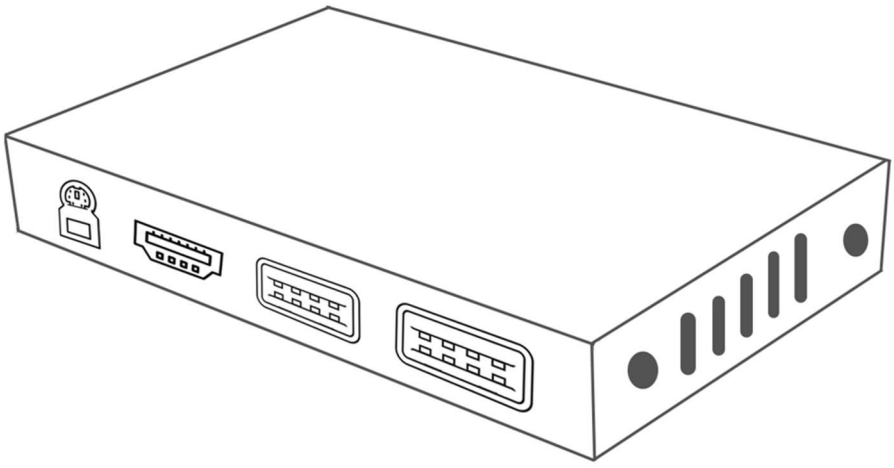
User Manual

Cable Connection

For Bosch System



Contents

1. Toggle Switch Setup 1
    1.1. Choose the toggle switch setup according to the system of your car's screen 1
    1.2. Where to find the toggle (DIP) switches? 1
    1.3. Steps for change the toggle switch 2
    1.4. Set the toggle switch 3
2. Dashboard Removal 4
3. Cable Connection 5
    3.1. Cables and Accessories 5
    3.2. Cable Connection Chart 5
    3.3. Power Cable Connection 6
    3.4. LVDS Cable Connection 8
    3.5. WiFi Antenna and USB-AV Cable Connection 9
    3.6. Audio GND Cable Connection 10
    3.7. Where to Put the CarPlay Box? 11
4. CarPlay Sound Setup 11
    4.1. AUX Output 12
    4.2. Phone Bluetooth Output 13
5. Reverse and Front Cameras 15
    5.1. Original OEM Camera 15
    5.2. After Market Camera 16
    5.3. Front View Camera 18
6. FAQ 19
7. Contact US 22

1. Toggle Switch Setup

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

Car Model	Year	Bosch System
Grand Evoque Discovery Range Rover Sport Range Rover Discovery Sport Jaguar F-TYPE Jaguar XF Jaguar XE	2012-2016	

1.2 Where to find the toggle（DIP）switches?

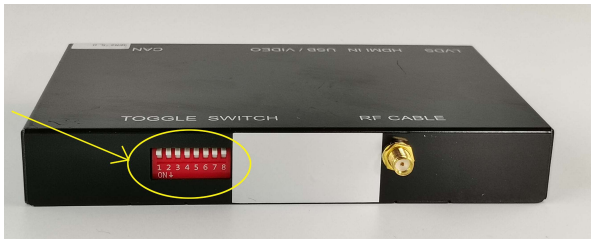


1.3 Steps for change the toggle switch

For different car model, there are two dial ways: the dial setup 1 and the dial setup 2.

The priority way is the dial setup 1. After all the cables have a correct connection, if you can't switch from the OEM system to the CarPlay decoder main interface, or the CarPlay decoder main interface show incorrectly or black screen, please change the toggle switch setup into dial setup 2.

When change the toggle switch setup, you need to restart the engine, below are the detail steps for change the toggle switch.

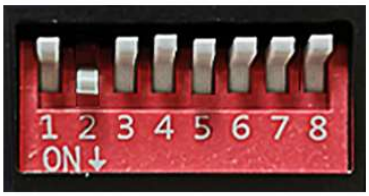
Steps for change the toggle switch	
Step 1 : power off the engine	
Step 2 : unplug the CAN power cable	
Step 3 : change the toggle switch according the toggle switch dial setup chart	
Step 4 : reconnect the CAN power cable	
Step 5 : power on the engine	

1.4 Set the toggle switch

The priority way is the dial setup 1

For Bosch System

dial setup 1



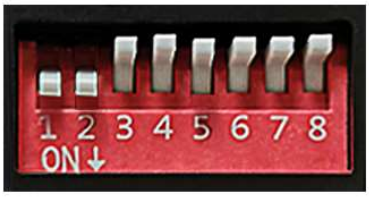
Smart Link System



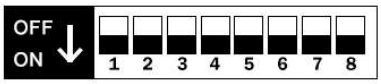
	1	2	3	4	5	6	7	8
Off	✓		✓	✓	✓	✓	✓	✓
On		✓						

Tip: when change the toggle switch setup, you need to restart the car engine.

dial setup 2



Smart Link System



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

Tip: when change the toggle switch setup, you need to restart the car engine.

1.5 Please set the code 5 into “ON” to the dial 1 or dial 2 if you meet the two problems below

1) OEM Bosch system without Navigation function

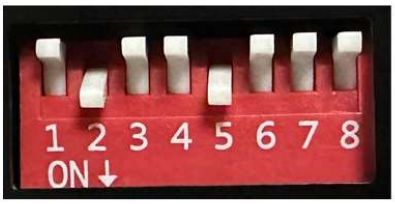
2) Problem about the double image: the screen shows both the OEM navigation system and the CarPlay system at the same time as below,



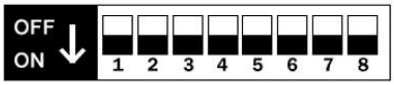
set the code 5 into “ON” to the dial 1 or dial 2

For Bosch System

dial setup 1



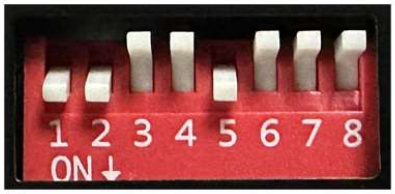
Smart Link System



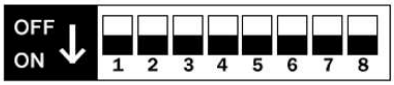
	1	2	3	4	5	6	7	8
Off	✓		✓	✓		✓	✓	✓
On		✓			✓			

Tip: when change the toggle switch setup, you need to restart the car engine.

dial setup 2



Smart Link System



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

Tip: when change the toggle switch setup, you need to restart the car engine.

2. Dashboard Removal

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

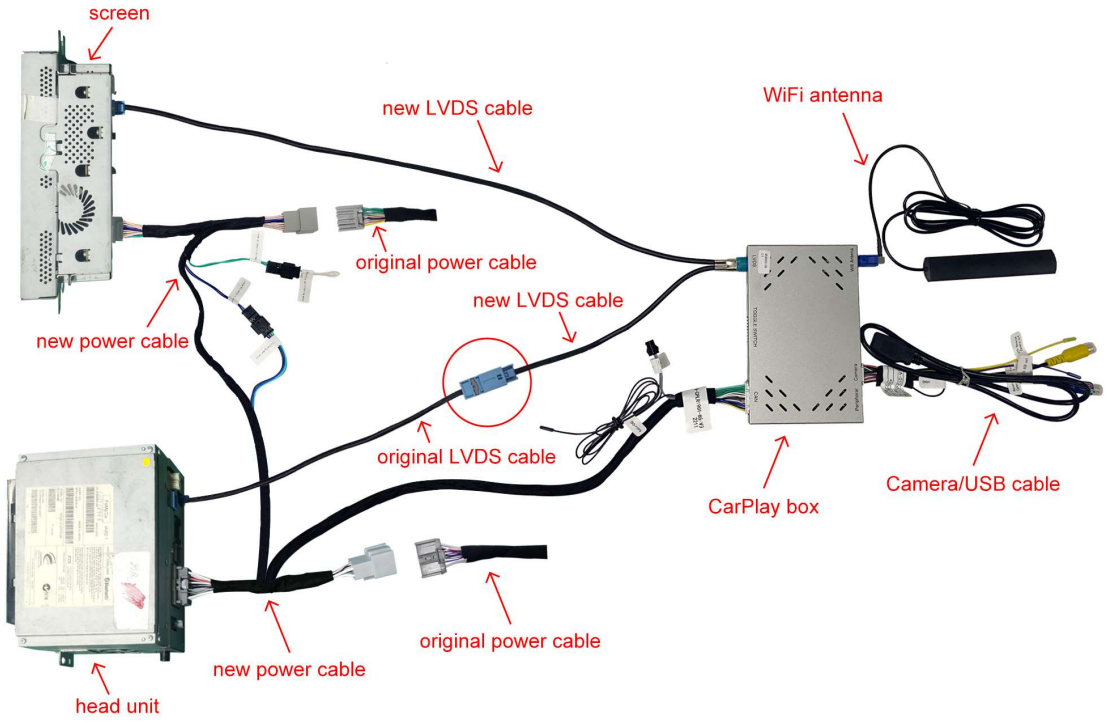
For Land Rover

3. Kit Contents

3.1 Cables and accessories

 CarPlay decoder box	 Power cable	 LVDS cable
 Camera/USB cable	 Wifi antenna	

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 Bosch System and the CarPlay interfaces by long pressing the “NAV” button on the car’s center console.



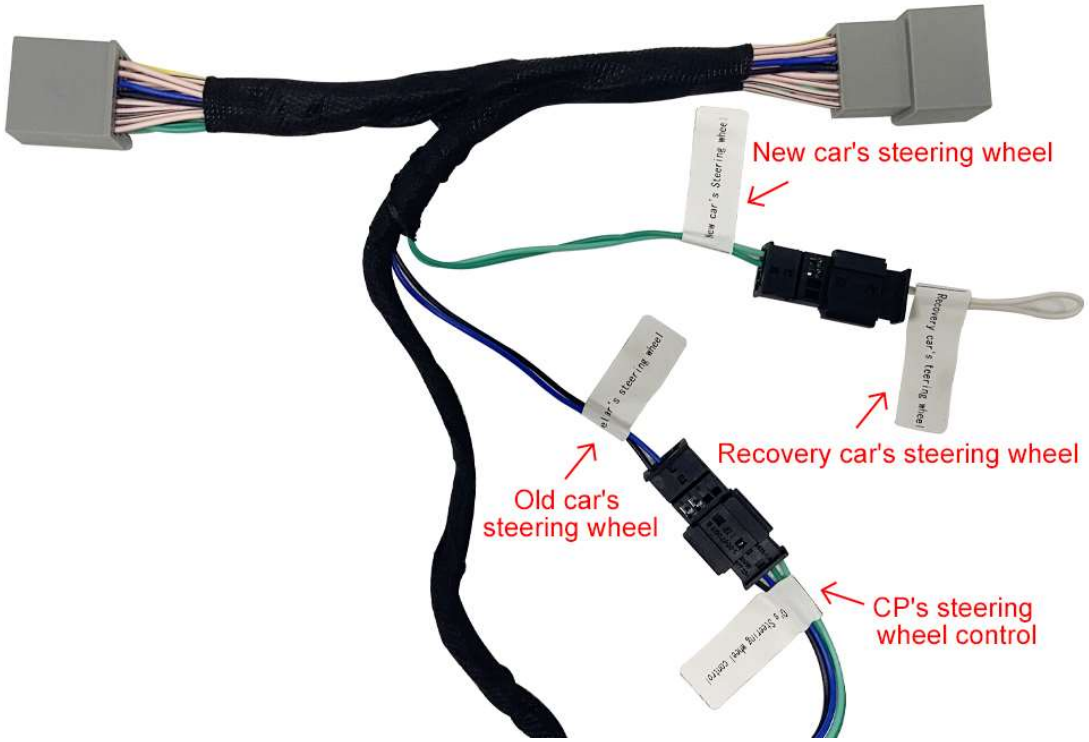
3.3 Power cable connection

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



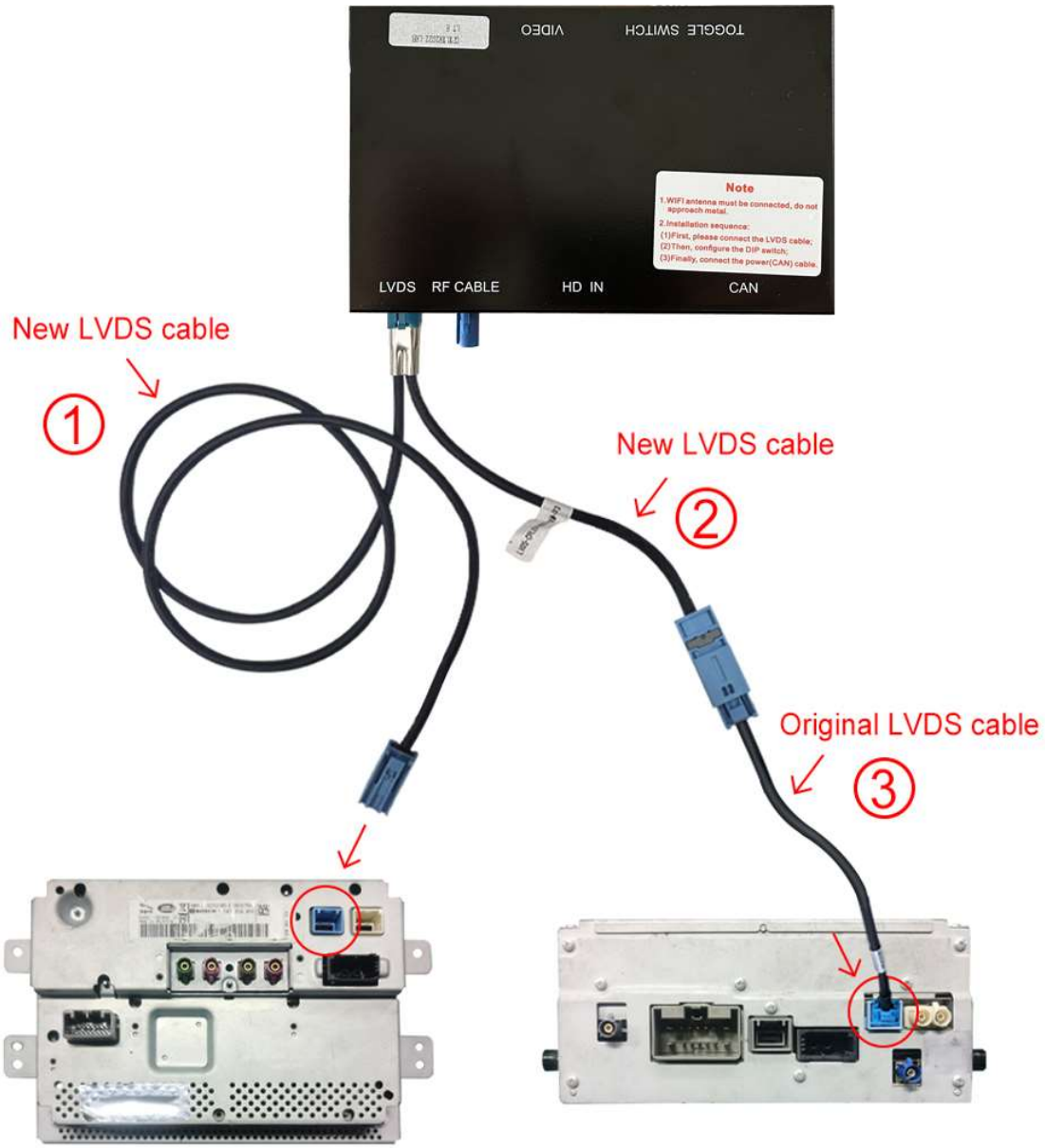
2) For the steering wheel plugs on the new power cable, please connect as follows

A : Old car's steering wheel connect to CP's Steering wheel control
B : New car's steering wheel connect to Recovery car's Steering wheel



3.4 LVDS cable connection

1) New LVDS 1 cable goes to “LVDS” port from the screen.
2) New LVDS 2 cable goes to the original LVDS cable unplug from the screen.
3) Connecting the LVDS cables incorrectly will result in a black screen!

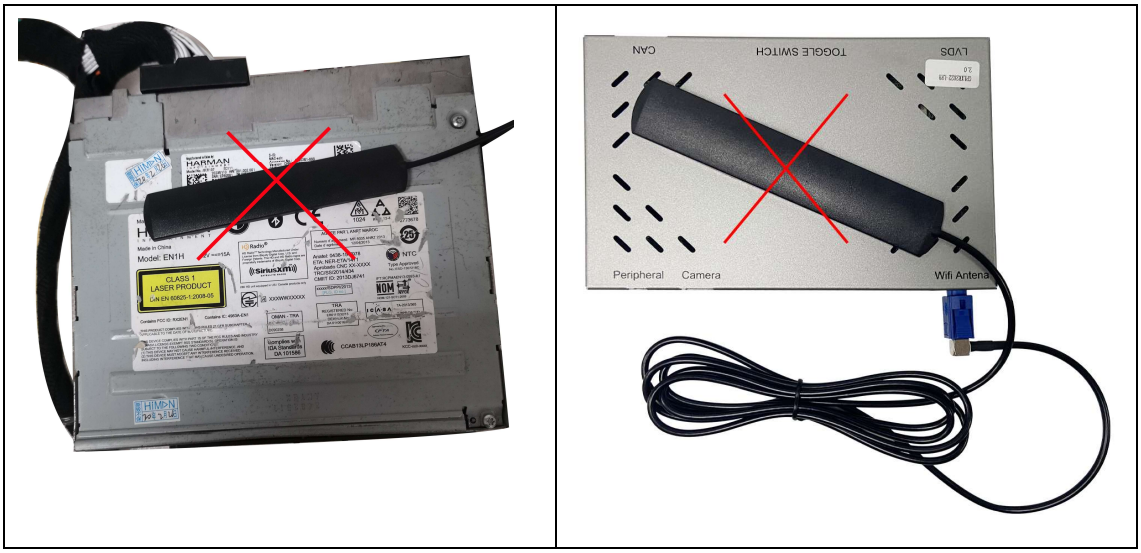


3.5 WiFi antenna and USB-AV cable connection



Tip:

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



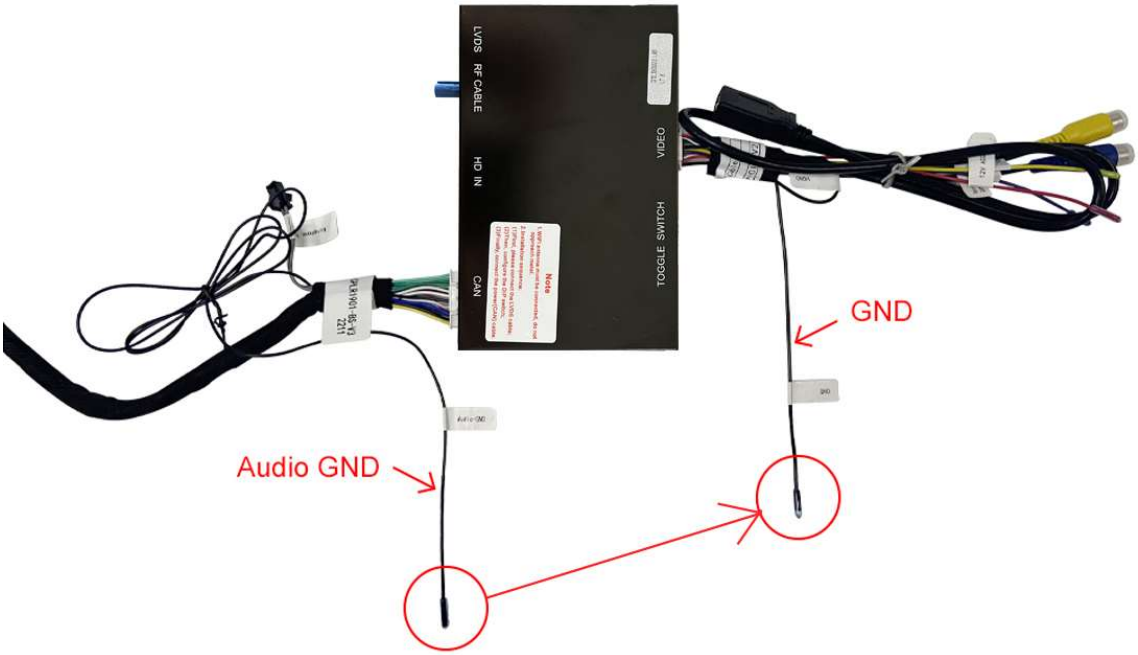
3.6 Audio GND cable connection

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 is distorted or with noise or the sound can’t work.

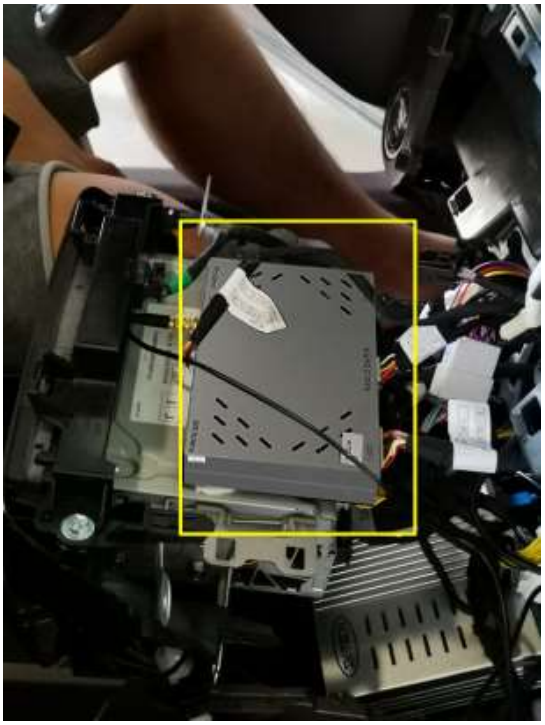
If you have problem about the sound of the CarPlay, like without sound, noise, distorted sound, etc., please connect the “Audio GND” cable of the power cable, to the “GND” cable of the AV-USB cable.

Note: please power off the engine and unplug the CAN power cable, then connect the Audio GND cable to the GND cable!



3.7 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	In the glove box
	

4 CarPlay Decoder Sound Setup

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

4.1 AUX or AMI output

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

4.1.2 Set the 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!

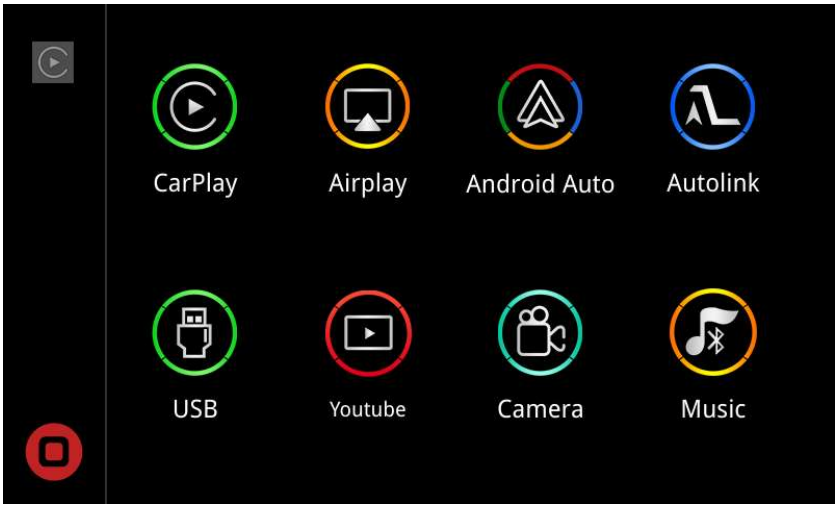




After finishing the AUX setting, long press "NAV" button from your car center console, you can switch the system between the original Bosch system and the CarPlay system.



CarPlay Decoder main interface

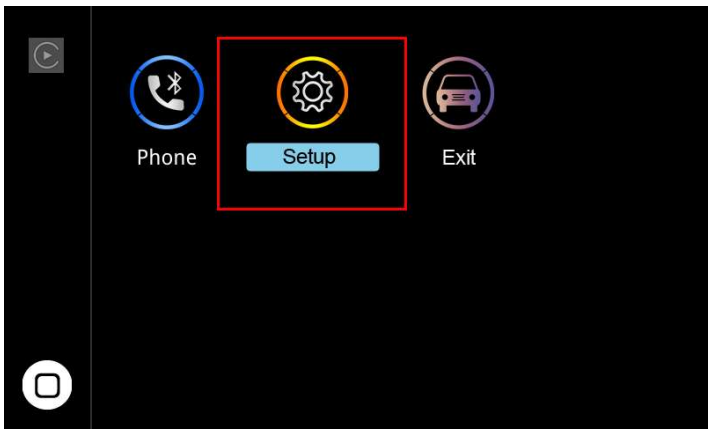
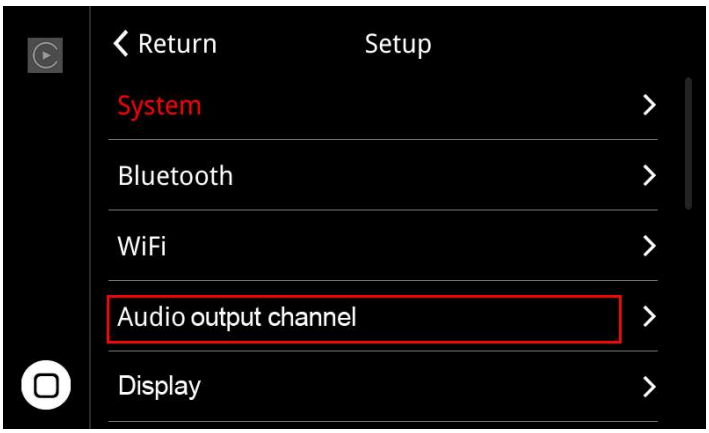
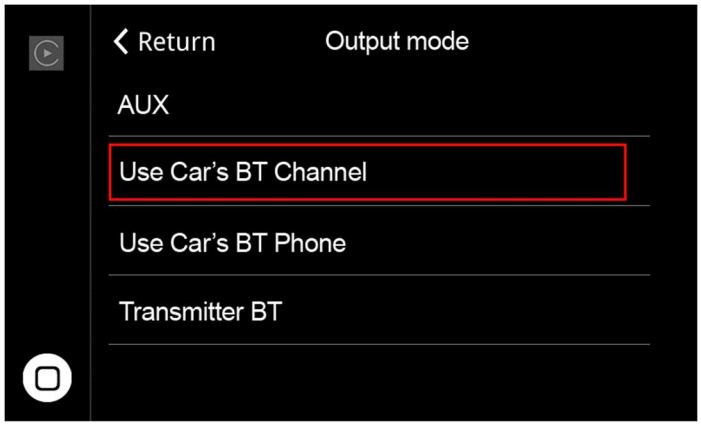
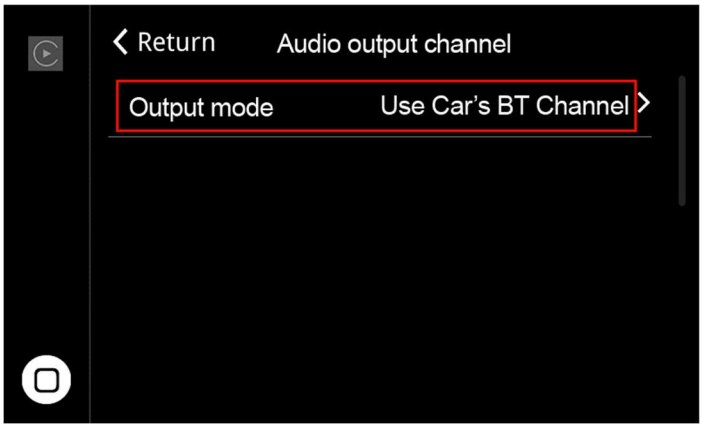


4.2 Phone Bluetooth output

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 Audi Bluetooth

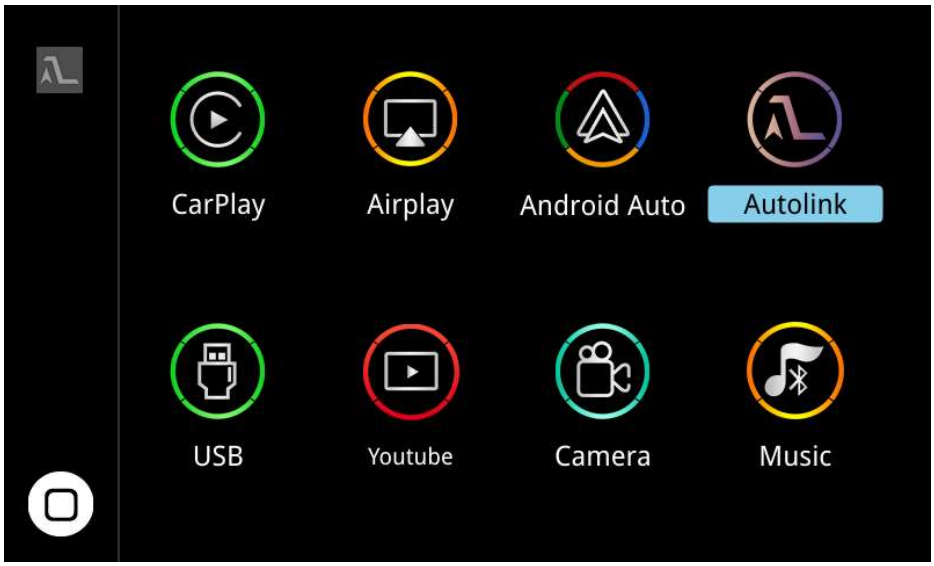
4.2.3 After the phone Bluetooth is paired successfully, Keep the original OEM Audi system into Bluetooth audio page, and long press “NAVI” button from your car center console to enter into the CarPlay decoder interface and enjoy the CarPlay/Android auto.







The CarPlay decoder main interface



5 Reverse and Front Cameras

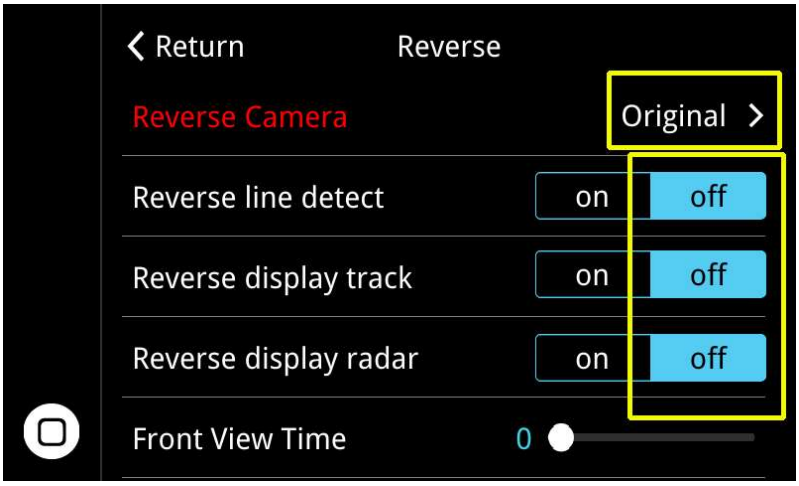
5.1 Original OEM camera

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

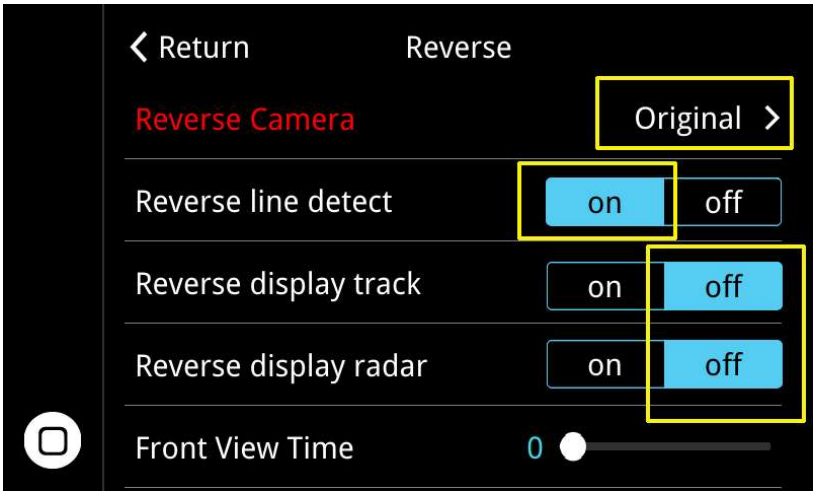
Enter the “Setup” menu from the decoder main menu, choose “Reverse”, then make sure the “Reverse Camera” option is set to “Original”.

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



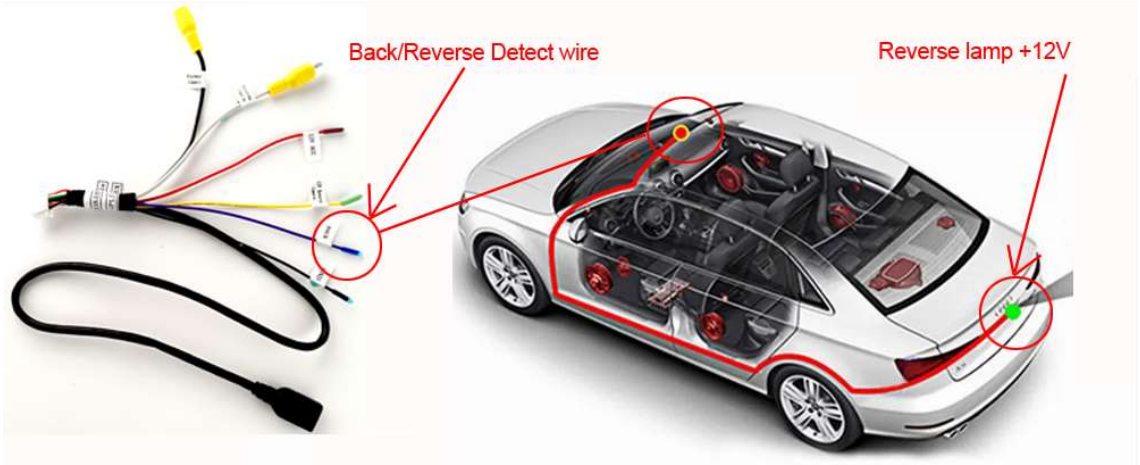
5.1.2 Setup for Manual Transmission car with original OEM camera

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.



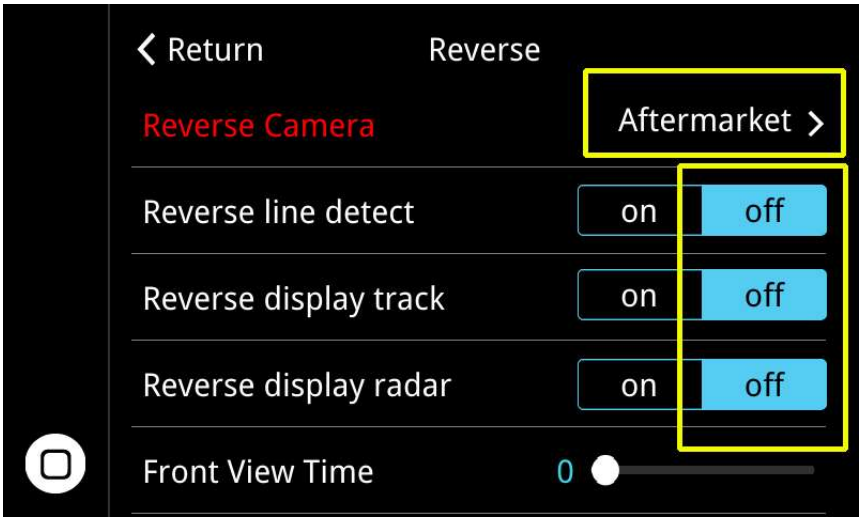
5.2 Aftermarket reverse camera

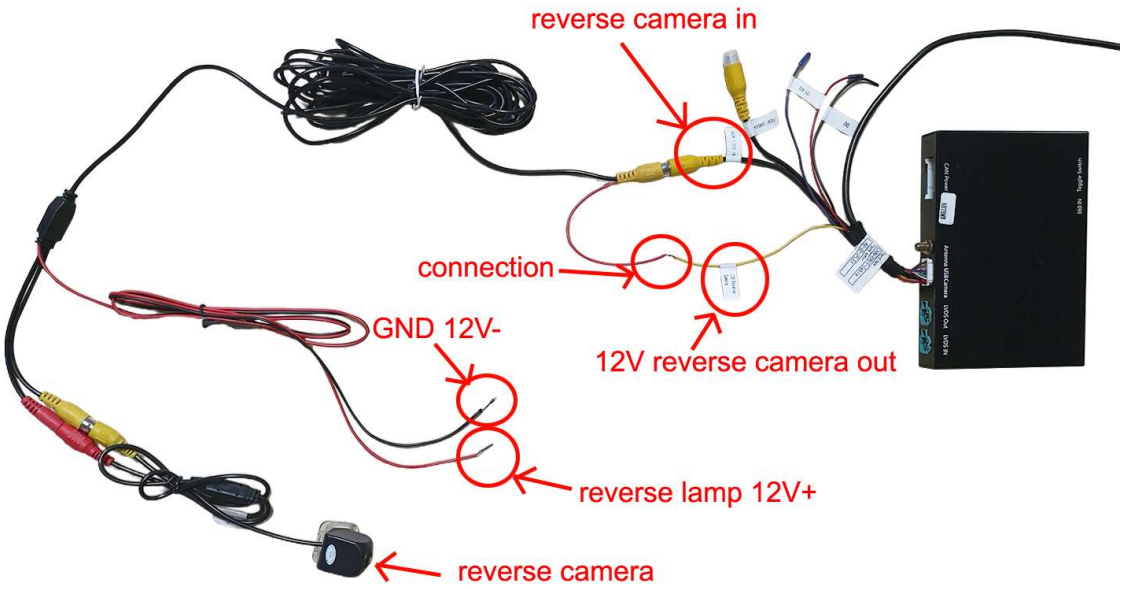
Setting is different for the Automatic Transmission car and the Manual Transmission car.

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”.

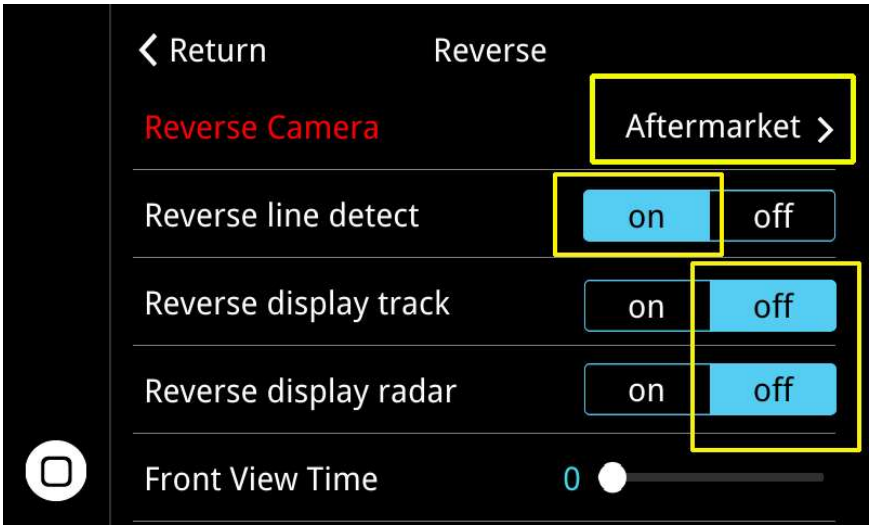


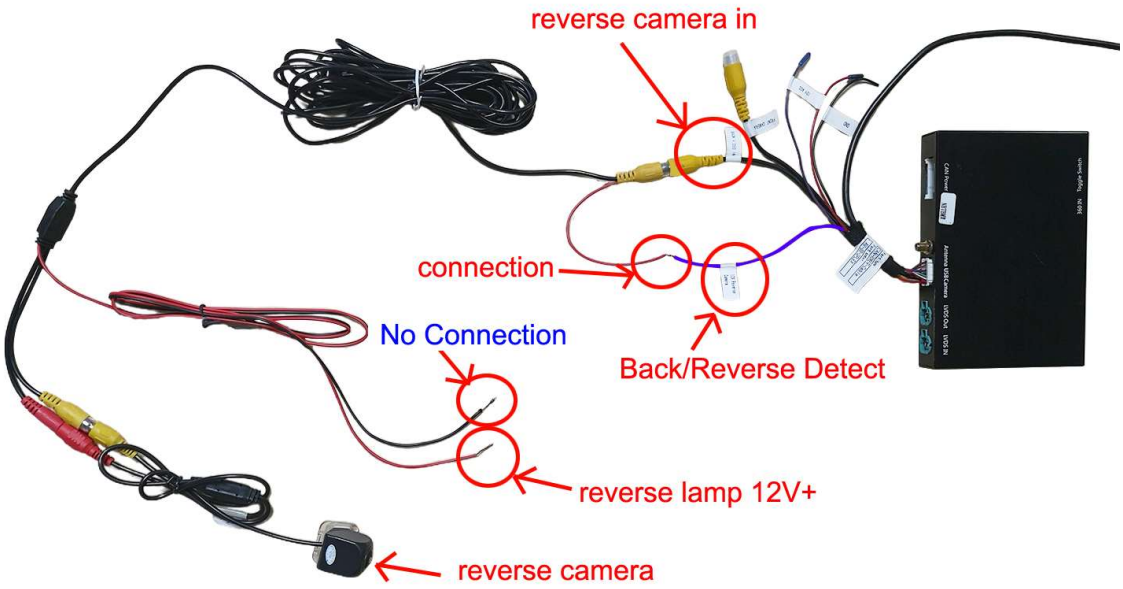


Aftermarket rear view camera cable connection for Automatic Transmission car

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”

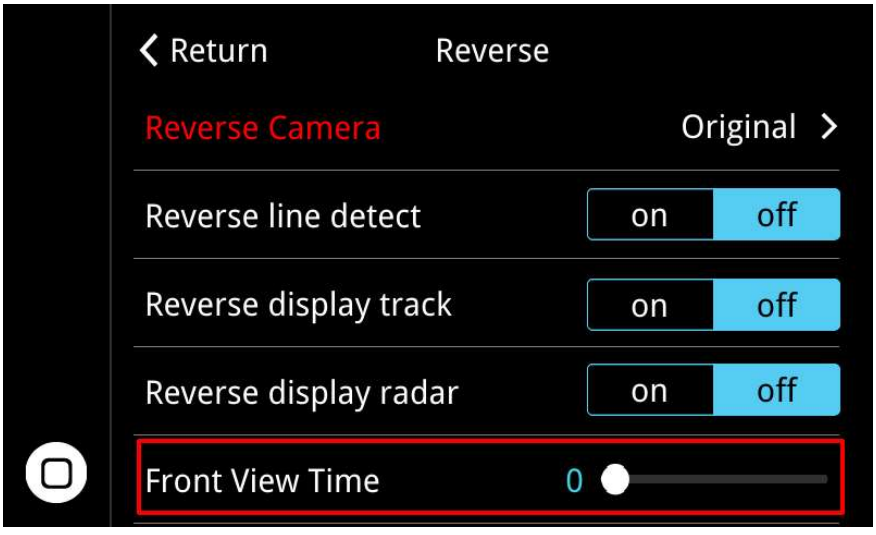




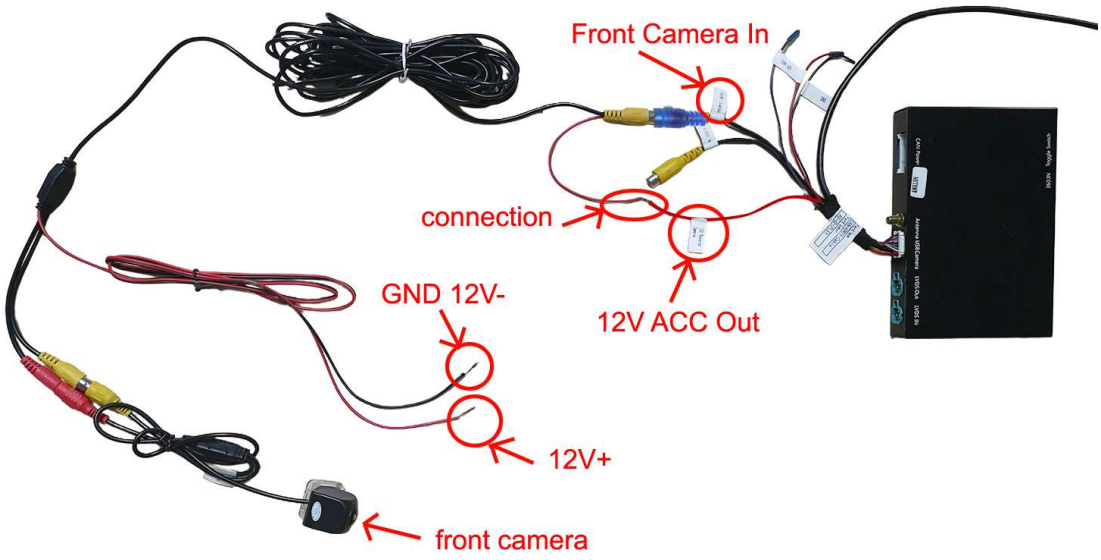
Aftermarket rear view camera cable connection for Manual Transmission car

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 the call after the AUX audio setting?

Solution: Disconnect the Bluetooth between your phone and your car.

2. Why is there no sound during CarPlay function after the AUX audio setting?

Solution :

1. you need to set the “Audio settings” into “AUX”.

2. power off the engine and unplug the CAN power cable then connect the “Audio GND” cable to the “GND” cable

Please view the page 10 of the user manual for detail.

3. Which steering wheel control buttons work?

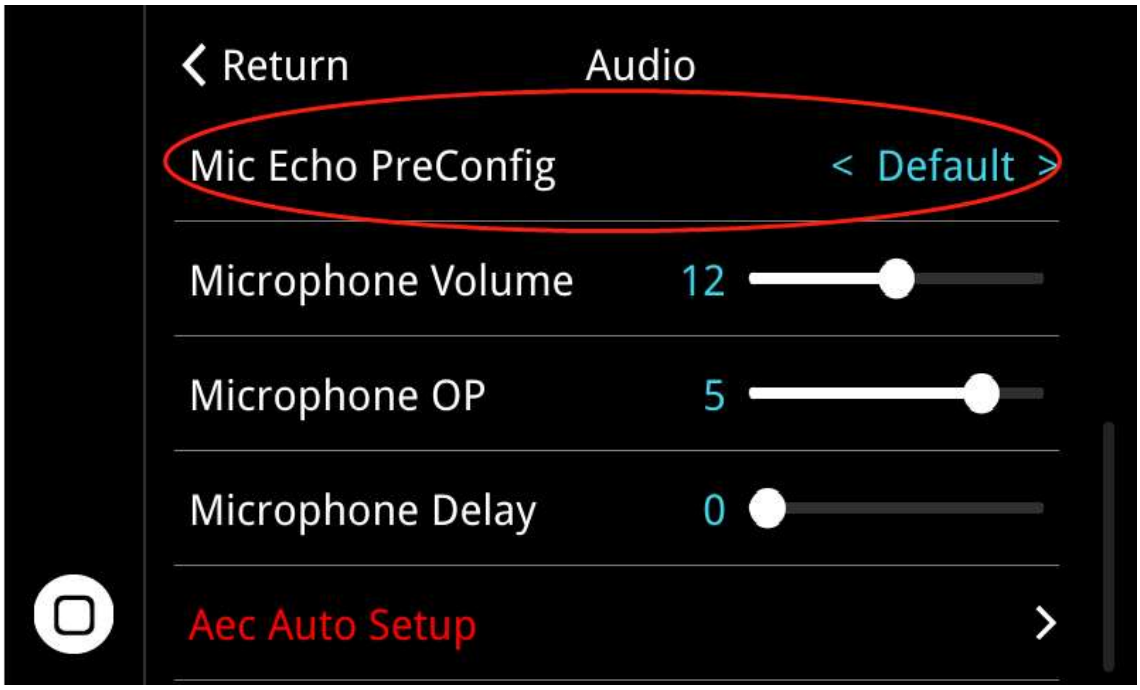
The CarPlay interface decoder box supports the Voice Control button, the Telephone button, Mode button and the volume “+” and “-“ buttons. The other buttons are not supported.



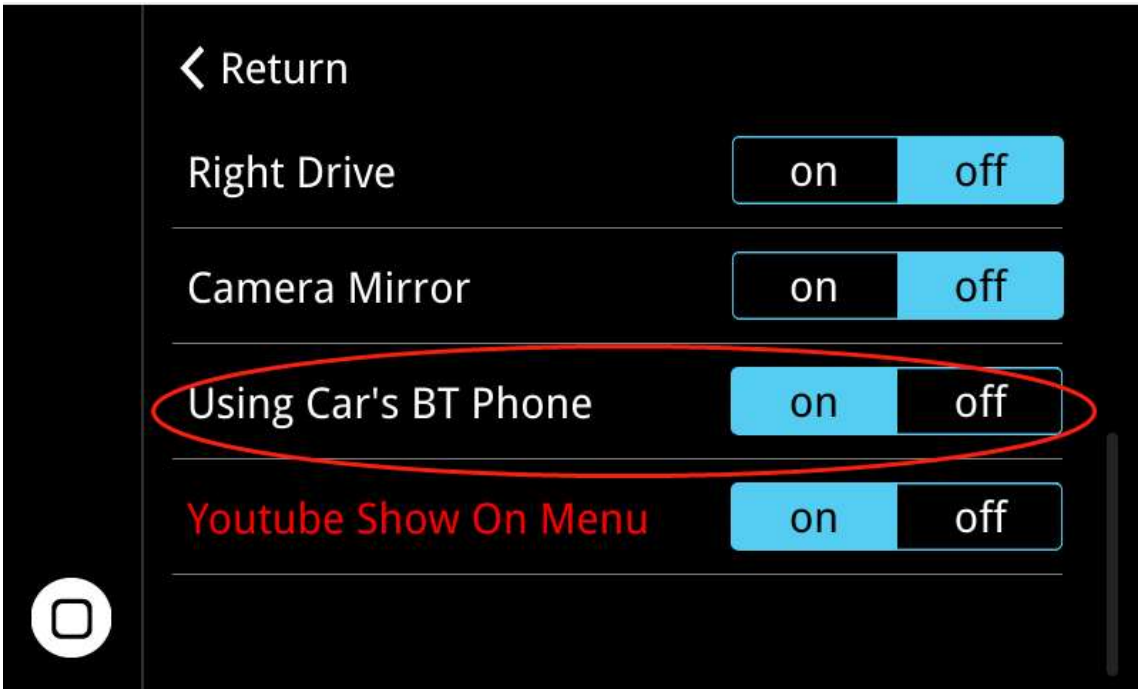
4. Why have the Echo during the call?

Solution:

1. in the Audio setting, Change the setting “Mic Echo PreConfig“ , then restart the engine.



2. in the setting, set the “using car's BT phone“ to ON, then connect original car's bluetooth to make a call.



5. How do I activate Siri?

Use the Voice Control button on the steering wheel



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.)

