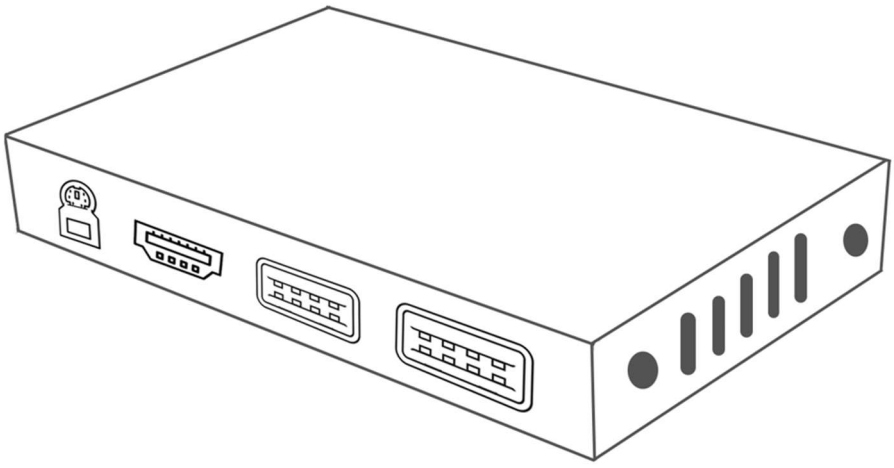
User Manual

Cable Connection

For NBT



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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	6.5 inch screen	8.8 & 10.2 inch screen
1,2,3,4 Series		
5 & 7 Series		
X1 & X5 & X6 &6 series		
X3 & X4		
Mini		

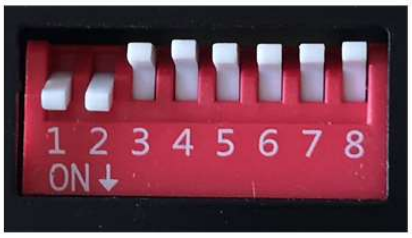
1.2 Where to find the toggle (DIP) switches?



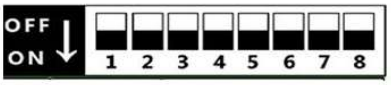
1.3 Set the toggle switch settings according to the size of your car's screen.

for 6.5 inch screen

dial setup 1



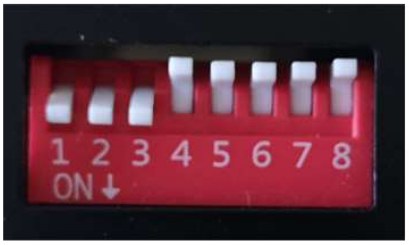
Smart Link System



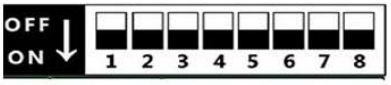
	1	2	3	4	5	6	7	8
Off			✓	✓	✓	✓	✓	✓
On	✓	✓						

for 8.8 / 10.2 inch screen

dial setup 2



Smart Link System



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

2. Dashboard Removal

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

For 5 & 7 Series	For Series 1/2/3/4 & X5/X6	For X3 X4

3. Cable Connection

3.1 Cables and accessories



CarPlay decoder box



Power cable harness



LVDS cable

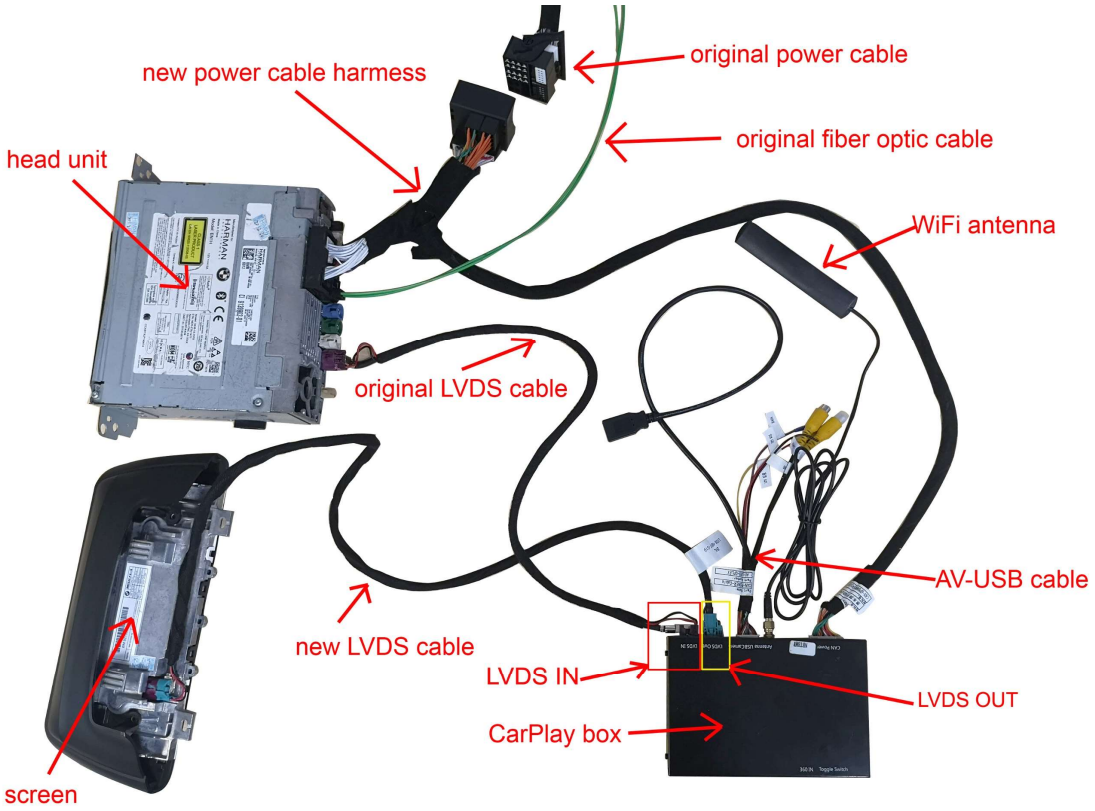


WiFi antenna



USB-AV cable

3.2 Cable connection chart



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

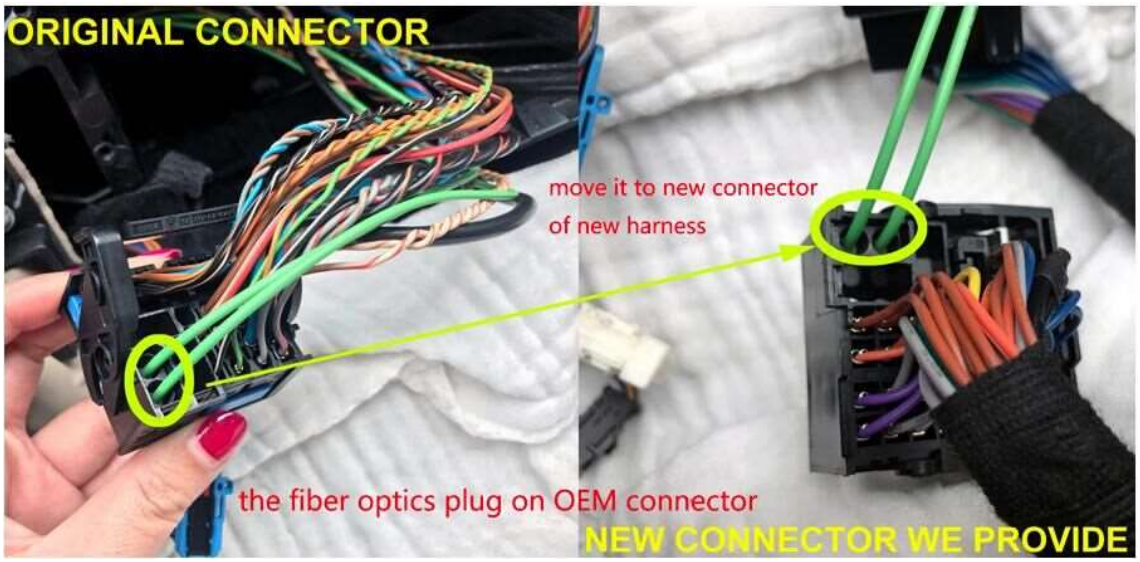
After the cables are all connected, you will be able to switch between the original BMW and the CarPlay interfaces by long pressing the “MENU” button on the iDrive knob.

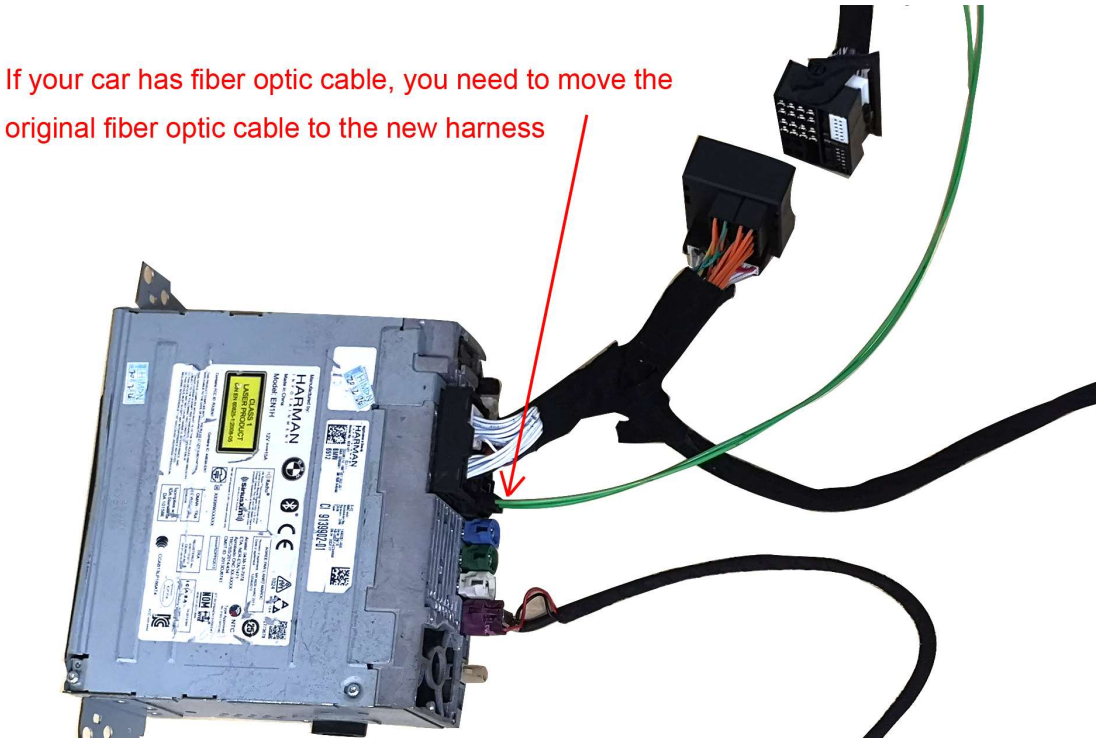


3.3 Power cable connection

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 will need to move the original fiber optic cable to the new harness.



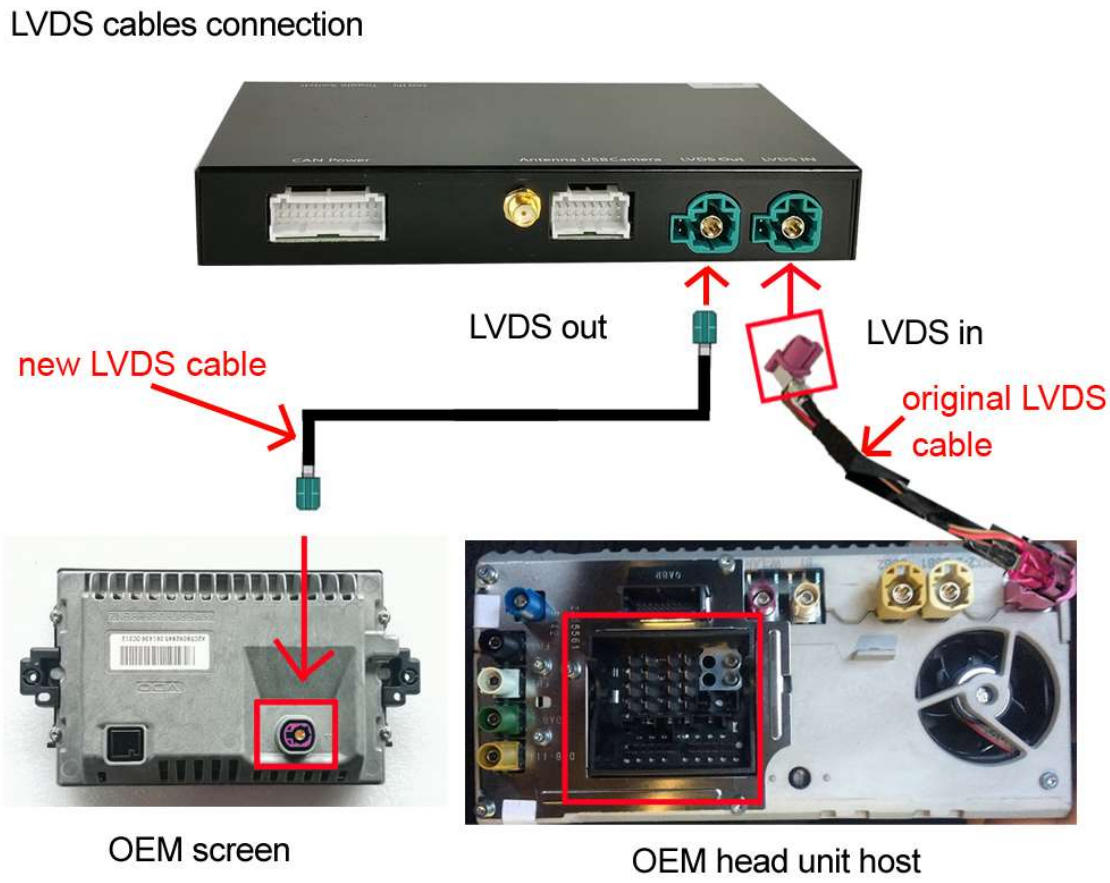


3.4 LVDS cable connection

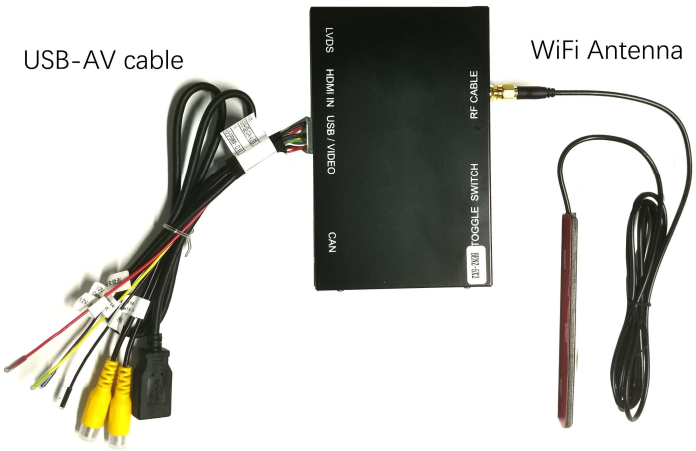
1) The ORIGINAL LVDS cable goes from the HEAD UNIT to "LVDS IN" of the CarPlay box.

2) The NEW LVDS cable goes to THE SCREEN from the "LVDS OUT" of the CarPlay box.

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



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.





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

on the OEM head unit	Beside the OEM head unit
	

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 AUX cable (only for BMW 1/2/3/4 series)

There is no need to connect the EXT-AUX cable to your car AUX port, unless your car is a BMW 3 / 4 series or a 1 / 2 series.



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!

1) On the original BMW System, navigate to the "Multimedia" menu and click "External devices"



2) Click on "AUX front" to activate it.



3) Keep the setting in the original BMW system on "AUX front"

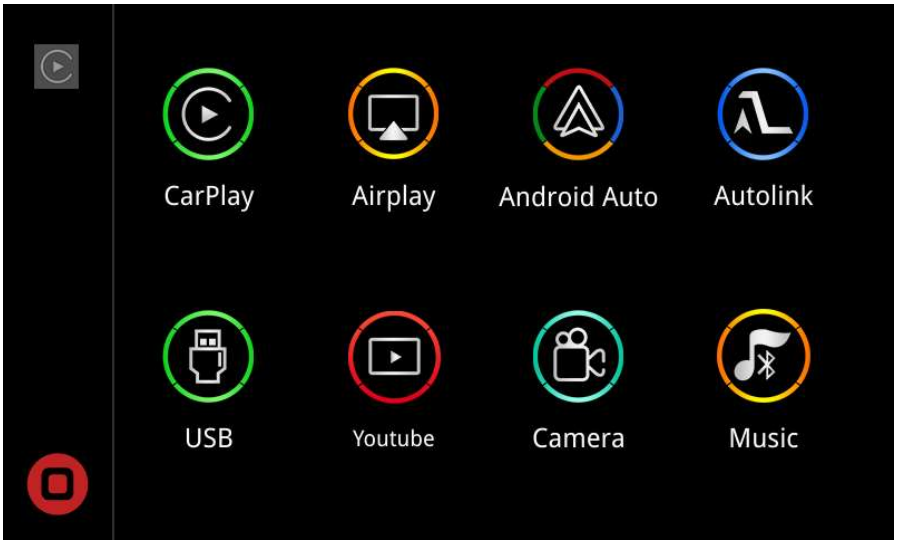


4.1.4 After finish the AUX setting, long press the “MENU” button from iDrive knob, you can switch the system between the original BMW NBT system and the CarPlay system.



Scan the QR code to view sound setting guidance on our YouTube channel.

CarPlay Decoder main interface

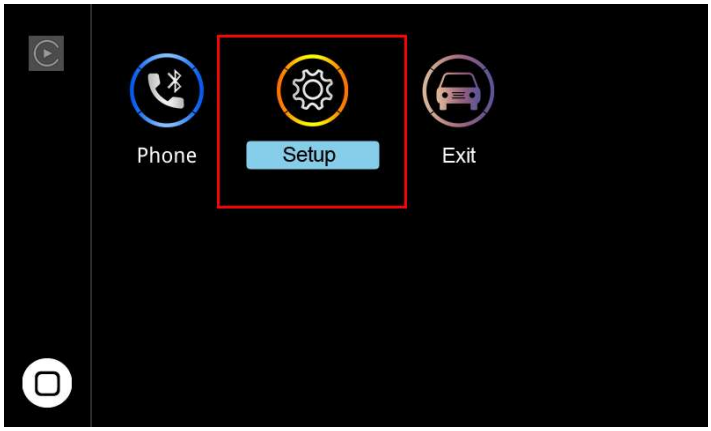
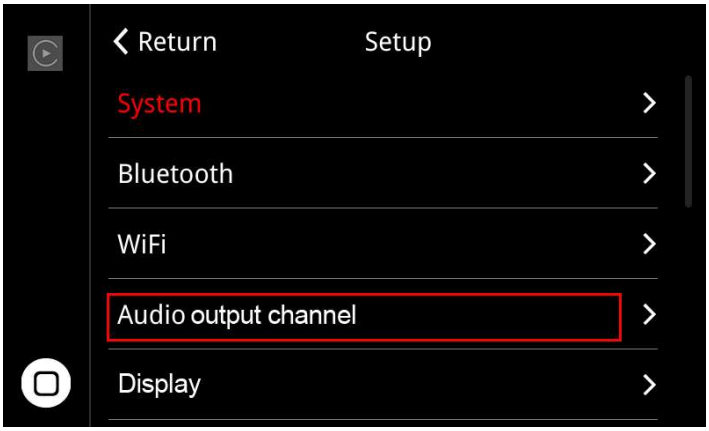
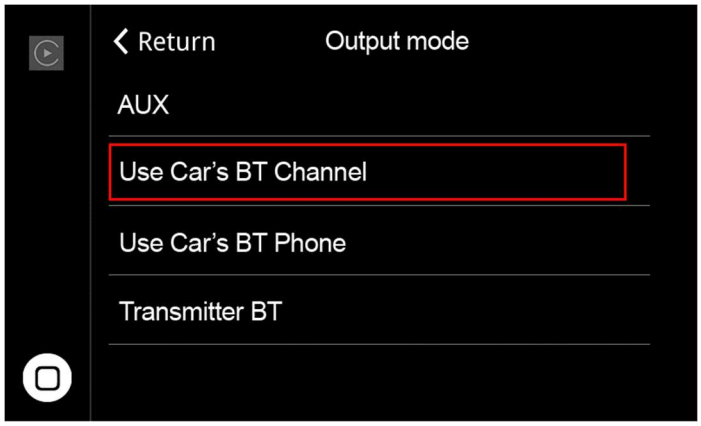
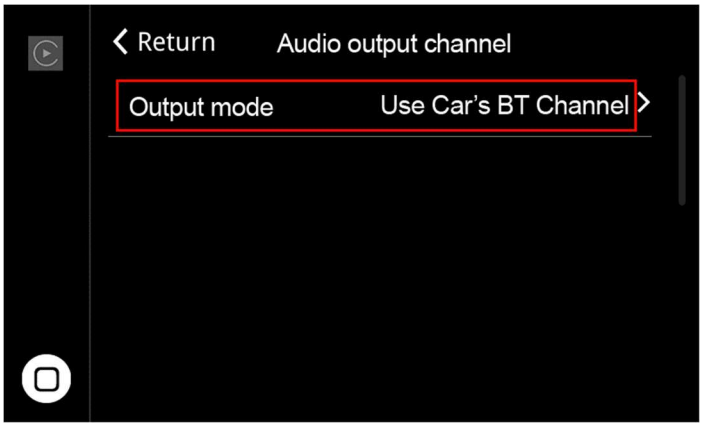


4.2 Phone Bluetooth output

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”

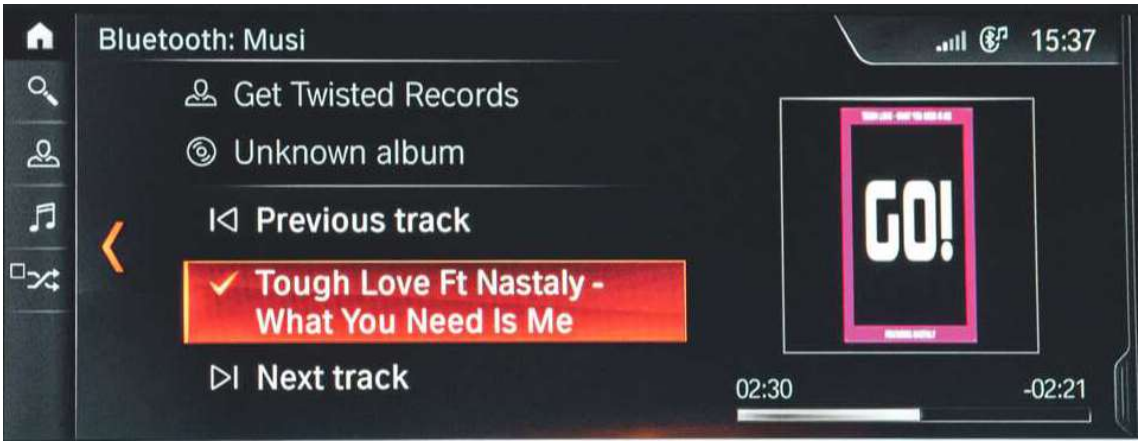
Enter the “Setup” menu from the decoder main menu , Set the “Audio output channel” into “Use Car’s BT Channel” .

Step 1	Step 2
	
Step 3	**Step 4**
	

4.2.2 Pair the Phone Bluetooth to the OEM BMW Bluetooth

4.2.3 After the phone Bluetooth is paired successfully, Keep the original OEM BMW system into Bluetooth audio page, long press the “MENU” button from iDrive knob to enter into the CarPlay decoder interface and enjoy the CarPlay/Android auto.





Long press the "MENU" button from iDrive knob to enter into the CarPlay decoder interface and enjoy the CarPlay/Android auto.



5. Reverse and Front Cameras

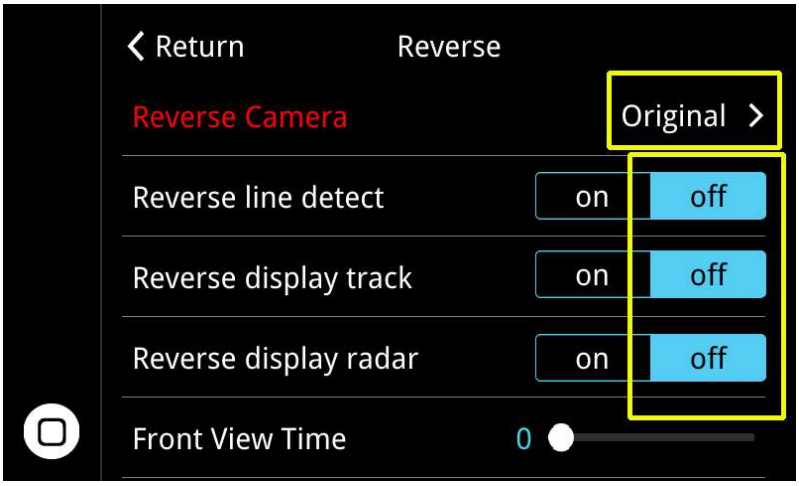
5.1 Original OEM camera

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

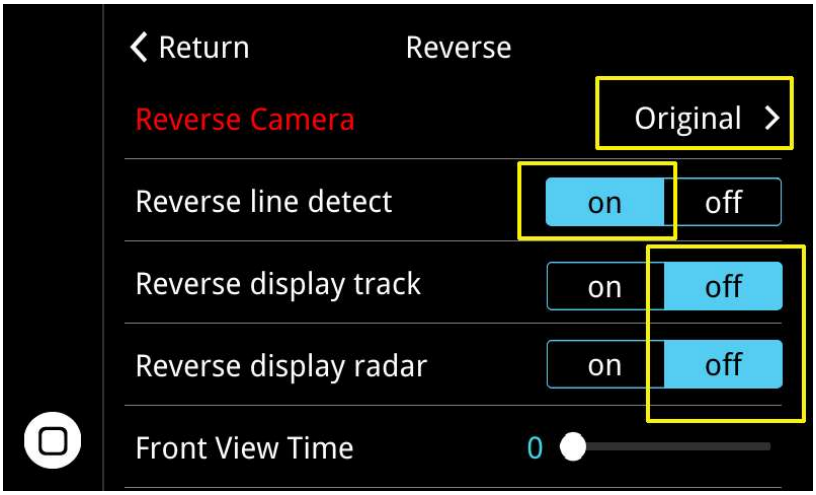
Enter the “Setup” menu from the decoder main menu, choose “Reverse”, then make sure the “Reverse Camera” option is set to “Original”.

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



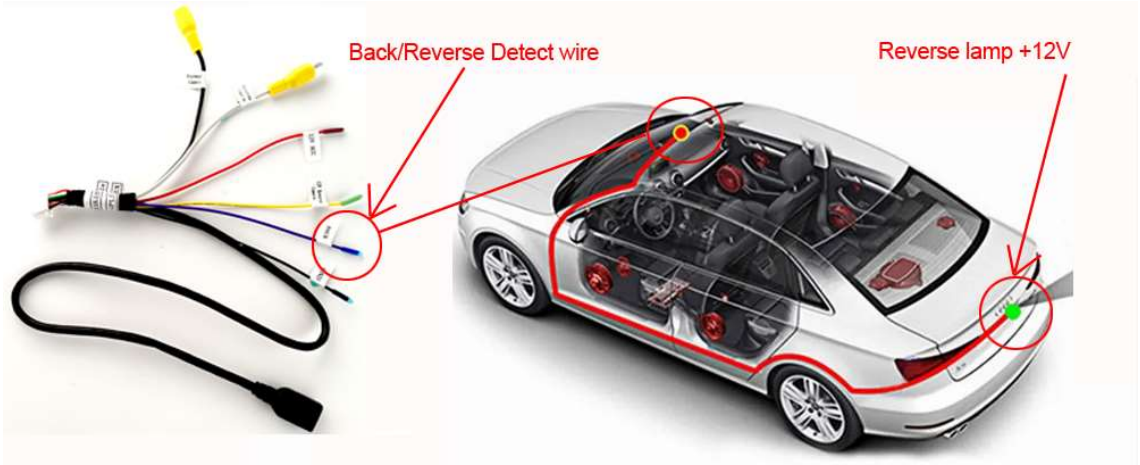
5.1.2 Setup for Manual Transmission car with original OEM camera

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.



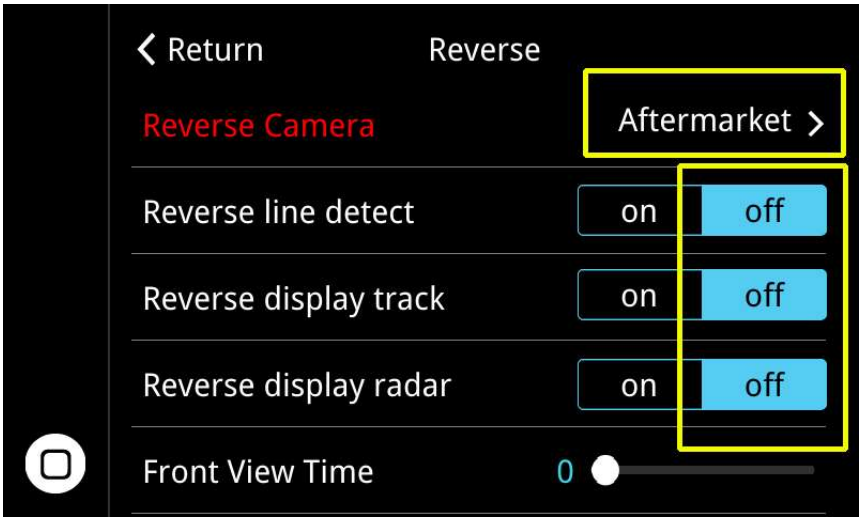
5.2 Aftermarket reverse camera

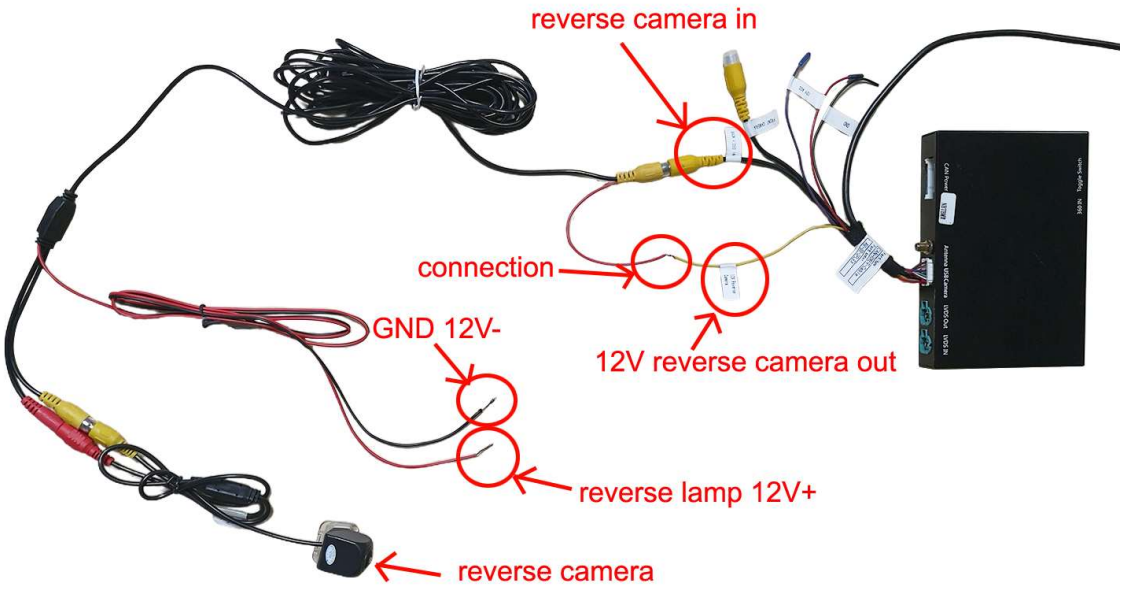
Setting is different for the Automatic Transmission car and the Manual Transmission car.

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”.

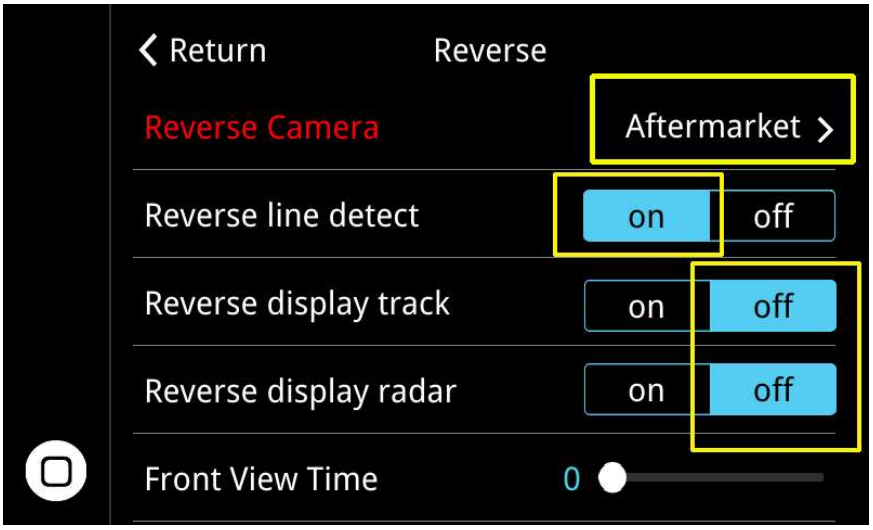


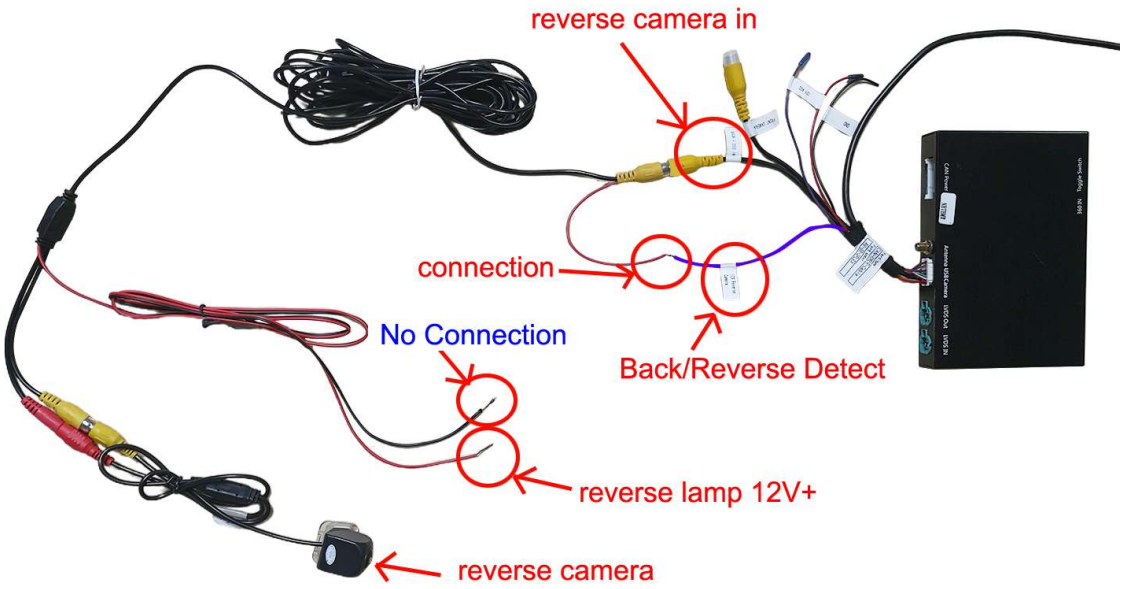


Aftermarket rear view camera cable connection for Automatic Transmission car

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”

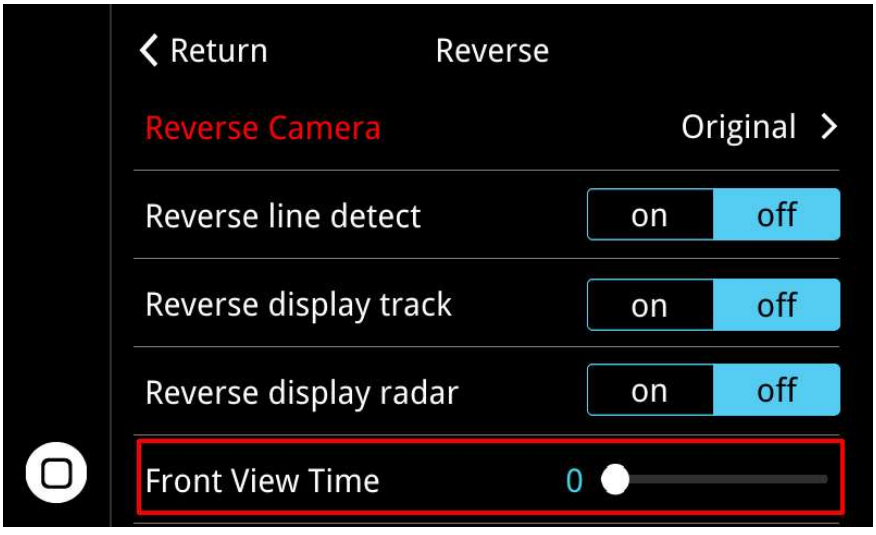




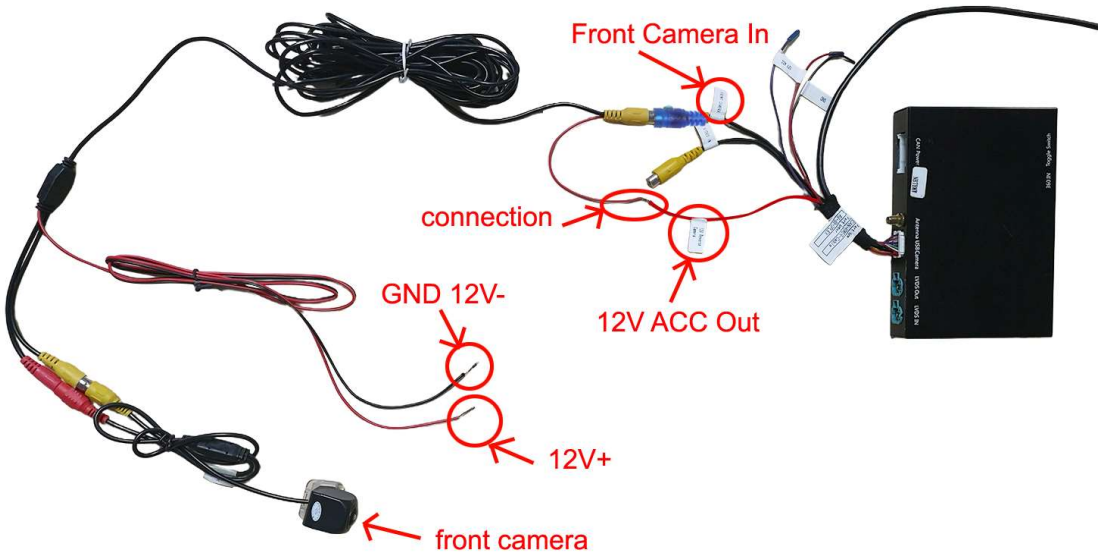
Aftermarket rear view camera cable connection for Manual Transmission car

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

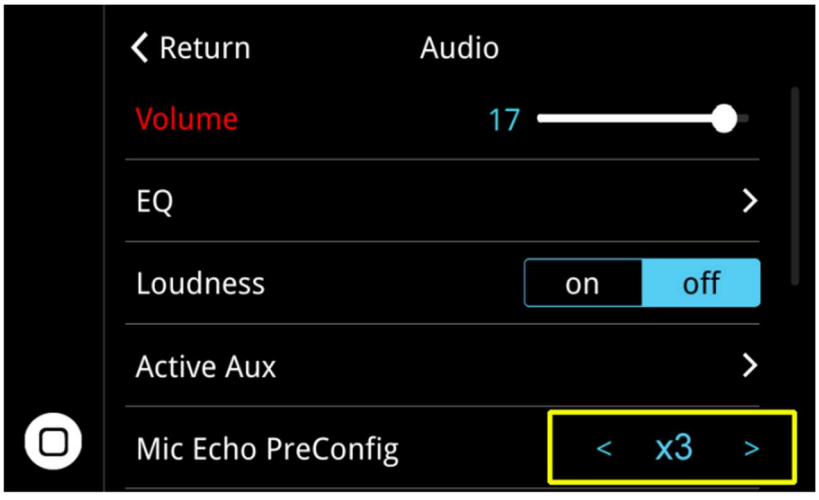
6 FAQ

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

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. **There is an Echo during a phone call**

Solution: in the Audio setting, set the “Mic Echo PreConfig“ into “X3”, then restart the engine.

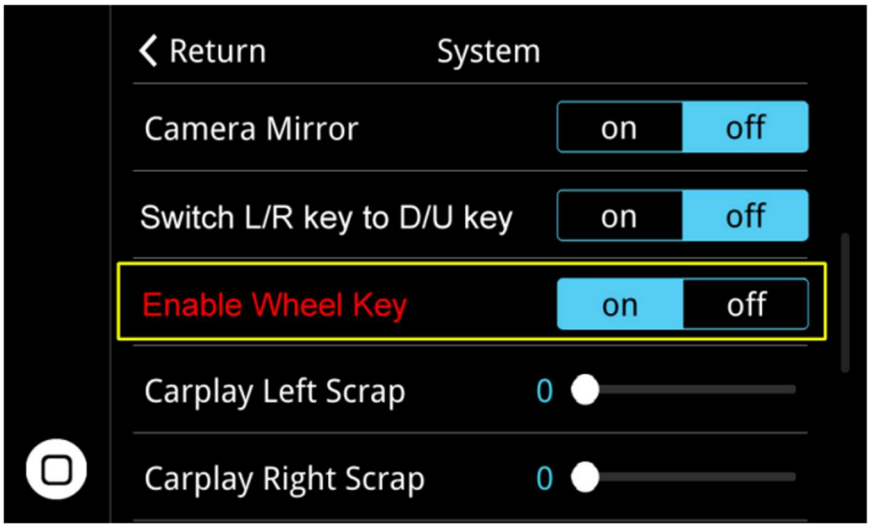


3. Which steering wheel control buttons work?

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



If the steering wheel control buttons are not working, activate the option "Enable Wheel Key", in the "System" menu found in the "Settings" menu.



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 iDrive 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.)

