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**AUTOTOP X3 Wireless Apple CarPlay and Android Auto Mirror Link Functions Decoder**



## Specifications

- CarPlay and Android Auto compatible
- Supports wireless and wired connections
- Reversing video input with a smart module
- Supports wired & wireless mirroring for iPhone and Android phones
- USB video playback for media files

## Product Usage Instructions

### Toggle Switch Setup

1. Choose the toggle switch setup based on your car's screen size.
2. Locate the toggle (DIP) switches.
3. Set the toggle switch settings according to the size of your car's screen.

### Wireless CarPlay Connection Method:

1. Select Bluetooth on your device.
2. Check for the Bluetooth Device name as CAR-xxxx.
3. Turn on WIFI and keep it on. Then, go back to Bluetooth to connect to CarPlay.
4. Select the Bluetooth Device name as CAR-XXX and pair it to use CarPlay when the request window pops up.

### Apple Wireless Screen Mirroring:

1. Select AirPlay on your device.
2. Turn on your phone and select the Wireless LAN option.
3. Find and click on the CAR-WIFI-XXX network and enter the password 66668888.
4. Return to the main interface of the phone, open the shortcut menu page, select Screen Mirroring, and turn it on.

### **Wireless Android Auto Connection Method:**

1. Select Bluetooth on your device.
2. Look for the Bluetooth name starting with CAR-xxx in the interface.
3. Pair with the Bluetooth name beginning with CAR-xxx and follow the Android Auto connect process on screen.
4. Click on CAR-xxx and complete the pairing. Turn on the Android Auto app on your mobile phone for automatic connection.

### **Android Wireless Screen Mirroring:**

1. Scan and download the Auto Link software on your Android phone.
2. Turn on the Auto Link by using the Browser in the Settings page.
3. Open the Auto Link software, search for CAR-WIFIXXXX, and connect.
4. Click START NOW on the phone prompt box to complete the connection.

### **Audio Settings – Call Echo Cancellation:**

To cancel echo during calls, navigate to Settings-Audio-AEC Delay, then click Start Auto AEC. Follow these steps: 1. Keep quiet in the car; 2. Adjust volume to a moderate position; 3. Click Start Auto AEC and wait 20 seconds for estimation completion.

## **Functional Statement**

### **CarPlay / Android Auto**

The built-in vehicle machine interaction system of iPhone cooperates with the central control knob button to provide voice command and control of phone, information, navigation, music, to operate Siri voice interaction to obtain more information; supports wireless and wired connection CarPlay and Android Auto. Support voice control of phone, information, and navigation.

## Reversing Video Input

Smart module can decode video and can be equipped with rear-view video input (The intelligent module can decode video and install rear-view)

## Mirroring

Supports wired & wireless mirroring functions for iPhone and Android phones

## USB Video Playback

Automatic media playback function, can be directly inserted into U disk to play video and audio media

## Toggle Switch Setup.

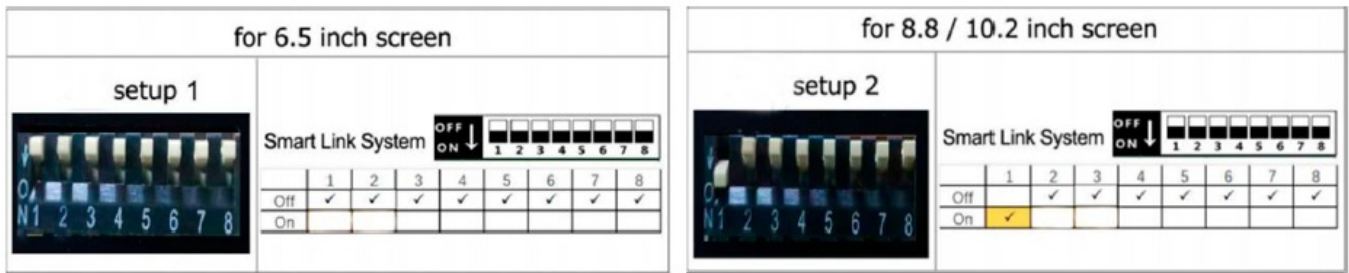
Choose the toggle switch setup by the size of your car's screen

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

Where to find the toggle (DIP) switches?



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



## Wireless CarPlay Connection Method

### Wireless Connection Method:

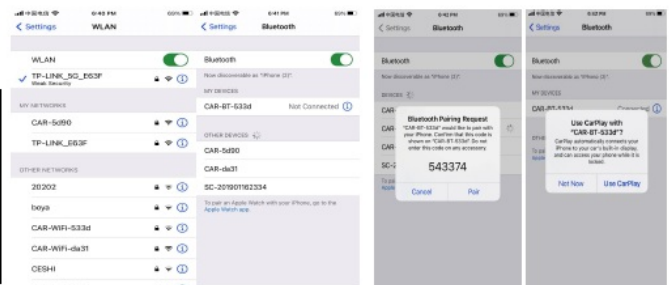


Step 1

Select "Bluetooth"

Step 2

Check the Bluetooth Device name as "CAR-xxxx"



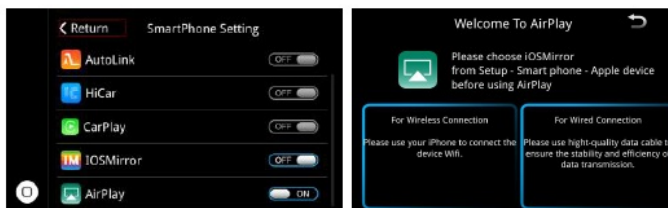
Step 3

Turn on WIFI and keep it on, then back to Bluetooth to connect CarPlay

Step 4

Select Bluetooth Device name as "CAR-XXX" -Pair-Use CarPlay while that pop up a request window

## Apple Wireless Screen Mirroring

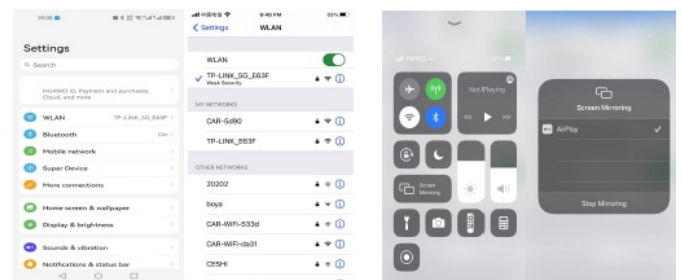


Step 1

Select "AirPlay"

Step 2

Turn on the phone, select the "Wireless LAN" option, the search bar will show the "CAR-WIFI-XXX" and click the link, the password is 66668888



Step 3

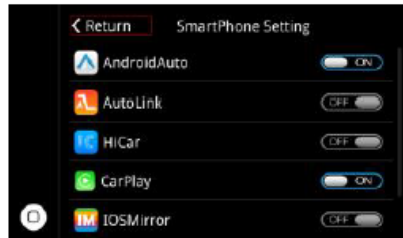
After the WiFi connection is successful, return to the main interface of phone, open the shortcut menu page, select "Screen Mirroring" and turn on

Step 4

After the mobile phone "Screen Mirroring" is turned on, select "AirPlay" to complete the wireless Screen Mirroring

## Wireless Android Auto Connection Method

## Wireless Connection Method:



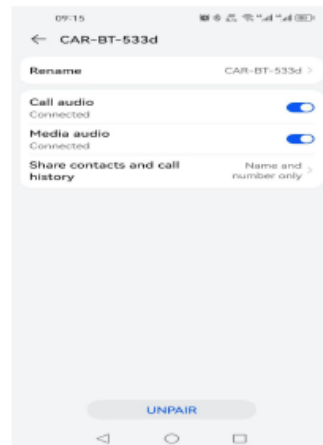
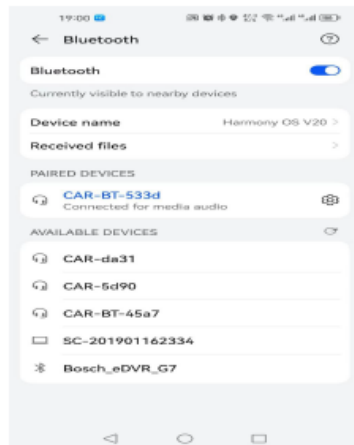
### Step 1

Select the "Bluetooth"



### Step 2

Check the Bluetooth name starting with "CAR-xxx" in the Bluetooth interface



### Step 4

Click the Bluetooth name at the beginning of " CAR-xxx " and click pairing. Turn on the Android auto app on the mobile phone, and the system will connect automatically.

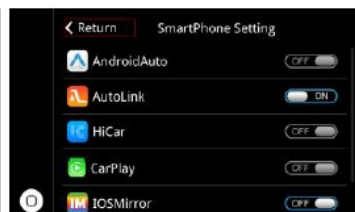
Click on the Bluetooth name beginning with "CAR-xxx". A pairing request will pop up, just click Pairing. After the Bluetooth pairing is successful, follow the Android Auto connect process on screen.

## Android Wireless Screen Mirroring



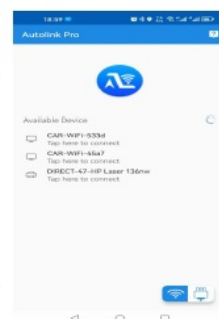
### Step 1

Android phone scan and download the Auto Link by using the Browser



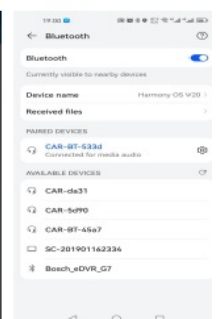
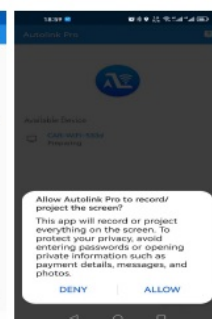
### Step 2

Switch the WIFI Auto Link to "ON" in the Settings page



### Step 3

Open the Auto link software you downloaded, search "CAR-WIFI-XXXX" and connect, then click the "START NOW" on the phone prompt box.

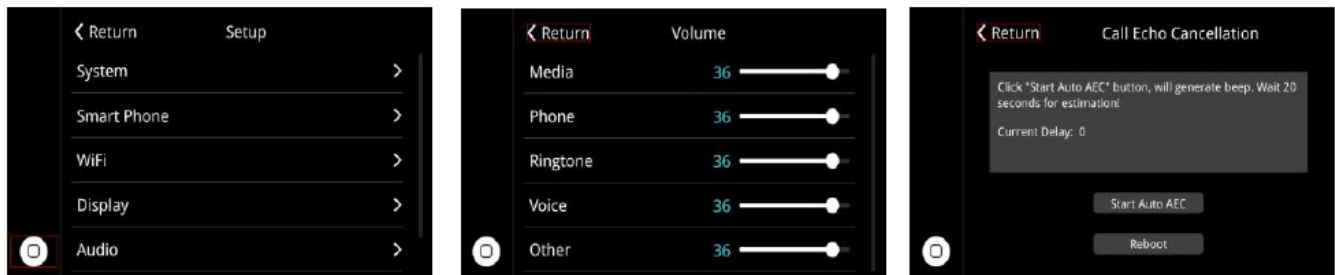


### Step 4

The media sound of AutoLink need to connect with Bluetooth.



## Audio Settings



### Call Echo Cancellation:Steps:

Settings-Audio-AEC Delay, then click the button “Start Auto AEC”.

If there is an echo when on a phone call. Please click this button for echo correction.

When correcting the echo, we must :

1. Keep quiet in the car.
2. Turn the volume to a moderate position, and then click“Start Auto AEC”.
3. Wait 20 seconds for the estimation to be complete.

## Kit Contents

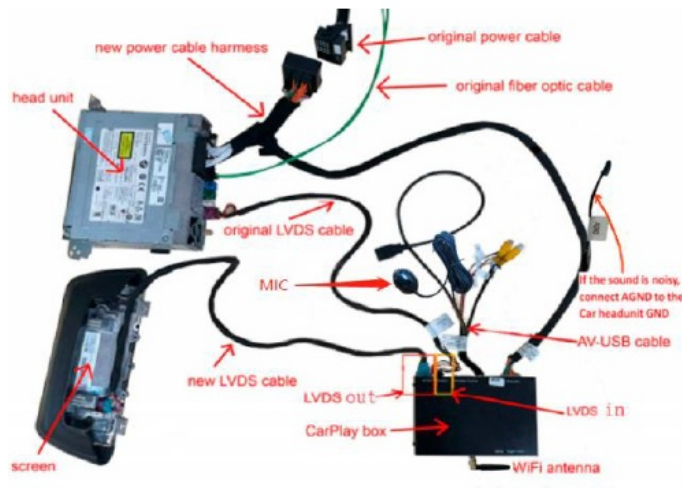
### Cables and accessories



### Cable connection chart

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.



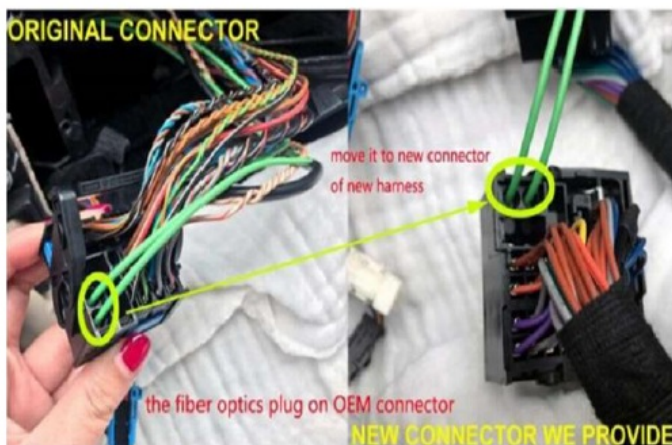
After the cables are all connected, you will be able to switch between the original BMW and the CarPlay interfaces by long pressing the “MENU” button on the iDrive knob.



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

### 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 a fiber optic cable, you will need to move the original fiber optic cable to the new harness.

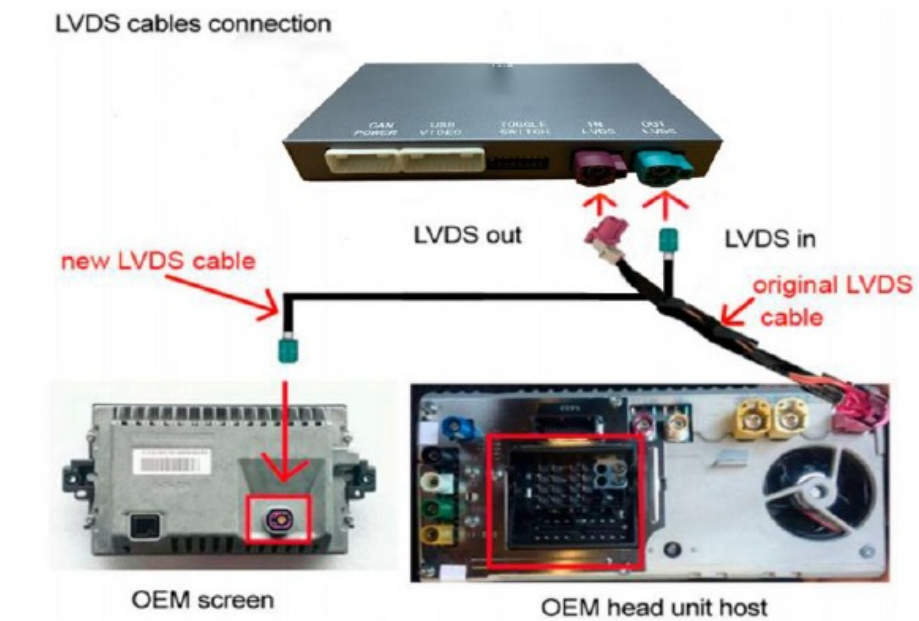


### LVDS cable connection

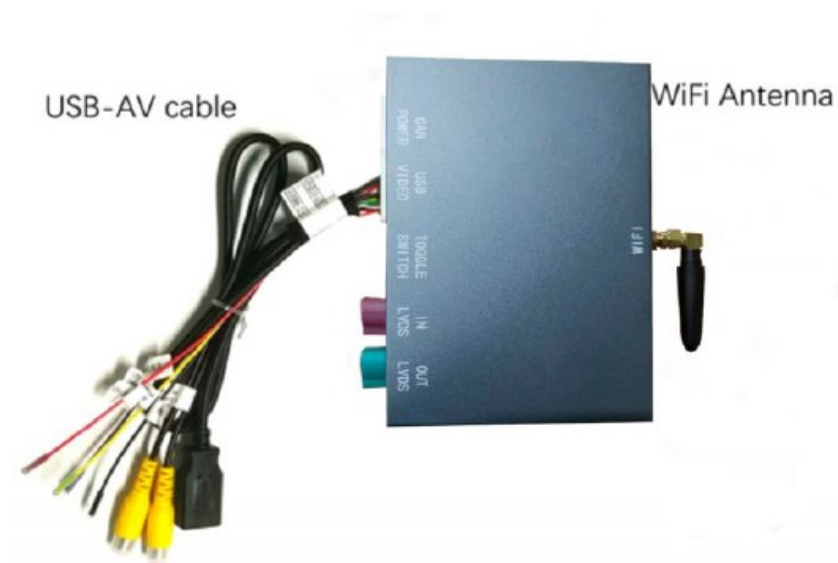
1. The ORIGINAL LVDS cable goes from the HEAD UNIT to the “LVDS IN” of the CarPlay box.
2. The NEW LVDS cable goes to THE SCREEN from the “LVDS OUT” of the CarPlay box.



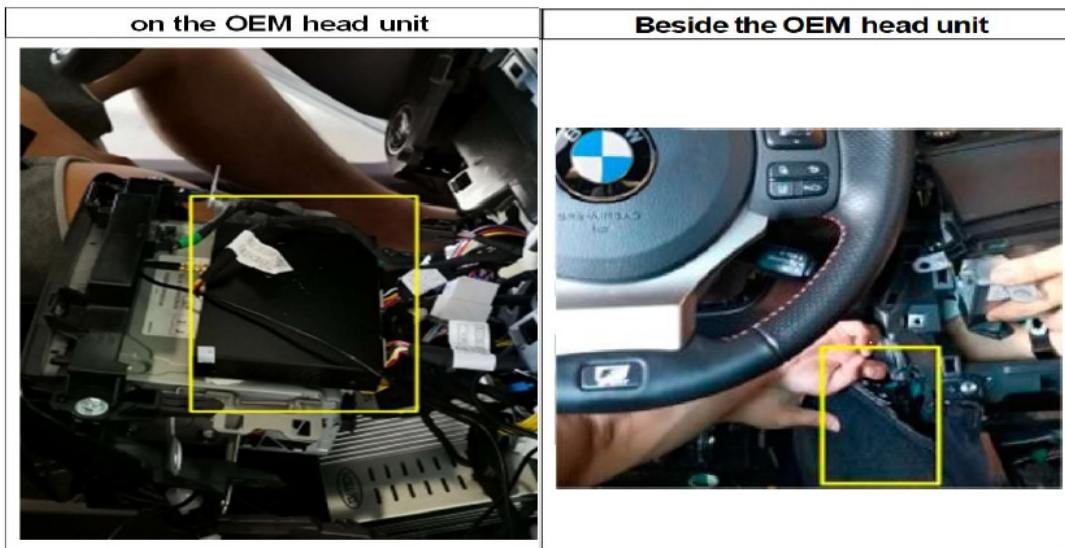
**Note:** Connecting the LVDS cables incorrectly will result in a black screen!



### WiFi antenna and USB-AV cable connection



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



## CarPlay Decoder Sound Setup

### Bluetooth settings

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

### AUX Connections

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



### AUX Settings

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!

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

Click on "AUX front" to activate it.

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



Long-press the "MENU" button from the iDrive knob to enter the CarPlay Decoder main interface.

### Which steering wheel control buttons work?

The CarPlay interface decoder box supports the voice control button, the telephone button, the next song, prev song buttons, and the volume "+" and "-" buttons. The other buttons are not supported.



### Tip:

Before contacting us, please help us 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 setup
6. Pictures about LVDS cable connection
7. The software version ( in the CarPlay decoder menu, enter into the "Settings", choose the "System Version", you will see the software version.)

### Frequently Asked Questions


How can I troubleshoot connectivity issues?

If experiencing connectivity problems, try resetting both devices (car unit and smartphone), ensuring Bluetooth and WIFI are enabled, and following the correct connection methods as outlined in the manual.

Can I use both CarPlay and Android Auto simultaneously?

No, you can only use either CarPlay or Android Auto at a time. Switch between them based on your preference and device compatibility.

## Documents / Resources

	<a href="#">AUTOTOP X3 Wireless Apple CarPlay and Android Auto Mirror Link Functions Decoder [pdf]</a> User Manual X3, X3 Wireless Apple CarPlay and Android Auto Mirror Link Functions Decoder, Wireless Apple CarPlay and Android Auto Mirror Link Functions Decoder, CarPlay and Android Auto Mirror Link Functions Decoder, Android Auto Mirror Link Functions Decoder, Mirror Link Functions Decoder, Functions Decoder
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## References

- [User Manual](#)

■ AUTOTOP

🔍 Android Auto Mirror Link Functions Decoder, AUTOTOP, CarPlay and Android Auto Mirror Link Functions Decoder, Functions Decoder, Mirror Link Functions Decoder, Wireless Apple CarPlay and Android Auto Mirror Link Functions Decoder, X3, X3 Wireless Apple CarPlay and Android Auto Mirror Link Functions Decoder

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