



## CAR SOLUTIONS BMW-EVO Configuration Table-Matching Model System User Manual

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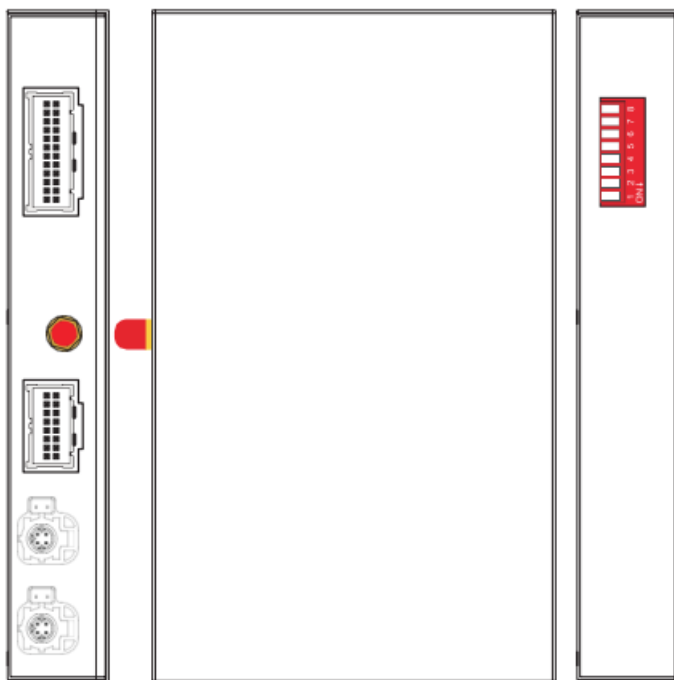
CAR SOLUTIONS BMW-EVO Configuration Table-Matching Model System



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## Specifications



## Specification

Input	USB/CVBS signal input
Input Voltage	12-16V DC
Rated Current	2A
Rated Power	24W
Control	Voice control, i Drive control
Materia	Housing aluminum

## Panel description

<b>CAN Power</b>	For power cable connection, CAN data transmission
<b>Antenna</b>	Wifi antenna connector
<b>USB Camera</b>	USB data transmission, and for reverse/front camera connection
<b>LVDS OUT</b>	Connect with cable labelled 'LVDS-GPBMW1901-NBT'
<b>LVDS IN</b>	Connect with OEM LVDS from the screen
<b>Toggle switch</b>	Refer DIP code setting to set for different screen size
<b>360 IN</b>	Exterior 360 input(VGA signal input)

## Features

- Support wireless/wired Carplay connection
- Support wireless/wired Android auto function (some mobile phones)
- Support wireless Airplay function
- Support wired Autolink function
- Compatible with OEM microphone and external microphone
- Support EQ adjustment ,lossless sound quality
- Support USB to play audio file &video, support firmware upgrade
- Keep the OEM system function, reversing radar and track display

## Accessories

- LVDS cable



- WIFI antenna



- AV/USB cable



- CAN power cable




- MIC adapter cable



- usb to AUX audio cable



**Compatible car model**

BMW-EVO Model configuration table-matching model system distinction diagram					
SERIES	CAR MODEL	MANUFACTURE YEAR	SYSTEM	CAR SCREENSIZE	Toggle Switch
Main car models					<div>OFF</div>  <div>ON</div> <div> <div>1 ↓</div> <div>0 ↑</div> </div>
1series	F20,F21	16-20	EVO(ID5\ID6)	6.5/8.8	
2series	F22	16-20	EVO(ID5\ID6)	6.5/8.8	
3series	F30/F31/F34	17-20	EVO(ID5\ID6)	6.5/8.8/10.25	
4series	F32/F33/F36	16-20	EVO(ID5\ID6)	8.8	
5series	F10/F11/F07	17-20	EVO(ID5\ID6)	8.8/10.25	
6series	F12/F13	17-20	EVO(ID5\ID6)	10.25	
7series	F01/F02	16-20	EVO(ID5\ID6)	10.25	
X3	F25	18-20	EVO(ID5\ID6)	8.8/10.25	
X4	F26	16-19	EVO(ID5\ID6)	10.25	
X5	F15	17-20	EVO(ID5\ID6)	8.8/10.25	
X6	F16	17-20	EVO(ID5\ID6)	8.8/10.25	
MINI	F56	18-20	EVO(MINI)	8.8	
Other car models					<div>6.5 inch: 110000</div> <div>00 8.8/10.25 inch</div> <div>: 11100000</div>
SERIES	MANUFACTURE YEAR		SYSTEM	CAR SCREENSIZE	
M3	16-20		EVO(ID5\ID6)	8.8	
M4	17-19		EVO(ID5\ID6)	10.25	
M5	18-19		EVO(ID5\ID6)	10.25	
X1	18-20		EVO(ID5\ID6)	6.5/8.8	
X2	18-20		EVO(ID5\ID6)	8.8	
new energy 5	18-20		EVO(ID5\ID6)	8.8/10.25	
Z4	17		EVO(ID5\ID6)	8.8	
i3	18-20		EVO(ID5\ID6)	10.25	
i8	18-20		EVO(ID5\ID6)	10.25	

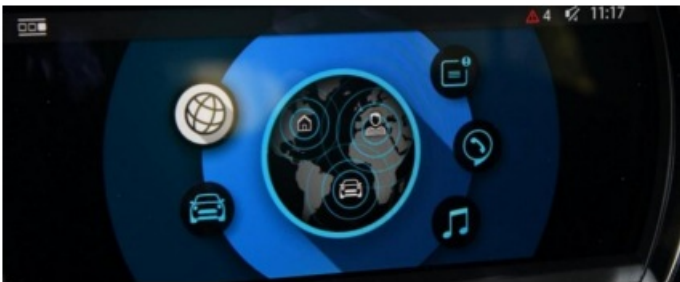
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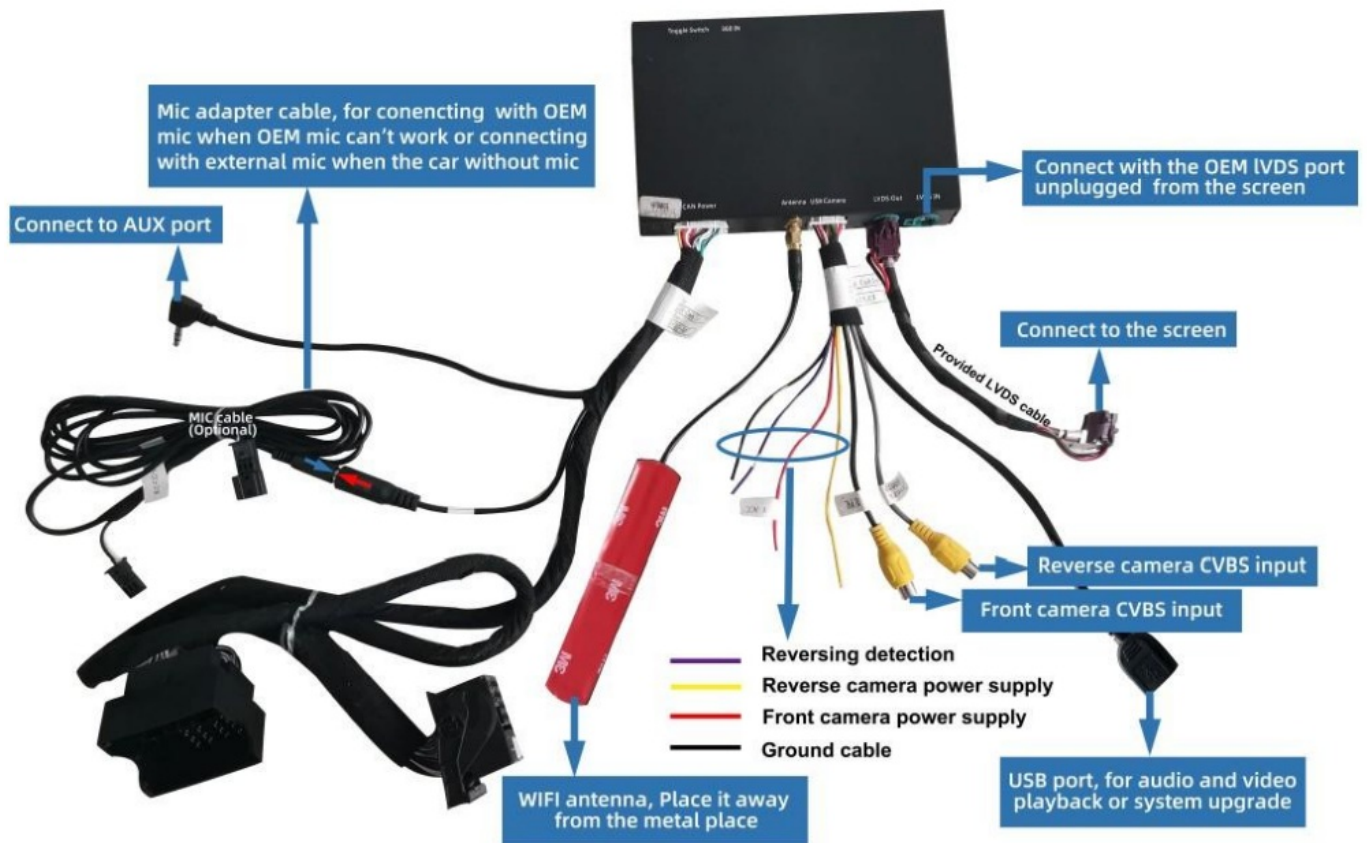
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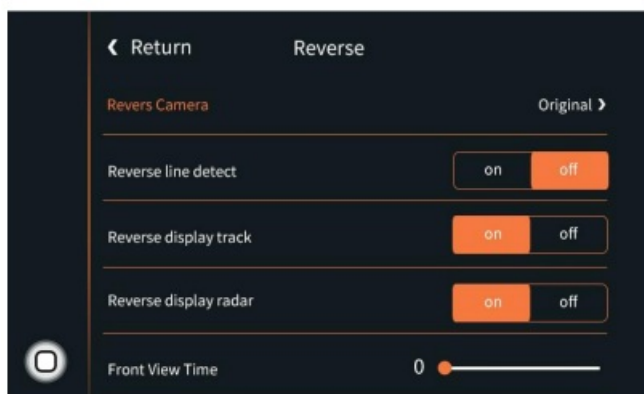
EVO MINI



Connection Diagram



## Reverse camera wiring connection and settings



## Automatic transmission

1. Connect the reverse camera to CVBS OUT labeled 'Reverse camera'
2. Connect the cable labeled '12V reverse camera (yellow)' to camera power
3. Setting → Reverse → Reverse camera → Aftermarket

## Manual transmission





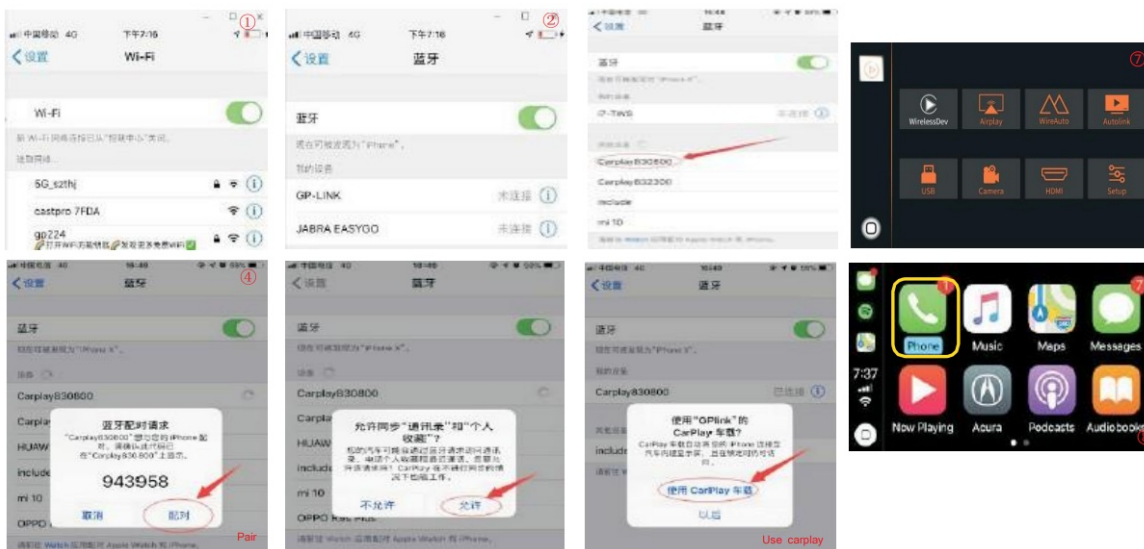
1. Connect the reverse camera to CVBS OUT labeled 'Reverse camera'
2. Setting → Reverse → Reverse camera → Aftermarket



## Wireless carplay connection

1. Turn on WIFI (Fig.1)
2. Turn on Bluetooth (Fig.2), and connect Carplay's bluetooth (Fig.3/4)
3. After the bluetooth connection is completed, the following prompts will pop up, click 'Allow-Use carplay' (Fig.5/6)

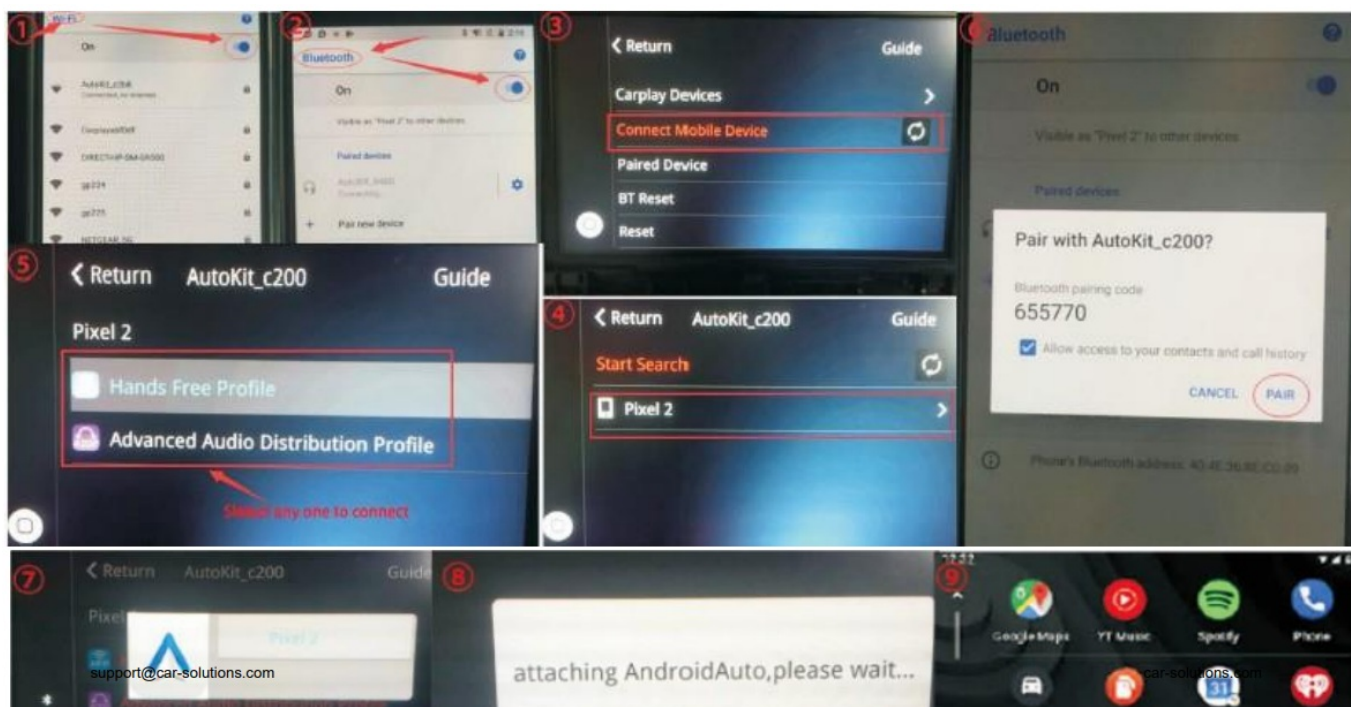




4. After the connection is successful, it will enter Carplay automatically(Fig.7/8)

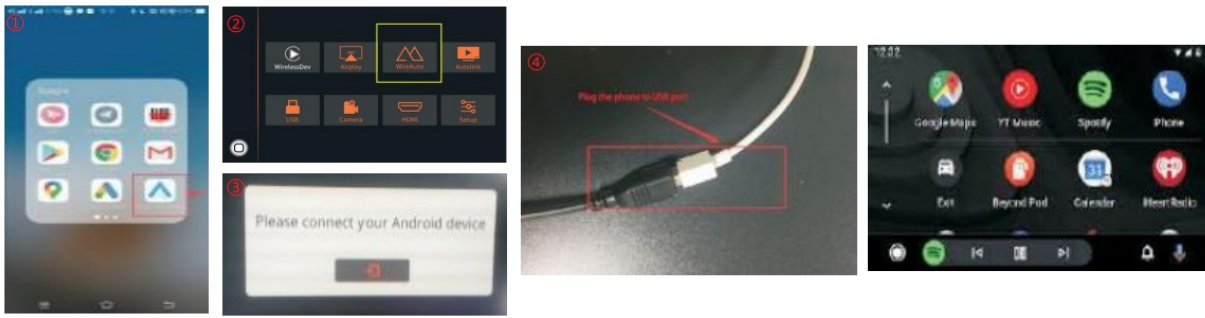
## Wireless Android auto connection

1. Turn on WIFI (Fig.1)
2. Turn on Bluetooth (Fig.2)
3. Search the Android phone's bluetooth on the screen in Carplay system(Fig.3/4/5)
4. Pair the bluetooth with your phone.(Fig.6)
5. After connecting the bluetooth, it will pop up the following prompts(Fig.7/8)
6. Then it will enter Android auto automatically(Fig.9)



## Wired Android auto connection

1. Download Android auto APP on your Android phone(Fig.1).
2. Click 'WireAuto' icon(Fig.2), the prompt 'Please connect your Android device' will pop up(Fig.3).
3. Plug your phone to USB port. then it will enter Android auto automatically(Fig.4).



## Wireless Airplay connection

1. Click 'Airplay' icon first (Fig.1), the pairing information with the phone will be displayed (Fig.2)
2. Search wifi signal of Airplay and connect
3. Turn on Airplay (Fig3/4)

**Note: If you have connected Carplay before, you need to disconnect Carplay first!**

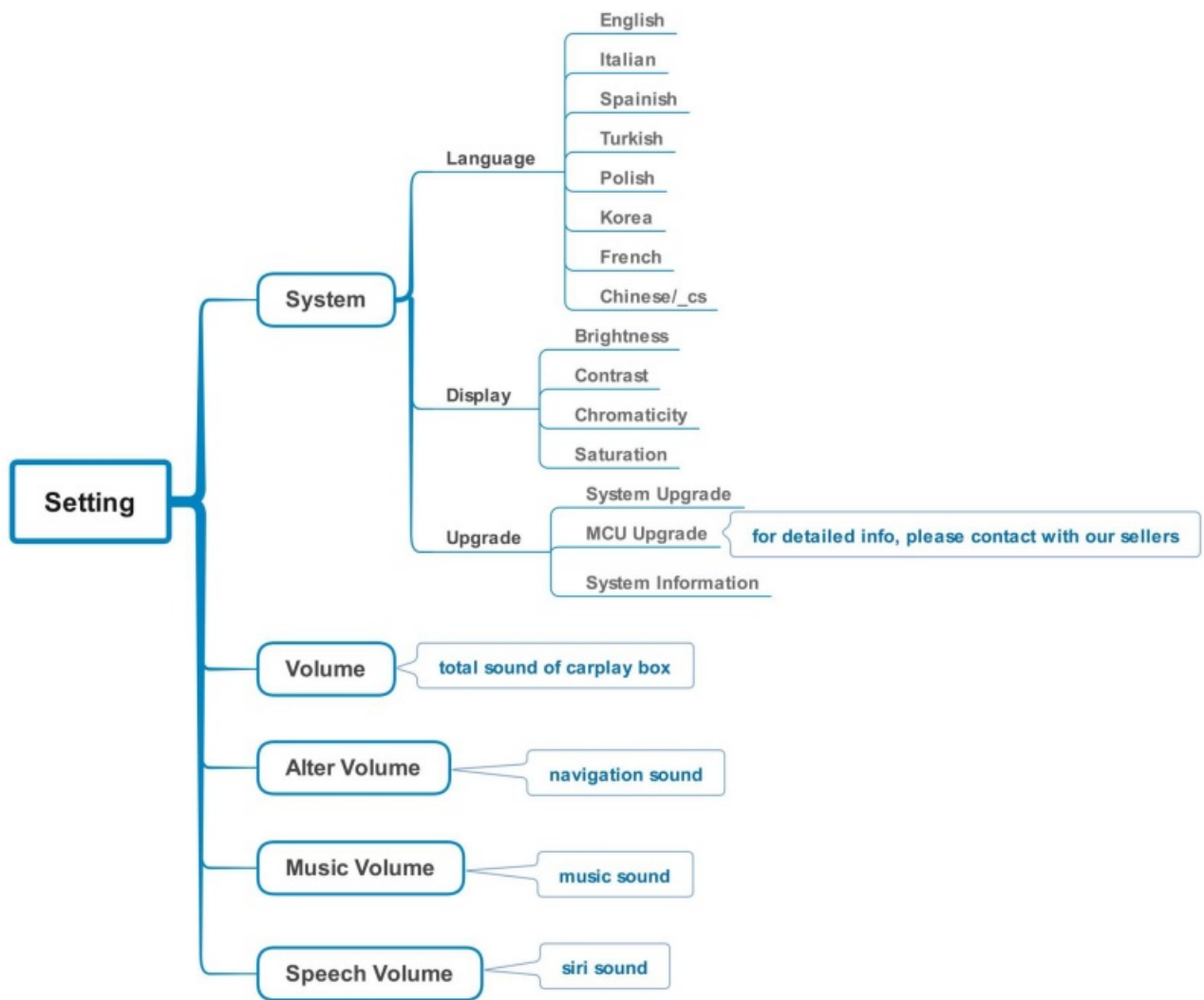


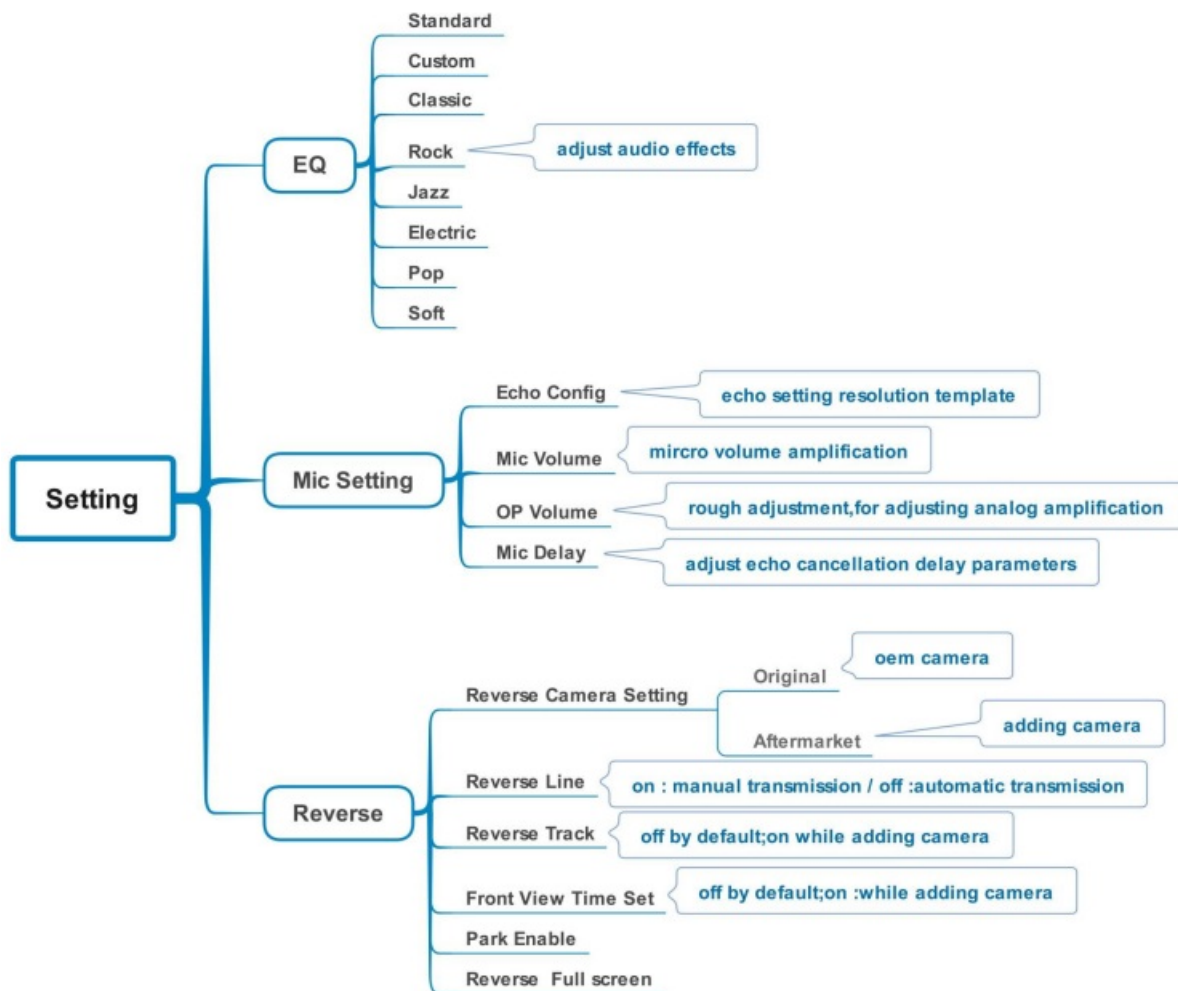
## Wired Autolink connection

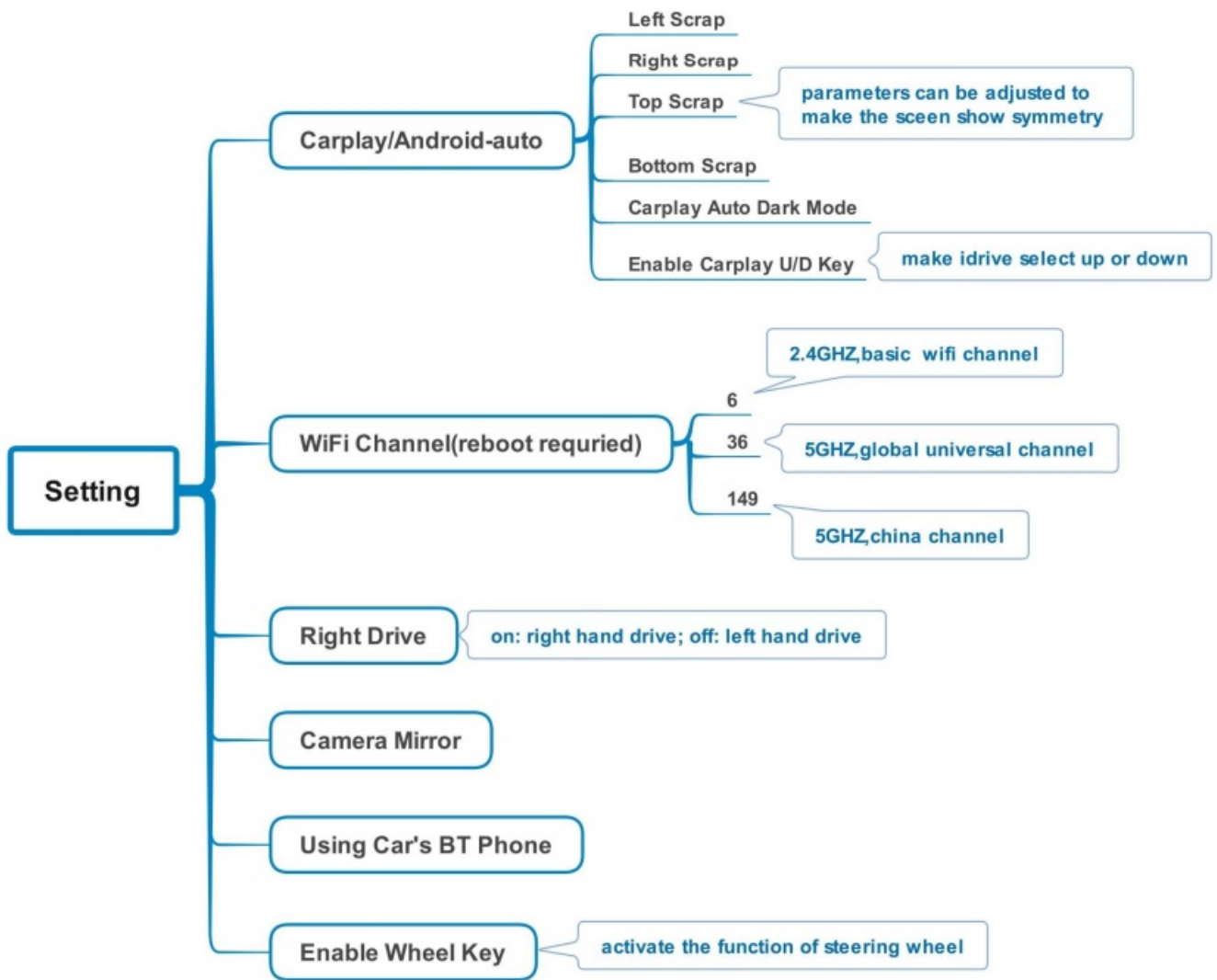
1. Download Android auto APP on your Android phone(Fig.1).
2. Click 'Autolink' icon(Fig.2), the prompt 'Please connect your Android device' will pop up(Fig.3).
3. Plug your phone to USB port(Fig.4). then it will enter Android auto automatically(Fig.5)



## Setting instruction:







## Original buttons
















## BMW i-Drive Button





Steering Wheel Buttons  
[support@car-solutions.com](mailto:support@car-solutions.com)

Button	Function	Operation	Remarks
<b>1 MENU</b>	System switching	Long press the button for 3 seconds	OEM ↔ CarPlay
<b>2 Back</b>	Go back	Press the button short time	Apple Car Play Function 
	Restart	Press the button 5 seconds	Google Android Auto  You can use this function when you get in troubles
<b>3</b>  <b>+Dial</b>	Move the pointer Left or Right	Turn the dial Move Left or Right	Apple Car Play Function 
			Google Android Auto 
 <b>Dial</b>	Move the pointer Up or Down	Move the Dial Long time	Apple Car Play Function 
			Google Android Auto 
	Ok key	Short purses to choose Press the button 5 seconds	17 Apple Car Play Function 

		o activate Siri	Google Android Auto 
	Volume adjustment	Press to increase /decrease the volume	17 Apple Car Play Function 
			Google Android Auto 
	“Siri” ” Google Assistant”	Press the button 3 seconds	Apple Car Play Function 
			Google Android Auto 

## FAQ

**Q: What need to be paid attention to during installation?**

**A:**

1. Make sure that the carplay box is compatible with the installed model, and check whether the label of box matches with the car model.
2. Power off during installation
3. After the installation is complete, it is best to lock the car for a few minutes to turn it on, wait until the running test is normal, then restore the car.

**Q: While switching to carplay, the screen displays no signal ,black screen, abnormal screen or no response?**

**A:**

1. Check whether the wiring is connected according to the wiring diagram
2. If the wiring connection is normal but the display is not normal, check if the pins of the lvds cable ports are bent or not in contact, you need to re-plug it.
3. Check whether the dip switch code is correct, after each change, re-plug the box's can power cable .
4. If the dip switch code and wiring connection are normal after inspection, box still switches to the black screen, contact with the saler for a solution

**Q: I don't have sound when I connect carplay, what can I do?**

**A:**

1. Connect fiber cable
2. Set AUX on OEM system ensure that the Bluetooth signal connection between the mobile phone and the original car is disconnected.
3. If there is no sound after step1/2, connect AUX cable to AUX port of armrest box.

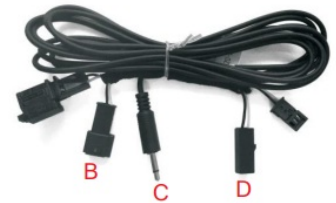




**Q: My car has OEM microphone, but it can't work, what can I do?**

**A:** Please use the following cable to connect to OEM microphone.

1. Connect A to C
2. Unplug blue connectors and place mic tap cable in between the connector with microphone on it and the main wiring harness coming from the roof. (B/D need to be connected)



**Q: I don't have OEM microphone, how to connect external microphone?**

**A:** You can do as following solutions.

1. Connect A with C, B with D.
2. Set pin7 to ON, and restart



**Q: Solutions to not being able to connect with carplay**

**A:** can try to use the solutions below separately or together

1. Click on carplay bluetooth or wifi on the mobile phone
2. At the same time, clear the Bluetooth devices on the mobile phone and the car, and then pair and connect
3. Go to Wireless Dev to reset the Bluetooth, and then pair and (Fig.1)

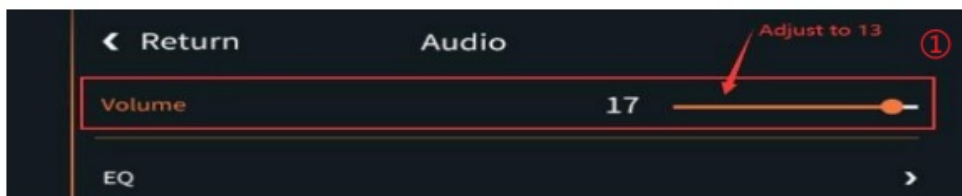


4. Restore the mobile network to the mobile phone
5. Check whether the carplay on the mobile phone is turned on (Fig.2)
6. Siri permissions are all turned on(Fig.3)
7. If necessary, check the antenna (whether it is broken, or attached to the metal, stay away from the box)

**Q:When I call someone, he can hear himself, how to do?**

**A:**

1. Adjust the volume of the original car to normal use
2. Turn the volume in 'audio' setting to 13(Fig.1)

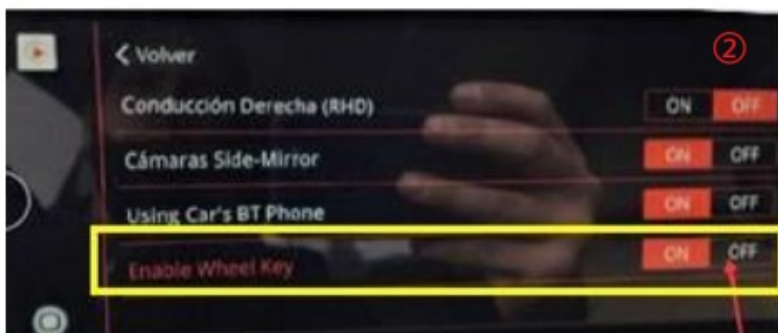


3. Turn the 'Microphone Volume' to 12
4. 'Microphone OP' tune from 0 until no echo is heard
5. Adjust 'AEC quality' to 2
6. If the caller hears the echo interval for a long time, fine-tune the 'Microphone delay'
7. If the caller hears a small voice, you can fine-tune the 'Microphone Volume' and 'Microphone PGA'

**Q:I install the carplay, but the button on steering wheel can't work?**

**A**

1. Set the setting 'Enable wheel key' to ON(Fig.1)
2. Short press the voice button or long press 5s the ok button on idrive knob to activate siri.



**Q:Siri function can not be used**

A:


1. Check whether has turned the siri access permissions on iphone, turn all the options on
2. Turn the function of steering wheel on in carplay switch page setup
3. If can activate the Siri but Siri cant receive the command please check whether the mic works first if no problem with mic, check the Bluetooth of iphone disconnect it from original car Bluetooth.

## Customer Support

[support@car-solutions.com](mailto:support@car-solutions.com)



## Documents / Resources

	<p><a href="#">CAR SOLUTIONS BMW-EVO Configuration Table-Matching Model System</a> [pdf] User Manual</p> <p>F30-F31-F34, F32-F33-F36, F10-F11-F07, F12-F13, F01-F02, Z4, i3, BMW-EVO Configuration Table-Matching Model System, Configuration Table-Matching Model System, Table-Matching Model System, Model System</p>
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