User Manual

CIC carplay v.3.0
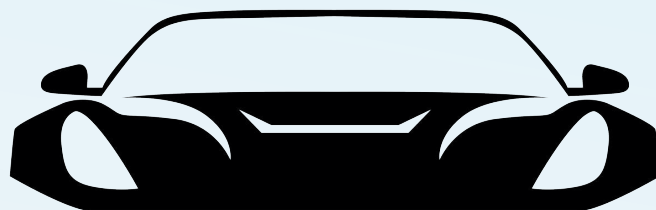
STREAMLINE
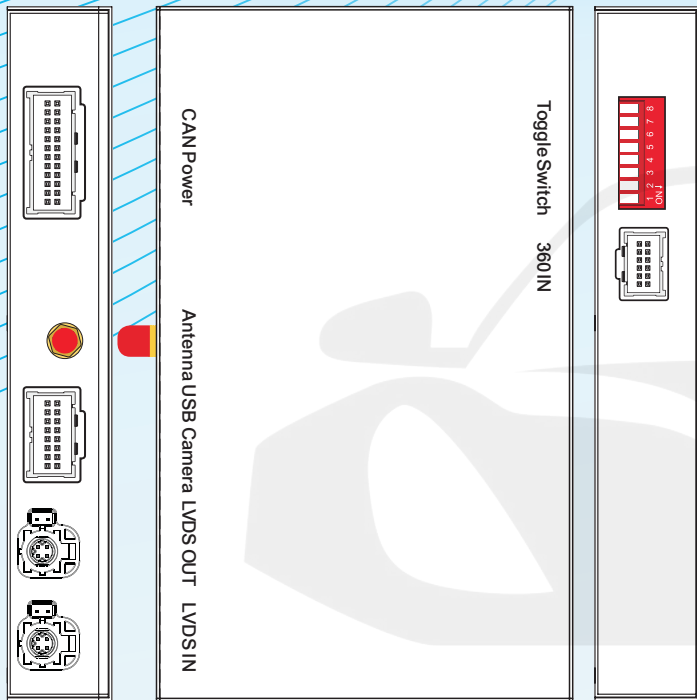C O D I N G

Apple CarPlay

Android Auto

Specifications

Panel description

CAN Power	For power cable connection, CAN data transmission
Antenna	Wifi antenna connector
USB Camera	USB data transmission, and for reverse/front camera conenction
LVDS OUT	Connect with cable labelled 'LVDS-OUT-CIC'
LVDS IN	Connect with cable labelled 'LVDS-CIC-C19'
Toggle switch	Refer DIP code setting to set for different car models
360 IN	Exterior 360 input(VGA signal input)

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

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
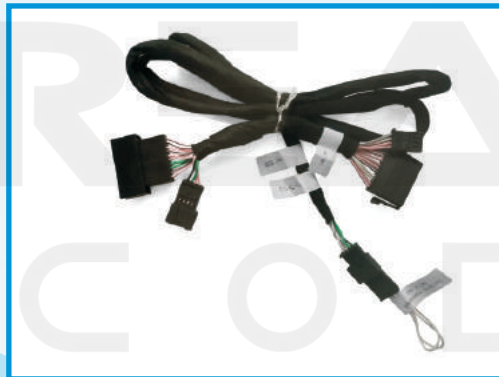
LVDS OUT cable
LVDS-OUT-CIC
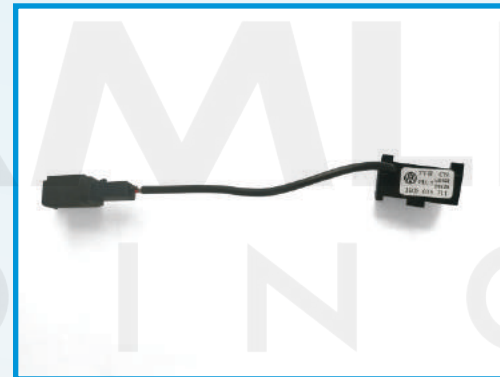
LVDS IN cable
LVDS-CIC-C19

WIFI antenna

AV/USB cable
AV-USB-GP68

CAN Cable
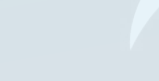**CAN-CIC-C19-V2**

iDrive Cable
CIC-KT-V2

Microphone

MIC adapter cable
MIC-22C-DZ

Compatible car model

BMW-CIC Model configuration table-matching model system distinction diagram

SERIES	CAR MODEL	MANUFACURE YEAR	CAR SCREENSIZE	Toggle Switch
Main car models				
3series	E90/E91/E92/E93	09-12	6.5/8.8/10.25	
5series	E60/E61	08-09	8.8/10.25	
5GT	F10/F11/F07	09-12	8.8/10.25	
6series	F12/F13	09-12	10.25	
7series	F01/F02	09-12	10.25	
X1	E84	09-14	6.5/8.8/10.25	
X3	F25	11-13	8.8/10.25	
X5	E70	09-13	8.8/10.25	
X6	E71/E72	09-13	8.8/10.25	
Z4	E89	09-13	6.5/8.8/10.25	
MINI	R55/R56/R60	08-12	8.8	

Toggle Switch:

OFF

ON ↓

1 2 3 4 5 6 7 8

ON : ↓   OFF : ↑

6.5 inch: 00010000

8.8/10.25 inch: 00110000

Other car models

SERIES	MANUFACURE YEAR	CAR SCREENSIZE
1series	08-12	6.5/8.8
2series	08-12	6.5/8.8
4series	08-12	8.8
M3	08-12	8.8
M4	08-12	10.25
M5	08-12	10.25
X2	08-12	8.8
X4	08-12	8.8

CIC Host system (2008-2013)

主菜单 17:43 音频
CD/多媒体
收音机
电话
导航
地图
Connected Drive
车辆信息
设置

1. BMW CIC Select the box as transparent color
2. BMW CIC no connected to drive and mobile offices

BMW MINI CIC (2008-2012)

Connection Diagram

Wifi antenna, keep it away from metal

6.5 inch: 00010000

8.8/10.25inch: 00110000

Labeled 'LVDS-CIC-OUT', Connect with LVDS unplugged from head unit

Labeled 'LVDS-CIC-C19', Connect to the head unit

External mic, for the car wihout OEM mic

Reversing detection
Reverse camera power supply
Front camera power supply
Ground cable

Connect to the head unit plug

Connect to aux port

Wifi antenna, keep it away from metal

6.5 inch: 00010000
8.8/10.25inch: 00110000

Labeled 'LVDS-OUT-CIC', Connect with LVDS unplugged from head unit

Labeled 'LVDS-CIC-C19', Connect to the head unit

External mic, for the car wihout OEM mic

Reversing detection
Reverse camera power supply
Front camera power supply
Ground cable

B#
A#——C#
D#

Connect to the head unit plug

Idrive adapter cable. Connect with the OEM idrive.
Only one set needs to be connected, depends on the PIN number of the original car knob.

Connect to aux port

Wifi antenna, keep it away from metal

8.8/10.25inch: 11100000

Toggle Switch

HDMI

CAN Power   Antenna   USB Camera   LVDS Out   LVDS In

Labeled 'LVDS-OUT-CIC' , Connect with LVDS unplugged from head unit

Labeled 'LVDS-CIC-C19' , Connect to the head unit

External mic, for the car wihout OEM mic

D#

D#

C#

L#

Reversing detection

Reverse camera power supply

Front camera power supply

Ground cable

Connect to the head unit plug

Connect to aux port

Idrive adapter cable. Connect with the OEM idrive.
Only one set needs to be connected, depends on the PIN number of the original car knob.
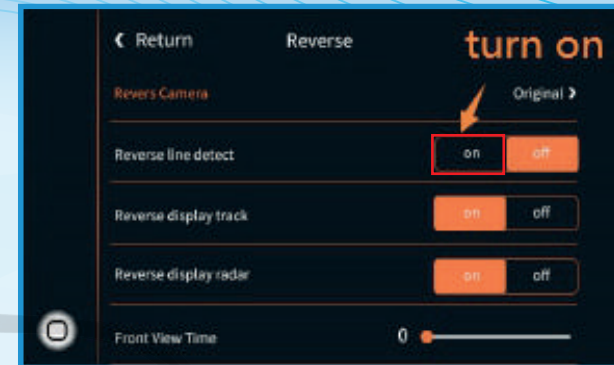
Reverse camera wirng connection and settings

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

‹ Return	Reverse	
Revers Camera		Aftermarket ›
Reverse line detect	on	off
Reverse display track	on	off
Reverse display radar	on	off
Front View Time	0	
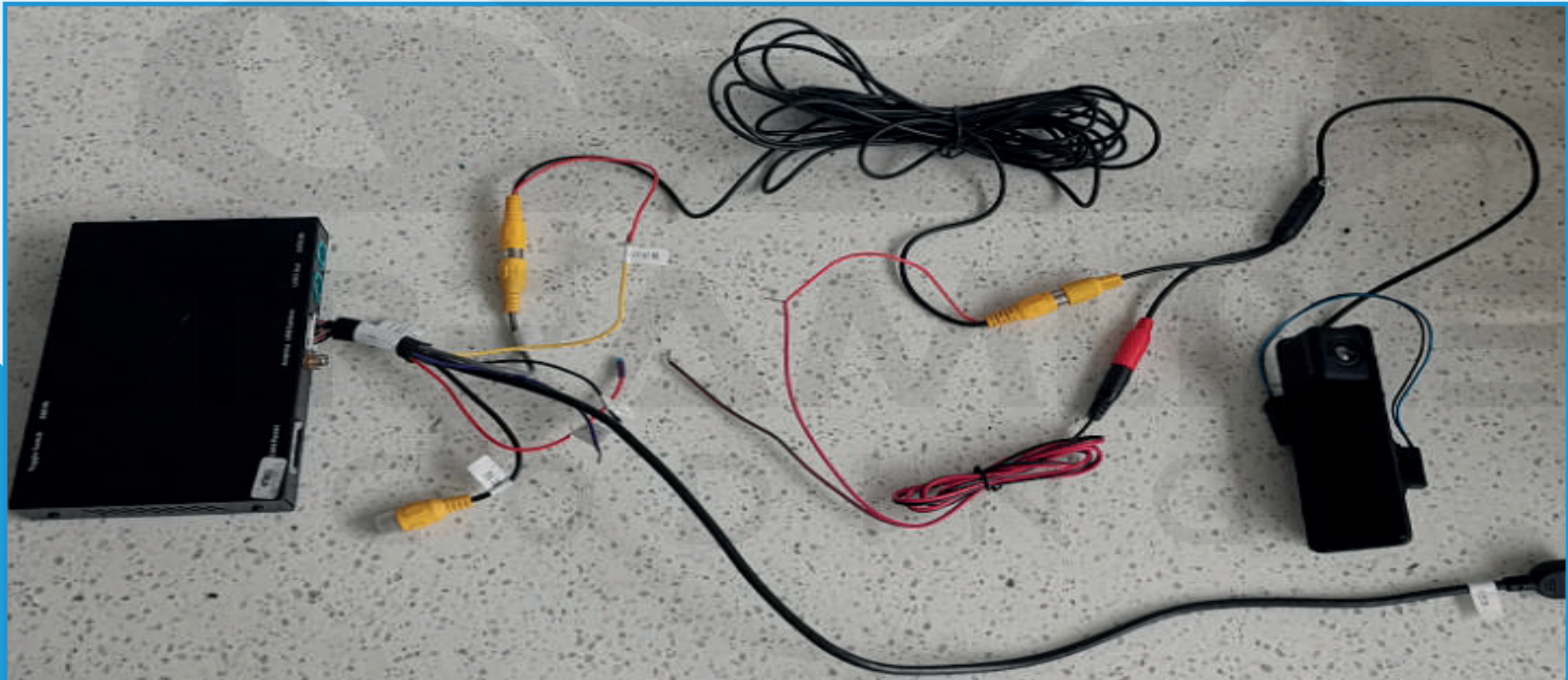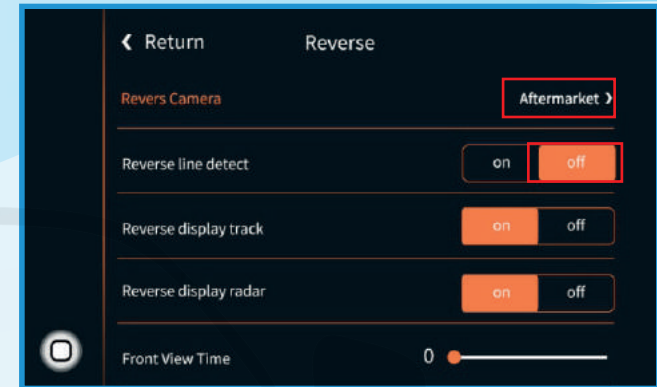
Munal transmission

1. Connect the reverse camera to CVBS OUT labeled 'Reverse camera'

2. Setting → Reverse → Reverse camera → Aftermarket

‹ Return   Reverse   **turn on**

Revers Camera   Original ›

Reverse line detect   on | off

Reverse display track   on | off

Reverse display radar   on | off

Front View Time   0

Connect the cable labeled '12V reverse camera(yellow)' to camera power

Connect the reverse detection cable labelled 'Back(Purple)' to reverse lamp 12V

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)
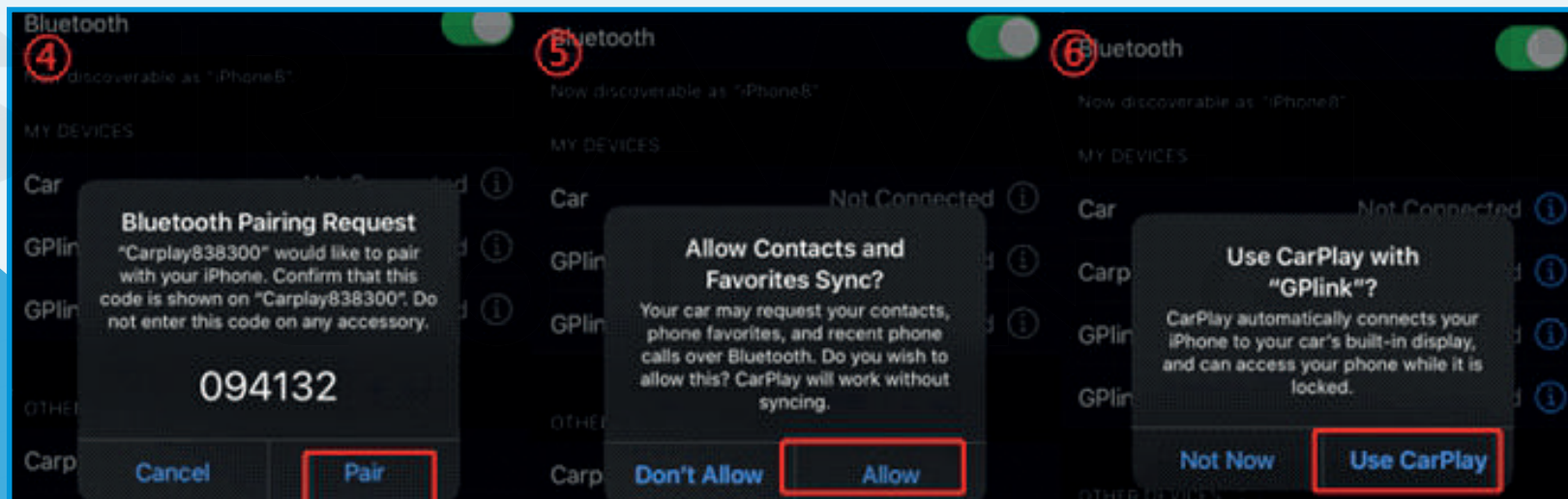
Wireless Android auto connection

1.Turn on WIFI (Fig.1)

2. Turn on Bluetooth (Fig.2)

3. Enter the Wireless Dev APP(Fig.3)

4. Search the bluetooth of phone(Fig. 4 / 5 /6)

6. The pairing request pops up on the phone, select 'pair' (Fig.8/9)

5. Choose any one of the options on the car end to pair(Fig .7)
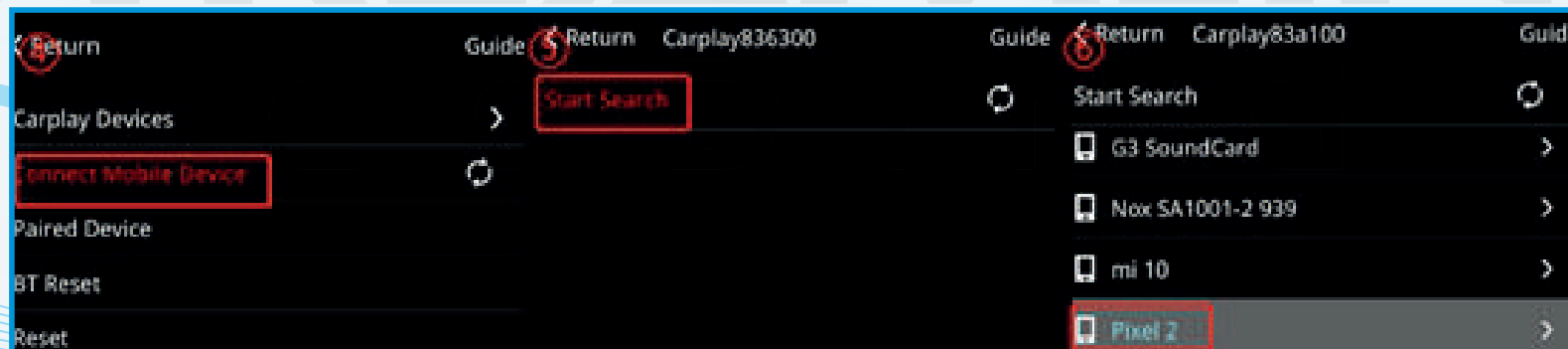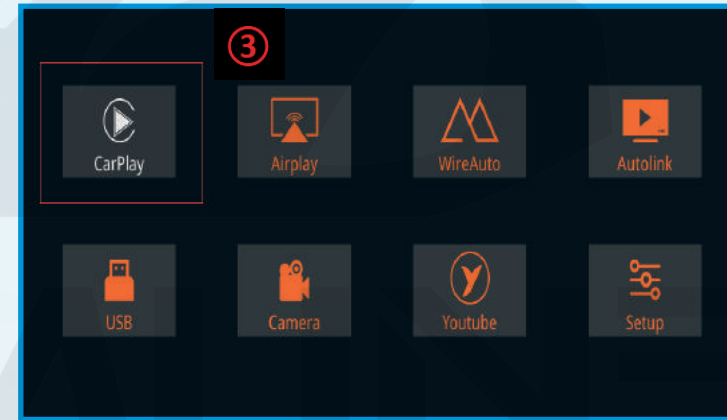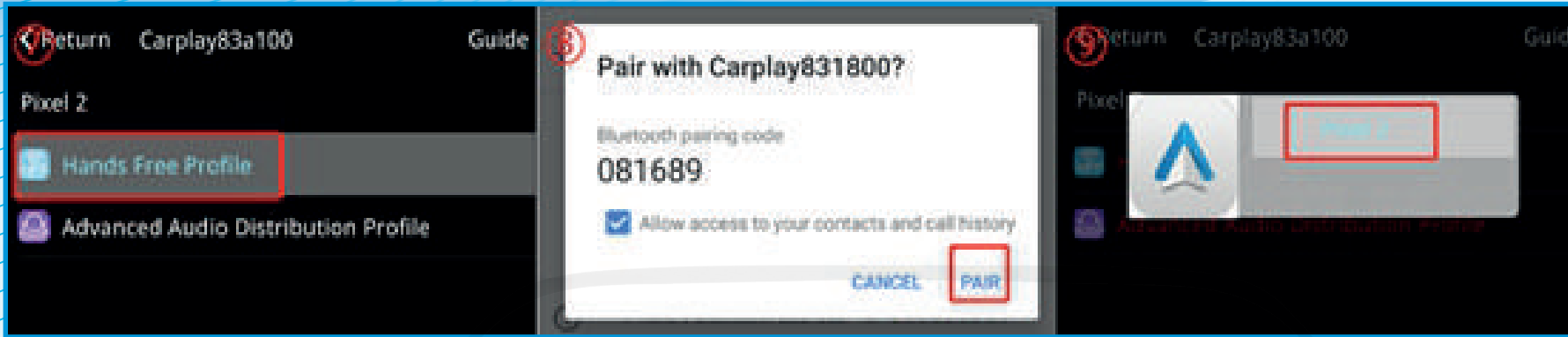
Wired Android auto connection

1. Download Android auto APP on 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).

Plug the phone to USB port
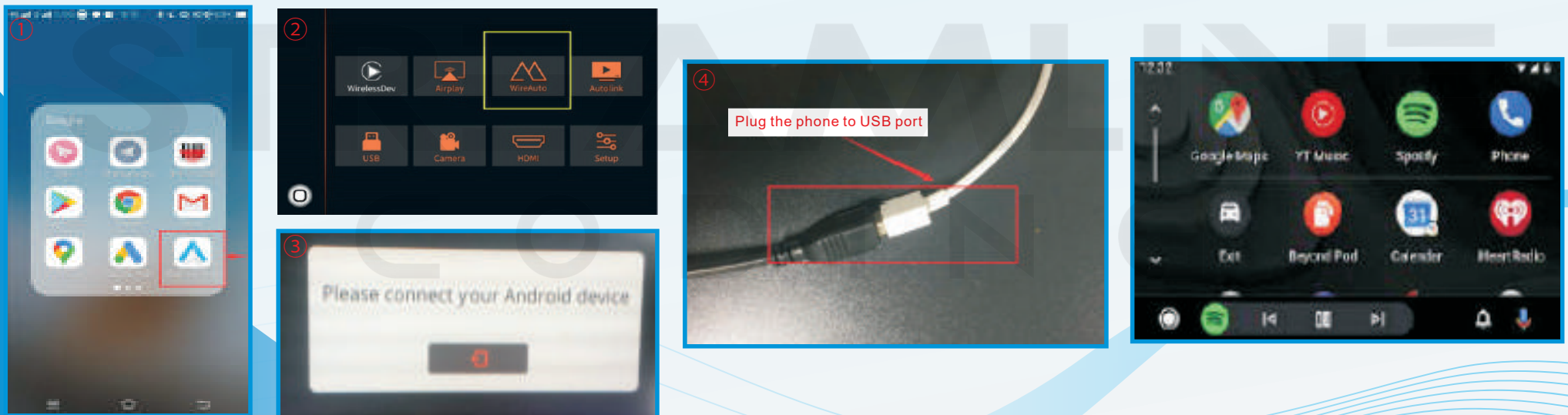
Wireless Airplay connection

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 conenct

3. Turn on Airplay (Fig3/4)

Note: If you have connected Carplay before, please disconnect Carplay wifi first.

Wired Autolink connection

1. Download Android auto APP on your Android phone and tuon on all the prompt permissionsn of this APP (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). it will enter Android auto automatically(Fig.5).
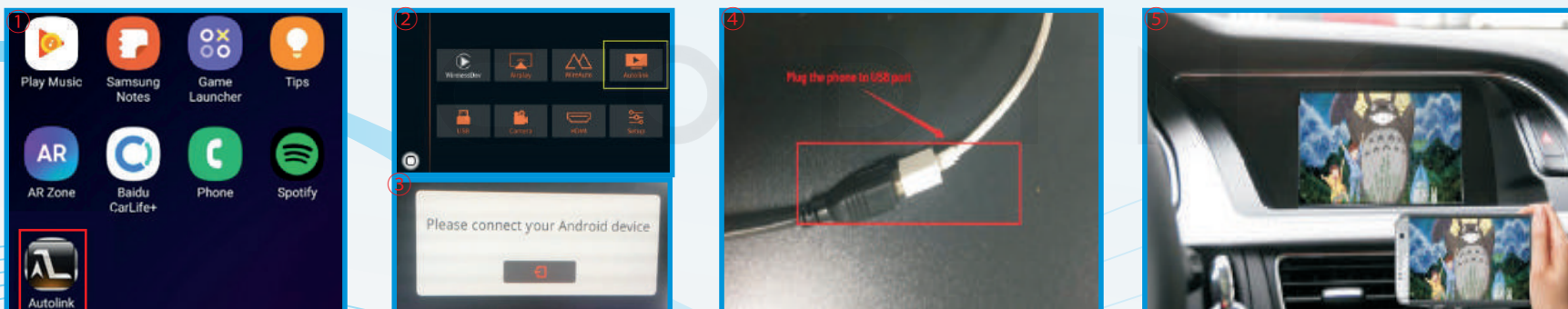
Original buttons

BMW i-Drive Button

Steering Wheel Buttons

Button	Function	Operation	Remarks
1 **MENU**	System switching	Long press the button for 3 seconds	OEM ←——→ CarPlay
2 **Back**	Go back	Press the button short time	Apple Car Play Function
			Google Android Auto
	Restart	Press the button 5 seconds	You can use this function when you get in trouble
3 **Dial**	Move the pointer Left or Right	Turn the dial Move Left or Right	Apple Car Play Function
			Google Android Auto
Dial	Move the pointer Up or Down	Move the Dial Long time	Apple Car Play Function
			Google Android Auto
4	Ok key	Short puress to choose Press the button 5 seconds to activate siri	Apple Car Play Function
			Google Android Auto
5	Volume adjustment	Press to increase/decrease the volume	Apple Car Play Function
			Google Android Auto
6	"Siri" "Google Assistant"	Press the button 3 seconds	Apple Car Play Function
			Google Android Auto

Setting instruction:

```
                                          English
                                          Italian
                                          Spainish
                                          Turkish
                          Language        Polish
                                          Korea
                                          French
            System                        Chinese/_cs
                                          Brightness
                                          Contrast
                          Display         Chromaticity
                                          Saturation
                          System Upgrade
Setting                   Upgrade         MCU Upgrade      for detailed info, please contact with our sellers
                                          System Information

            Volume              total sound of carplay box

            Alter Volume        navigation sound

            Music Volume        music sound

            Speech Volume       siri sound
```

Setting

EQ
- Standard
- Custom
- Classic
- Rock — adjust audio effects
- Jazz
- Electric
- Pop
- Soft

Mic Setting
- Echo Config — echo setting resolution template
- Mic Volume — mircro volume amplification
- OP Volume — rough adjustment,for adjusting analog amplification
- Mic Delay — adjust echo cancellation delay parameters

Reverse
- Reverse Camera Setting
  - Original — oem camera
  - Aftermarket — adding camera
- Reverse Line — on : manual transmission / off :automatic transmission
- Reverse Track — off by default;on while adding camera
- Front View Time Set — off by default;on :while adding camera
- Park Enable
- Reverse Full screen

Setting

Carplay/Android-auto
- Left Scrap
- Right Scrap
- Top Scrap — parameters can be adjusted to make the sceen show symmetry
- Bottom Scrap
- Carplay Auto Dark Mode
- Enable Carplay U/D Key — make idrive select up or down

WiFi Channel(reboot requried)
- 6 — 2.4GHZ,basic wifi channel
- 36 — 5GHZ,global universal channel
- 149 — 5GHZ,china channel

Right Drive — on: right hand drive; off: left hand drive

Camera Mirror

Using Car's BT Phone

Enable Wheel Key — activate the function of steering wheel

FAQ

1.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

2.Q: While switching to carplay, the screen displays no signal,yellow 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
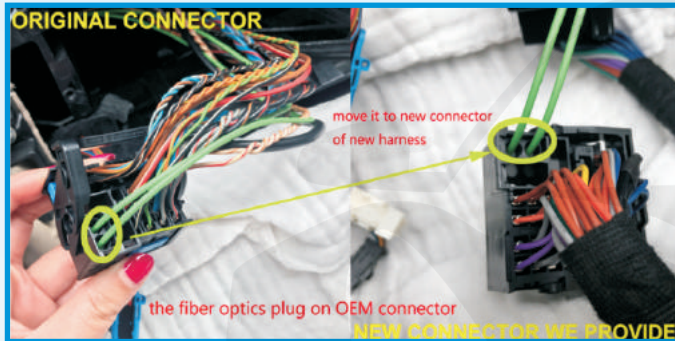

①

Special tips:

(1)The original car's lvds cable should be connected to the lvds out cable labeled"LVDS-OUT- CIC" from out port of the carplay box and the screen port,lvds cable labeled"LVDS-CIC-C19"connected to in port of box.

(2)When connecting lvds cable, you need to align the position of the interface, otherwise a yellow screen will appear(Fig.1)

(3)If you cannot succeed by one of the three methods,try to use other method

(4)If you have checked that the cables are indeed connected correctly, you should consider whether it the lvds cable problem,please contact with the saler

3.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

ORIGINAL CONNECTOR
move it to new connector of new harness
the fiber optics plug on OEM connector
NEW CONNECTOR WE PROVIDE

CD/Multimedia
Radio
BMW Services
Vehicle information
Settings
CD
✓ External devices
Tone
1 2
3 4
Not connected
✓ AUX front
AUX active
Volume

to AUX port

4.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)

OEM MIC

A

B
C
D

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

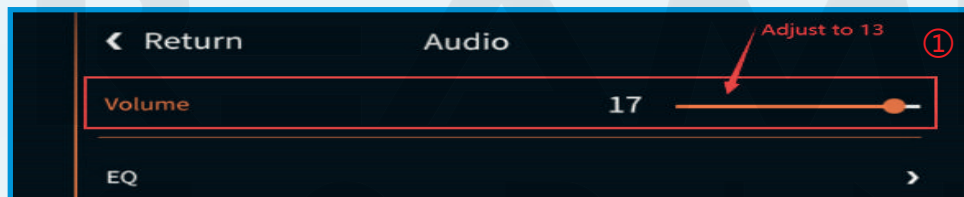A: You can do as following solutions.

1) Connect A with C, B with D.

2) Set pin7 to ON, and restart

A

B

C

D
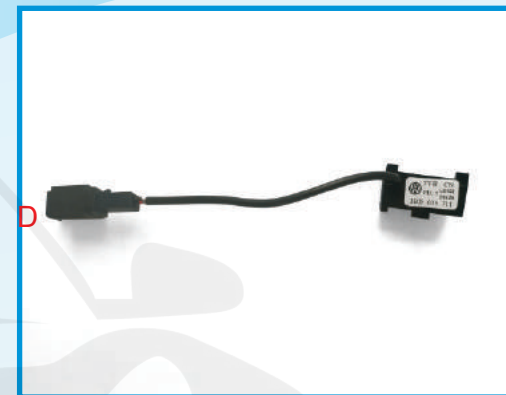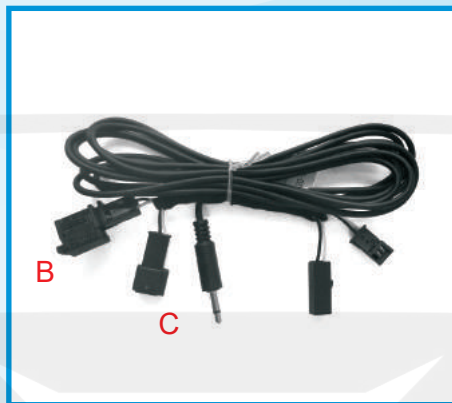
6. Q: When I call someone, he can hear himself, how to do?

A: You can do as following solutions.

1) Connect A with C, B with D.

2) Set pin7 to ON, and restart

❮ Return   Audio   Adjust to 13 ①

Volume   17

EQ

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'

7. **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

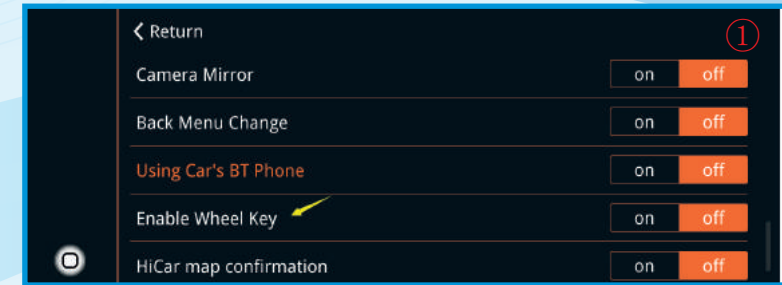3) Go to WirelessDev to reset the Bluetooth, and then pair and (Fig.1)
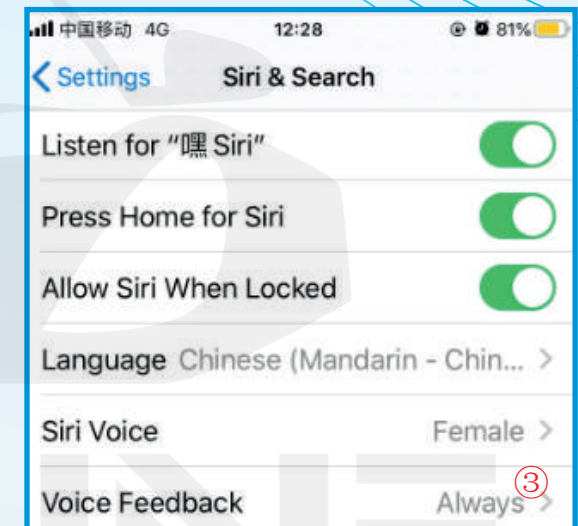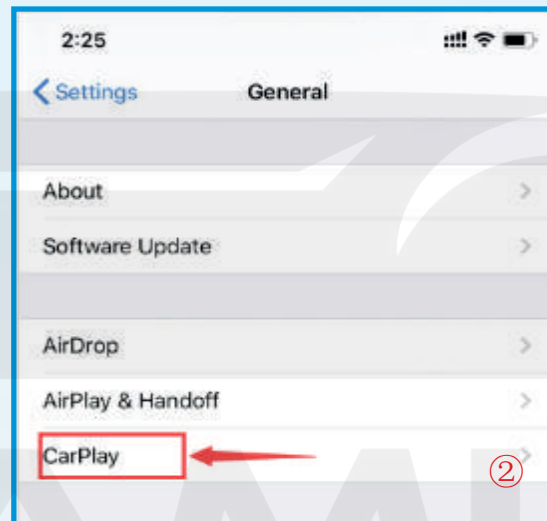
4) Restore the mobile network to the mobile phone

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)

8.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 botton or long prss 5s the ok button on idrive

knob to activate siri

❮ Return		①
Camera Mirror	on	off
Back Menu Change	on	off
Using Car's BT Phone	on	off
Enable Wheel Key	on	off
HiCar map confirmation	on	off

9.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

STREAMLINE
C O D I N G