



Contents [[hide](#)]

- [1 CARABC F20 Built-in Vehicle Machine Interaction System](#)
- [2 CIC Connection diagram](#)
- [3 Function Statement](#)
- [4 Reversing Video Input](#)
- [5 Wireless CarPlay connect method](#)
- [6 Wireless Android Auto connect method](#)
- [7 Car Setting](#)
- [8 Troubleshooting](#)
- [9 FAQ](#)
- [10 Documents / Resources](#)
 - [10.1 References](#)

carabc

CARABC F20 Built-in Vehicle Machine Interaction System



Instructions for using the central control buttons

1. Long-press to cut the systems
2. Rotate the knob to move the cursor; short-press to confirm; Flip left and right to switch between the previous and next songs; long-press to confirm activation of language control. Right dial for 15 seconds

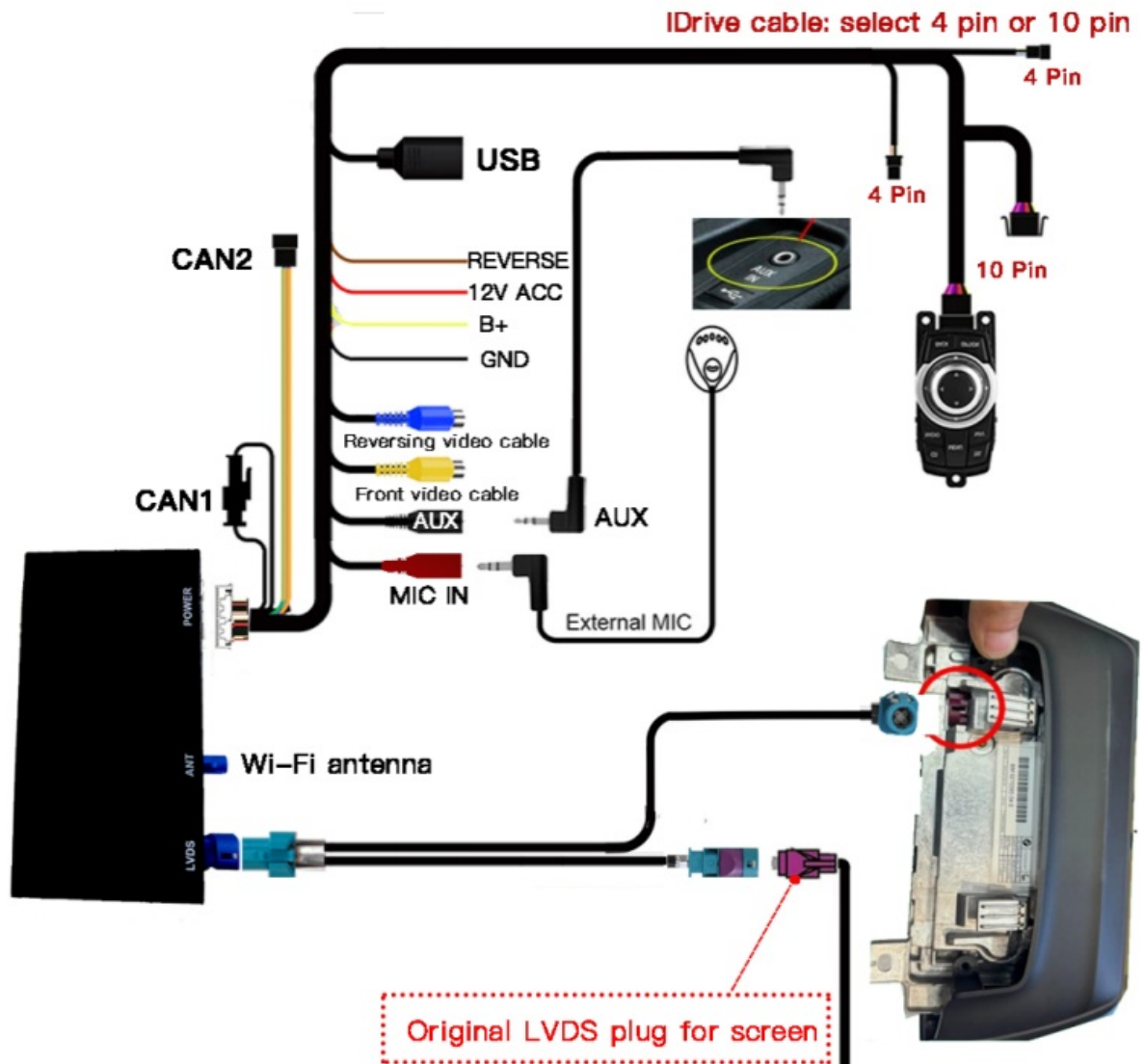


CIC SETTING

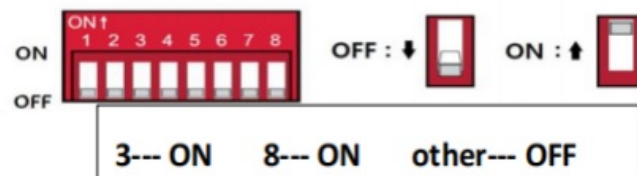
1	2 	3	4	5	6	Car Model
---	-------	---	---	---	---	-----------

OFF	OFF	OFF	OFF	OF, F	OFF	Attach to CAN 1(default t)
OFF	OFF	ON	OFF	OF: F	OFF	Attach to CAN2,(set to this if iDrivejoystick does not work.
ON	OFF	OFF	OFF	OF, F	OFF	Attach to CAN1 other1 (Need to plug Jn the knob adapter cable)
ON	OFF	ON	OFF	OF: F	OFF	Attach to CAN2 other2 (Need to plug in the knob adapter cable)
7	8	Screen Size				
OFF	OFF	800 4 48(), 6,5"				
OFF	ON	1280*480 -1 8.8" 10.25"				
ON	OFF	1280*480 -2 a.a. 10.25"				
ON	ON	1280*480 -3(Prior it y) a.a. 10.25"				

CIC Connection diagram



Instructions for using steering wheel buttons

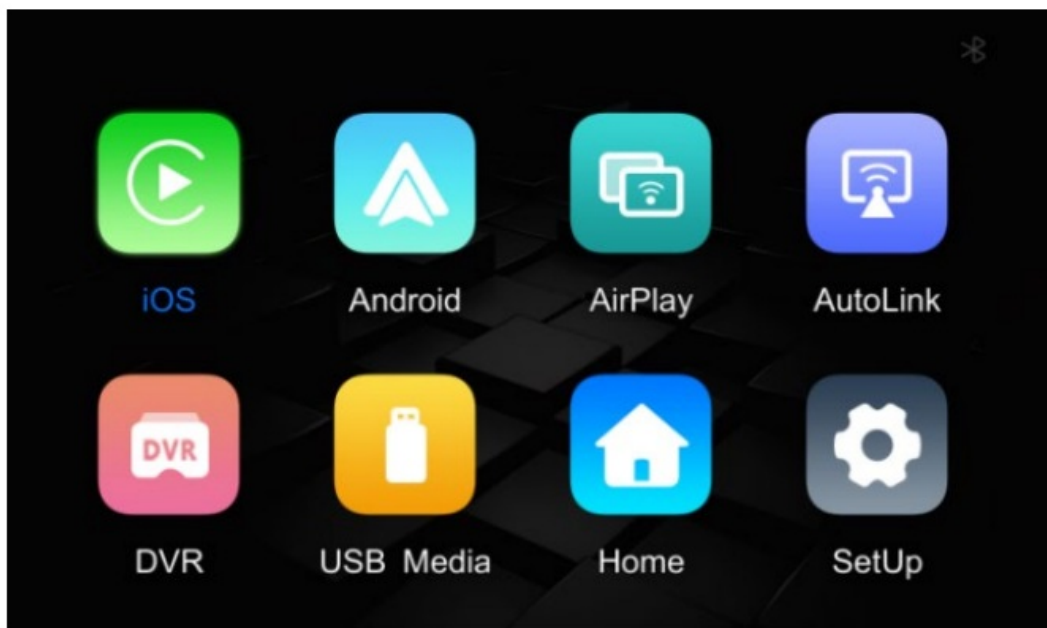


- **2:** Short press to connect, hang up the phone; Long press to activate voice control (without using the original car Bluetooth).
- **4;** short press to increase or decrease the voice
- **5:** Long-press to reduce



Function 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 to CarPlay. The original ecological Android car-machine interaction system developed by Google, voice control of phone, information, navigation, music, built-in voice control system.

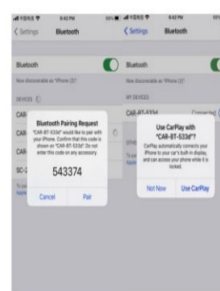
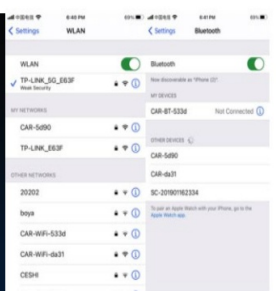
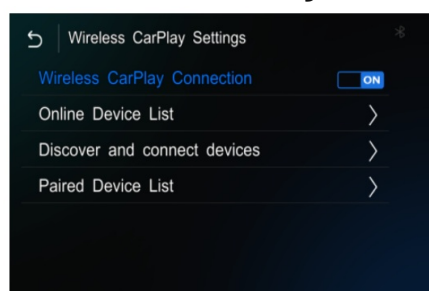


Reversing Video Input

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

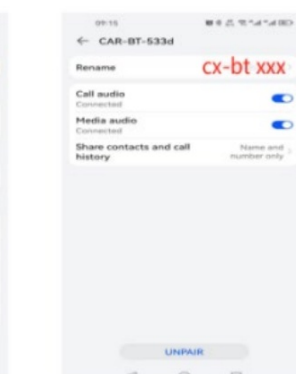
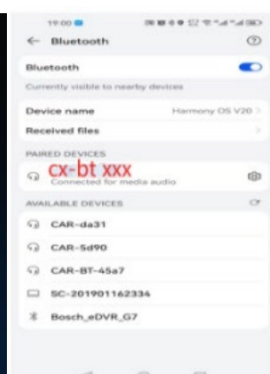
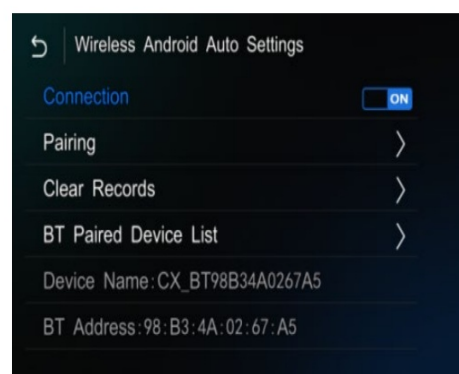
Operating Voltage : 9 - 16 V	Stored temperature: -30~+85℃
Operating temperature: -30~+75℃	Environment humidity : ≤98% (at45℃) 65±5% (rated)
Power consumption : 500MA (rated) , 3A(Max)	Shutdown current : 3 mA (Clock is on)
Quiescent Current : less than 3 mA	
Charging current: ≤2 A, when the USB charging current>1 A, the host should activate the circuit protection function to control the current below 1.5 A, to avoid burning the product.	

Wireless CarPlay connect method



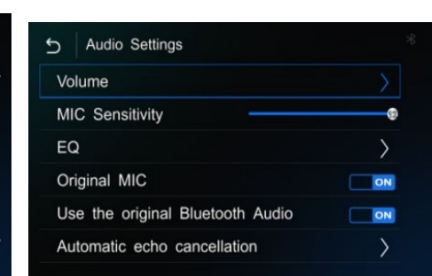
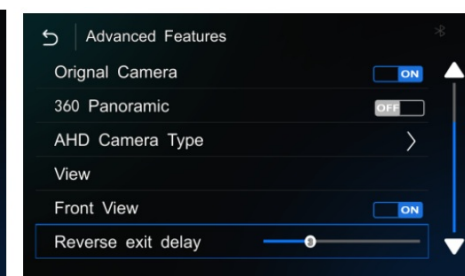
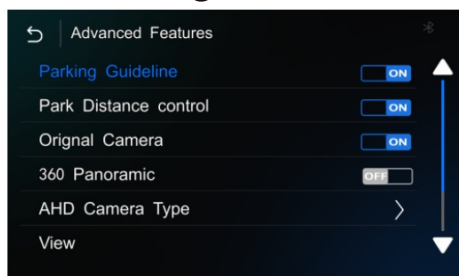
Step1: phone open WIFI, Bluetooth
Step2: click --Discover and connect device
Step3: select Bluetooth devices name as "CX_BT.....", pair CarPlay

Wireless Android Auto connect method

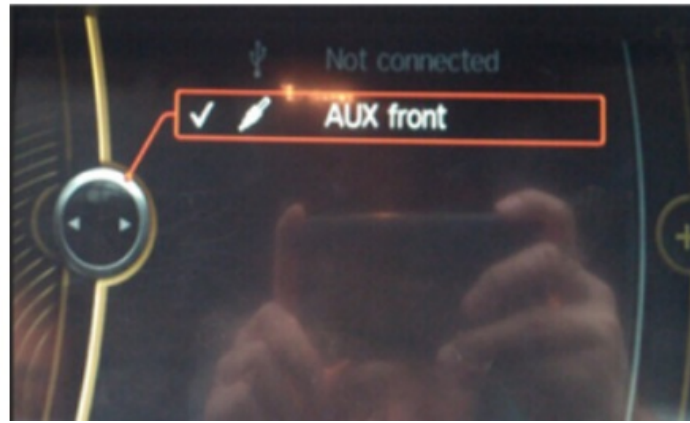


Step1: phone open WIFI, Bluetooth
Step2: click CX-BTXXXX, pair the device

Car Setting



Reverse camera added, original camera turned off



Using AUX audio:

Connect the AUX cable and install a new microphone

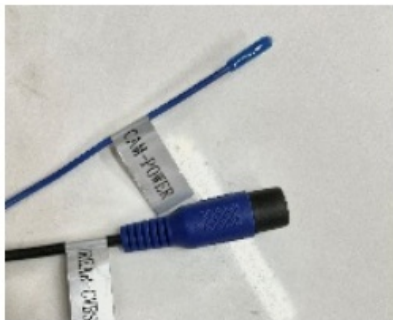
Audio settings (using original car Bluetooth)

Settings – Audio Settings – Use Original Car Bluetooth Audio – ON Connect the mobile phone Bluetooth to the BMW Bluetooth, and select Bluetooth for car audio

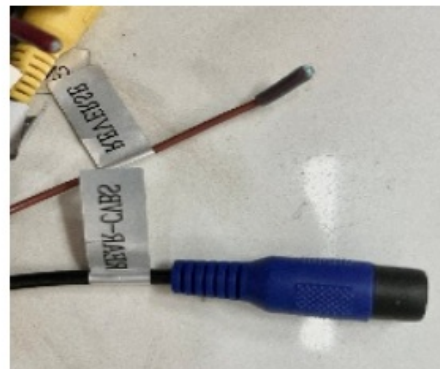
Adding Reversing Camera Wiring

cam-power Connect to camera power rear-CVBS/AHD720P (25FPS/30FPS) Connect to camera input

Automatic transmission



Manual transmission



Troubleshooting

1. If the screen can't show normally, pls check the LVDS cable and the DIP Switch's setting.
2. The problems with the sound,s pls check whether the Multimedia and installation system settings of the original car are right.
3. If the mainframe's pilot lamp is not working, pls check whether the power cable connection and the fuse it is normal.

FAQ

Q: No sound after installation?

A: Connect the original Bluetooth of the car to the multimedia Bluetooth mode for car audio source on your mobile phone.

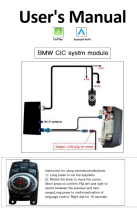
Q: After installation, black screen or no signal displayed?

A: Check the LVDS cable line and ensure the DIP switch is set correctly.

Q: How to connect Wireless Carplay and Android Auto?

A: Simply connect your phone to the device's Bluetooth. The phone's Bluetooth will automatically switch to WiFi transmission after connecting, do not manually input passwords for WiFi connection.

Documents / Resources

	<p>CARABC F20 Built in Vehicle Machine Interaction System [pdf] User Manual</p> <p>F21, F23, F30, F31, F34, F35, F32, F33, F15, F10, F11, F20 Built in Vehicle Machine Interaction System, F20, Built in Vehicle Machine Interaction System, Vehicle Machine Interaction System, Machine Interaction System, Interaction System</p>
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References

- [User Manual](#)

■ CARabc

◆ Built in Vehicle Machine Interaction System, CARabc, F10, F11, F15, F20, F20 Built in Vehicle Machine Interaction System, F21, F23, F30, F31, F32, F33, F34, F35, Interaction System, Machine Interaction System, Vehicle Machine Interaction System

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