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# **User Manual**

## **BMW Carplay Head unit**





Apple CarPlay

Android AUTO

#### **Features**

- Support wireless Carplay connection
- Support USB carplay connection
- . USB Android auto is available to connect with your Android phone
- . Support USB audio and video playback function
- . Keep all original car features, reverse/front view, PDC function, etc
- . Free switch between original car system and Carplay system
- Plug and Play, installation without coding or slicing OEM wires
- . Control by OEM joystick and steering wheel buttons

#### **Compatible radio**

Series	Manufacture year	Car model	
1 sorios	2005-2012	E87/E88/E81/E82 (NO OEM screen)	
i senes	2012-2016	F20/F21	
2 series	2012-2016	F20/F21	
2 corios	2005-2012	E90/E91/E92/E93(NO OEM screen)	
3 series	2013-2017	F30/F31/F34	
4 series	2013-2017	F32/F33/F36	
5 series	2004-2010	E60/E61	

5 series	2011-2016	F10/F11	
6 series	2003-2010	E63/E64	
X1 series	2009-2015	E84	
X3 series	2004-2010	E83(NO OEM screen)	
X5/X6 series	2008-2014	E70/E71	

**Packing list** 



1\* carplay head unit

1\* USB cable

1\* power cable

#### **Wireless Carplay connection**

- 1. Turn on Wifi on the iPhone.(①)
- 2. Turn on Bluetooth on the iPhone, search carplay's Bluetooth.(2)
- 3. Pair the Bluetooth.(③)
- 4. After successful Bluetooth pairing, select 'Allow' and Use 'Carplay' .(④⑤)
- 5. Connected to Carplay successfully, the screen will automatically enter the Carplay interface.

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WLAN		Bluetooth	Bluetooth	Bluetooth	Bluetooth
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		OTHER DEVICES	OTHER		OTHER DEVICES 3
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Antille	🔒 🗢 🚺	Watch app.	Watch a accessory.	Watch e Your car may request your contacts, phone favorites, and recent phone calls over Bluetooth. Do you wish to	CarPlay automatically connects your iPhone to your car's built-in display, and can access your phone while it is
Antille_Guest	ê 후 🚺		961258	allow this?	locked.
ChinaNet-sFUP	a 🗢 i		Cancel Pair	Don't Allow Allow	Not Now Use CarPlay
CMCC-c7Qe	<b>≜ ╤ (j</b> )				

### **Wired Android auto connection**

- 1. Download Android auto APP authorized by google on your phone.
- 2. Connect your phone to the USB port via USB cable.
- 3. Click 'Android auto' icon on your screen.
- 4. Click 'Reconnect', then Android auto will be connected and enter Android auto interface.



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Connected (i)

phone while it is

#### **USB** audio and video function

Audio format support: MP3, WMA Video format support: MP4, AVI, MPG, 3GP,FLV, MOV,MKV 1.Copy the audio or video file to the root of USB flash drive(FAT32). 2. Click 'Music' or 'Video' icon to open the file.

Note: U disk cannot contain folders, or audio and video files will not be recognized.

#### Setting

Original car	1	Mirror mirror
Camera	2	<b>a</b> n video
Backlight	3	Reversing track
	4	<b>O</b> isplay radar







- 1. When the reverse image is reversed, set this setting ON
- 2. Turn on this setting, the video cannot be played while driving
- 3. Turn on or off the reverse track
- 4. Turn on or off the reverse radar
- 5. If use original camera, choose this option
- 6. If use aftermarket camera and connect camera power cable, set this option ON
- 7. If use aftermarket camera and connect reversing detection cable, set this option ON
- 8. Display brightness adjustment
- 9. Volume adjustment

#### **Factory setting**



- 1. Original car host: non-functional
- 2. Amplifier selection: non-functional
- 3. Bluetooth switch: non-functional
- 4. Original car BMW video display: if the car doesn't have original screen, turn this option ON
- 5. CCC Idrive type: when the idrive doesn't work after installing, set this setting, restart takes effect
- 6. DVR: set according to the type of DVR used
- 7. AUX mode: used for situations where the sound will automatically switch to OEM system when playing music on Carplay system
- 8. Phone interconnection: for Chinese users, select 'carlife' function; For foreign users, select 'Android auto' function
- 9. Headlight detection: for Chinese users, select 'carlife' function; For foreign users, select 'Android auto' function
- 10. Interface: non-functional
- 11. Reversing silent: adjust radar volume status
- 12. Siri: turn on or off siri

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- 13. Carplay automatic connection: turn on this option, carplay can be connected automatically next time as long as wifi and bluetooth are ON
- 14. Map definition: select 'BMW Navigation', you can enter original navigation when pressing NAN button
- 15. MFI: non-functional
- 16. Driving mode: if the car is left-hand driving, select 'left'; if the car is right-hand driving, select 'right'
- 17. Set boot logo
- 18. Model selection: choose the screen size that matches the original car, restart takes effect

#### **Operation**



System switching



#### Assessory



- (1) I-drive: Connect to adding iDriver (for E83 and E90 without OEM screen)
- (2) Audio output: Connect with AUX cable
- (3) 360-DET(Brown): Reverse camera power cable
- (4) DVRPOW(Orange): DVR power cable
- (5) DVR-IR(Green): DVR communication control
- (6) CAMPOW(Pink): Reverse camera power cable
- (7) CCD CVBS: Reverse camera video input
- (8) DVR CVBS: Front camera video input
- (9) CAN cable connector, connect with port 13
- (1) USB port: for connecting USB flash drive, mobile phone, etc.
- (1) LVDS port: Connect with the OEM LVDS cable
- 12 USB cable connector
- 13 Port 9 is connected to this port

#### FAQ

1.Q: No sound on carplay system, how can I get sound?

- A: 1) Transfer fiber cable.
  - 2) Set AUX on OEM system.
  - 3) If there is still no sound after step1/2, you need to connect AUX cable to get sound.



- 2.Q: my OEM iDrive can't work on carplay system, what can I do?
- A: Select 'iDrive A/B' (pic.4) in factory setting, the password is 1368. After setting, restart. Then it can work normally.
- 3.Q: The sound will switch to my original FM radio automatically when playing music on carplay, is there a solution? A: Set AUX mode to 'Manual switching' (pic.5) in factory setting(the password is 1368). After setting, restart.



4.Q: How can I connect reverse camera?

5	ŵ	Factory setting				
녫	<	language settings	Sound settings	<b>F</b> Sound settings	ARM setup     Boot logo     Model selecti	CCC Idrive type Drive_A Drive_B DVR OFF SCVBS DVR
	System settings	Factory setting	Version		CVBS USB AUX mode automatic Manual	



A: Refer the following step to connect.



- 5.Q: I can't connect wireless carplay. what can I do?
  - A: 1. Change another phone to try
    - 2. Clear all the bluetooth connection record on the phone, then reconnect
    - 3. Reset the network setting on your phone, then reconnect
    - 4. If the problem persists, please contact the seller

<b>〈</b> General	Reset	
Reset All	Settings	
Erase All	Content and Settings	
Reset Ne	twork Settings	
Reset Ke	yboard Dictionary	
Reset Ho	me Screen Layout	
Reset Lo	cation & Privacy	

#### 6.Q: when original BMW system shows 'NO signal' or stripes?

- A: Enter factory setting(PWD:1368), select the same screen size as the original screen, restart takes effect.
- e.g.: if the original size is 6.5 inch with CCC system, please choose option [2], then restart



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