BMW Multimedia Entertainment System

USER'S MANUAL

Driving pleasure, innovation limit

iDrive Knob

1, Through the iDrive knob, you can freely and quickly select all functions of multimedia entertainment system;

2, Press BACK button for 3 seconds, you can switch to the navigation interface;

3, According to different models, iDrive knob button function may be different, please specify in kind.

Steering Wheel Control

1. Mode key: mode function switch key

2. Rotate roller: select the files in the list, move up and down or turn over the page to view the detail

3. Phone key: answer the phone when calling/ in bluetooth mode, you can also make a call

4. Volume increase: can be used to increase the volume when music or video playing

5. Volume reduction: can be used to deduce the volume when music or video playing

6. Voice function: used for voice input or multimedia switching

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Preface

Thank you for using our Android Multimedia Entertainment System!
The more familiar you are with your vehicle, the better control you will have on the road.
We therefore strongly suggest:
Read this User's Manual before starting off in your car.

1.This product is powered by 12V vehicle power (negative to ground), please do not install it directly on other 24V vehicles, or it will bring damage to the unit.

2.To avoid violation of traffic regulations, do not operate machine or watch the entertainment programs while driving.

3.To ensure your safety drive and make sure the unit works well, we suggest that ask professional auto techs for installing; Do not disassemble or repair the unit by yourself; Any installing issue, please feel free to contact us or your seller. This unit has a lot of precise electronic components, non-professionals are not allowed to disassemble or update it.

4.Do not put this unit in wet environment or water to avoid electric shock ,damage or fire caused by short circuit.

5.The navigation screen has a precise electronic structure, please don't tap the screen by force.

6.The rear view camera is only for assistance, for your safety drive, please notice the rear view mirror and observe the surrounding environment, our company would not be responsible for any losses occurred by using rear view camera.

7.Do not expose the unit directly to the environment of wet, dust, steam, soot, direct sun and so on.

8.Do not use thinners or other chemical cleaners to clean the unit. Soft cloth is preferred to remove dust and dirt.

9.Please keep the unit away from the overheated and cold place. The operating temperature is limited to the range from -20 to 60 centigrade.

10.This manual is for reference only. Subject to our available products! We will continue to develop new features, related update information will be pushed to your unit in proper time.

11.Copyright of this manual is reserved and protected, any photocopy or print should be allowed by permission.

12.We reserve the right to interpret the manual and related information in accordance with the law.

(Note: this manual is very accurate in its preparation. There may be errors and omissions due to printing. Thanks for your understanding!)

Thanks for using our products, we will continue to develop product with new functions, your attention is invited...

⚠ When the installation is complete, please insulat the unused wires to avoid short-circuit .

Catalog

Unable to navigate	Check that the navigation settings path is OK, or reset the navigation path, enter the Settings > navigation path > find the run file with the suffix NAVI.exe > double click this file, exit and re-enter navigation.
Play USB, Bluetooth music, no sound	Whether the system volume is off, the device is connected properly, or the audio format is correct, you can replace the device or audio try.
The original car interface cannot be switched to the entertainment interface	Not continuous operation, switching interval more than 3 seconds, check whether the power line contact bad.
Bluetooth calls are small	Go to settings - Bluetooth settings - increase the Bluetooth volume gain.
The original car interface black screen does not show	Check whether the LVDS line of the original vehicle is connected to the navigation entertainment interface, whether or not the contact is bad.

Troubleshooting

Read the user's manual carefully before using this unit, if you encounter the following faults, please handle them in accordance with the following methods by yourself. If problems not solved, please contact the nearest repair center authorized by us. For the sake of safety, please do not open the unit, which may cause the electric shock!
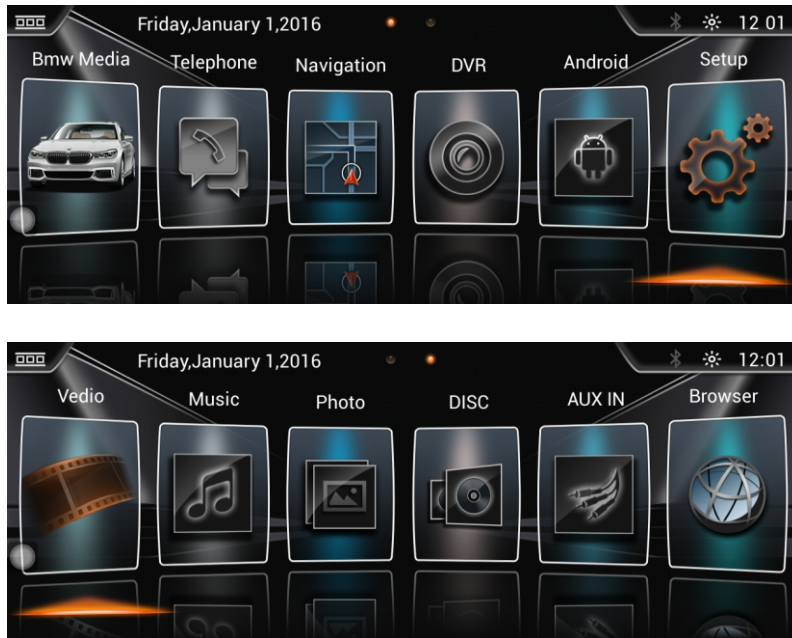
Fault phenomenon	Removal method
No images from reversing	First of all, determine the original reversing or the OEM reversing image. If the problem comes with the original reversing, find the original car setting option would solve. If the problem comes with the OEM reversing, make sure the video and the power plug are plugged
Boot failure	Make sure the main power cable is connected, No CAN communicating will result in boot failure.
No video while driving	Go to settings - Brake - turn off the brake test.
Reversing pictures blurred and interrupted	Make sure the camera ground wire is connected, or camera failure.
Navigation low sound	In the navigation interface, you can adjust the volume , or enter settings - navigation settings - volume gain to enlarge volume.
No satellite signals	When navigating, the satellite map will show "your location". If the dot of upper right corner in display interface turns red , which indicates the satellite signal is weak, you should check if the navigation antenna is connected or the navigation antenna position is correct. To receive a better satellite signal, car should be in the open, shelterless space. Navigation antenna should be balanced to the ground and faced to the sky.

Product Features

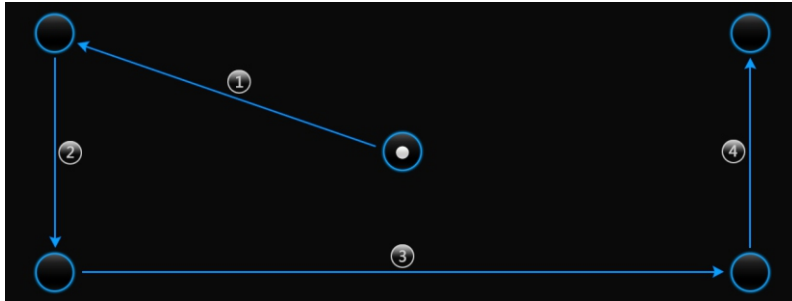| |
|---|
| ■ Android quad core Cortenx A9 operating system |
| ■ Original car style UI design interface |
| ■ Full view IPS screen, smart touch |
| ■ Internet era, WiFi wireless connection, easy access to the Internet |
| ■ Online massive lossless music /1080P ultra clear video playback |
| ■ Support 2.0USB multimedia entertainment, audio and video playback |
| ■ Support reverse video + accurate track + radar display with the screen |
| ■ Support touch type dedicated driving recorder, +360 panoramic video input |
| ■ Support mobile Internet function, small screen, big screen |
| □ Online real-time traffic navigation, so that traffic unimpeded |
| □ 1:1 the original car with high style, retaining the original ecological sound effect |
| □ High speed CAN input and perfect matching original car bus system |
| □ Supports HD VGA video signal input |
| Note: some parameters may be changed according to the development model without notice! |

■ Standard function   □ Matching function

1. After power on, switch on automatically and enter the main interface menu. Slide the screen to see the next page. Common functions include navigation, Bluetooth, telephone, Android and so on;

2. Click on the icon on the main interface, enter the corresponding working mode, click on the [icon], you can switch to the basic function of interface (original car system), such as: Radio, CD player, vehicles and other settings; based on the original function interface inside the car, the original car control panel button or knob to complete this functional operation; touch screen, you can return to the main interface.

3. Click the lower right corner of the [icon], you can turn off the screen, click again, you can re display the screen interface.

4. If there is no corresponding equipment (such as: recorder) or signal source (such as: USB), it will not enter the function interface or enter, there is no document information display.

5. Some functions need to be connected to external equipment before use!

Operating System	Android 4.2.2
CPU	Ac8227 (Quad Core Cortenx A9,1GHz)
RAM	DDR3 1GB
ROM	16GB EMMC5.0
Resolution	1280x480
System language	Multilingual
Bluetooth	Bluetooth hands-free, Bluetooth music, synchronous address book
Image processing	Hardware decoding, OPENGL, ES, 3D acceleration
Pictures format	BMP, JPEG, GIF, PNG
Audio format	Mp3, WMA, APE, FLAC, AAC
Video format	Mp4, AVI, WMV, RMVB, FLV, MKV, MOV, TS
Storage extensions	max up to 64G U disk, 32GB Micro SD , 1TB hard disk 2XUSB, 2 X Micro SD slot,
Function expansion	support audio, video, TV, USB and other inputs and outputs
Mirror link	support Android/iOS system, small screen to big screen
Audio power amplifier	DSP audio processing, EQ free adjustment

Touch correction

1, click on the main interface > Settings > touch correction, enter the touch correction operation interface;

2, when the touch area of the screen is different from the icon position on the interface, you can reset the correction in this interface;

3. Touch the center point of the dot cursor. When the point cursor moves to another position, click the center of the dot cursor again. Repeat the action to complete the touch correction;

4, after the touch correction is completed, the system will automatically remember the correction results, the power will not be lost, you do not have to correct each boot.

Note: do not operate this function when necessary!

Astern view

1, boot automatically enter the LOGO picture state, if there is reversing video signal, automatically switch to reverse video display, the background continues to enter the system.

2, in any state of operation of the system, if there is reversing video signal, automatically switch to the back of the video display, reversing after the return to the original state of the picture.

3, in the system running in the reverse state, there are Bluetooth calls, just hint the call sound, continue to show the reverse video screen.
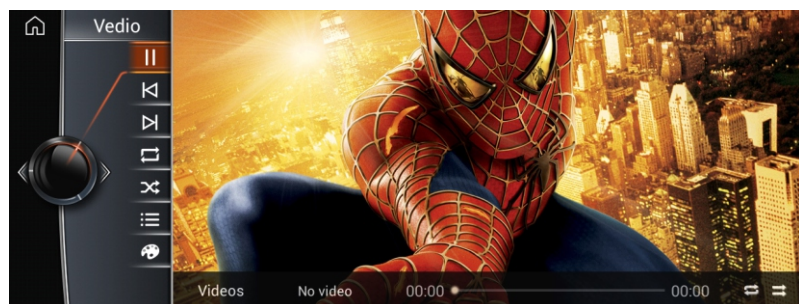
Music

1. Insert USB, click on the main interface > music, enter the music player interface, touch any point on the screen, pop-up control menu.

2. If need to fast forward or rewind playback, can directly click on the mobile playback progress bar to any playing time position.

3. Function icons act as follows:

⌂	Touch off the background and return to the main interface
◁	Touch to turn off the current function and return to the previous interface
⊲⊲	Click this button to play the last song
‖	Click the button for play or pause function
⊳⊳	Click the button to play the next song
⇄	**Playback mode:** single cycle - list cycle - off cycle
⤬	**Play status:** random play open / random play off
☰	Click on the menu list to see

1. Insert USB, click on the main interface > video, enter the video player interface, touch any point on the screen, pop-up control menu.
2. If need to fast forward or rewind playback, can directly click on the mobile playback progress bar to any playing time position.
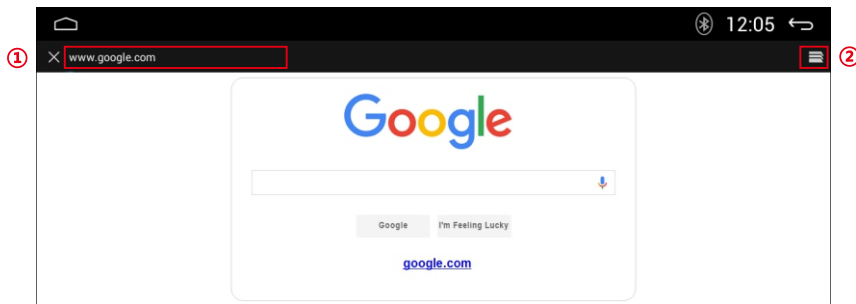3. Function icons act as follows:

⌂	Touch off the background and return to the main interface
◁	Touch to turn off the current function and return to the previous interface
⏮	Click this button to play the last song
⏸	Click the button for play or pause function
⏭	Click the button to play the next song
⇄	**Playback mode:** single cycle - list cycle - off cycle
⤫	**Play status:** random play open / random play off
☰	Click on the menu list to see
◉	Click the pop-up screen settings window, such as:brightness adjustment, contrast adjustment, color saturation and so on

Sound	**Theme**
Sound Effect	Boot screen selection
Volume Gain	**Individuation**
Mute(on/off)	Assistive Touch(on/off)
Navigation	Door alarm(on/off)
Navigation path selection	Driving Position Set
Auto Switch (on/off)	**WiFi**
Navigation Gain	WiFi connection
Backlight	**Restore Defaults**
Backlight brightness control	Restore factory settings
Bluetooth (password: 0000)	**Bluetooth emission**
Auto Switch (on/off)	Bluetooth emission (on/off)
Volume Gain	Auto switch (on/off)
Bluetooth information parameter	music (on/off)
Touch Adjust	Bluetooth Information
Align screen	**Version**
Date and time	Factory settings
24 hour system (on/off)	(password: *78#00009* or 666666)
GPS syc time(on/off)	Host video source
Time Zone Selection	Function settings
Language	Android factory set
Multilanguage	Version information view
Backcar	
Backcar video from original camera (on/off)	**Upgrade**
	MCU version
Backcar track (on/off) Backcar radar (on/off)	CAN version
Brake	Note: version information may be modified as per software update without notice!
Brake detection (on/off)	

1, Click on the main interface >Android> browser, enter the web page view / search / browse interface;

2, Click on the top left corner, you can manually enter the web site for search;

3, Click on the top right corner of the button, you can view all web bookmarks. In the interface, you can click on the ⊠ sign off the excess bookmark page; click on the upper right corner of No. ⊞ can add new bookmark page, click on the upper right corner of the ⊠ symbols can view the collection of web bookmarks, history records.

BMW Media

1, Click on the main interface of the 🚗 icon can be switched to the basic function of interface (original car system), such as: Radio, CD player, vehicles and other settings; based on the original function interface inside the car, the original car control panel button or knob to complete this operation;

2, touch the screen, you can return to the main interface.

1. Insert USB, click on the main interface > picture, enter the picture browsing operation interface.

2. Support multi-point touch, two touch, moving the finger distance, you can zoom in or zoom in the picture function, light and fast.
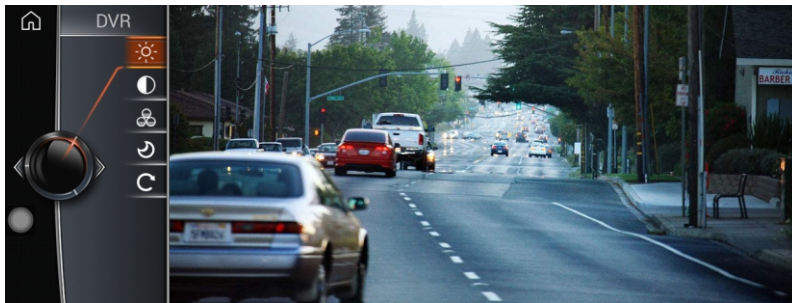
3. Function icons act as follows:

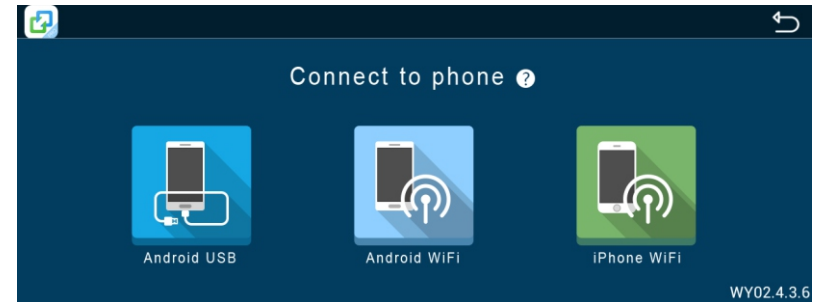|	
⌂	Touch off the background and return to the main interface
◁	Touch to turn off the current function and return to the previous interface
◁◁	Click this button to play the last song
‖	Click the button for play or pause function
▷▷	Click the button to play the next song
☰	Click on the menu list to see

AUX IN

1. AV input function, can be connected to the multimedia broadcast audio / video access system, such as: cameras, games and so on;

2. When an external audio / video input is detected, the external audio / video file is played directly after entering the video input interface.

DVR

1, click on the main interface [icon] Icon, enter the recorder function interface, the music is playing at this timeMay not be maintained;

2, in the recorder operation interface, you can choose video, playback, settings and other functions.

Mirror Link

The Internet is a kind of intelligent mobile phone HD image synchronous transmission function, the function is more humane, that the company used, the operation is simple and convenient, only need to be connected with the intelligent mobile phone navigation host, can be intelligent mobile phone screen operation screen (such as video, music, pictures, games, etc.) to synchronous transmission displayed on the host vehicle, support for high-definition screen display.

Android USB mode
1, use the Android data link to connect the phone to the car;
2, go to mobile Settings > Open developer Options > open USB debugging > connect USB line > USB debugging;
3, part of Android mobile phone opening method: access to the phone, and click on the Android version or the internal version number or version number, click 8 times.

Android WiFi mode
1, Open the WiFi of the navigation host;
2, for the first time to connect mobile phones or mobile phones, you must connect to the USB line after reboot;
3, go to mobile Settings > Open developer Options > open USB debugging > connect USB line > USB debugging;
4, part of Android mobile phone opening method: access to the phone, and click on the Android version or the internal version number or version number, click 8 times.

iPhone WiFi mode
1, advanced into the mobile phone settings, the phone's personal hot spots open, and then the navigation host to connect the hot spot; or to ensure that the mobile phone and the machine in the same WiFi state, connected to the same WiFi signal source;
2, from the mobile phone screen to open the control bar > select AirPlay>, select EC-Mirror-fv> to open the mirror.

Network connections

In the Android application interface, all online applications (such as video, music playback, browser, etc.) need to connect to the network before they can be used properly. There are two ways to connect the network:

1, WiFi connection: click on the main interface >Android>Android set >Wi-Fi> open, the system will automatically search for available WiFi signal surrounding strong signal, click to select the available WiFi signal, input the correct password to connect to the Internet using normal function;

2, Mobile phone: the personal hotspot function mainly refers to the mobile phone network traffic into a similar WiFi signal network sharing out, mobile phone or other vehicle to search the hot spot, enter the correct password to connect using;

1）In the case of iPhone mobile phone: open mobile phone > Settings > > > open personal hotspot password, at this time, the mobile phone personal hotspot has been successfully opened and can be used normally, then refer to the connection method to connect the mobile phone personal hotspot WiFi, can be normal use Android interface within the third party software (such as Play, YouTube store the browser, etc.);

2）Android mobile phone personal hot way to open, you can also refer to the above methods for operation.

Note: according to different mobile phones, the names of individual hot spots are not the same, the specific user's own cell phone name shall prevail!

Bluetooth

1. **Bluetooth** is a standard wireless communication protocol, the transceiver chip device based on transmission distance, low power consumption, which in addition to both Bluetooth headset functionality, and automatic connection feature, automatic connection refers to the built-in Bluetooth and mobile phone will automatically connect to mobile phone and in the standby mode in open system.

2. **Pairing / connection:** if you need to use the Bluetooth hands-free function, please open your cellphone's bluetooth, when the car and cellphone are connected, cellphone will display device name CAR-BT(name maybe change according to different versions of the software); when the cellphone find the built-in car bluetooth and select it, a pairing code is required to accomplish paring. After successful pairing car will display cellphone bluetooth name (the paring code is: 0000).

3. **Dial / hang up:** you can make a call by cellphone , or by digital button on car screen, touch screen and dial the digital number after finish input number, click 🔲 to make a call, click 🔲 to stop calling, or click 🔲 to switch voice to cellphone or car speaker.
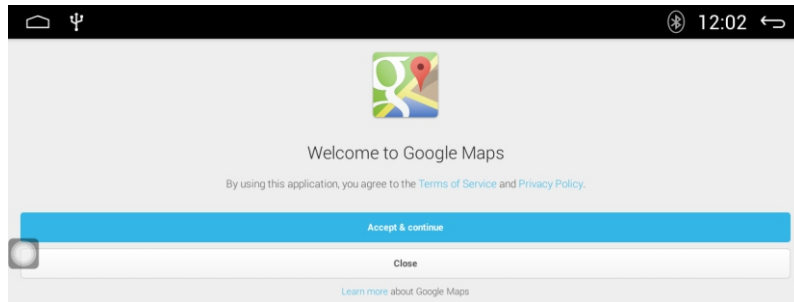
4. **Call interface:** when there is incoming call, the system will automatically switch to the Bluetooth function interface in any case, you can directly answer the phone by this Bluetooth hands-free mode, you can touch 🔲 to hang up call.

5. **Call record:** in the Bluetooth interface click on the call record button, you can enter the call record interface, display all call records, touch the list of any phone calls, you can call the number.

6. **Contact list:** click the 🔲 icon to download the phone number in the phone book address to the car; click the 🔲 icon to search the designated directory contacts; click the 🔲 icon will delete the downloaded phone information.

7. **Bluetooth music:** Bluetooth music function allows you play your cellphone music by bluetooth, and can be output via car speaker (steps maybe various due to brand of cell phone).

1. Click on the main interface [icon] icon, enter the GPS navigation function, the operation interface;

2. When you first insert a navigation map card, please set the navigation path first;

3. Open the settings interface > navigation Settings > navigation path selection;

4. Bbecause navigation software is provided by third parties, different navigation software operation mode is different, detailed operation please refer to the navigation map manual.

Common navigation problems

1. GPS troubleshooting

When the GPS signal or reception is not received, please note the following:

Make sure your device has a sky facing no shelters.

The GPS signal may be affected by the following factors:

1) The weather is bad;

2) Too many shelters (such as high-rise buildings, tunnels, viaducts, trees, cars, explosion-proof membranes, etc.)

3) There are other wireless transmission equipment in the car.
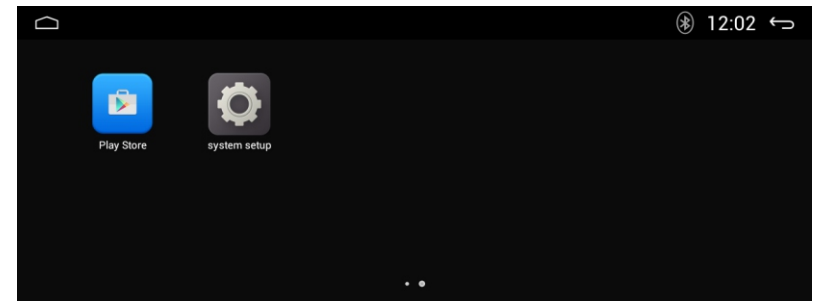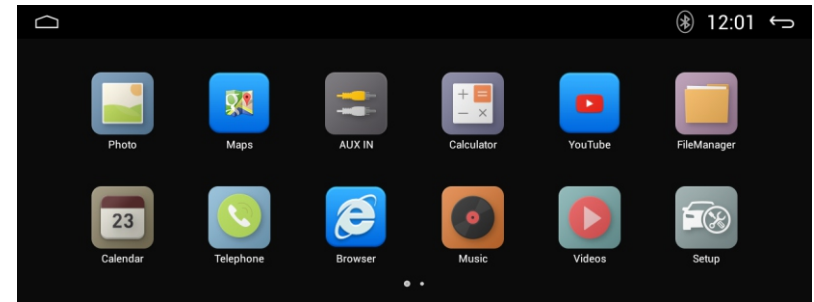
4) Shielding of automobile explosion-proof film.

2. Insert the map card and find that it is not possible to run maps

After you insert the map card, you will not be able to run a map.

Please note the following:

1) Make sure your navigation path is set properly;

2) Make sure that the map card you purchased is genuine map software.

1. Click on the main interface [icon] icon, enter the Android application interface, in addition to downloaded offline applications, other applications need to connect to network use;

2. Android interface, file information can view the built-in memory or external memory, such as music, video, pictures, and computer applications, calendar, and the third party software such as Play, Store, YouTube etc;

3. Web browser: the function needs to be used in the connection network status, after opening the application, enter the URL or name directly, click on the search to open the corresponding connection (such as: Search "Google");

4. Map selection: the system comes with a number of different versions of maps to choose from, you need to connect to network use.

5. System settings: Click to enter the Android system settings interface, system switch or the number of internal application settings, the interface such as WiFi on / off, flight mode, storage space view, application, equipment management, language input, backup and reset, developers on the vehicle platform options, etc..