



User's Manual

Mercedes Benz Multimedia Entertainment System



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 reserves 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 insulate the unused wires to avoid short-circuit .

Catalog

Product features	01	Setup	13
Main interface	02	Touch adjust	14
Entertainment	03	Astern view	14
Music	03	Functional Parameter	15
Video	04	Troubleshooting	16
Gallery	05		
AUX IN	05		
DVR	06		
ECU	06		
Bluetooth	07		
Navigation	08		
Android	09		
Network connections	10		
Mirror link	11		
Browser	12		
More	12		

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

Use the machine before you read the user manual carefully before using this machine, if you encounter the following fault, please handle themselves in accordance with the following method, if not solve the problem, please contact the nearest and repair our authorization. For the sake of safety, please do not open that GEIs machine, may cause the electric shock.

Fault phenomenon	Removal method
Reversing images	First of all, determine whether the original car comes with an inverted image or a retro image. The original car comes with the option inside the system settings. If it is installed, check that the video plug is plugged in and the camera power line is connected or not.
Cannot boot	Check that the main power line is connected, because no connection will result in protocol data not communicating and not power on.
Cannot watch video while driving	Go into settings - Brake - turn off the brake test.
Reversing pictures blurred interference	Check the camera ground wire is connected, or camera failure.
Navigation sounds small	In the navigation interface, you can adjust the volume size, or enter settings - navigation settings - to adjust the volume gain of navigation volume.
Navigation does not receive satellite signals	When it is found in navigation, the map satellite displays the current location. If the display interface of the upper right corner of the red dot, the satellite signal is weak, should re check the navigation antenna are not connected, the navigation antenna position is correct, the car should be in the open, open space, navigation antenna with the ground balance, and directly face to the sky, to receive signals.

Product features



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

■ Standard function □ Matching function

Supports HD VGA video signal input

Main interface

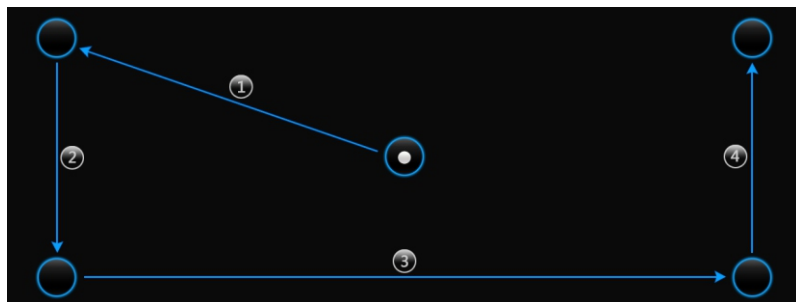


1. After power on, switch on automatically and enter the main interface menu. Slide the screen to see the next page. Common functions include navigation, Bluetooth, telephone, Android and so on;
2. Click on the icon on the main interface, enter the corresponding working mode, click on the  icon, you 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!

Functional parameter

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 adjust

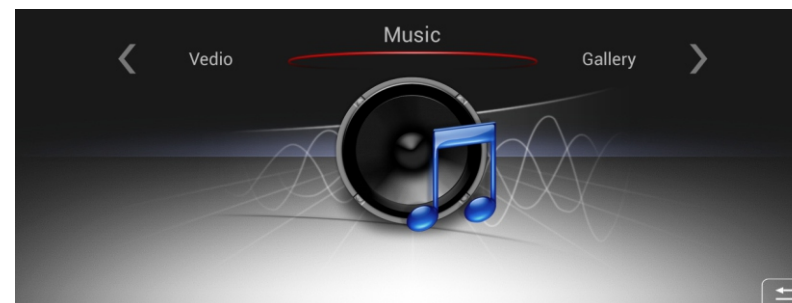



- 1, Click on the main interface > Setup > touch adjust;
- 2, When the touch area of screen is different from the icon position on the interface, you can align screen in this interface;
- 3, Touch the center point of the dot cursor. When the point cursor moves to another position, click the center of the dot cursor again. Repeat the action to complete the align screen;
- 4, After the align screen is completed, the system will automatically save the result even power off, you do not have to align again next time;
Note: do not operate this function if Not Necessary!

Astern view

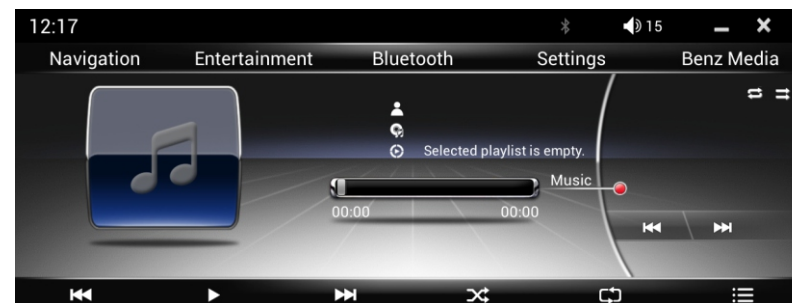
- 1, System automatically load the LOGO screen when boot, if reversing video founded, system will automatically switch to the video and background continues to enter the system.
- 2, In any state of operation, if reversing video founded, system will automatically switch to the video. After reversing, system will return to the former screen.
- 3, When operating the reversing, bluetooth call coming, system will hint the call sound and the reversing video remains.

Entertainment











1. Click on the main interface  icon to enter the multimedia function interface;
2. The interface can choose to enter music, video, pictures, AV input function operation.

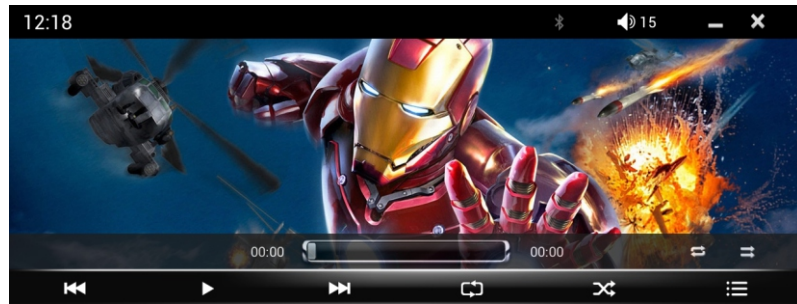
Music



1. Insert USB, click on the main interface > media > 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

Vedio



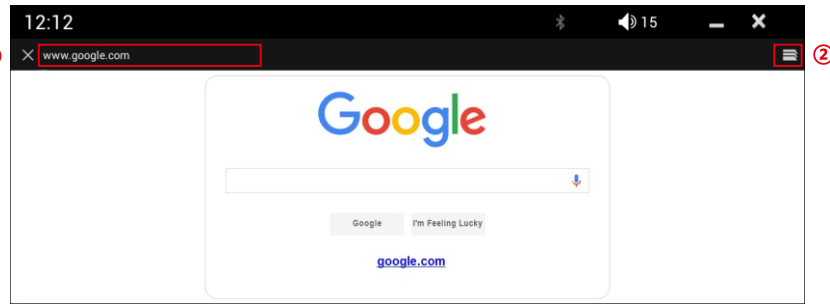
1. Insert USB, click on the main interface > media > video, enter the video player interface, touch any point on the screen, pop-up control menu.
2. If need to fast forward or rewind playback, can directly click on the mobile playback progress bar to any playing time position.
3. Function icons act as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

Setup

Voice	Theme setting
Sound settings	Boot screen selection
Volume adjustment	Personalization
Mute(on / off)	Suspension button(on / off)
Navigation settings	Car door alarm(on / off)
Navigation path selection	Split screen display
Sound automatic switching (on / off)	WiFi settings
Navigation sound volume adjustment	WiFi signal connection
Backlight brightness	Restore Defaults
Backlight brightness control	Restore factory settings
Bluetooth (password: 0000)	Bluetooth emission
Sound automatic switching (on / off)	Bluetooth emission (on / off)
Volume adjustment	Auto switch host Bluetooth music (on / off)
Bluetooth information parameter	
Touch correction	Bluetooth status connection display
Touch correction settings	Edition
Date and time	Factory settings (password: *78#00009*)
24 hour system (on / off)	
Auto set	Host video source settings
Time Zone Selection	AUX automatic switching settings
Language	Android factory settings
Multilingual choice	Function configuration
Reversing	Version information view
Reverse the video input from the screen (on / off)	Upgrade
	MCU version
Reverse the video input from the host (on / off)	CAN version
Brake	Note: version information may be modified as per software update without notice!
Brake check (on / off)	

Browser



- 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.

More

- 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.

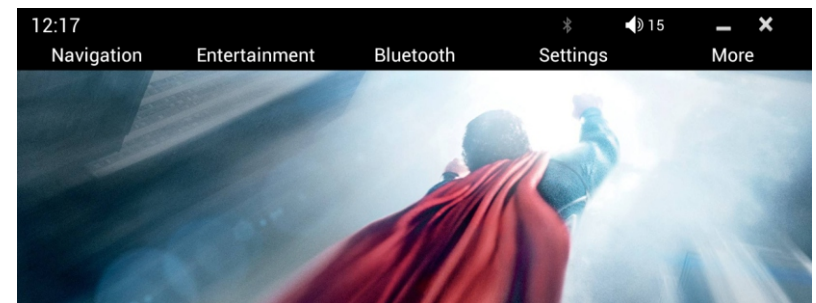
Gallery



1. Insert USB, click on the main interface > media > picture, enter the picture browsing operation interface.
2. Support multi-point touch, two touch, moving the finger distance, you can zoom in or zoom out the picture function, light and fast.
3. Function icons act as follows:

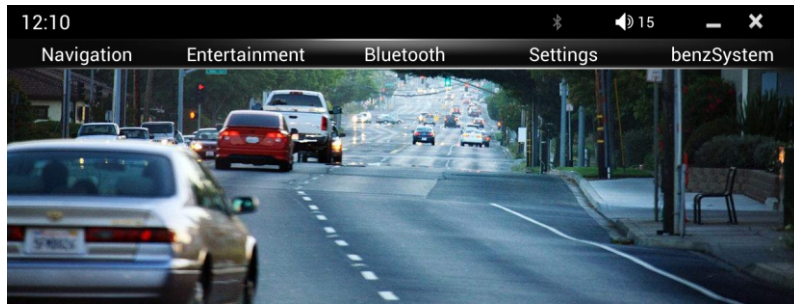
☰	Touch off the background and return to the main interface
×	Touch to turn off the current function and return to the previous interface
⏮	Click this button to play the last song
⏸	Click the button for play or pause function
⏭	Click the button to play the next song
☰	Click on the menu list to see


AUX IN



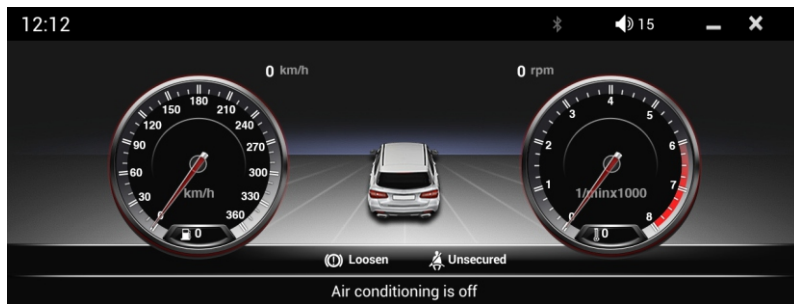
1. AV input function, can be connected to the multimedia broadcast audio / video access system, such as: cameras, games and so on;
2. When an external audio / video input is detected, the external audio / video file is played directly after entering the video input interface.




DVR



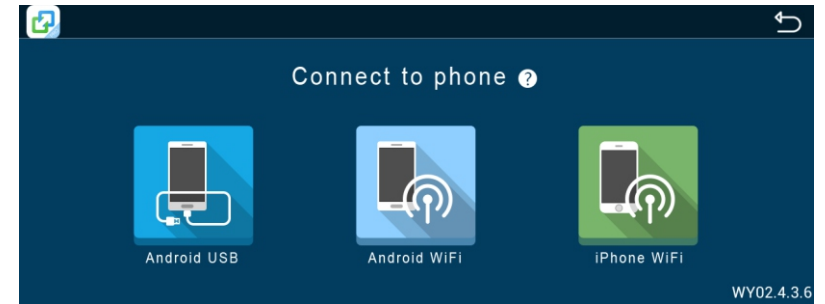
- 1, click on the main interface  icon, enter the recorder function interface, the music is playing at this time may not be maintained;
- 2, in the recorder operation interface, you can choose video, playback, settings and other functions.

ECU



- 1, click on the main interface of the  icon into the LCD instrument function interface, the interface can be used to view the original vehicle function parameters, such as synchronous display: residual oil volume, safety belt, brake switch, outdoor temperature etc.;
- 2, click the  icon to return to the previous interface, click the  icon to return to the main interface.

Mirro link



Mirror link is a professional car standard Wi-Fi A/V mirror converter for smart phone, Pad, and other device, which transfers navigation, audio, video, game information of smart phone or pad (live screen) to car player. With this device, you can enjoy entertainment better in car. Which support IOS and ANDROID system both.

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, 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;
- 2, For the first time to connect mobile phones, you must connect to the USB cable after reboot;
- 3, Go to mobile Settings > Open developer Options > open USB debugging > connect USB line > USB debugging;
- 4, 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, Find the mobile phone settings, open the phone's hot spots, and connect to the hot spots from our navigation.
- 2, From the mobile phone screen to open the control bar > select AirPlay > select phoneLink to open it.

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;

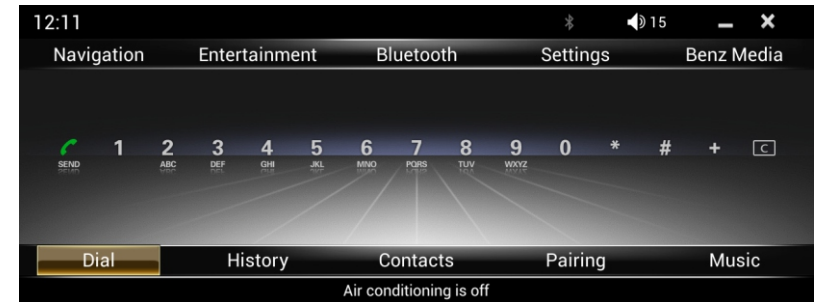
2, Mobile phone: the personal hotspot function mainly refers to the mobile phone network traffic into a similar WiFi signal network sharing out, mobile phone or other vehicle to search the hot spot, enter the correct password to connect using;

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 mobile phone's Bluetooth mobile phone, when the system and signal connection, mobile phone will display device name (CAR-BT name may be changed according to different versions of the software, mobile phone); when the search to the built-in Bluetooth and select it, the mobile phone demand enter the built-in Bluetooth pairing code matching, after successful pairing host display mobile phone Bluetooth name (the initial password is: 0000).

3. **Dial / hang up:** you can use the mobile phone call, call by digital button on the screen, touch screen digital input button number when the number column shows the input number, click on the  call, click on the  stop calling, or by clicking the  button to switch to mobile phone or voice equipment the speaker.

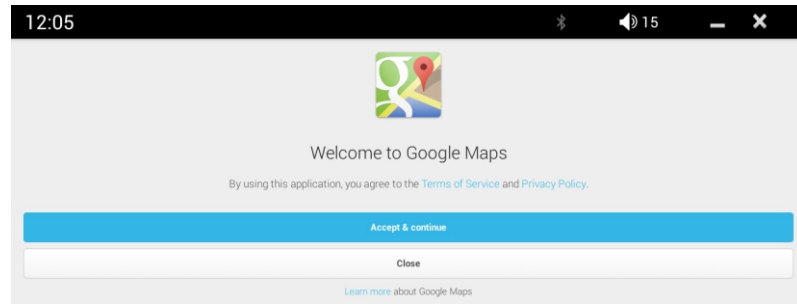
4. **Call interface:** when the external phone into, in any mode, the system will automatically switch to the Bluetooth function interface, to achieve Bluetooth hands-free call function, you can directly answer the phone, touch  can hang up the phone.


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 person:** click the  icon to download the phone number in the phone book address to the machine device; click the  icon to search the designated directory contacts; click the  icon will delete the downloaded phone information.

7. **Bluetooth:** Bluetooth music function is when the mobile phone to play music, can be controlled by the function, and can be output via a speaker in the car (steps because of various brands of mobile phone models, the use of mobile phone Bluetooth music play is may vary).

Navigation



1. Click on the main interface  icon, enter the GPS navigation function, the operation interface;
2. Open the settings interface > navigation Settings > navigation path selection;
3. Because 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

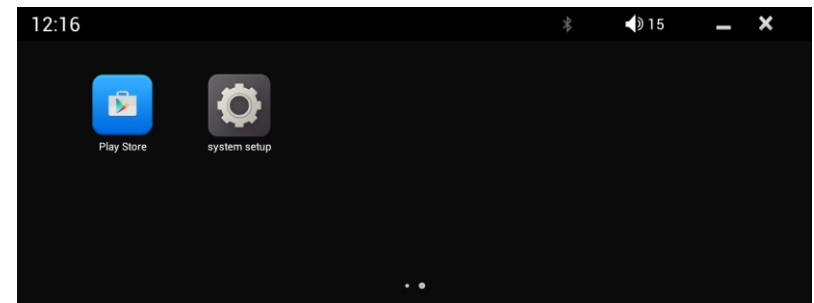
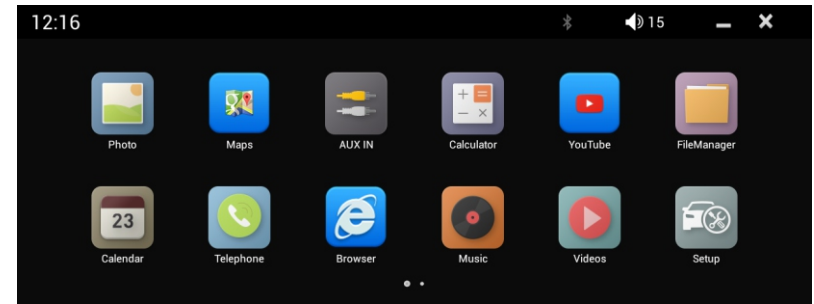
When the GPS signal or reception is not received, please note the following:


Make sure your device has a sky facing no shelters.

The GPS signal may be affected by the following factors:

- 1) Bad weather;
- 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.

Android



1. Click on the main interface  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. Navigating Map selection: the system comes with a number of different versions of maps to choose from, you need to connect to network for 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..