



AV8V6

Android Naviceiver for Volkswagen/Seat/Skoda





Content

Content.....	- 2 -
Foreword.....	- 2 -
Instructions.....	- 3 -
Safety Attention.....	- 3 -
Copyright Information.....	- 4 -
Product components graphic.....	- 4 -
Parameter.....	- 6 -
Packing list.....	- 7 -
Wiring Diagram (Volkswagen to GOLF 6 platform).....	- 7 -
Front Panel (AV8V6).....	- 8 -
Language Set-Up.....	- 9 -
HOME.....	- 9 -
Radio.....	- 10 -
Bluetooth.....	- 11 -
Music.....	- 14 -
Video.....	- 14 -
AVIN.....	- 15 -
File Manager.....	- 16 -
Browser.....	- 16 -
GPS Navigation.....	- 17 -
DAB+.....	- 17 -
Photo.....	- 17 -
Easy Connect (Mirror link).....	- 18 -
Settings.....	- 19 -
Maintenance Instruction.....	- 21 -
Trouble-shooting.....	- 21 -
Contact data.....	- 22 -

Foreword

Thank you for choosing car multimedia terminal products produced by M.I.C. GmbH. This products include GPS, Radio, Bluetooth, Audio & Video, Mirror-Link, Wi-Fi hotspot, 3G Dongle, DVR, TPMS, OBD II, DVR-T/DVB-T2 & ISDB-T, Rear View auxiliary drive etc. functions.

For your convenience, please read the user manual carefully before use this product, in order to fully understand and master functions and features of products, and keep this user manual for future reference.



Instructions

This user manual as a product guidance only, does not mean hardware and software configuration description of products, product and accessories may vary by regions. As described product function contents in this user manual do not match with actual situation, please take actual function as standard.

Remarks: In order to ensure your proper and safety use, please read this user manual carefully before using.

Safety Attention

User please observe the following precautions, In violation of the following causes of product failure or other personal injury and property damage, the product provider does not assume any liability. Please install this product correctly, do not block the driver's view, and do not interfere air bag and other automotive safety equipment.

You should avoid use this device before enter the explosion area because of implicit factor. Because in these environments (such as: gas station, inflammable or chemical transport equipment or storage locations, contain combustible gases or particles in the air), sparks can cause explosion or fire hazard, personal injury or even death.

This product is used to provide users with drive reference only, please abide by actual traffic rule and actual traffic conditions.

For your safety, driver shall not operate the system during driving.

If the product malfunction occurred or accessories abnormal, lead to not working properly, please contact manufacturer or local distributor, please do not disassemble and modification this product.

You are recommended to read all the instructions carefully before installation and have it installed by a professional dealer of audio devices.

This machine is applicable to vehicle power system of 12V (connected with GND). Do not install machine in truck or bus with 24V power system, which may cause damage to this product.

Do not watch TV or other video while driving, this may cause car accident

Do not replace the power fuse or use inappropriate fuse without the guidance of professional, or else it may cause damage to this product or trigger fire alarm.

Do not place this product in damp surroundings or in water to avoid electric shock caused by short circuit and prevent unnecessary damage and fire hazard.



Do not use the player in strong magnetic environment; GPS, Bluetooth, digital TV will be affected.

Please turn off the player before switching off the ignition switch of your car, since power switch will consume the car's battery.

Please turn off or pull out the ignition key before installation, as battery current leakage of short circuit Maybe caused when the engine is running.

Make sure not to damage any pipe or wire and electronic parts of fuel cell during installation; otherwise.it may cause fire.

Be careful not to damage any parts of car when digging holes on instrument panel.

Do not use nuts or screws to connect safety devices such as steering connection device,fuel supply or b rake system,as it may cause a fire or accident.

Please be noted car rear view function is only an auxiliary function , The manufacturer will not be responsible for any accident caused by the driver while driving in reverse.

Tips: For fear of short circuit,please remember to turn off the engine and disconnect ACC from B+before installation.

Installation Location:

Do not install this product in the following positions;

- a) In the position where drivers view is blocked.
- b) In the position where operations of steering wheel, gear lever and brake pedal may be affected.

Notice: Defects caused by abnormal use are not covered by the manufacturer's warranty.

Copyright Information

This product software programs are owned by M.I.C. GmbH. Please do not copy, modify, in any form and map data transfer software.

Product components graphic

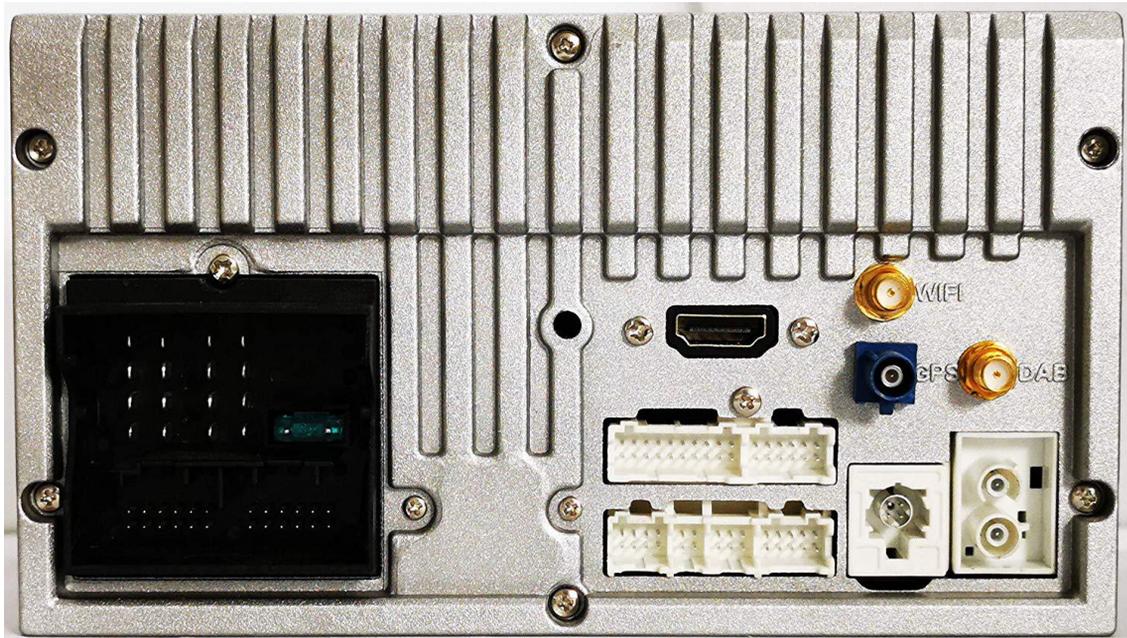
Note: The following product component diagram for reference only, real product design in kind shall prevail.



Front AV8V6:



Back-panel connection for AV8V6:

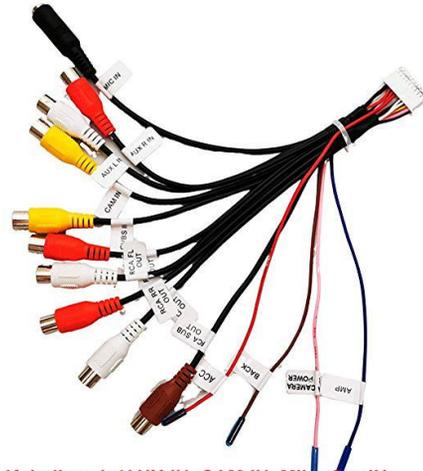




Accessories for AV8V6:



USB-Kabel (2 Anschluss)



Kabelbund: (AUX-IN, CAM-IN, Mikrofon-IN, SUB-OUT, 4 x Audio-Out, ACC, Kamera Power, Back, AMP)



Aktiv DAB+ Antenne



WIFI Antenne



GPS Antenne

Parameter

Operating Voltage: 9V-16V DC

Maximum operating current: < 11A @14.5V

Standby operating current: 6MA

Operating Temperature: -25°C ~ +65°C

Storage Temperature: -40°C ~ +80°C

Relative Humidity: 5% ~ 95% (No frost)

Location mode: GPS

Location accuracy: ≤15M

Positioning precision of speed: ≤0.1M/S

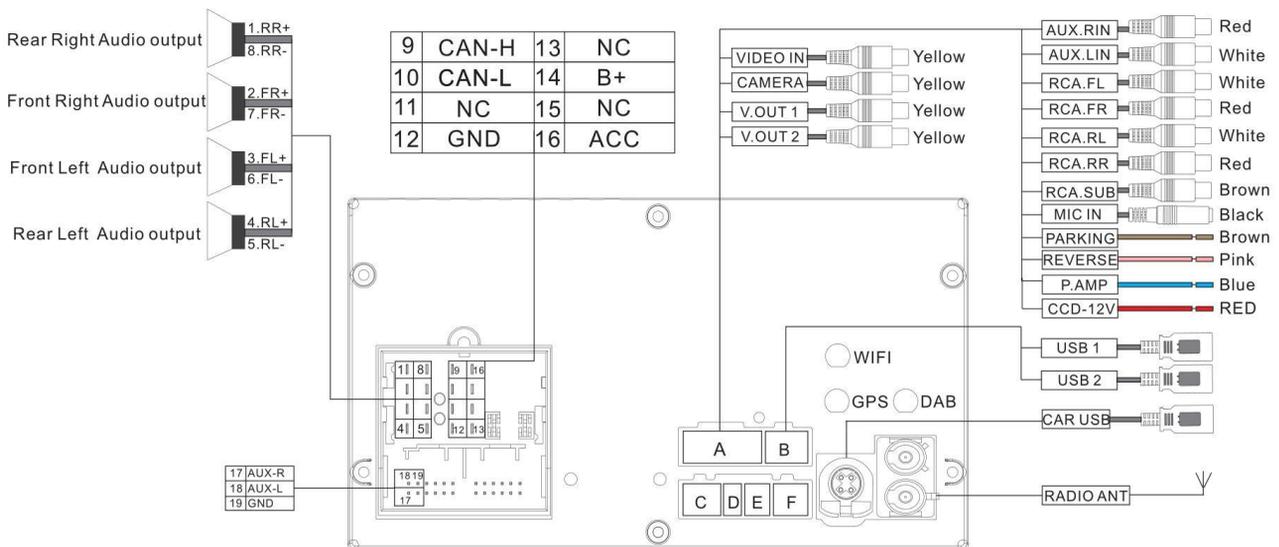


Packing list

● Standard accessories

Standard spec	Quantity
Main unit with integrated CAN, DSP and DAB+	1 pc
GPS Antenna	1 pc
WIFI Antenna	1 pc
DAB+ Antenna	1 pc
USB Cable	1 pc
Wire Harness	1 pc
Quick start guide (German)	1 pc

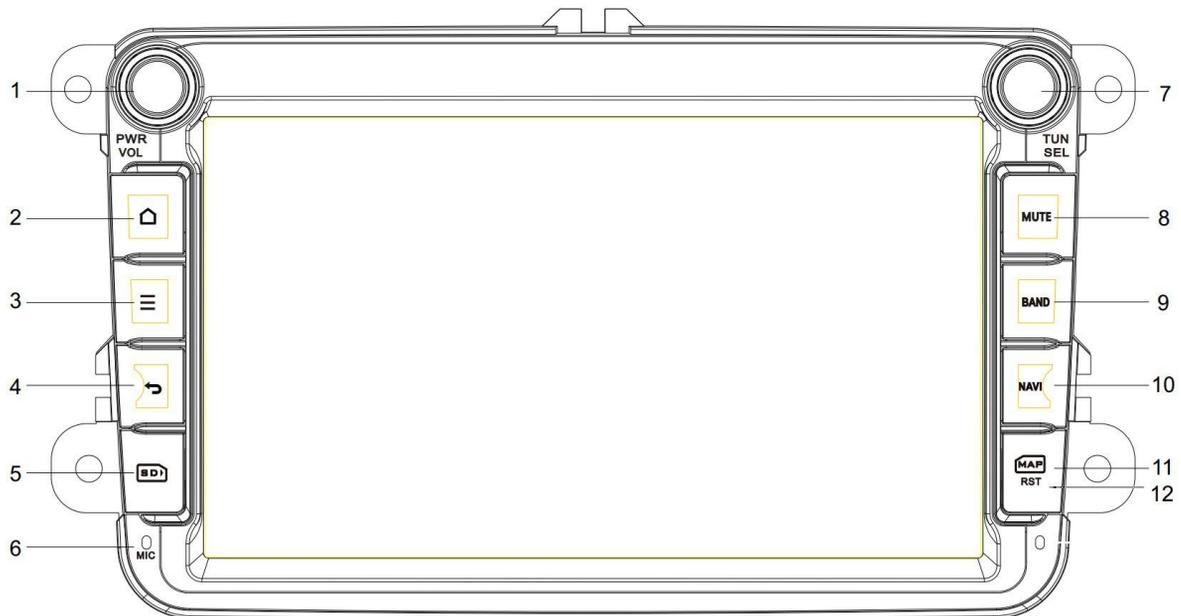
Wiring Diagram (Volkswagen to GOLF 6 platform)





Front Panel (AV8V6)

<p>1. PWR: Power ON/OFF</p> <p>VOL: Volume knob (Rotate the knob clockwise to raise the sound; Instead, shift to decrease the volume)</p>	<p>7. TUN: Tune(Change channels on the radio)</p> <p>SEL: ①Select (Rotate the knob clockwise to select the previous song/video; Instead, shift to select the next one).</p> <p>②EQ: Press to access EQ setup.</p>
<p>2. Home: press to return the main menu</p>	<p>8. MUTE: set the player to silent mode</p>
<p>3. Attribute: press to check the details</p>	<p>9. BAND: press to access/start radio</p>
<p>4. Back: press to return the last menu</p>	<p>10. NAVI: press to access/start GPS navigation</p>
<p>5. SD: SD card slot</p>	<p>11. MAP: GPS map card slot</p>
<p>6. MIC: Microphone</p>	<p>12. RST: click to restore the system</p>





Language Set-Up

The default language is German. If you want to use another language, click on the gear in the right bottom corner and select „System“ > „Sprachen & Eingabe“ > „Sprachen“. You can add further languages by clicking on „Sprache hinzufügen“. Set up your preferred language by pressing on it and moving it to the top (No. 1). After few seconds the system will be displayed in your preferred language.

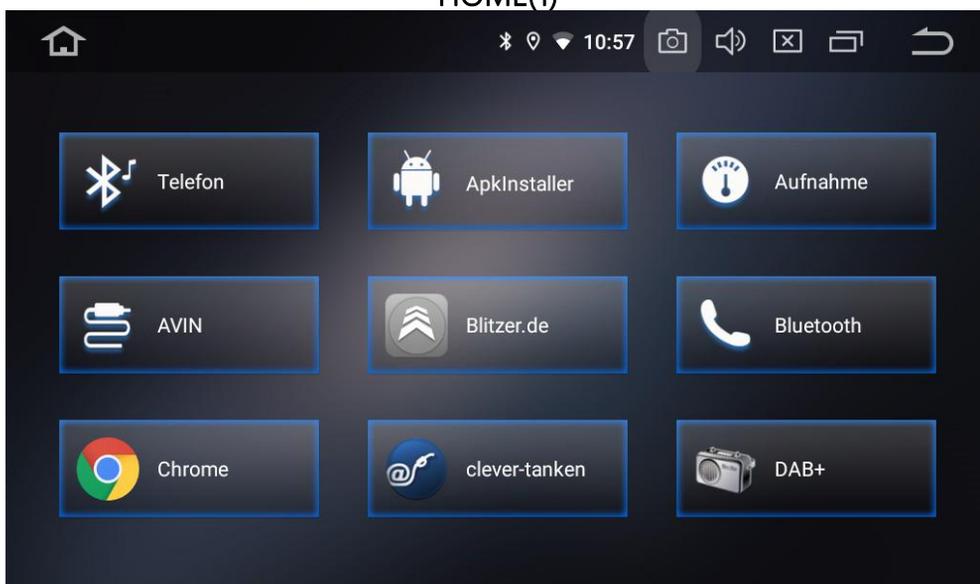
HOME

When you turn on the player, it enters into HOME interface firstly.

The interface can be slide left or right; click  to return HOME interface.



HOME(1)



HOME(2)



This product includes Navigation, Radio, Bluetooth, DVR, 3G, WiFi, Digital TV etc functions. You can click the function icon to enter relevant function for operation.

Radio

Click the app icon to enter Radio mode, the radio has AM and FM waves ,it can be switched by click the switch button,as below.



FM



AM



 Short press to search forward 0.1m, and long press to previous radio station;

 Short press to search backward 0.1m, and long press to next radio station;

(Remarks:for some models, there is TUNER knob on the front panel, you also can rotate it to search frequency.)

 Short press to search for radio stations automatically from low frequency to high frequency; click it again to stop searching.

 In FM band, press it to turn on or turn off stereo effect; FM radio signal is stronger at the center of the city,usually receive in stereo way, however, in the remote area, the radio signal is not stable, usually switch to mono mode to improve the effect to radio. (Note:when stereo is off, the mono mode is on.)

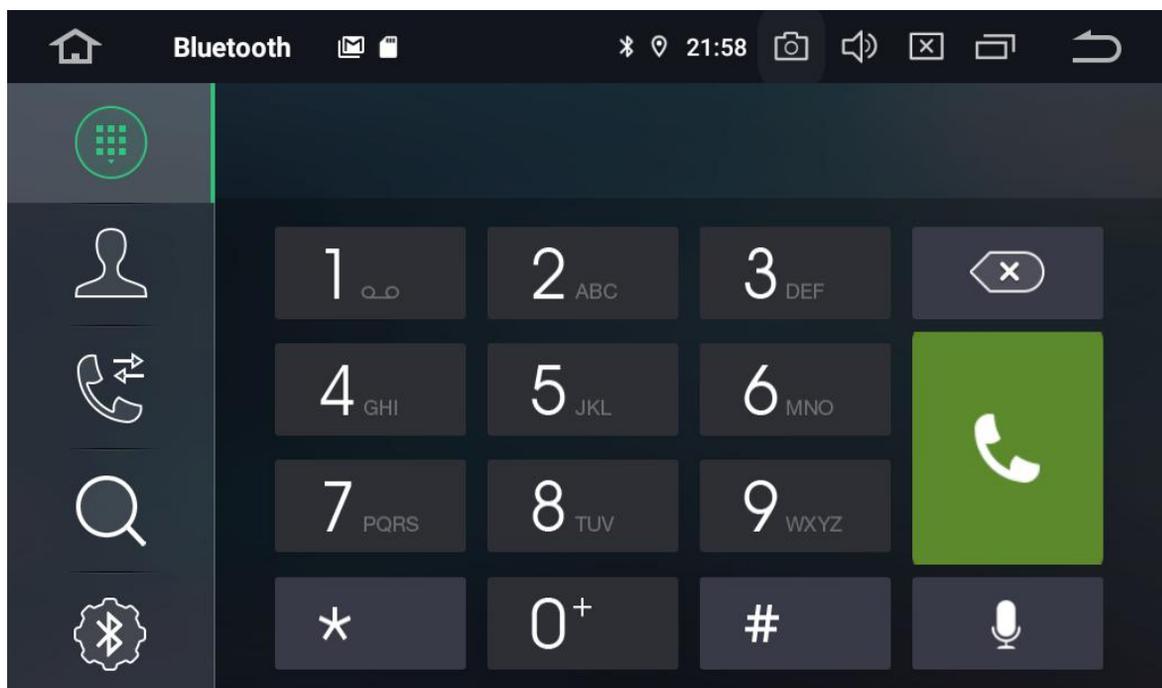
 In FM band, press it to automatically switch between local and remote radio mode, according to the strength of the radio signal.

 Press to choose AM frequency as you like from AM1,AM2; 12 effective radio stations can be saved.

 Press to choose FM frequency as you like from P1,P2,P3,P4,P5,P6;18 effective radio stations can be saved.

Bluetooth

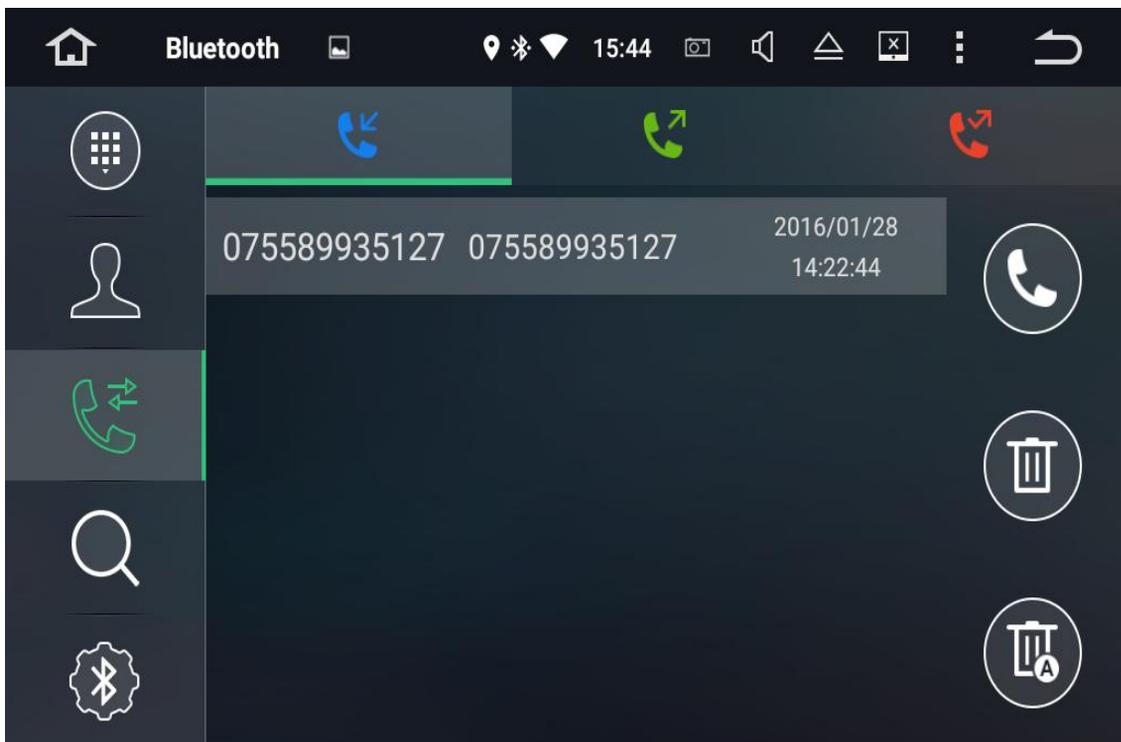
Click the app icon  to enter Bluetooth mode. When connecting with mobile phone, input the universal code "0000"and confirm it. After Bluetooth successfully connects with mobile,  icon will be displayed on the top of interface, as below.





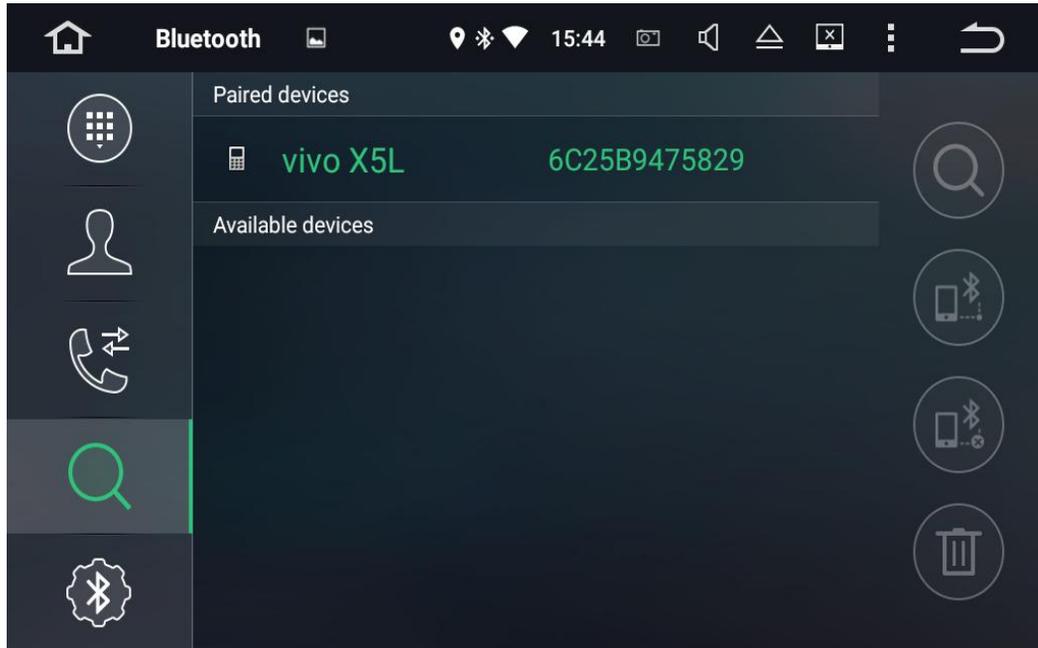
Bluetooth Dial-up

-  Bluetooth dial-up
-  Bluetooth phone book
-  Bluetooth call records
-  Bluetooth pair, click to search Bluetooth match names
-  Bluetooth setting
-  Answer/ dial
-  Hang up
-  Delete the dial number, long press to delete shortly
-  Switch, click it to mutually switch the voices between phone and speaker of the player, when Bluetooth calling



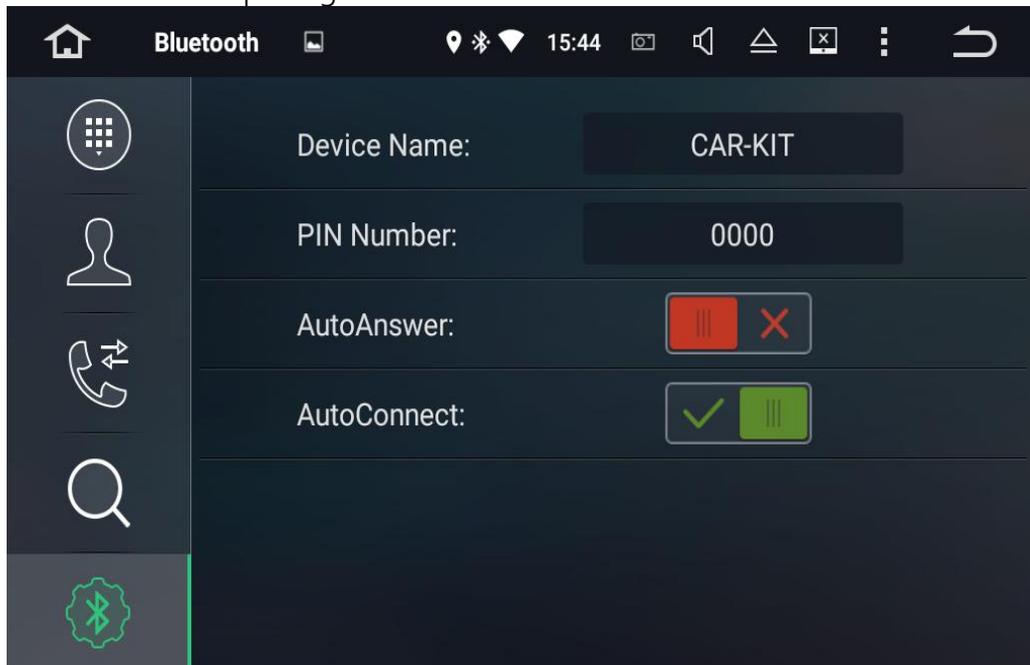
Bluetooth Phone book

-  call in
-  call out
-  missed call



Bluetooth Pair

-  Search for paired device(mobile) name
-  Connect with searched paired device(mobile) name
-  Disconnect selected Bluetooth pairing records
-  Delete selected Bluetooth pairing records



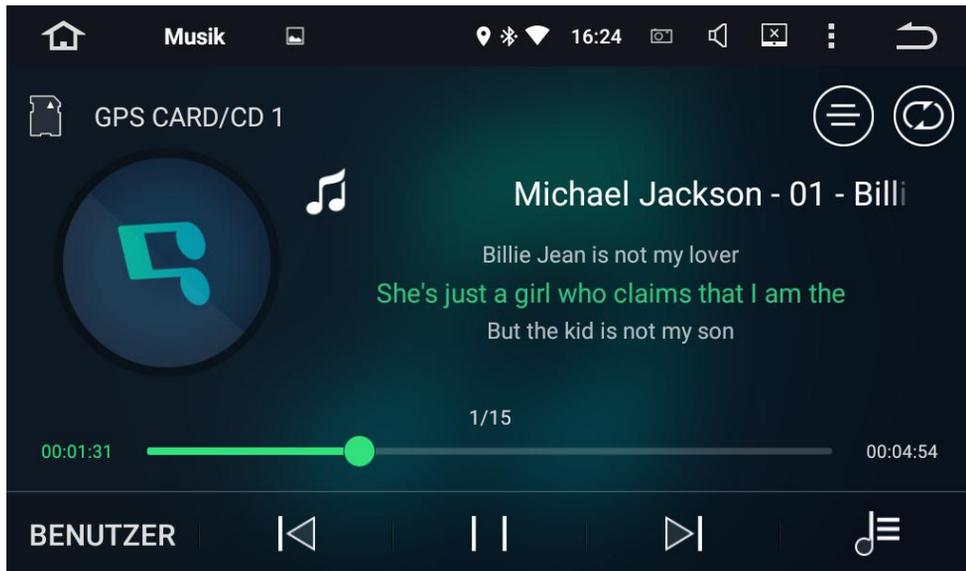
Bluetooth Setting

- 1) Set up device name of Bluetooth
- 2) Set up password when connecting Bluetooth



Music

Click the app icon to enter music mode, as below; plays audio files from SD card or USB; supports WMA, MP3 etc.

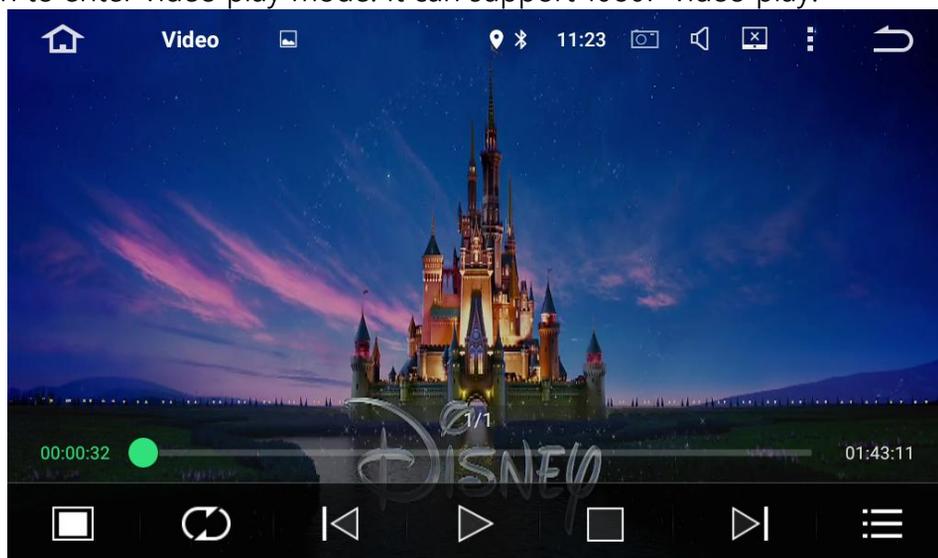


CUSTOM sound mode switch

-  previous
-  stop/play
-  next
-  playlist
-  lyrics/Spectrum switch

Video

Click the app icon to enter video play mode. It can support 1080P video play.





-  Fullscreen button
-  Loop playing Mode
-  Previous chapter
-  Play/Pause
-  Stop
-  Next chapter
-  Video list

AVIN

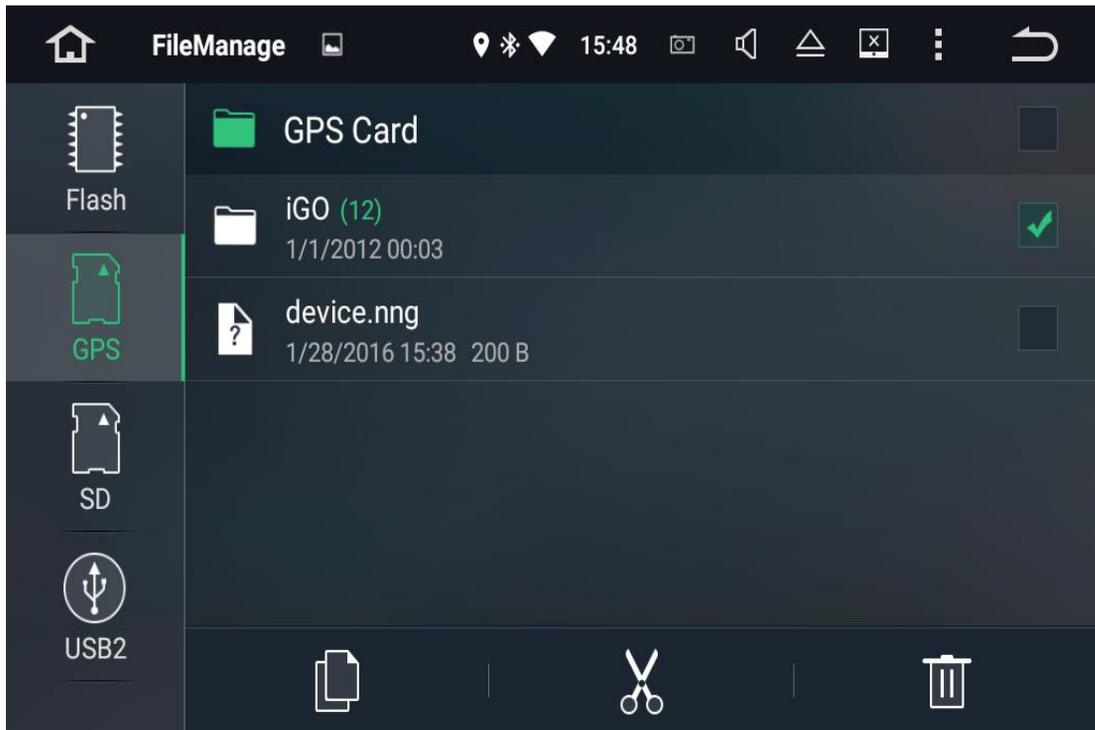
Click the app icon to enter AV In mode. It supports displaying the video/image from external device, and also audio output, as below.





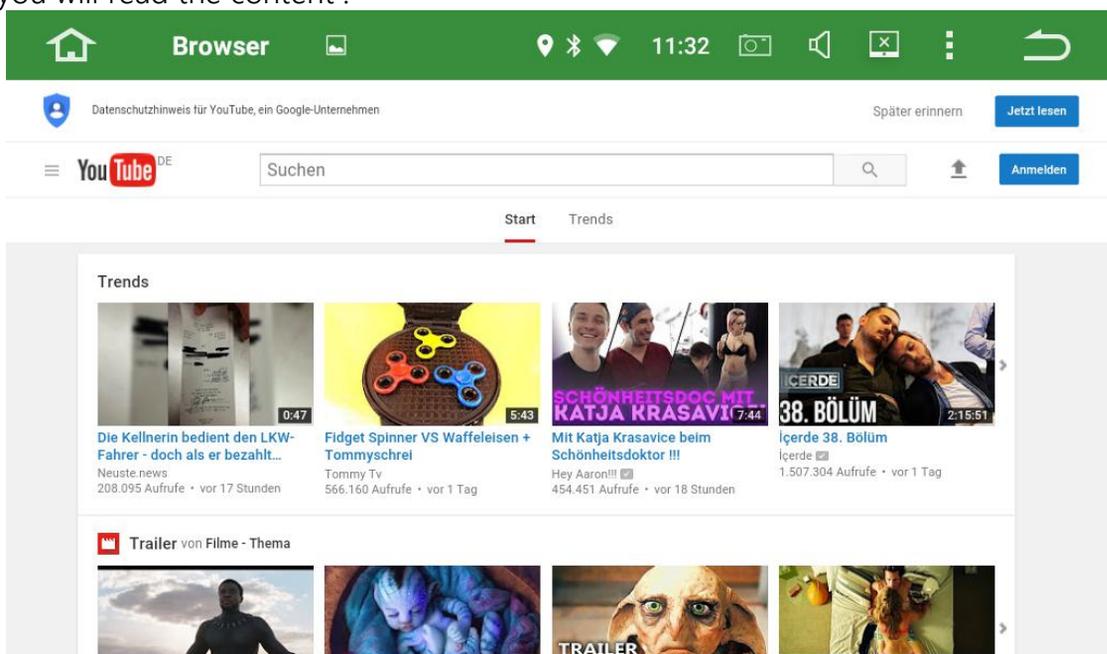
File Manager

Click the app icon to enter File management mode. Click  to select the files to remove, select the copy icon  to copy files, and the paste icon  to paste; if you don't need the file, press the delete icon  to delete it.



Browser

After you connect "hard driver", "SD", "USB", "photos", "movie" and "Tool", connect, then click "File Manager", you will read the content.

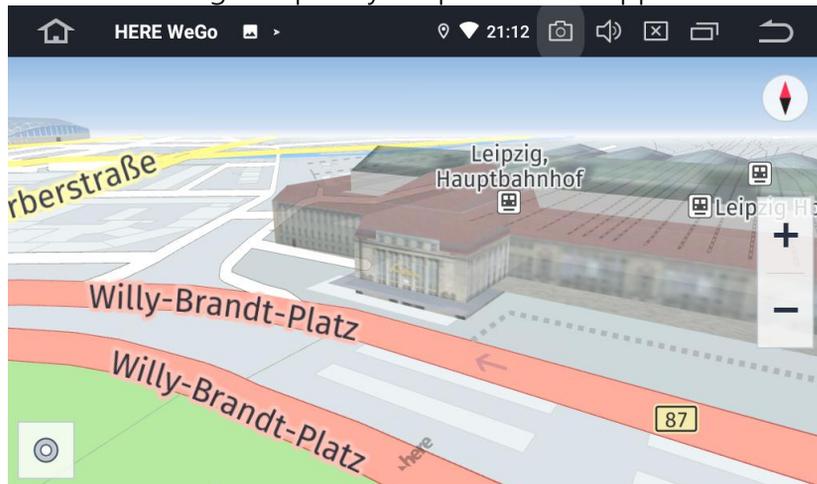




GPS Navigation

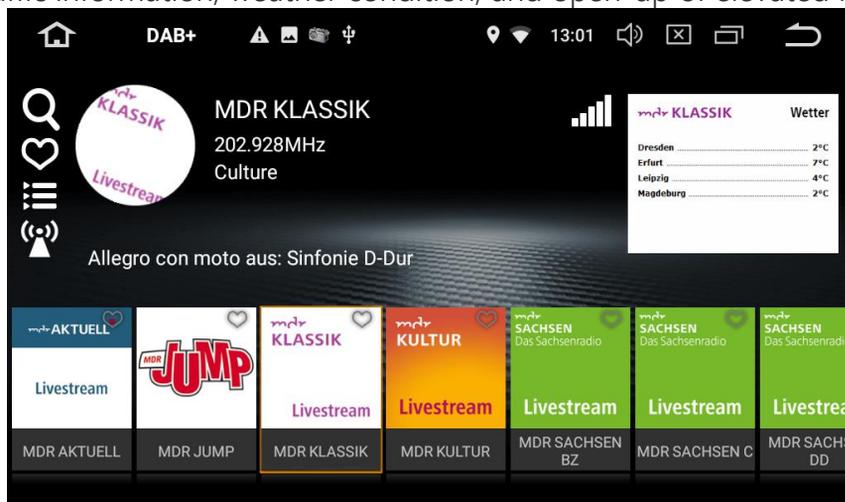
Preinstalled you'll find the navigation app „HERE WeGo“. It's capable of navigate offline and online across the European continent. Further you can get map updates for free and live traffic data with an internet connection.

As an alternative you'll find also GoogleMaps in your preinstalled apps.



DAB+

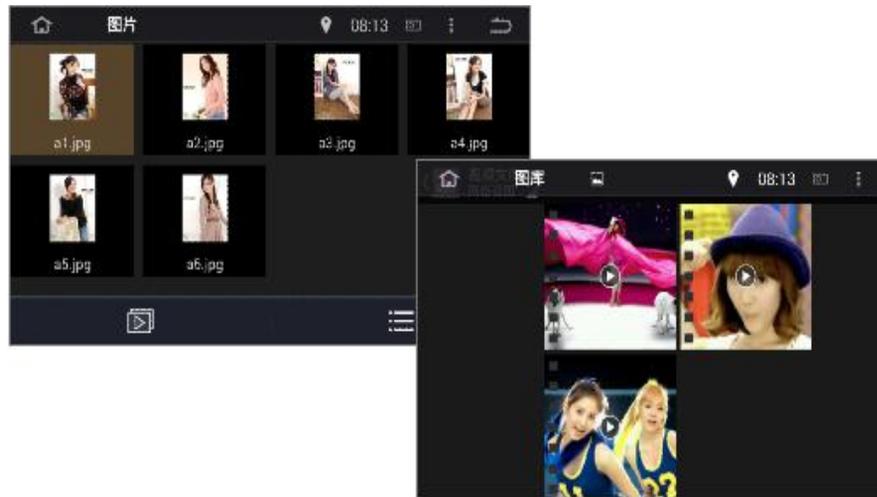
Digital Audio Broadcasting is usually abbreviated to "DAB"; With CD sound quality, it can help you keep track of real-time traffic information, weather condition, and open-up of elevated ramp etc.



Tips: The reception format of DAB varies around the world; maybe DAB abnormally works in your area.

Photo

Click the app icon to enter photo/gallery mode. Photos are from flash or SD/USB; Gallery can play photos, but also videos from SD/USB,as below.



Easy Connect (Mirror link)



Android USB:

1. Connect mobile phone to the device by USB cable;
2. Install mobile interconnection service;
3. Please keep mobile unlocked;
4. It will take a long time if mobile first connect;
5. Use USB cable if mobile first connect or reboot;
6. Share the audio and video of mobile to our product screen, and 2-way control;
7. Support horizontal and vertical screen display.

Android WiFi:

1. Open mobile hotspot---select hotspot connection in the list on the left;
2. Connect to the hotspot;
3. Install mobile interconnection service;
4. Share the audio and video of mobile to our product screen, and 2-way control;
5. Support horizontal and vertical screen display.



iPhone WiFi:

1. Open iPhone hotspot---select hotspot connection in the list on the left;
2. Connect to the hotspot;
3. Open iPhone AirPlay and Mirroring function to connect;
4. Share the audio and video of mobile to our product screen;
5. Support horizontal and vertical screen display.

Settings

Click the settings icon to enter System Settings mode, including Wireless & network, Device, Personal, System, and Car settings.

1. Wireless & network

WiFi setting:

Input wireless network name and password; the WIFI icon  will appear at the top of status bar after the connection is successful.

3G setting:

Plug the 3G dongle by USB cable, and input VPN information; the 3G icon will appear at the top of status bar after the connection is successful.

2. Device

Display Setting:

Set up screen brightness, dynamic screen and background

Sound Setting:

Set up the key tone and volume.

Application Setting:

Check running status, installation and unloading of software.

Storage Setting:

Check the Internal storage and iNand flash, the details of used and available capacity.

Shortscreen Setting:

Select 10 seconds,15 seconds,30seconds to capture the image of screen and set the storage location,

show the screenshot button  at the top of status bar.

3. Personal

Security Setting:

All the Programs to factory reset.



Account Setting:

Register mailbox or set up E-mail, send and receive mails conveniently, check E-mail information easily.

Language and input Setting:

The player supports multi-language. You can choose different language and input method as you need.

Backup and Reset:

Backup the installation data, application data, other settings and account information to Google server. If the system problem happens, you can choose automatic reduction or restore the factory settings.

4. System

Date and Time Setting:

Select and set time and time display formate according to time zone

Accessibility Setting:

Select and set the text-to-speech function,time of touching.shorcut key of auxiliary function

5. CAR

GPS Setting:

Select and set GPS navigation and sound mode

Driving Setting:

Select and set if allow to watch video while driving, reversing X-mirror/volume/trajectory display

Extra Setting:

Select and set shutdown delay when ACC off, Playing music when USB/SD inserted, and DVR storage location.

Amplifier Setting:

Select and set or customize sound effect, such as, Standard, Pop, Rock and Roll, Jazz, Class, Soft etc.

Steering Wheel Keys:

Select and set steering wheel keys to learn the corresponding function.

Factory Setting:

Select and set the right models logo, radio area and CanBus for your car.

(Please do not change and set other application information.)

About the Device

Display product information such as: System updates, Version info, Model number, S/N number, CPU, Memory; Version info includes MCU version, Android version, Kernal Version, and Build number.



Maintenance Instruction

In rainy or very humid environment, steam condensation to water mist on dvd loader will make it failed to read DVD. Please turn off the DVD player till the inside moisture totally disperse, let it dry then turn on it and operate.

Trouble-shooting

Before sending the product to maintain, please firstly read the below trouble shooting table and make simple checking or adjustment to solve the problem according to the instruction.

If the problem of the product could not be solved effectively after following the table and checking, please contact with professional service center or us.

Problems	Cause	Solution
Fail to turn on the unit; The unit cannot work.	Vehicle key is not in electric switch or electric switch is still off	Insert the vehicle key to turn on electric switch
	Power cable of the unit is disconnected	Connect power cable
	The fuse may be burnt	Replace fuse with the same rated current
Touch is not smoothly carried in	Touch screen is not accurate or slow response	Calibrate the screen
Fail to play the video file	Wrong file format	Support format: WMV, AVI, RMVB etc...
	Wrong file size	Correct file size is 800*480(max),
GPS image cannot display	Not in GPS navigation mode	Click and access the GPS navigation mode
GPS is not working	GPS antenna is disconnected	Connect GPS antenna
	Drive in area where GPS signals are shielded	Drive out to areas where GPS signals are not shielded
Bluetooth is not working	The mobile did not pair with the unit at the first time	Pair the mobile with the unit
	The Bluetooth between the mobile and the unit is incompatible	Change another mobile to have a try
SD card can read on computer, but cannot read on the unit.	Because of the compatible reason of SD brand, not all of the SD cards can read in this system.	Replace the right one.



Radio searching doesn't work well	Vehicle auto antenna is disconnected	Connect the auto antenna
-----------------------------------	--------------------------------------	--------------------------

Contact data

M.I.C. GmbH
Hans-Weigel-Straße 1A
04319 Leipzig
GERMANY
Tel: +004934158099135/36
E-Mail: info@mic-deutschland.de