

S100 Series

In order to use the device in the correct way, please read the manual carefully. We will not notice you the specification or design update of due to the technology improvement.

Car Entertainment and Navigation System

Smart S100 Series



User Manual



Foreword



Thank you for choosing the car audio-visual navigation system of this company!

When you use this product, please read all the information attached with it, this manual is introduced all the functions of audio-visual navigation system ,so that you can facilitate the process easier. Through it, you can obtain information about products introduction, operation methods, make sure the operation is more convenience.

The display picture example of manual referenced may be a little different from the actual picture.

The display contents of this manual may be a little different with the actual content.

If any parameters change when Products continue to update and upgrade their functions, will be added to make without notice. Any problem please check the details with the agent, thank you for your support and cooperation!

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! Warning

- In order to avoid accidents, a possible violation of applicable law, do not use other function as purposes expect navigation when driving.
- In some areas, it is illegal for the drivers or other people in car to watch the images of the display.

Notice for safety items

- In order to avoid any injury or property damage of the user or other persons, please be sure to read in details and abide the following notice item.

- 1) Read the Manual
- 2) Take good care of the Manual for future use.
- 3) To comply with all the warning and notice of this manual.
- 4) To comply with all operating instructions.
- 5) Regarding the power supply, please refer what the manual stated.
- 6) The installation and wiring distribution of this product needs specialized skills and experience. To ensure safety, commissioned by professional technicians for installation and wiring.
- 7) There is not any parts attached with the products for user to repair and replace, please ask the professional technician with qualification of maintenance to repair and replace.
- 8) Ventilation: Do not plug any ventilation cooling vents, the local shell holes and other openings are for ventilation of heat. In order to ensure machine works stable and reliable, long service life, not to plug the hole cooling, ventilation environment must be maintained to avoid overheating the machine caused by smoking, fire or other danger.



9) Avoid heat source: heat source should be avoided and products will be not installed on local exposure to direct sunlight, high temperature areas; to be away from heat sources, such as heating, heaters, heat or have other things (including magnifier).

10) Avoid Water or Moist: device should avoid water or moist, do not let this machine being exposed to rain or moisture in the environment (as when rain and car washing) to avoid the internal machinery of the short circuit caused the fire, electric shock or other danger.

11) Cleaning: before cleaning machines have to shut down power, and then wipe panel Do not use volatile chemicals (such as gasoline or thinner) to clean panel.

12) Avoid the matter or water into the device. to prevent foreign matter or liquid into the inside of the machine, do not insert the foreign body from the cooling hole or other opening into the machine. If you insert foreign bodies may cause electric shock, machine parts within a short circuit caused the fire, such as the risk of electric shock.

13) Installation device. do not install the unit to the truck, frame, tripod, bracket or table without the manufacturer's recommendations, should be installed on the install fittings which come with machines. When used in the car, pay more attention to firm the installation of this machine, avoid the machine falling down because of the sudden brake and resulting in personal injury.

14) Don't operate the machine in the event of rain or lightning for a long time, have to cut off the machine power.

15) Appear in the following situations, please turn off the local power supply in time, and contact with professional technician.

A. When the power wire or connector damaged.

B. When the machines were splashed with liquid or when the entry of foreign matter;

C. when the machine has been rained or moisture attack;



D. when the machine crashed from a height or as a result of abnormal operation or unreasonable damage caused.

16) LCD Display: do not let the machine decline to avoid LCD screen fragmentation, if so, when the outflow of liquid crystal, do not touch the liquid crystal, so as not to be harmed. Do not heat the liquid crystal display or scratching LCD with sharp objects, touch panel is also susceptible to scratching. The effective pixel of LCD screen is more than 99.99 percent, but 0.01 percent of the pixels could not be lightened normally.

Notice before Installation

➤ Products of the manufacturers recommend that you do not install or repair their navigation systems by yourself. Installation and maintenance of the product may cause you in danger of electric shock or others, for all installation and maintenance operations of this navigation system please entrust to the service center authorized by manufacturer.

➤ Forbid to use the following dangerous installing ways and location:

1. When the car in a sudden stop may cause injury on the driver and passengers.
2. To avoid the possibility that impeded the operation of the vehicle drivers, such as the driver front seat or the floor near the steering wheel, stick shift.

➤ Before opening the hole from faceplate in the dashboard panel, make sure that the rear space is enough. Be careful, not to damage the fuel cable, brake cable, electrical components, power lines or cable communications.

➤ When use the screws, please ensure that they are not contact with any electrification down-lead. Vibration may have damaged wire or insulation skin and lead to a short circuit or other damage to the vehicle.

➤ In order to ensure proper installation, use the standard method of installation of the required components. If you use any non-standard components, this product can be internal damaged or loose components, leading to damage of the Product.

➤ If the GPS antenna may lead to the winding column or stick shift that would



be very dangerous. Please ensure that the installation of the product will not disturb driving.

➤ Please ensure that all leading cable will not be caught by the doors or sliding framework in the seat, so as not to cause a short circuit.

➤ After finish the installation of navigation systems, please check vehicles and other equipment is correct.

➤ Some countries may prohibit or restrict to install or use of the system in the vehicle. Please comply with all the rules related to the application of laws and regulations when using, installation and operation of the navigation system.

➤ This product will be installed in the position between the driver's seat and passenger seat in order not to avoid any damage on the unit by driver and passenger when the car suddenly brake.

➤ Never install this product on the dashboard, door or columniation and girder, and the position the air bag expanding out and nearby, Please refer to your vehicle owner's manual to find out the area front airbags expanding

➤ Do not install this product on the location may prevent the vehicles, including airbags, pillows and any operating system performance.

➤ Avoid the electromagnetic interference: In order to avoid Electromagnetic interference, please try to stay away from the following components of this product, cable or other wire. (FM, AM antenna and its wire, GPS antenna and its wire). And you should arrange every wire to stay away from each other, not make it colligation or cross-banding together. EMI will increase the possibility of

System installation

➤ Voltage rating (as the picture -01)

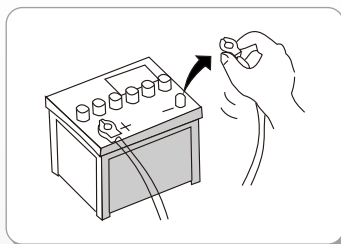
1) This product use for the vehicle with 12V battery and negative GND. Before the installation, check the battery voltage.

2) In order to avoid short-circuit system, installed prior to the proposed removal



of the battery negative.

- 3) Don't cross the fuse of the device, directly connect to the battery.



(Picture-01)

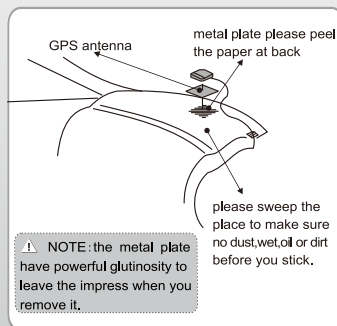
➤ The installation of the device

- 1) First of all, take the original vehicle CD player out.
- 2) Remove the install bracket and screws and keep it.
- 3) Fix the bracket through the screws on the navigation system device.
- 4) Don't connect this product power wire directly to other power-line circuits.
- 5) Fix all the cables according to the hose diagram.
- 6) Install the navigation system in right position and then screw the bracket of the original car to fix it well.

⚠ Note: Do not damage or dirty the Dashboard.

➤ The installation of GPS antenna

- 1) To install the antenna in the inner of the car(on the rear shell),please try to make the metal plate stick on the horizontal lever so that the GPS antenna towards the window. GPS antenna will be placed on the metal plate. (GPS antenna fixed by magnetic.) (picture-02) :

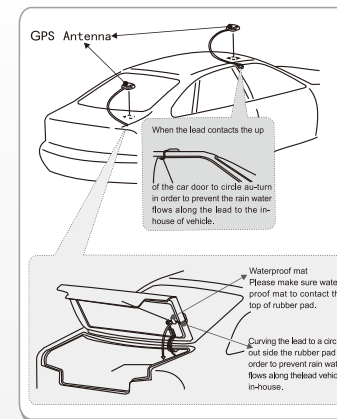


(Picture-02)



- 2) To install an external antenna (on the car),GPS antenna will be placed in a level position as far as possible, such as roof or cover suitcase Department. (By a fixed magnetic body.) (picture-02) :

⚠ NOTE: Paste the metal plates, should not be cut it into small pieces. Some models of vehicles do not allow glass windows GPS satellite signal penetration. Then, the GPS antenna should be installed at the outside of the vehicle.



(Picture-03)

Other notice

➤ Operation of remote control

Do not put remote control on the dashboard, the steering wheel or sunbaked place, especially in the summer as the high temperature will lead to deformation of the remote control. When the car stopped in the sun-baked place, the remote control should be placed on storage boxes or sunproof area. Under direct sunlight, the signal from the remote control may not be correct to receive by the device. Therefore, please put remote control near the front panel of sensors.

➤ On the proper use of batteries

If used the battery in a wrong way, due to rupture and leakage of electrolyte and cause fever, fire, injury or failure, as well as the use of pollution around the danger.

- 1) Please put the batteries in the remote after confirm the + and-of batteries.
- 2) Please use the batteries we suggested.
- 3) Please change the exhausted batteries in time for your better use.



- 4) Please take the batteries out, if you don't want to use the remote for a long time.
- 5) Bind up depleted batteries with adhesive tape or store them in a plastic bag for insulation in storage.
- 6) Never charge, short-circuit, dismantle, deform and heat the batteries or throw them into fire or water and make them contact with any metallic object
- 7) Never place batteries or remote control loaded with batteries in the surroundings at high temperature including an enclosed vehicle with doors and windows closed, trunk or a place in the direct sunshine and adjacent to a heater.
- 8) Keep batteries away from children. Send the children to the hospital immediately if they swallow down any battery.

➤ Notice about Batteries

- 1) Type of Battery: lithium battery
- 2) Operation Life: approx. 1 year (under indoor temperature) in normal operation
- 3) While disposing batteries, make sure to observe the local regulations on depleted batteries.

➤ Treatments for battery electrolyte leakage are presented below:

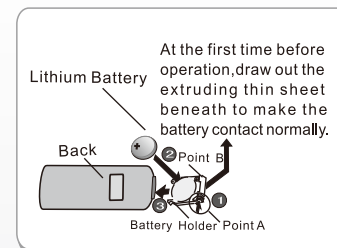
- 1) Wipe off the electrolyte residue inside the battery compartment and put in new batteries.
- 2) When the leaked electrolyte attaches to the human body or skin, rinse it off with water.
- 3) If the electrolyte enters your eyes, do not rub with hands but rinse with water and then go through the medical treatment. Emergency Treatment: In order to prevent life or property damages to the user or others, please immediately turn the power off and deliver it back to the nearest maintenance center or



automobile stereo system dealer for assistance in the case of any foregoing abnormality ,Battery Installation (Picture-04):

- 4) Take out the battery holder. Push and press the point A along the direction shown by the arrow and draw out the battery holder at the point B.

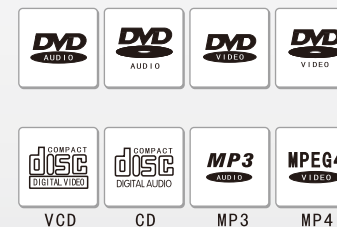
- 5) Put the battery into the battery holder.
- 6) Insert the battery holder back to the original place.



(Picture-04)

➤ The DVD Disk format

The DVD player can play DVD disk which have marked format as Following (picture-05) :

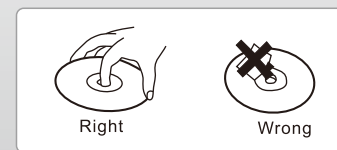


(Picture-05)

⚠ NOTE: DVD player can't play the disk which the region code is not compatible. (DVD player is full region code)

➤ The maintenance of the DVD player

Please use the conventional circular disk, not to insert irregular, noncircular disk, otherwise these disks may be stuck inside the DVD player, or the DVD player may not correctly play. Please check before playing on the disk if there is cracks, scratches or curly. Such discs may not play and lead to product failure.



(Picture-06)



Do not use this type of disc. Using disk, do not touch the recording surface (nonprinted surface) Please put the disk in the box if it's not in use. Please don't put the dish far away from the direct sunlight and high temperature place. Please don't put the label, write, paint on the disk surface, or use chemicals on the disk. Please use soft dry cloth to clean the disk from the centre to outside. The DVD player is likely to be internal components moisture if the car using central heating. The dew may cause DVD player can't work properly. So please stop the unit about 1 hour to make the unit clean and dry, if you find the fault like that. And clean the moisture on the disk with soft cloth. The DVD may be disrupted if the car running on a bumpy road.

➤ DVD disk

Regarding some disks, maybe can not use the some special function. Maybe can't play some disks.

➤ DVD digital multi-functional disk

(also known as "Digital Versatile Disc" or "Digital Video Disc") is a popular optical disc storage media format. Its main uses are video and data storage. Most DVDs are of the same dimensions as compact discs (CDs) but store more than six times as much data.

➤ DVD Menu

DVD can show couple of titles, the title menu. Besides, DVD title menu can make some kinds of items shown, the sub-menu came out during the playing, the Dolby Digital and PCM audio, caption, language changed according to the software. While the unit play DVD-R/DVD-RW discs , it only play video format (under video mode), not play the PC files. DVD-R/DVD-RW disks recorded may not play properly due to the property of disk, scratches or dirt on disks or dew on the lens of unit. Disk recorded on personal PC maybe not worked properly, it depends on the setup and environment of the application format, therefore please use a proper format of recording.



➤ CD-R/CD-RW Disk

The DVD player only play completed CD-R/CD-RW Disk. CD disks recorded on personal PC recorded may not play properly due to the property of disk, scratches or dirt on disks or dew on the lens of unit. Disk recorded on personal PC maybe not worked properly, it depends on the setup and environment of the application format, therefore please use a proper format of recording.

CD-R/CD-RW maybe not worked properly under direct sunlight or being in high temperature storage place in the car. The DVD player can not be worked properly with Recorded CD-R/CD-RW Disk's title and information data. (under Audio data CD-DA) You will wait a little long time for CD-RW Disk comparing to traditional CD or CD-R. Please look at the notice before using CD-R/CD-RW notice. MP3 Files (CD-ROM)

➤ MP3 Files (CD-ROM)

MP3 is a kind of audio compact method, which should be brought into Audio level 3 in the MPEG standard. The audio compact method has already been in the depth of personal computers as a standard mode. MP3 can compact original audio data to 10% of its initial size and to keep the voice in high quality. This means that about 10 Track CDs can be recorded on a CD-R disk or CD-RW disk. In this case, there is no need to constantly change CD disks for playing for a long time. This player allows the playing of MP3 files on CD-ROM, CD-R and CD-RW disks as well as the content of any disks compatible with ISO9660 Levels 1 and 2 and ROMEO and JOLOEY file system. It can play the disks recorded compatible in multiple sections. MP3 files are incompatible with the transmission of data written in groups. The maximum number of characters that can be displayed as names of files is 32 characters (calculated from the first character). The maximum number that can be displayed as the name of a folder is 32 characters. If a file is recorded in the ROMEO and JOLIET file system, it can display 32 characters only. When a disk with Mp3 files and audio data (CD-DA), for example, CD-EXTRA and MIXED-MODE CD, they can switch between MPEG and CD-DA to play these two types of discs. The selection sequence of playing and other folders being operated will become the writing order used by writing software.



Therefore, the sequence expected by the playing time can't be in conflict with the actual playing. However, some software permits the setup of playing sequence.

⚠ Notice: When one MP3 file is named, please add the corresponding file extension name (MP3). This player will play the files with the extension name (.MP3) as Mp3 files. To prevent noise and failure, please do not use such an extension name for non-MP3 files.



Panel buttons features

➤ [▲ DVD eject button]

When the power is off, press this button to turn on the unit and the system will enter in DVD interface ; when the power is on with DVD disk. short press this button for eject DVD disk.

➤ [BAND]

When the power is off, press this button to enter the last memory interface; when powered on, in the non-radio status, short press this button to entering radio interface; short press this button to switch between FM and AM.

[MUTE]



Short press this button to switch between mute and non-mute.

[SRC]



When power off , the system will be power on by pressing this button; when powered on, short press this button to entering main menu; when powered on, the system will be power off by long pressing this button.

[Volume adjust button/ knob VOL + -]



Button : when power on, short press this button, the volume will be augment or minish corresponding ; the volume will be augment or minish gradually by long pressing VOL+ or VOL -.

Knob: when power off , the system will be power on by short pressing this knob ; when powered on, revolving this knob to right side to increase the volume revolving to left side to decrease the volume; short press this button to be " mute "; the system will be power off by long pressing this knob.

⚠ Note: In some models this knob is used for volume adjust button, some is used for volume adjust knob, some models with full touch screen that haven't the button and knob, **it is based on the model you purchased.**



➤ [SEEK]

Left revolved this knob for previous track or station, right revolved this knob for next track or station.

⚠ Note: Some models is without the knob, it is based on the model what you purchased.

➤ [NAVI]

When power off ,press this button to enter NAVI interface; when powered on, in the non-GPS interface, short press this button to entering GPS interface ; if haven't insert the GPS card, this button is no effect.

➤ [DVD]

When power off ,press this button to enter in the last memory interface; when powered on, in the non-DVD interface, short press this button to playing DVD.

➤ [Receive button 📶]

When power off ,press this button to enter Bluetooth interface; in the Bluetooth interface, if your mobile phone match with the player, press this button to answer the incoming call; in the non-bluetooth interface, short press this button to back to Bluetooth interface.

➤ [Hang up button 📞]

When power off ,press this button to enter Bluetooth interface; in the Bluetooth interface, if your mobile phone match with the player, press this button to hang up. In the non-bluetooth interface, short press this button to back to Bluetooth interface.



➤ [System reset]

The system will be reverted to the factory setting by apiculus objects to press the small hole

➤ [PWR]

When the player is off , the player will be power on by long pressing this button; when powered on, the player will be power off by long pressing this button.

⚠ Note: Kindly note that some models is without this button, it is based on the different models you purchased.

➤ [Display angle minish button]

Press the button for minish the display angle, this button is no available with the fixed panel models.

➤ [Display angle augment button]

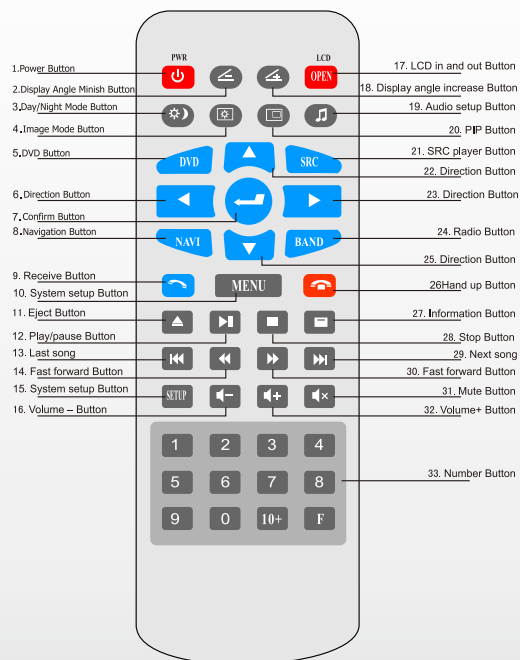
Press the button for augment the display angle, this button is no available with the fixed panel models.

➤ [LCD in and out button]

Press the button to control the LCD contraction. This button is only available for the one din universal model.



Description of Buttons on Remote Control



- 1、【Power button】 When the player is off , the player will be power on by pressing this button; when powered on, the player will be power off by pressing this button.
- 2、【Display angle minish button】 this button is no available with the fixed panel models.
- 3、【day/night mode button】 short press this button to switch day mode and the night mode.
- 4、【image mode button】 short press this button for different images mode setup , brightness, contrast, hue from 0-40.



- 5、【DVD button】 short press this button to login the DVD player.
- 6、【direction button to left】
- 7、【confirm button】
- 8、【navigation button】 short press this button to enter GPS interface .
- 9、【receive button】 after the player matched with your mobile phone, press this button to answer an incoming call.
- 10、【system setup button】 press this button to enter system setup interface.
- 11、【eject button】 the disk come out after press this button.
- 12、【play/pause button】 when you inserted a disk, press this button to playing , when the player is playing, press this button to pause playing; when the player on paused and stopped status, press this button to playing.
- 13、【last song】 press this button to repeat play the previous song or the previous video.
- 14、【fast forward button】 press this button for fast forward playing.
- 15、【system setup button】 short press this button to enter in the DVD setup interfaces.
- 16、【volume – button】 short press this button to decrease volume.
- 17、【LCD in and out button】 just useful for one din universal.
- 18、【display angle increase button】 the button is no effect for the fixed panel models.
- 19、【audio setup button】 short press for individuated audio setup .
- 20、【PIP button】 short press this button to enter the PIP interfaces.
- 21、【src player button】 short press this button for the main menu.
- 22、【direction button】 up.
- 23、【direction button】 right.



24、【radio button】when power off , the system will be power on and entering radio interface by pressing this button; when powered on, in the non-radio interface, short press this button to enter radio interface; in the radio interface, short press this button to switch between FM1,FM2,FM3 and AM.

25、【direction button】down.

26、【hand up button】when power off , the system will be power on and entering Bluetooth interface by pressing this button; in the Bluetooth interface, if your mobile phone matched with the player, press this button to hang up.

27、【information button】short press this button to display the information like the title and sequence number of segment about the playing program.

28、【stop button】press this button to stop playing.

29、【next song】press this button to playing next song or next video.

30、【fast forward button】press this button for fast forward playing.

31、【mute button】short press this button for switch mute or non-mute.

32、【volume+ button】short press this button to augment volume.

33、【number button】number from 0-10.




Turn on/ off the host

Starting up

If the player power off by pulled out the car key last time, when you insert the car key again, the player will be power on automatically. If the player power off by pressing the PWR button, the player will be power on again by short press the PWR button.

Power off

The system will be power off by pull out the car key. The system will be power off by long pressing this button. (depend on the different model) or power off by touch"  "this icon on the main menu.

Main menu

1) When powered on , the system will enter the radio function by default, touch "main menu" icon on the top-left corner of the screen. Or press the SRC button on the panel or on the remote control to entering main menu as (picture- 07):



(picture- 07)

2) There are seven functions menu icons on the main menu. Touch the icons to entering the corresponding menu functions.

3) There are two sub menus on the media interface. In the media interface1 have five functions: TV, audio player, iPod, DVD video player. In the media interface 2 also have five functions: V-CDC, AUX1, video, AUX2 and image browsing.


3) There are two sub menus on the tool interface, in the tool interface1 have five functions: DVR, file management, calculation, GPS monitor, in the tool interface2 also have five functions: game, operating instruction, world clock and system information.

⚠ Note:that the system environment of navigation is complex, maybe will be appear errors or doesn't work normally(like couldn't enter into the map or GPS haven't image) by the outside big electromagnetic interference. Restart GPS



Radio function operation

➤ Enter/exit

Touch the “” icon on the main menu to enter radio menu, as (picture-08):

Touch the “main menu” icon to exit the radio menu.




(picture-08)




➤ Keyboard functions operating

The keyboard function including remote search, manual search, auto search, RDS setup, stereo function.







➤ Auto search

Touch the “” icon to enter auto search, at the same time can be stored when keeping on auto search. If want to stop the search, touch the icon again.

➤ All a manual search


Touch “” or “” icons enter low frequency band /high frequency band auto search. clicks to start searching, another click to stop the search. Or click “” to enter in low frequency band/high frequency band , after receive the radio station will be stopped the search.

➤ Remote automatic/ semi automatic search



- 1) Touch “” the icon to enter remote automatic or half auto search .
- 2) remote automatic search : touch “” the icon , then click “” the icon to choose remote automatic search , in automatic search process can be saved automatic.
- 3) Remote manual search: touch “” the icon, then click “” or “” icons to enter high and low frequency band remote manual search. Click to start searching, another click to stop the search . after receive the radio station will be stopped the search.

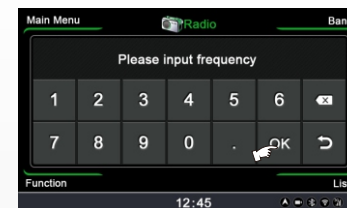


➤ Input frequency band

1) Touch “” icon, that's the display area will show the numeric keyboard. Input the frequency band . as(picture-09):

2) Touch characters on the numeric keyboard, click “ok” to confirm after input the exact frequency , back to the radio interface .



3) “” means back to the radio interface . “” means gradually to delete the wrong characters.



(picture-09)

➤ Playlist

1) In the searching process, after received the radio stations, those will be saved in the list automatic. Click the list icon, to choose the radio station you would like.as(picture-10):

2) Touch “” the icon to choose the previous page, Touch “” the icon to choose the next page, or slide the screen blank area up and down to finish search.



(picture-10)

➤ Band Selection

Touch the “Band” icon, you can switch from FM(MHZ) to AM(KNZ),as(picture-11):

FM band: you can store 100 stations.

AM band: you can store 12 stations.



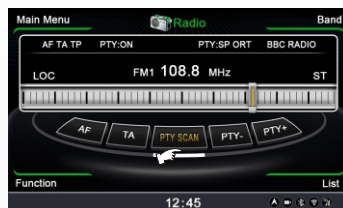
(picture-11)



➤ RDS

1) RDS is a special radio system developed by BBC, which only could be used in Europe area.

2) Press "RDS" icon into the RDS interface, as (picture-12):



(picture-12)

As for RDS operation, please refer to the Europe instruction for RDS.

Bluetooth Hands-free communication function operation

1) The system supports with BT hands-free communication function. If your mobile phone equips with BT function, you can set up link the point to point with the system, dialing, answering phone, as well as playing music and other functions on the screen.

2) Since there are various brands of mobile phone, their BT module is different from each other. So when it comes to the practical use, some of the functions might be different, even some of them might not compatible with our unit, please forgive for this.

➤ Enter/Exit

On main interface, press "BT" icon into BT interface, as (picture-13):

Press SRC icon to exit BT interface.



(picture-13)

➤ Pairing and Link

1) Before using the BT hands-free communication function, please pair and link it with your mobile phone first. Press SETUP into BT setup interface as (picture 14、 picture 15):



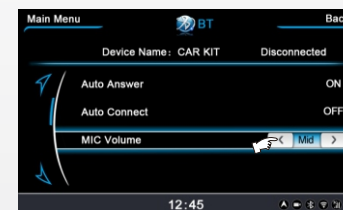
2) Press "BT" icon or slip on the screen to turn the page.

3) Press "ON" icon to turn on the BT function and meantime turn on BT function of your mobile phone. Press "Link" icon, then the unit will search automatically. When the system is linked to the phone signal, your mobile shows on the screen. Link it and input the PIN code. After successful match and link, an icon like "BT" will shown on the bottom right of screen.



(picture-14))

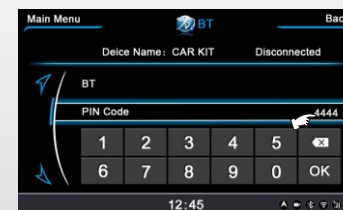
4) Press PIN code icon into the setup of PIN code interface, input the number you want, press on the back icon to exit and back, as (picture-16):



(picture-15))

Disconnect Unlink with the phone.

Auto Answer After the first pairing and link, when the unit power on again, it will link with your phone automatically. Sometimes, the link is off, seconds later it will link again automatically.



(picture-16)

Auto Connect When call comes in, after 3 rings, it will answer automatically.

MIC Volume You can set the answer volume to be high, medium and low level.

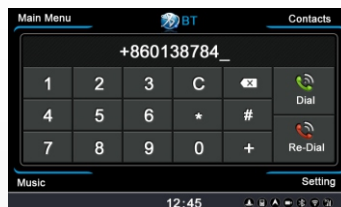
➤ Make call

1) You can dial through your phone or by on-screen buttons. as (picture-17):



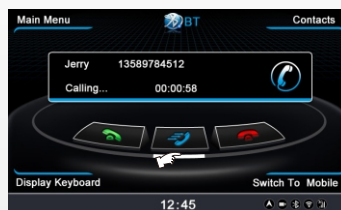
2) Input the phone numbers by on-screen buttons, when you input the wrong number, click "OK" icon to delete all or "X" icon to delete one by one. Press "☎" icon to dial, press "↺" to redial.

3) After inputting the number, press "☎" to dial.as (picture-18):



(picture-17)

4) During call process, press "Switch To Mobile" icon, voice can switch freely between the mobile phone and car speakers.



(picture-18)

➤ Answer

1) When an external telephone is incoming, in any mode, the system will automatically switch to BT hands-free interface automatically, and mute the original sound to play incoming ring tone. "☎" is the answer key, "☎" is the denial key, "☎" is the multi party call key. If answering mode set to "automatic", when call in, after 3 rings, the system will answer it automatically. The incoming phone number will be displayed on the screen.as (Picture -18):



(picture-19)

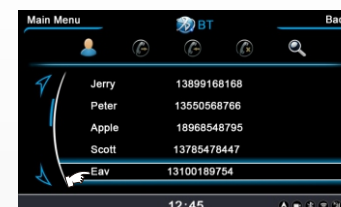
2) When you are on the call, another call in, press "☎" icon to answer the second call and the first call will be hang-up. Press "☎" icon to answer the second call and the first one will standby. Press "☎" icon, it can switch between the first call and the second call freely. Press "☎" icon to denial the second call.



➤ Phone Book

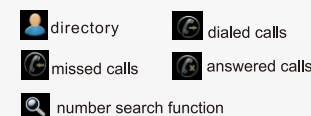
1) The phone book function includes numbering directory, dialed calls, missed calls, answered calls and number search function.as(picture-20):

2) Press "☎" "☎" icon or slip on the screen to turn the page.



(picture-20)

3) In the phone book, you can directly dial through clicking on the number in numbering directory, dialed calls, missed calls, answered calls and number searching column.



➤ Number search

Press "☎" icon into number search interface, as(picture- 21):

1) Letter search

In alphabet keyboard, you can search the number by inputting the first and the second, and so on, letter of the name. Click on the number to dial.

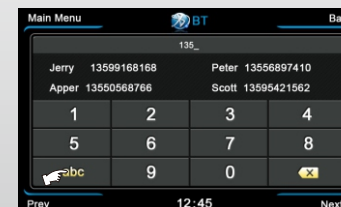


(picture-21)

2) Number search

Input the first and second, and so on, number of the number you want, then click on it to dial.as(picture-20):

3) Press "☎" "☎" icon or slip on the screen to turn the page. You can press the "X" icon to delete the wrong number one by one. Press "abc" "123" icon to switch freely between the alphabet key board and number key board.

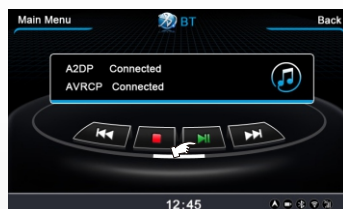


(picture-22)



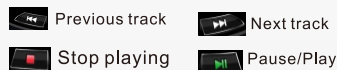
➤ Bluetooth music play

1) If your phone equips with BT music play function, the music stored in your phone can be transferred to the unit's system and played by the system. Press "Music" icon into music play interface.



(picture-23)

2) After the pairing, turn on the stereo connection of the phone and meantime turn on the music play of the phone. Then the audio of the phone will transfer to Car DVD speaker system.



Notice: Only if the phone equips with the stereo connection or Remote control function, the music play function can be realized. Besides, this function only can be operated when it comes to the BT music play interface.

Internet Explorer function operation

Before enter into the Internet function, please connect with network equipment first(the operation of internet setup, please refer to Setup interface operation). If it's successfully connected, an icon like "📶" "🌐" "📶" will be shown on the bottom right of the screen.



(picture-24)

➤ Enter/Exit

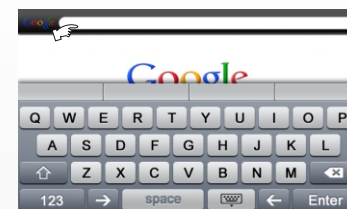
In main interface, press "📶" icon into Explorer interface.

➤ Web browser operation

1) Touch the screen, the input field will be out. Input the website you want to visit through alphabet keyboard.



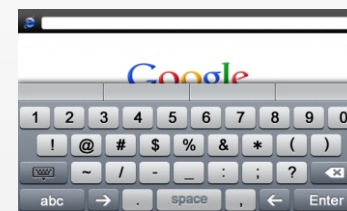
2) Press "123", "abc" icon to switch freely between alphabet keyboard and number keyboard; press "←", "→" icon to insert the characters from right/left; "space" icon is the space key; press "📶" icon could hide the keyboard; press "✖" icon to delete the word or number one by one; "📶" icon is Upper and lower case letters switching; "Enter" icon is the enter key.



(picture-25)

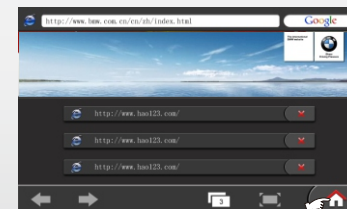
➤ Web interface function operation

Open the website as (picture-27): press "🏠" icon to exit back to the home page; press "←", "→" icon to advance or back on the browsing history;



(picture-26)

Press "📶" icon to make the play full screen; press "📶" icon to display the list of 3 latest visited websites and press it to open the website, press "✖" icon to close the website.



(图-27)



POP function operation

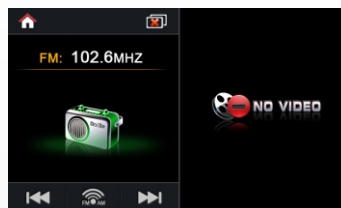
POP function can help you to enjoy the drive and the entertainment at the same time. The TFT screen can show 3 pcs of pictures spontaneously. It has two modes: one is interface and video divided on the screen (Radio, BT, IPOD, MP3, CD and Visual Disc); the other one is video and video divided on the screen.

Notice: Only the video of left screen's sound will be displayed from speaker, the right screen will only display the video, no sound. It can be divided into 3 parts/ screens.





➤ Enter/ Exit

1) In main interface, press “” icon into POP interface, the system will display the last operation interface automatically. For example, during the Radio process, exit from it and press “” icon into POP of radio interface as (picture- 28):




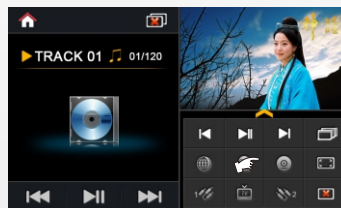
(picture- 28)

2) Press “” icon to exit and back to radio interface, press “” icon into main menu interface.

➤ POP function of Interface and video

For example:POP of CD interface

1) Firstly enter into th CD play interface, then back to the main menu interface, press “” icon into POP of CD interface. Touch the right blank part of the screen, the function board will display on the screen as (picture-29):




(picture-29)

2) The right part of screen can display GPS , DVD, Camera, AUX , TV , Video. Otherwise, you can divide the three screen to display all of these.

➤ POP function of video and video

For example:POP of DVD display

1) Enter into the DVD interface first, then back to the main menu interface. press “” icon into POP of DVD display. Touch the right blank part of the screen, the function board will display on the screen as (picture-30):


















(picture-30)



2) The right part of screen can display GPS, DVD, Camera, AUX , TV, Video. Otherwise, you can divide the three screen to display all of these.

⚠ Notice: Touch any part of the screen, the relative operation board will be displayed on the screen, click on it again, it will disappear/hide.


➤ Feature icon instruction

	Previous track		Pause/Play		Next track		Band selection
	Screen divided into 2		Screen divided into 3		Full screen		back to home page
	AUX1		AUX2		Video player		DVD player
	Camera		TV		GPS		

GPS function operation

⚠ Notice: Only if it's with GPS module, the function can work.

➤ Enter/Exit

In main interface, press “” icon into GPS interface. During the GPS mode, press GPS button to exit and back to other mode.

⚠ Notice: During the GPS mode, only the GPS function can be realized on the screen. If you want to operate other functions, please exit from the GPS mode first.

➤ GPS auditory and visual function

During the radio/AV/DVD/TV process, Switch it into GPS mode, when there is no voice tips, you can enjoy the video and music as usual. But when it comes to the navigation tips, the system will switch to the GPS map automatically. (Details refer to the general set up from the SETUP in main interface)

➤ GPS music function

During the radio/AV/DVD/TV process, switch it into GPS mode, the music will be played normally when there is no voice tips. But on the other way, it will switch to the GPS voice automatically.



➤ Volume adjustment

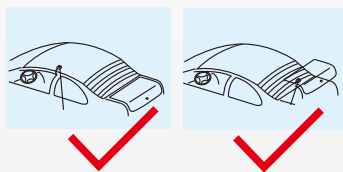
During the GPS mode, when there is music, you adjust the volume which is for the whole system. When there is GPS voice, adjusting the volume is only for the GPS system.

➤ Function operation

The system is with handwriting input to search the destination function.

➤ Notes before GPS operation

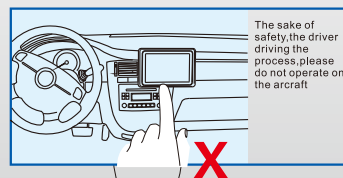
1. Please ensure that the right connection of the satellite antenna. Few minutes after the unit's on, the system will receive the satellite signal, update internal information and enter into the normal working condition.



(picture-31)

2. Please make sure that the vehicle is not in the position where easily effect the signal receives such as under the bridge, in the tunnel or near the high buildings.as(picture-31)

3. Driver should set up all the necessary steps before driving or ask the passenger to operate these functions. Safety operation is the primary issue to guarantee the safety of the driver and passengers.



(picture-32)

4. This product can be easily operated by touch screen or remote control; details of operation are decided by the multimedia entertainment unit. as(picture-32):



➤ Map instruction

With the quick development of the traffic roads and construction and frequent changes of the traffic management information and equipment, the GPS map company will keep updating their map. Please pay attention to the update of the map. The guiding routes may be different from the live traffic situation; please drive according to the live road status, traffic controls and rules.

➤ Instructions for use

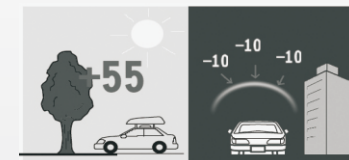
1. GPS

Due to the frequent change of the road status, the guiding routes are only for drivers' reference. If you are in the familiar area, its better to choose the routes by yourself rather than the routes offered by system.



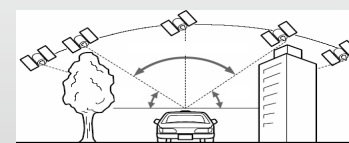
2. Temperature

The normal working temperature is from -10°C to $+55^{\circ}\text{C}$, if it's beyond the range, the unit can't work normally. If this, please use the unit when the temperature is within the range.



3. Anti-shock

This product is designed with anti-shock function. Usually the unit will not affected by the shake of the car when on a normal drive. In order to make sure the unit working normal for a long time, please don't turn it on when it's on bad driving situation.



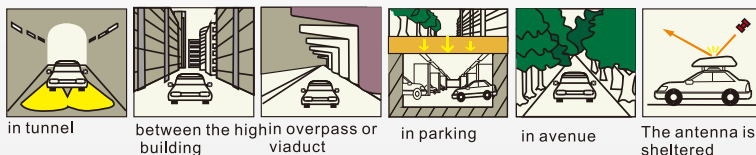
4. Satellite signal receiving

The system can receive signals from 8 satellites. Usually, if receive 3 or 4 satellite signals, the navigation system will calculate the correct position of vehicle. But sometimes the bad weather and high buildings will affect the signal receiving.



5.About error

When the satellite signal reception is normal, the standard satellite positioning system error is about 7 meters. Driving on parallel sections, even though through the auto-correct feature of this product maybe appear the deviation. May be the actual driving road is not completely consistent with the map location of the vehicle identification, and even maybe display the vehicle in the equality of the road which close to the real driving roads. The following environment will affect the normal reception of satellite signals and result the error.



➤ Navigation setting

The detailed operation of setting the navigation, please refer to the "Navigation path" operation in the main interface of the "setting" interface.

Note: When navigating, bottom of the screen will appear this "▲" in the same time.

Media

➤ Enter/Exit

Touch in the main menu "Media" icon to enter the media interface, the media interface is divided into two sub- interface. Touch Media Interface "1"、"2" icon or paddling media interface blank area, can convert this two sub-interface.

Touch "Exit" or "main menu" icon can return to main interface and can operate another function immediately.

➤ Media interface 1

In the first media interface, have 5 function keys. Touches each function icon can enter into operate relevant function. Such as (picture-33):



(picture-33)



➤ Media interface 2

In the second media interface, have 5 function keys. Touches each function icon can enter into operate relevant function. Such as (picture-34):



(picture-34)

TV function operation

When the host built - in TV module or plug- TV box, the operation can be effective.

This DVD support CMMB, DVB digital TV, analog TV, support digital TV program search; achieve the digital TV broadcast; achieve the program switching; achieve the electronic program guide function; achieve subtitle function; put the audio input cable connect to the AUX, DTV audio input jack.

Digital TV playback function operation

In the state of receiving signal, enter into "setting" interface, select "General Setting", click "factory setting", select "open" and enter the password (1234), click on the TV module "DVB" to return (the Detailed operation please refer to the "Settings" interface). In the first media interface touch the "TV" icon to enter into the playback interface in the digital TV function. Such as (picture-35):

➤ The direction keyboard of digital TV menu setting entry / exit

Touch the "direction keyboard" icon, enter into direction keyboard function interface in the TV interface, touch the "menu" icon will display menu setting, touch again "menu" or click "exit" icon to exit the menu setting. Such as (figure-35):



(picture-35)



➤ The direction of the digital TV keyboard menu setup instructions

- 1) Menu settings contain installation, system, channel list, the parameter selection four settings. Specific setting operation please see "menu "on the screen.
- 2) Installation: The installation setting contains the address selection, automatic search, manual search and restores the default feature setting.
- 3) System: system setup includes system status, signal detection function setting.
- 4) Channel list: Channel list setting contains information about editing channels, favorite channel function setting.
- 5) Parameter selection: parameter selection setting contains the language settings, AV control, and other settings, other settings can be set to display time on the screen, transparency and color.

⚠ Note: All of the above settings refer to the instructions on the screen.

➤ Installation

Click "menu" key, touch " " key to select "installation" icon, selected icon will display larger highlight, such as (picture-36), click "ok" key enter into installation menu.



(picture-36)

Under the installation menu, can be set the selecting region, automatically search, manual search and restore the default. Such as (picture-37):



(picture-37)

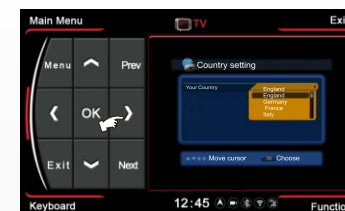


➤ Select Region

In the installation interface, set the national regional, the default country is the United Kingdom.

In the installation menu, click " " key select the " select region" icon.

Click the " " or " " key, select the country you want, click "ok" key, such as (picture-38):



(picture-38)

➤ Automatically search

Touch "function" icon, click "search" key, can enter into the automatic search state or in the installation menu, select "Auto Search" icon to enter the state of the automatic search, while automatic search process will be automatically stored, such as (picture -39):



(picture-39)

In automatic searching, the progress indicator will search the progress marked in the search. In searching, if press "OK" operation will pause, press " " or " " key to select save, exit, delete.

If the search operation is completed, there is no channel information, press "Exit" key, need to reset the parameter search, when automatic search is completed, will automatically display the search program to the left program list, please select save and exit the interface.

➤ Manual search

In the Installation interface, select the "Manual Search" icon to enter the state of manual search; manual search process will be automatically stored at the same time, such as (picture-40):



(picture-40)

If the search operation is successful, the channel does not exist, press the "OK" key and re-set the parameter search.



➤ Restore the default function

Under the installation interface, select "Restore Default" icon, click "OK" key, such as (picture-41)

Press "◀" or "▶" key to select "yes" or "no" icon, press "yes" key to confirm restore the factory settings, "no" means cancel the current operation.

When restore the default interface, all your data will be deleted.

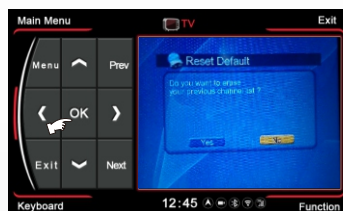
➤ System

Click on the "menu" key, click "▶" key to select "System" icon, the selected icon will display larger highlighted (picture -42), and click "OK" key to enter the system menu.

In the System menu, you can check system status, signal detection, such as (picture -43):

➤ System status

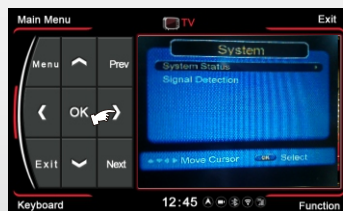
Under the system menu, click the "▶" key to select "System Status" icon, click "OK" key, such as (Figure-44):



(picture-41)



(picture-42)



(picture-43)



(picture-44)



➤ Signal detection

Under the system menu, click "▶" key to select "signal detection" icon, click "OK" button, such as (picture -45):



(picture -45)

➤ Channel list

Under the channel list menu, can edit channels and set favorite channels, click on the "▶" key to select the "channel list" icon, then click the "OK" key, such as (picture -46):



(picture -46)

➤ Edit channel

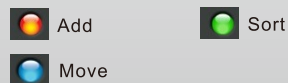
Under the channel list menu, click "▶" key to select "Edit Channel" icon, click "OK" key, such as (picture-47).



(picture -47)





➤ Favorite channel

Under the channel list menu, click "▶" key to select "favorite channel" icon, click "OK" key, such as (picture-48):



(picture-48)



When you have added some channels to the favorite channel list, exit the menu mode, press the "OK" key, click " " or " " key to switch the TV or the list of favorite channels, in the favorite program and TV channels list, click " " or " " key, press the "OK" key to switch. Such as (picture-49):




(picture-49)

➤ Parameter setting

Under the menu, select "parameter setting" icon, parameter contains language settings, AV control, and other settings, and other settings can be set the screen time, transparency, color settings, the system default menu language is English.





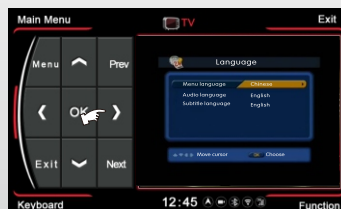
(picture-50)

Click on the "menu" key, the selected icon will display larger highlighted (picture -50), click " "key to select "parameter settings" icon, click the "OK" key to enter the parameter setting menu.

➤ Language setting

1. Under the language menu, have menu language, audio language, subtitle language setting.

2. click " " or " "key to select the setting content, click "OK" key to complete the language settings. Such as (picture -51):





(picture -51)

➤ A/V control

1. A/V control has the audio output, screen ratio, display format these settings.





2. Press " " or " "key to select the content you need to set up, click "OK" to complete the setting. Such as (picture-52):



(picture-52)

➤ Other Setting



1. Other setting has the time display, menu transparency and colors these settings.

2. Press " " or " "key to select the content you need to set up, click "OK" to complete the setting, such as (picture-53):



(picture-53)

➤ Volume Control

The direction key, " " key is to increase the volume, " "key is to decrease the volume.

➤ Switch Channel

Touch "keyboard" icon enters into the numeric keyboard and switch programs, such as (picture-54):

Touch "Exit" icon to return to the main menu interface.

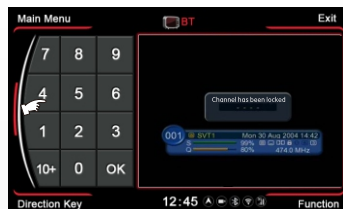
Touch the number on the numeric keyboard, click "OK" button; you can switch to your favorite channel. Through the program also can change the channel.



(picture-54)



There will be a black background to enter a password in the locked channel, only need to enter the password (the default password "0000"), you can view the channel programs normally, such as (picture-55):



(picture-55)

➤ Program Report

When you need to watch the program information, select "information" button in the function keyboard, can display the current channel number, name, time, signal intensity, signal quality, as well as the recent program reports of current channel, such as (picture-56):



(picture-56)

Touch the "information" button again can hide the information interface.

➤ Electronic Program Guide

Click "EPG" key to display the electronic program guide, displays each program channel, date and time. (picture -57):

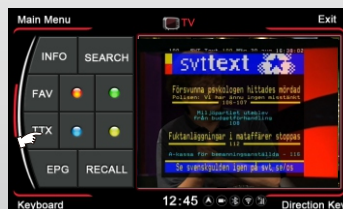


(picture-57)

Click " "key in the functions keyboard to switch the channel, date, program list window;

In the program list window to click " " or " " key to choose the next or prev program information;

In the channel list window, choose another channel click " " or " "button.



(picture-58)



Choose your favorite program press the "OK" button to confirm and you can view the selecting program normally.

Click the "information" button to check the detailed information of the current program.

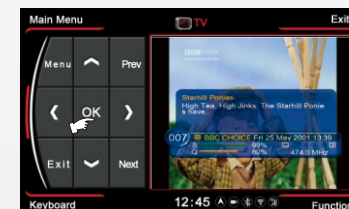
➤ Tele text

Click "TTX" key to display the teletext, the channel, date and time and channel information of the teletext program, such as (picture-58):

Click "TTX" key again to exit the teletext.

➤ TV / Radio switch

When in the state of digital TV, press "OK" button, you can see the list of TV channels, press "OK" button to switch to radio mode, then press the TV / R in this state, can switch between the TV or RADIO mode .such as (picture-59):



(picture-59)

Analog television broadcast function operation

In the state of having the signal, enter the "Settings" interface, select "General Settings", click the "factory model" to select "Open", enter the open password (1234), click the TV module "Analog" to return (Details please refer to "Setting" interface operation). In the first media interface, touch " " icon to enter the analog TV function player interface (Figure -60):

Touch "Exit" icon to exit the analog TV interface.



(picture-60)



➤ Analog TV automatic station search

1) Touch the "Search" icon to enter the state of the automatic search, automatic searching process will be automatically stored, such as (picture -61):



(picture -61)

2) In the channel searching process, the screen will display the TV searching information and the frequency of the searching channel.

3) Touch other functions on the screen can exit the search.

➤ Analog TV Broadcast

Touch "prev program"/"next program" icon watch the program. Such as (picture-62):



(picture-62)

➤ Analog TV set up

Touch "Setting" icon enters into the analog TV setting interface, such as (picture-63):



(picture-63)

Touch " " icon to adjust image mode and the audio mode. Click "Exit" to exit the analog TV set.

Note: The video and the EQ settings refer to the "video setting and sound setting" of the setting interface.

Audio player function operation

This function can play audio files (MP3/WMA) in the hard disk, USB, SD card and other connected devices.



➤ Enter/ Exit

In the first media interface, touch " " icon enter into the audio player interface, such as (picture-64):



(picture-64)

Touch "Exit" icon to exit the audio player interface, but the background continues to implement the playback function, touch other functions again to exit the audio player.

➤ Selections Play

1) Touch the " " icon can enter into the selections play, such as (picture-65):



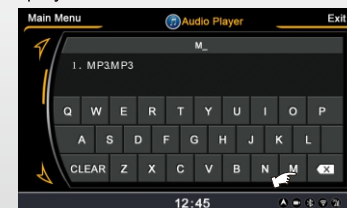
(图-65)

2) Touch "Exit" icon to exit the audio player interface, background continue to implement the playback function, touch the other function again to exit the player.

3) Touch " " / " " icon to flip up and down, or paddling the screen area to select the song you like, other touch function and the player interface are the same operation. Touch " " again back to the audio player interface.

➤ Song search

1) Touch the " " icon enter into song searching interface, such as (picture-66):



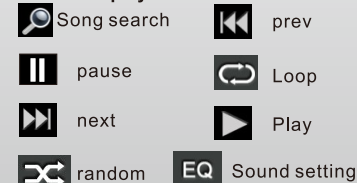
(图-66)

2) Touch "Exit" icon return to the audio player interface.

3) Touch English Letter key in the panel area, input the first letter + second letter of the file name, and touch the " " icon to page up, touch the " " icon to page down, directly click the searching song name to play. In the input panel,

" " icon to gradually delete, "CLEAR" icon to all delete.

➤ Audio player function definition





▶ Ipod features operation

When connect the Ipod to the unit, it will play the audio, video which contain in the Ipod.

▶ Enter/Exit

1) When in the media menu 1, touch " " this icon and enter the Ipod menu, as the (picture-67):

2) Touch the "back" icon, then will come back the media menu 1, but it continue implementing the play function, when you touch other function icon, then will exit the Ipod function.

▶ iPod main menu operation

1) Touch the "Menu" icon when in the Ipod menu, it will come to the Ipod list menu, as the (picture-68):

2) Touch the " "、" " icon to come to Previous Page or next page, or you can go through the screen vertically and to select the song you need and press it, then will play the song. Touch the "Menu" icon again, then will come back to the playing interface.

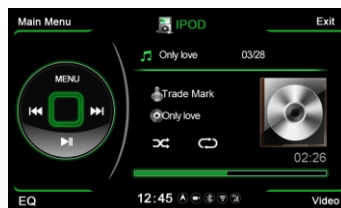
▶ Definition of Ipod function

MENU come back to the main menu **⏮** previous **⏭** next **⏸** play/pause

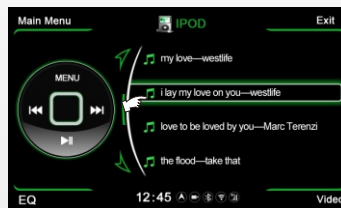
Video play the video **◻** display the playing information

EQ sound effect setting (please consult the "setting" which in the main menu, then you will know how to set the sound effect).

⚠ Note: the Ipod can't play the video.



(picture-67)



(picture-68)

▶ DVD features operation

This unit support DVD/VCD/CD/MP3 /MP4/JPG/CD-R formats and so on.



(picture 69)

▶ Enter/Exit

1) When in the media menu 1, and touch the " " icon, the screen will show the DVD starting LOGO, and it will enter the DVD playing menu several seconds later, as the (picture 69 and 70):

2) Touch the "main menu", exit the DVD menu and come back to the main menu.



(picture -70)

▶ eject/insert the disc

1) In the DVD menu, when the screen show the "Open" letter, please put the disc in to the DVD entrance, when the unit detected there is a disc there, it will suck in and play the disc automatically.

2) When there is disc inside the DVD, press the "▲" button, then the unit will eject the disc.

3) If you don't take away the disc in 15 seconds afrom the unit after eject the disc, the unit will suck the disc in and play it again.

▶ Control key board

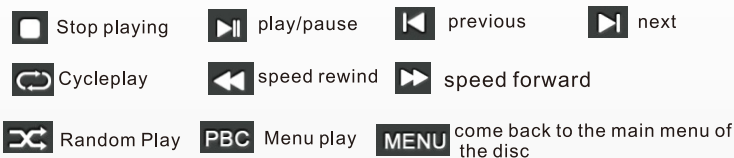
When enter the DVD playing interface, the unit will display the control key board automatically, as the (picture 71):



(picture-71)



➤ Definition of the control key board



! Note: when in the radio/AV/TV/Ipod playing interface, the unit can play the disc and turn to the DVD interface automatically after insert the disc. When in the navigation interface and insert the disc, the unit will play the disc directly but can't turn to the DVD interface, just can listen the music from the DVD.

➤ The numeric keypad

- 1) Touch the numeric keypad icon on the screen, as the (picture-72):
- 2) Popup the numeric keypad, you can select the track by clicking the number on the numeric keypad, then click "Ok", the unit will play at once or several seconds later automatically, and the numeric keypad will hide itself several seconds later, and will show on the screen when you touch the interface again.
- 3) When play the DVD/VCD/CD, if you want to play the track which upon the No. 10, you can press the "10+" then press the units digit; if select the No. 58 tracks, press the "5" first then press the "8", then press the "Ok", it will work.

➤ The directional pad

Touch "the directional pad" icon on the screen, as the (picture -73):



(picture-72)



(picture-73)



➤ function definition of the directional pad



OK "ok" confirmed, when touch the "previous track" and press the "ok", then will change to the track which you need and play it automatically.

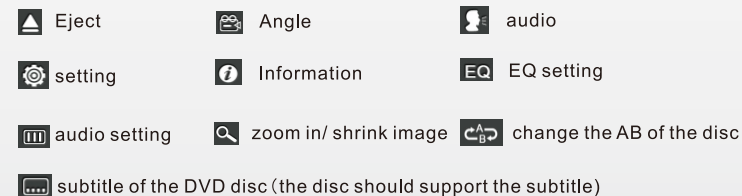
➤ function keypad

Touch the "function keypad" icon on the screen, as the (picture- 74):



(picture-74)

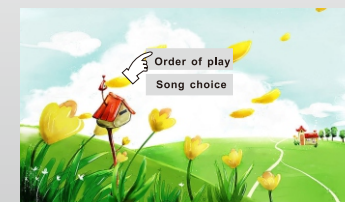
➤ function definition of the directional pad



! Note: it can show or hide the control icon by touching anywhere of the image on the screen, or it will show the full screen after several seconds.

➤ play the DVD disc

When there is one DVD disc inside the unit and the disc don't have the play menu, the unit will play the disc automatically; when the disc have the play menu, click the menu icon, then will play the disc. As the (picture-75):



(picture -75)



If you want to select the track you want to listen, you can touch the song name and play this song. If the disc support the subtitle, then the unit will show the subtitle information on the screen, as the (picture -76):



(picture -76)

During the playing, you can change the playing by controlling the touch menu, please check the function definition of the touch menu.

Note: the operation of the VCD/MP4 just the same as the DVD. but there is little different in the playing, when playing the MP4, it will display the image. There are many different format for the MP4 disc, such as the XVID, AVI, DIVX RM, if some of the disc can't play deal to the format, it is normal phenomenon, the playing interface just the same as the DVD playing interface.

Play the CD disc

When there is one VCD disc inside the unit and the disc don't have the play menu, the unit will play the disc automatically; when the disc have the play menu, click the menu icon, then will play the disc. As the (picture -77):



(picture-77)

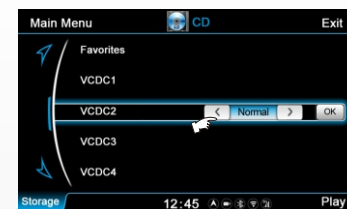
operation of the function keypad

- 1) Touch the track you need, then it will be played directly, touch the "⏮" and "⏭" icon or go through the screen by your finger, then you can brown the tracks.
- 2) During the playing, you can control the playing by operating the touch screen, please check the definition of the touch function in the DVD playing.



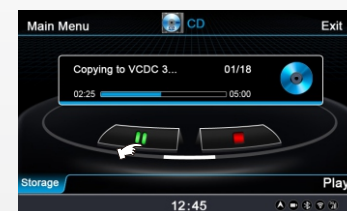
CD memory

- 1) You can touch the "storage" icon to store the CD content to the V-CDC memory while playing the CD.
- 2) and touch the memory track which you want, and select the compress mode (normal compress/fast compress), click "confirm" button, as the (picture- 78):



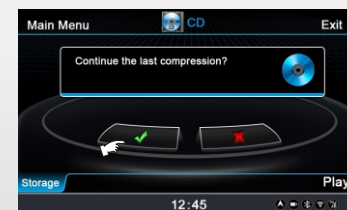
(picture -78)

- 3) click the "⏮" "pause copying", click the "storage" icon again, it will come out a dialog box that continue or not, as the picture79、picture80. Click "⏮" icon, it will continue copying, click "⏭" icon, it will re-copy.



(picture-79)

- 4) Click "⏭" icon, it will stop copying and the unit will come back the playing interface.



(picture-80)


Note: select the "normal compress" way to storage, the unit continue playing the music while the "fast compress" way to storage can't.

Video player function

This unit only play the video file which storage in the hard disc/USB/SD card(MP4 format).







enter/exit

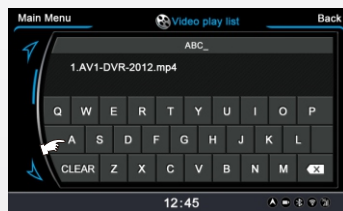
- 1) Connect the USB to the unit which contain the video files, touch the “” icon on the media menu 1, enter to video play interface, as the picture 81
- 2) Touch the “exit” icon, it will exit from the video playing and come back the media interface 1.
- 3) During playing, touch the screen, you can change to full screen.



(picture -81)


video search and play

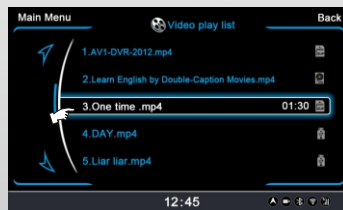
- 1) Touch the “” icon and enter the video search interface, as the picture 82:
- 2) Touch the “back” icon and come back the video play interface
- 3) Touch the first letter + second letter (input the letter like this) and finish the search. Touch “” and go to the previous page, touch the “” icon, will go to next page.
- 4) Touch the “back” icon and come back the video play interface. Click the file name which playing, then will come back the video playing interface. On the input interface, the “” icon is the delete button, it will delete step by step, “**CLEAR**” icon means delete all the letter which you input before.



(picture -82)

video route



- 1) Touch the “” icon and enter the video play list menu, as the (picture -83):






(picture -83)



- 2) Touch the “back” icon, it will exit the video search interface.


- 3) Touch the “” icon, will go to the previous page while “” icon, will go to the next page, or go through the screen, and click the file name, then will come back the playing interface.

- 4) Click the “” icon, will play the previous video, touch the “” icon, will play the next video, the “” is the pause/play button.

Changer operation V-CDC

Storage the audio file to the unit's ram while playing the CD music, the unit contain 19 CDC memory, the capacity is large enough to play 7.5 hours, just as 6 pcs disc playing time. At the same time, it have the list manage function, the user can classify their favorite songs by list, and can change the list by one button. The usual function button all on the screen and easy to operate. Also can switch the list by the file setting, also have the fast select function, the user can find any song very fast, it is very convenient and good for driving. You just need to delete it while you have to change the disc by the traditional way.

enter/exit

- 1) In the media menu 2, touch the “” icon and enter the V-CDC interface, as the picture 84:
- 2) Touch the “back” icon, then come back the media menu;
- 3) When in the playing interface, it will exit the V-CDC play while click other function button.



(picture -84)

select the V-CDC

- 1) Touch the “V-CDC” icon and enter the selection menu, as the (picture- 85):
- 2) Touch the “back” icon, it will come back the V-CDC playing interface.



(picture -85)



3) Touch the “” and “” icon, can go up and down page, or go through the blank area and found the V-CDC box which you want to play, touch the “play” icon or click the V-CDC box, then it will come back the playing interface.

➤ Delete

Select the song which you want to delete, touch the “delete” icon, press the confirm button on the dialog box, then will delete that song.

➤ definition of the keypad

play/pause Stop playing Random Play Cycle play
 previous next speed rewind speed forward
 EQ audio setting, please check the audio “setting” which in the main menu.

AUX1/AUX2

When the connection of external audio and video signals, the operation is to be effective.

➤ Enter/ Exit

1) In the interface of media interface 2, touch the “”, “” icon to enter the AUX1/AUX2 interface, such as (picture - 86):



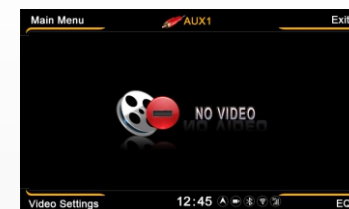
(picture -86)

- 2) Touch "Exit" icon to return to the media interface 2.
- 3) Touch "Video Settings" to adjust video brightness adjustment , setting method refer to the main menu interface, the "Settings" in video settings.
- 4) Touch "EQ" to adjust sound , setting method refer to the main menu ,the "Settings" in the video settings.



➤ AUX1/AUX2 No Signal Condition

AUX1, AUX2 function can display and monitor the external audio and video signals, but can not control the external signal. When no video signal input, touch the “”: “” icon, such as (picture -87):



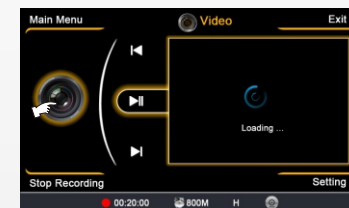
(picture -87)

Video Functions Instructions

This machine has a video record on DVD / Camera / TV / AV functions.

➤ Enter/ Exit

1) In the media interface 2, touch the “” icon to enter the video interface ,such as (picture -88):



(picture -88)

2) Touch "Exit" icon to exit the video interface, the background continues to operate the playback, does not operate automatically recording capabilities.

➤ Video Settings Functions

1) Touch the "Settings" icon, enter the video settings interface ,such as (picture - 89), touch "OK" icon to return to the video interface.



(picture -89)

2) Source: according to the user needs to select the source path to the video, touch the “”, “” icon can be found as source path option.



- 2) Touch "Exit" icon to return to the media interface 2.
- 3) Touch "Video Settings" to adjust video brightness adjustment , setting method refer to the main menu interface, the "Settings" in video settings.
- 4) Touch "EQ" to adjust sound , setting method refer to the main menu ,the "Settings" in the video settings.

➤ DVR Record Operations

Touch " " / "start recording" icon to enter the recording status, click the icon again to suspend recording, in the video recording process, may proceed with the right video content interface operation, click " " for the replacement of recorded content, click " " to pause playback, such as picture – 90:



(picture – 90)

Picture Browsing Function Instructions

This function can browse and edit the pictures of USB, SD and hard disk .

➤ Enter/ Exit

- 1) In the Media Interface 2, touch the " " icon to enter the picture browsing interface, such as (picture-91):

Touch "Exit" icon to exit the picture browsing interface.

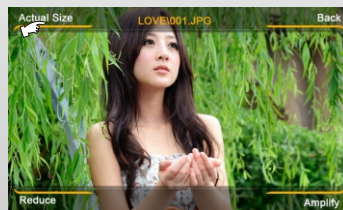
- 2) Touch the " " flip up and down or vertical stroke the screen area.

➤ Picture Browsing and Editing

- 1) Touch the small picture icon to enter the picture browsing interface ,can influence the slide to browse images, click the opened picture to display the Edit bar, and then point to hidden, such as (image-92):



(picture-91)



(picture-92)



- 2) Touch the "Back" to return to the previous interface.
- 3) Touch "zoom in", "zoom out" the picture to zoom in or out browse pictures, click on the "actual size" icon to return to original size.

Tool operations

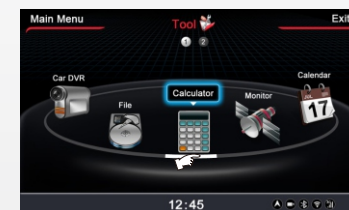
➤ Enter/ Exit

In the main menu, touch the " " icon to enter the tool interface, the tool interface is divided into two interfaces, touch tool interface "1" icon or paddling a blank area of the tool interface obtained the conversion of the two interfaces, such as (picture-93) (picture -94):

Touch the " exit " or " main menu " icon to enter the main menu interface, that is for other functional operation.

➤ Tool interface 1

In the Tool interface 1, there are five function keys, touch each function icon to enter the corresponding function operation.



(picture-93)

➤ Tool interface 2

In the Tool interface 2, there are four function keys, touch each function icon to enter the corresponding function operation.




(picture-94)

CDR Function Instructions

CDR provides customers with a self-test function, the identification function, the vehicle travel time, speed, mileage recording and storage capabilities, speeding alarm and logging capabilities, overtime driving (fatigue driving) alarming and recording function, record and analysis function of accidents doubt ,display the Print function to record time-out driving (fatigue driving), note speed records and vehicle related information, data communication, storage video image (optional camera) , SD card, and other functions.



➤ Enter/ Exit





In the tool interface 1, touch the “” icon to enter the CDR interface ,such as (picture-93):

Touch the “exit” to return to the tool interface 1.



(picture-95)


➤ CDR functions definitions

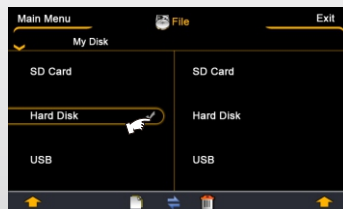
Menu	Menu settings		Up to select		Down to select
Replay	View the recording playback		Left to select		Right to select
OK	OK	Take photo	photograph	DVR	Video
Start Video	Star recording	Stop Video	Stop recording		

File management

File management functions are organized is the storage space for file storage, distribution and recycling, responsible for features such as file storage and protection. File management including hard drives, SD cards, USB, can convert stored according to the needs of users.


➤ Enter/ Exit

Touch “” icon in the tool interface 2, into the document management interface (such as picture-96): Touch the” exit ”to return to the tool interface1.




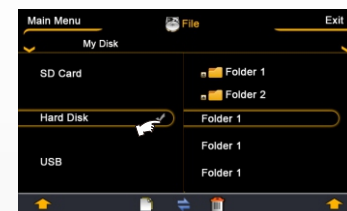
(picture-96)

➤ Disk Copy

Click the disk you want to copy, such as SD card content to hard disk : touch SD card, the screen displays “” is selected, and then click on the “ hard disk ” selected to be copied to the folder, such as (picture-97、 picture-98).





Click“  ” icon to complete the replication.

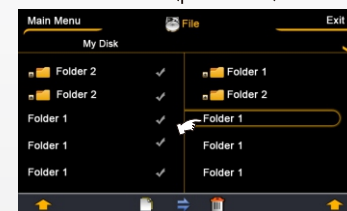


(picture-97)

➤ File copy


File copy and disk copy operation are the same, copy of the file must enter disk to select the file, You can also select multiple filenames for replication, in the production process, you can cancel the copy, such as the (picture - 99) :

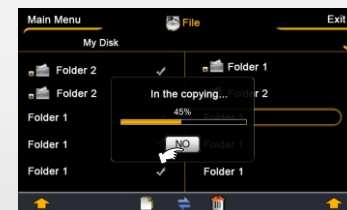
“”Icon to return to the previous step. Select the disk or the folder or file name, click on the “” icon to delete.



(picture-98)


➤ File move

File move operation and the copy operation are the same way, the move icon “”.

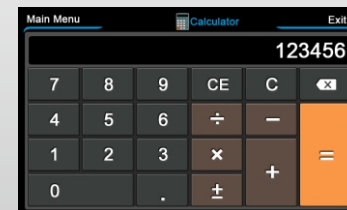


(picture - 99)

Calculator Operating Functions

1) In the tool interface 1,touch“  ”icon, enter the computer interface, such as picture - 100 : touch the “ quit ” icon can be returned to the Tools menu.

2) the calculator operating functions of the machine with the same method of operation of everyday use calculators.



(picture - 100)



GPS Monitor

This tool can monitor the status of your current GPS, display GPS longitude, speed, displacement distance since the program is running, GPS positioning and electronic compass directions, can be used for GPS vehicle management system \ Positioning System \ Tracker.

Enter/ Exit

In the tool interface in 1, touch " " icon, enter the GPS monitor, such as (picture - 101):

Touch the " quit " icon to return to the tools interface 1.

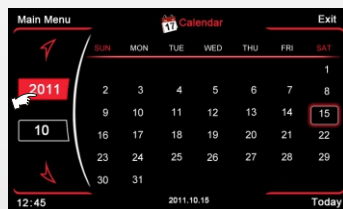


(picture - 101)

Calendar Functions Instructions

In the tool interface in 1, touch " " icon, enter the calendar interface, such as picture - 102 :

touch the "quit" icon to return to the tools interface 1.



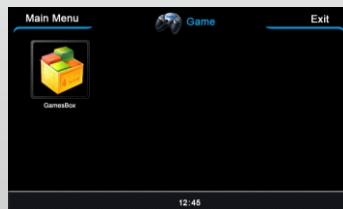
(picture-102)

The Use of Calendar

Touch " 2011 " icon, select the year, touch " 10 " icon, select the month, click on the " " icon, find the month, click the date to view the solar calendar at the top of the screen. Click on the " today " date returns the current setting of the machine.

Games

The machine with the game features, this game must be installed on the host above the operational.



(picture-103)



Game

Touch " " icon in the tool interface 2 into the game interface, such as (picture-101):

Click the game icon into the corresponding game, touch the "Exit" icon, can be returned to the tool interface 2.

Operation Guide function Instructions

This machine provides guide service operation, there was a problem when you use the machine, you can immediately solve. The entire contents of the operations guide contains the contents of this manual.

Enter/ Exit

In the tool interface 2, touch " " icon to enter the operations guide interface, such as picture - 104 :

Touch "Exit" icon, can be returned to the tool interface 2 .

Touch the icons, you can enter to view the operating instructions.



(picture - 104)

World Clock Functions instructions

In the Tool interface 2, touch the " " icon to enter the world clock interface, such as (picture-105):

Touch "Exit" icon, can be returned to the tool interface.


The interface can view the time clock in Beijing / Tokyo / New York / London.



(picture-105)



System Information

In the tool interface 2, touch “” the icon to enter the system information, such as (picture-106):

Touch “Exit” icon, can be returned to the tool interface 2.



(picture-106)

Setting

The menu of Settings, including 2-zone Setting, General Setting, Adjustment Setting, Video Setting, Internet Setting, Audio Setting, GPS path Setting and etc.

Enter/Exit

Touch the “Setting” icon to enter Setting Menu. Check the (picture-107):

Touch “Back” icon to back to Main Menu.




(picture-107)

2-Zone Setting

Our system supports background operations, such as driver can enjoy the music, radio, TV camera, and other functions, at the same time passenger can enjoy AUX1, AUX2, camera, TV and DVD through head rest of back seat.

Enter/Exit

In Setting Menu, touch this icon “” to enter 2-zone Setting Menu. Check the (Picture-108)

Touch “Exit” to back to Setting Menu.

Operation


User can operate any function by touching this icon. Touch “Close” to close all functions of 2-zone.





(Picture-108)

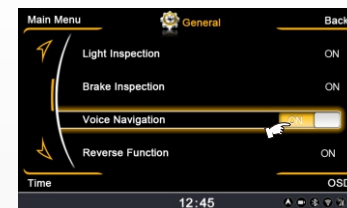


General Setting

Touch “” this icon to enter General Setting. Check the (picture-109):

Touch “Back” to back to Setting Menu.

Touch “”, “” or slide the blank to select and operate any function.



(picture-109)

Time Setup

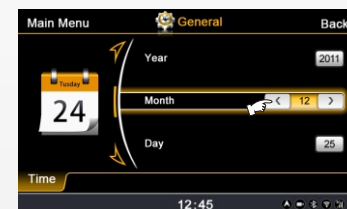
In General Setting Menu, touch “Time” icon to enter Time Setup. Check the (picture-110&111):

Touch “Back” icon to exit Time Setup, back to General Setting Menu

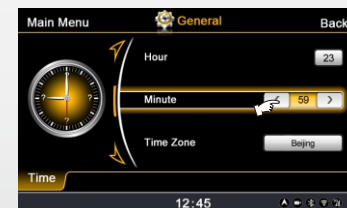
Touch “”, “” icons to flip up and down.

Touch “”, “” icons to adjust time.

After setting, the system will show below as default.



(picture-110)

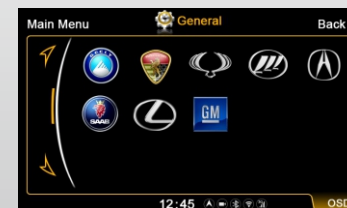


(picture-111)

Note: You can touch time in any menu which showed to enter Time setup.

Opening Interface

In General Setting Menu, touch “Opening Interface” icon to choose Opening LOGO. Check the (picture-112):



(picture-112)



Touch “Back” icon to exit the Opening Interface, back to General Setting Menu.

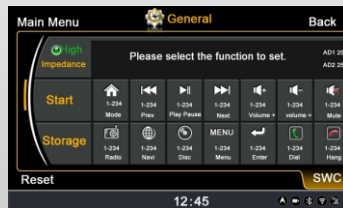
The system supports various LOGO for choosing. You can select the match LOGO by touching. The selected LOGO will show after restart the device.

➤ Other functions of General Setting

- 1) Light inspection: Touch “”, “” icons to select open/close.
- 2) Brake inspection: Select close when without handbrake control.
- 3) Voice Navigation: Touch “Close” icon to open Navigation Audition function. If there is not any operation and voice output of navigation within a few minutes, the system will switch to the previous status of audio and video.
- 4) Reverse Function: After open the Reverse Function, our device will show reverse view automatically when you are backing the car.
- 5) Reverse Mute: Select “Open”, there is voice of reversing.
- 6) Reverse Opening Device: Select “Open”, there is a viewing of reversing when you insert the key and back the car. Will close the viewing automatically when finish reversing.
- 7) Boot Automatic Video: Select “Open”. The system will open background DVR automatically after open the device.
- 8) Day Backlight: To adjust day backlight of screen board.
- 9) Night Backlight: To adjust night backlight of screen board.
- 10) Key Light Color: To adjust 3 key light color—Red, Green and Blue.
- 11) Key Tone: To select different key tone or mute.
- 12) Languages: To select the match languages according to the requirement.
- 13) Format V-CDC: Select “Star” to delete all the data.

➤ SWC Setting

In General Setting Menu, touch “Setting” icon to enter SWC Setting Menu. Check the (picture-113). Touch “Reset” to reset the above functions.



(picture-113)

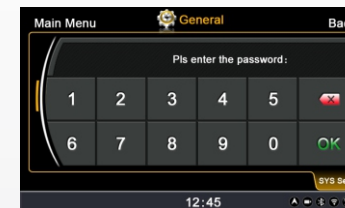


Learning SWC: Touch any function need to learn, and then touch “Start” in the meanwhile, press the button of SWC that need to learn. Touch “Store” after data show on the screen. If store failure, please try again.

➤ Factory Setup

In Factory Setup, including Radio FM area setup, TV Type, Users, Canbus Type, Amplifier Select, RDS Function, Running Gear and etc.

Enter Factory Setup, touch “Open” icon to enter Factory Setup. Check the (Picture-114). Input password (1234), touch “OK” to enter.



(picture-114)

- 1) Radio FM area setup: Select different country according to the area.
- 2) TV type: To select different play TV modules. Including: DVB cmmb, ATV and Mobile TV.
- 3) Amplifier Selection: Select different amplifier according to different types of cars.
- 4) RDS Functions: RDS is only available in Europe.

➤ Default Setup

Touch “Reset” icon to recover to the default setting.

Touch Adjust Setup

Adjust touch positions if the position is not correct.

In Setting Menu, touch “” icon to enter Touch Adjust Setting. Check the (picture-115):

Click the center lightly and accurately by a sharp point of pen or other stuffs, repeat several times, then complete the correction. And then touch “OK” to exit adjustment.

Carefully press and briefly hold stylus on the center of the target.
Repeat as the target moves around the screen.
Press the Esc key to cancel.






(picture-115)

Note: Must press its center accurately or would influence the precision of touching.

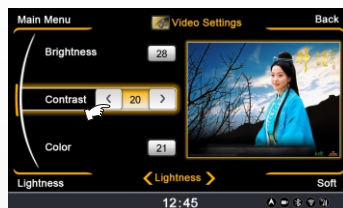


Video Setting

In Setting Menu, touch “” icon to enter Video Setting. Check the (picture-116):


Touch “”、“” icons to adjust the Brightness, Contrast and Color.

Or adjust it by touching “Lightness”, “Standard” and “Soft”.



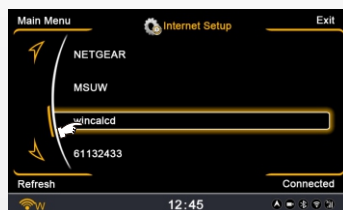
(picture-116)

Internet Setting

In Setting Menu, touch “” icon to enter Internet setting. Check the (picture-117):

Attention: Must enter IE setting before enter Internet browser. Be sure there is in connection.

Click the file name, select “Connect”, check the (picture-118):

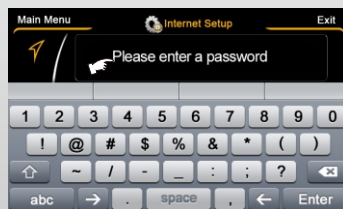


(picture-117)



(picture-118)

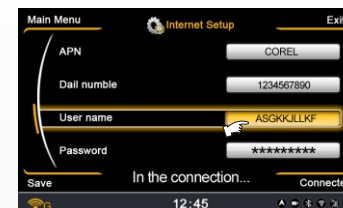
There is “Input Password” info on the screen after connected. Check the (picture-119):



(picture-119)




3G connection method is the same as YF. But 3G must connect the cable from back of device. Check the (picture-120):




(picture-120)

Audio Setting

The Audio Effects is judge heavily on High/Middle/Low pitch. Keep the optimal balance of sound. There is an “EQ” setting icon in DVD menu, V-CDC menu and Audio Playing.

In Setting Menu, touch “” icon to enter Audio Setting. Check the (picture-121):


➤ Setting Audio Affected Area

Touch “” icon to adjust the affected area.






(picture-121)

➤ Audio Setting

Touch “” icon to enter Audio Setting. Check the (picture-122):



(picture-122)

Touch “” icon to adjust volume to High/Middle/Low level. Check the (picture-122). Or touch “” this icon to adjust frequency to change High/Middle/Low volume. Or “” select voice type to reach it.


➤ Augment Setting

In this augment setting, can set the audio effects of GPS\TV\Radio\Bluetooth\Audio\Video\DVD\V-CDC\IPOD\AUX1\AUX2 and APP.




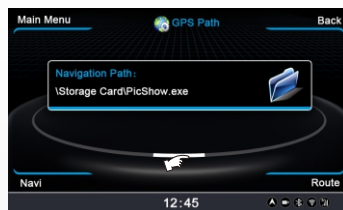
(picture-123)



Touch “” icon to enter Augment Setting. (Check the picture-123):


Touch “next” icon to enter the setting of next page.

Dragging “” icon to adjust High / Middle / Low volume. Touch “Reset” icon to recover to the default data.

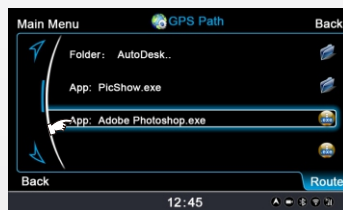


(picture-124)

Navigation Path Setup

In Setting Menu, touch “” icon to enter the path of Navigation. Check the (picture-124):

Touch file icon or “Path” icon to select the path of Navigation. Check the (picture-125):



(picture-125)

After select the path of Navigation, back to GPS interface to operate GPS.



Note : Please check “Troubleshooting List” carefully before sending the broken device back to repair. If the problem is out of list or still could not solve the problem, please feel freely to contact our professional after-sale team!

Phenomenon	Cause	Solutions
No power supply	Wrong connection between wires and connector	Make sure all connections correct again
	Broken fuse	Find out the reason of the broken fuse; and then replace it with the identical fuse
	The build-in microprocessor is unable to work normally due to the noise and other factors	Press RESET to restore to the factory settings
Failure of Remote Control	Low Battery	Replace with new batteries
	Certain functions are forbidden under specific modes	Enter the proper mode
unable play the disk	Disk is dirty	Clean the disk
	The format of the disk is not compatible	Check the disk format
	The disk video system is not compatible	Change new disk is compatible with the video system
	Disk poor quality or damage	Replace the good quality disk
No sound	The cable is not properly connected	Re-connect the cable properly
Cannot increase the volume	This machine is running in still, slow motion or frame by frame playback	There is no sound output in still, slow motion or frame by frame playback
Particular speaker cannot output sound	Audio setup is not correct	Set the proper audio configuration
The DVD cannot display if appear the parent lockup message	Turn on the parent lockup function	Close the parent lockup function or change the setting level



Phenomenon	Cause	Solutions
Unable to Change Language (subtitle included)	Current DVD has no extra languages for selection	You can not switch to other language in a None Multi-Language disc
No Subtitled	You can only switch it over to the options as shown in the disk menu	Using the disk menu for switching
	No subtitle in this DVD	If there are no subtitles recorded for the disk, then it is unable to show subtitles.
	You can only switch it over to the options as shown in the disk menu	Use the disk menu for switchover
Failed to play back According to language in Audio and Subtitle Selected in the DVD Setup Menu Unable to switch over to another Viewing angle	The current DVD has no audio or subtitle language in the DVD setup menu.	If the disc is not recorded DVD setup menu choice language, is unable to switch to select language
Unable to view angle switch	The current DVD has no a multi-viewing angle	If the disc is not recorded with more perspective shooting scenes, can't switch to other viewing in a NO Multi-Viewing disc
	You try to switch it over to another viewing angle out there are no multi-viewing	Watch with more perspective recording scene switching angle
Picture is extremely unclear / distorted or dim in the playback	The disc has a copy protection signal (some of the disc may have this feature)	Because the DVD and anti copy analog copy protection system, so if the player has a copy protection signal disc, then in some viewed on a monitor, the picture may appear horizontal stripe or other, it does not mean that the issue of fault
No image: PIC OFF is shown	You fail to connected the manual brake wires or fail to turn on the manual brake	Connect the brake wire and when turn on the manual brake
when the ignition switch is turned to the ON position (or to the ACC position) the player automatically switches on		This is a normal function



power	12V DC(allowable range:9.5-17.01V)
Grounding system	Negative pole type

➤ Display screen

Horizontal-vertical ratio	16:9
Pixel	384,000 (800*480)
Type	TFT active matrix
Color system	Full system
Range of operating temperature	-20℃+70℃
Range of storing temperature	-30℃+80℃
Angle regulation	0°~50°

➤ Audio

Maximum output power	45W*4
Load impedance	4Ω(allowable range:4-8Ω)
Advance output level/impedance	4.0V/200Ω

➤ DVD

System	DVD audio, DVD video, VCD, CD, DTS CD, and Mp3 system
Discs available	DVD audio disk, DVD video disk, VCD, CD, DTS CD.
Number of tracks	2(stereo), digital 6 tracks
MP3 encoding format	MPEG-1 and 2 and Audio level 3

➤ FM modulator

Frequency range	87.5-108.0MHz
Effective sensitivity	10dBu (S/N: 30DB)

➤ AM modulator

Frequency range	522-1620KHz
Effective sensitivity	30dBu (S/N: 20DB)



➔ GPS Navigation

main chipset	SAMSUNG S5PV210AH-A0
Chipset	Samsung CPU S5PV210AH-A0
Flash memory	4GB
FLASH	4GB
Flash memory	512MB
DDR2	512MB
GPS module	JN 3
GPS module	JN 3
Map carrier	4GB SD card
Map Software upgrade	SD card
GPS module communication mode	UART
GPS Module Communication	UART
GPS module baud rate	9600bps
GPS Module Baud rate	9600bps
External antenna type	Active, 3 V dc power supply, approximately 5 meters in length
External GPS antenna module	Active
DC supply	3V, approximately 5m in Length