

CAR AUDIO NAVIGATION SYSTEM

INSTRUCTION MANUAL

★ Please carefully read the instruction manual before use, and safekeeping for the future use.

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Mark:

In order to properly and safely use our products, please read this manual carefully. Due to the improving the technical specifications and updating design we free of duty to inform.

Before use

Cleanness of the products

Please keep cleanness with soft and dry cloth periodically, wet the cloth for heavy dirtiness.

Temperature

Please don't operate the unit above +70 °C or below -20 °C.

Coagulation of humidity

Due to the coagulation of humidity, maybe you will notice the tone is leaping. In this case, please eject the disc and wait for about one hour to vaporize the humidity.

Defective disc

Do not use the scratched / irregular or defective disc, or which will do harm to the playing equipment.

Forbidden

Not allow to nip or pull the disc while it is loading automatically. Don't insert any disc when power off.

Insert disc

Insert one disc each time, upward the marked disc while inserting. It will eject automatically if something is wrong with the way you insert. But if it ejects without any problem, do the RESET with pinpoint pen please. While loading disc, maybe it has tone leaping, but that would not do affection to the disc and player unit.

Irregular disc

Please use the disc of common round shape, but not peculiar shape, or it will do affection to the mechanism of the player unit.

New disc

As a protective measure to prevent the disc from clipping, if the disc was spit out after loading, turn a circle in the centre of the hole and the edge of the disc with finger please. If you find something scraggly or irregular on the disc and outside disc, get rid of them with

Ballpoint pen or something, otherwise they will do affection to the loading of disc. Then you can insert disc.

Installation

This unit cannot be installed in any location as below:

under sunshine or high temperature
under high temperature or in water
Dusty
Strong quaver

Operation

Please don't drop the disc while operating, don't remain your fingerprint or stick any paper or label and write on it.

Disc cleanness

The fingerprint / dust or dirt on the surface of disc will bring the playing of the DVD into tone leaping. Please swab the disc surface with clean and soft cloth slightly for daily cleanness. Please wet some tender neutral scour with clean and soft cloth for heavy dirty disc.

Accessory of disc

There are many kinds of accessories on market for protecting the surface of disc or improving tone quality, but most of them will influence the thickness or diameter of the disc that will result in unfitting standard and operating problems. We suggest you'd better not use these accessories to the player.

Managing ways for the knock-down panel in front

Not allow to expose it in rain or water.
Not allow to drop or hit it.

For LCD temporarily, it's normal that the unit may remain the last the pictures temporarily after power off.

The contrast of menu will come out to be lack temporality while the unit is in low temperature, but will come back to normal station soon.

SAFETY CAUTION

To avoid causing damage to user and others or property loss, now please be noted as following:



Such mark content indicate the forbidden item which is not allowed.



Such mark content indicate the forced item which must be performed.



Please ask the special technician for this unit to install and match wire for special technician and experience , please be accreditde to sales agent to install and match wire to ensure safety



Driver is not allowed to operate unit and watch picture when driving



The unit is applied to car with DC 12V cathode ground , it can not be used in car with DC24V (such as large type truck and low temperature diesel oil engine) which may cause fire and trouble



Can not use unsafe part to mount and connect to ground



Ensure to use the fuse with specified capacity and replace fuse by special technician , not to operate by hand



If meet with thunder , Ensure not to touch antenna or anywhere plug, which may lead to touch electricity dangerous.



Must take off car storage battery cathode wire during this case , it may cause touch electric -shock dangerous or hurt due to short circuit.



Don't damage wire, wire damage may cause broken wire or short circuit which lead to fire and accident.



For safety , it must be used with handed brake connection wire if it is not followed the correct notes for installation matching wire, the unit can not be operated normally it may lead to traffic accident.



Don't use the unit atlocation where there is much rain water damp or dust



The antenna must be firmly installed without falling, if there is no sufficient stick for mounting part it will be fallen during travelling the course of travelling, it's better to check it frequently.



Don't put hand to insert moving parts which may iam finger and hurt.



The specified method must be followed to install and match wire . Otherwise it may cause fire and trouble

IF the wasted battery need to be disused:

•Please deal with them to follow your rules where you live.

GLOSSARY

DVD: Digital Versatile Disc

A type of disc which contains recording of audio / video packaged media with high video and audio quality, such as a movie, large recording capacity and digital signal processing capability.

CD (vcd)

VCD is CD discs that store activity images. It can store the contents of 74 minutes on the normal CD discs that have the same diameter (12CM) by compressing video as 1/120, audio as 1/6. At the moment in the market there are 2 kinds of VCD discs. One kind only can play the discs of non PBC, the other kind can select and support all kinds of special playing function. The disc with PBC can play for the two kinds of disc above.

MPEG: Moving picture Expert Group

MPEG is short of moving picture Expert Group. MPEG is a kind of international standard specification that media uses the compression and decompression of digital video and audio.

DVD

DVD can display several titles, is called title menus. In addition, the title menu can display all kinds of stated items (Menu picture). The menu can be called out while playing. According to the difference of software, conveniently change the video between Dolby Digital and PCM, set of subtitle and language dubbing.

Title numbers (DVD)

Titles refers to the largest unit of movie and song what is stored in a DVD. Normally, it is a film for video software works, is an album (or a piece of song) for a music software. The number of title what is stated is called as title numbers.

Chapter numbers (DVD)

It is called chapter what is stored in the film of DVD and less than title. The title is formed by several chapters, The number is used for showing chapter order is called chapter numbers.

Subtitle (DVD)

Some DVD disc stores several languages of subtitle words. The products can select the subtitle language what is stored in the DVD.

AudioTrack Numbers (CD VCD)

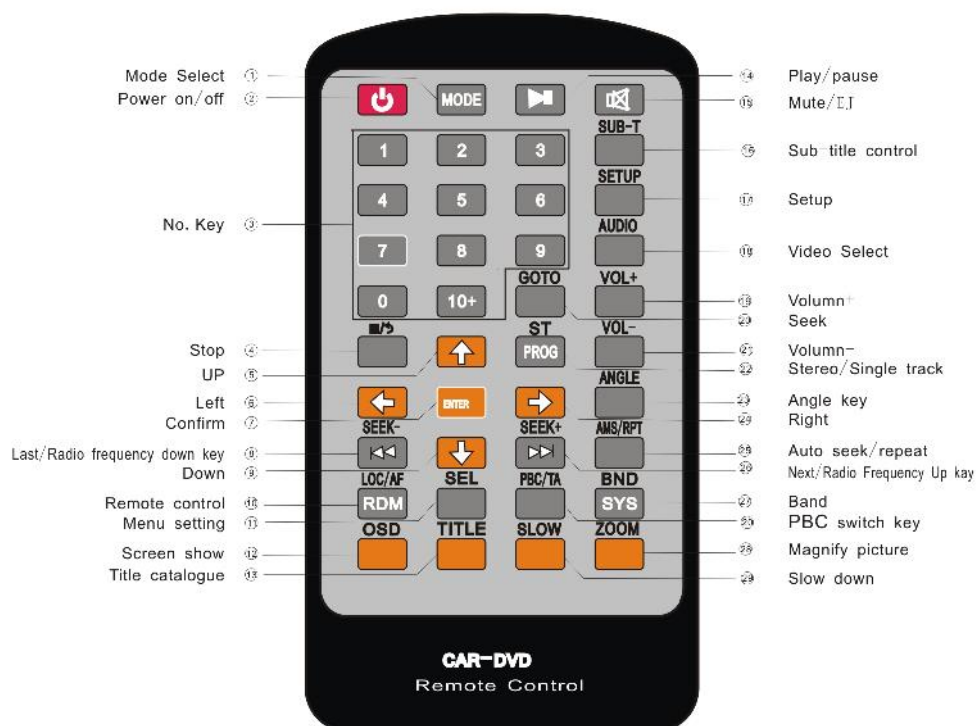
Audio track refers to the division of the contents what is stored in the disc. Set a number for the division parts, the setted number is called Audio Track Numbers. In the normal music CD, we match a audio track for every piece of song. But for VCD, the divisions of contents and audio track for every piece of song. But for VCD, the divisions of contents and audio track numbers is not congruent relationship. For the normal music CD, as jump audio track and programming (special) play completely replies on audio track numbers, as the playing is noneffective for some VCD.

For the disc what is marked "with the function of playing and controlling" on the package and itself can watch the picture of the selecting the play until what is displayed in the TV screen, and play the picture and information by the format of the language of layered instructure at the same time the method is called PBC.

Mp3

Mp3 is a kind of compress method of audio, is belonged to audio layer 3 of MPEG standard. Audio compress method has been a kind of standard mode after it is accepted by the users of the computer. MP3 can compress the original audio status to 10% and keep the high quality of sound. It means 10 piece of music CD can be put into a piece of CD-R or CD-RW, then we can listen to more CD, but not need often change the disc.

REMOTE CONTROL FUNCTION



Note please:

The function Mp5, IPOD, Virtual 8 Disc Exchanger, 3G is selective ones of the customer, Any change, without notice.

DVD operation

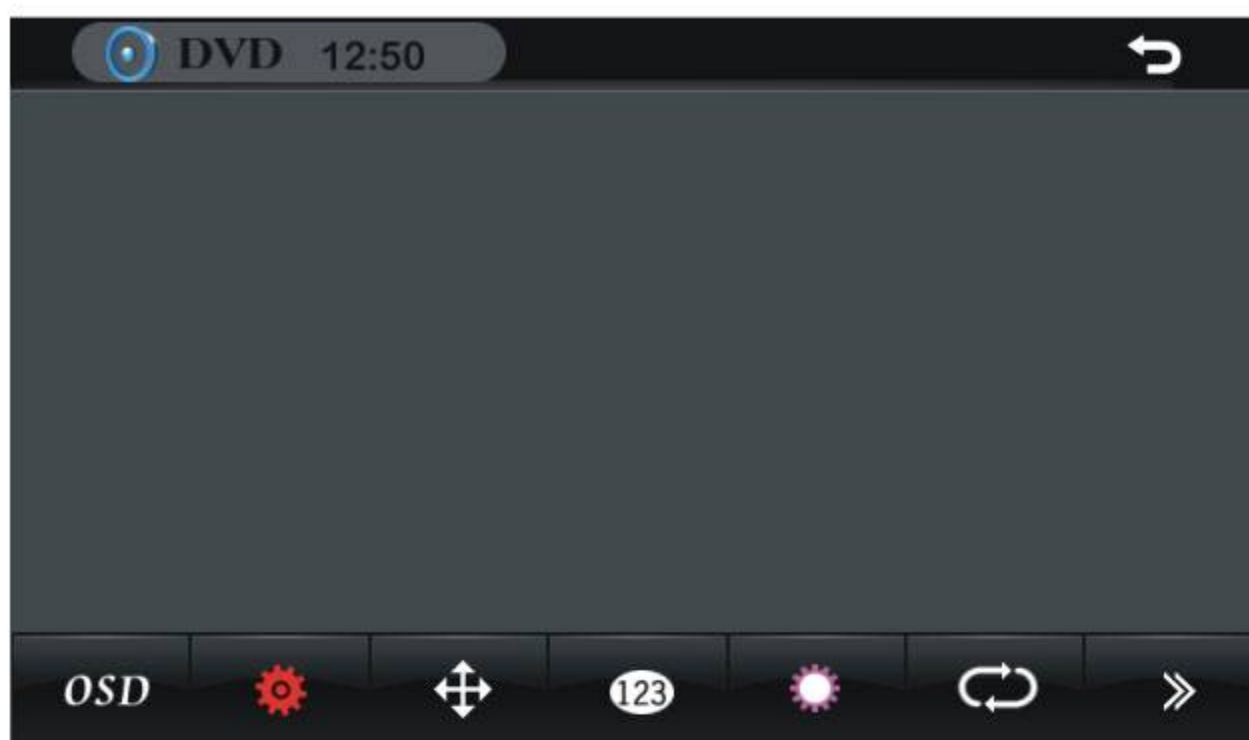
Source Select Interface

The below is Source Select Interface




Remark: The picture above is only fthe example.

The last result is the actual unit.



【OSD】 title

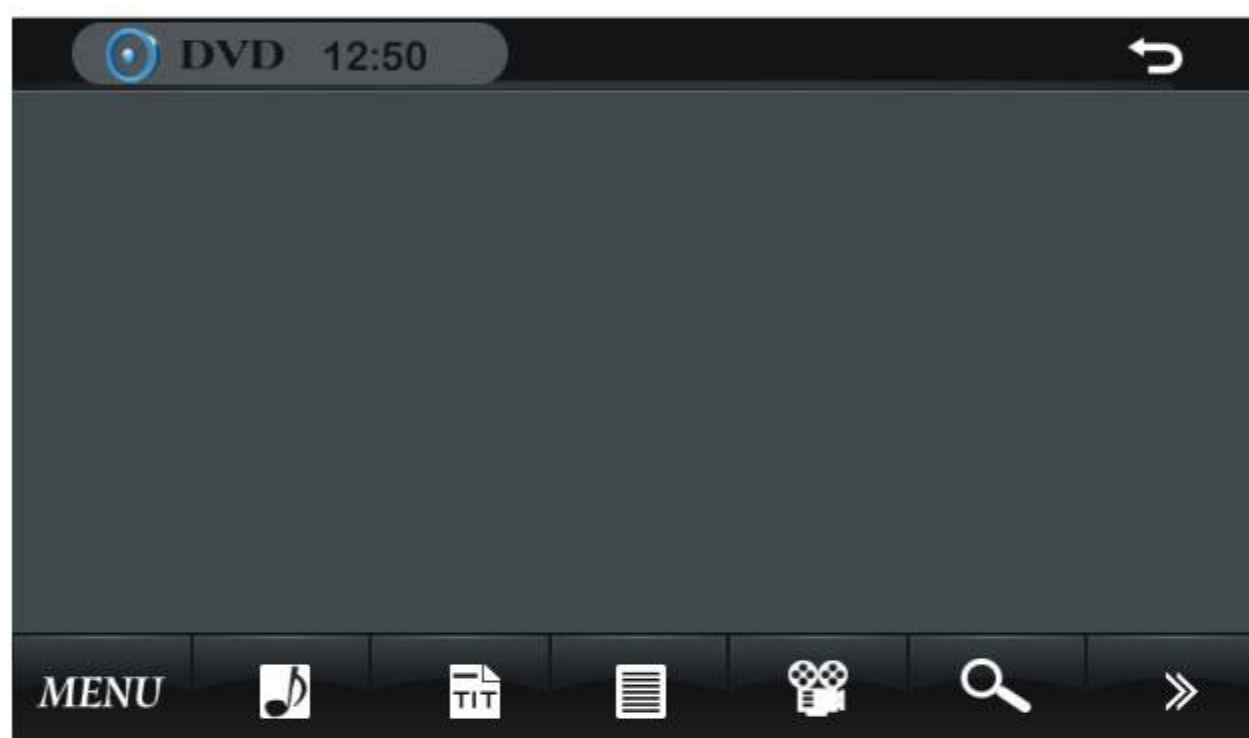
【  】 System Setup

【 】 Direction key

【 123 】 No. Setup

【  Audio Setup

【 】 Repeat Playing



【MENU】 Menu Playing

【 】 Channel switch

【 】 Subject Catalog

【 📄 】 Subtitle Selection

【】 recording-displaying

【 🔍 】 Zoom in Zoom out

The operation of disc in-out

Long press Remute key or panle

Programme Selection

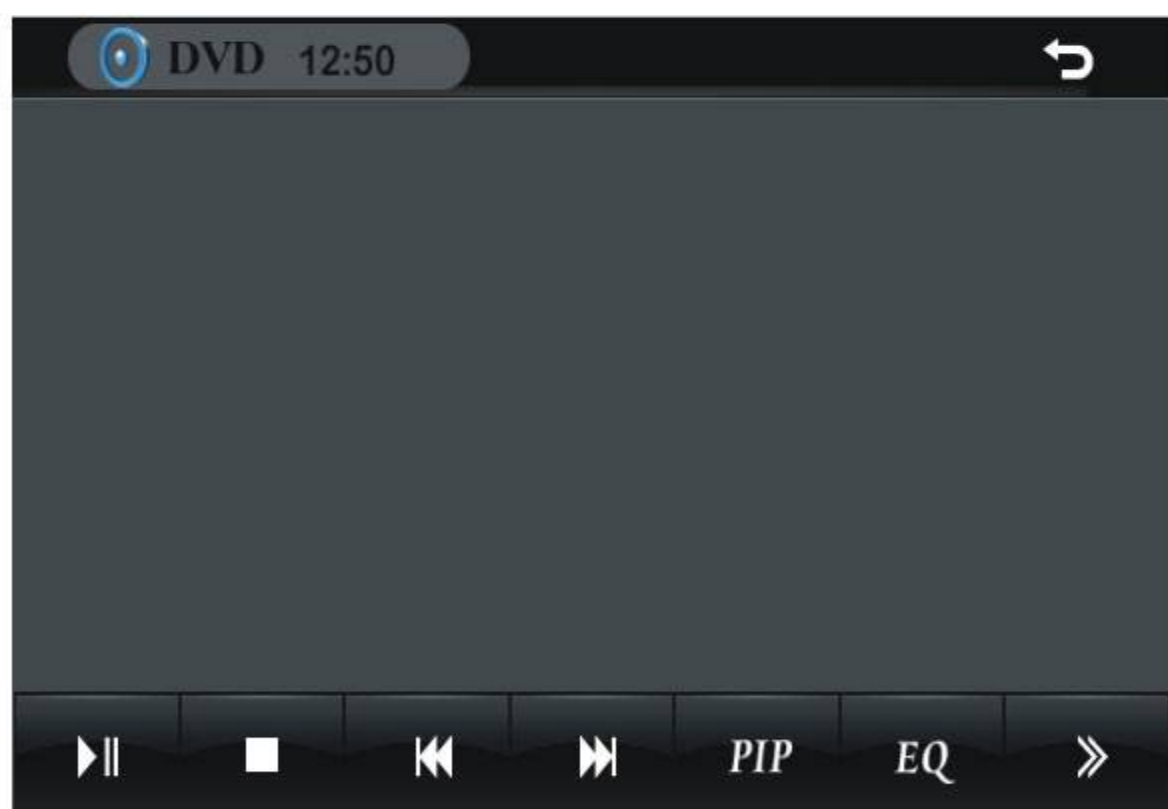
Method one:

While playing, Press **⏮** **⏭** to select.

Press **⏮**, start to play from the last track /chapter.
press **⏭**, start to play from the next track/chapter.

* A chapter is division part of audio or video what is recorded on a piece of DVD , A track is division part (Only VCD) of audio or video what is recorded on a piece of VCD(Only VCD) or CD.

*Some chapter or track forbid the function.



【▶/||】 Play/Pause

【 ■ 】 Stop

【⏮】 last/Fast backward

【▶▶】 Next/Fast Forward

【PIP】 Picture in picture

【EQ】 Audio Setup

Press【 】Key, show the next picture.

DVD Operation

Method Two:

Operate by pressing the number key on the remote control.

Method Three:

Select by directly touch song name on the display screen.



Remark:

Some disc and some contents cannot use this function. Normal VCD disc cannot select the song until turning off the PBC.

Play/Pause

While playing, press play/pause to stop the playing, and press **[▶/||]** once again to restore the playing.

Stop playing

If press the stopped playing key **[■]** while playing, the unit can record the location where the play stops. Press **[▶/||]** once again, the unit can restore playing from the location where it stopped last time. While playing, if press the stop key **[■]** twice, the unit will stop playing. If press playing key once again, the unit will play from the beginning.

Rapid play

While playing, you could enjoy the rapidly-play function by keep pressing **[⏮]** for three seconds. Press **[⏭]**, forward rapidly-play. Press **[⏮]**, backward rapidly-play.

DVD disc

Every time activate the button of rapidly-play **[⏮]**, the playing speed will switch among X2, X4, X8, X16, X20 and normal level.

MP3, CD disc and VCD

Note: Press Playing **[▶]** to restore normal playing.
Remark: while rapid forward and rapid backward, there is no audio to output.

Some disc or some content cannot support play of rapid forward or backward.

Repeat Play

While playing, press **[🔁]** to select repeat playing.

While playing DVD disc:

- 1) slightly press once, Repeat to play the chapter;
- 2) slightly press twice, Repeat to play the title;
- 3) slightly press for three times, Repeat to play the whole disc.

4) slightly press for four times, cancel the repeat playing.

While playing CD/MP3 and VCD Discs.

- 1) slightly press one time, Repeat to play the track
- 2) slightly press two times, Repeat to play the document file.
- 3) slightly press three times, Repeat to play the whole disc.
- 4) Slightly press four times, cancel the repeat playing.

Remark: Some disc or some content cannot support play of rapid forward or backward.

While playing VCD, Press **[MENU]** to enter the switch between open and close.

Notes:

- 1) Menu control is the set up of opening and closing disc menu while playing VCD 2.0 or the version above.
- 2) If menu is open while playing VCD2.0 or the version above, it will automatically play the menu in the disc. In this case, the customer can press the number key **[0-9]** to choose the preferred song directly.
- 3) If menu is closed while playing, it will automatically skip the menu in disc and begin to play from the first song.

Subtitles language select

Some disc record several kinds of language. In this case, you can choose the preferred subtitle according to the operation below.

- 1) While playing DVD, every time press **[🔍]** / remote control **SUB-T** once, the screen will show the current subtitle language.
- 2) When you do not need the subtitle language, press **[🔍]** / remote control **SUB-T** for several times until the subtitle on the screen disappears.

Notes:

- 1) The operation is only adapt for the disc which has recorded several kinds of subtitle language.
- 2) Some disc has recorded up to 32 kinds of subtitle language. For details please refer to the mark of multi-subtitle language on the disc. The number on the disc shows how many types of subtitle language have been recorded in the disc.
- 3) The subtitle language can be switched over by adjustment in DVD menu or setup menu. For some disc, the subtitle language could be only switched over via DVD or Setup menu, rather than by **[🔍]** / remote control **SUB-T**
- 4) According to different disc, the switch of subtitle language might not be done entirely, or might not be processed while the disc is playing in some specific setting.

DVD、USB、SD、Disc exchanger、navigation operation

Viewpoint Selection

While playing a scene record of multi-angle viewpoint, you could press **【ANGLE】** key on the remote control to switch among different viewpoints.

- 1) This operation could be only available while playing the disc which has been recorded via multi angle.
- 2) Some disc records up to 9 types of viewpoint. For details please refer to the multi-angle mark on the disc. The number on the disc shows how many types of viewpoint have been recorded.
- 3) For different disc, the viewpoint could be either switched over very smoothly, or some short term static image might appear during switch.
- 4) According to different disc, the switch of viewpoint might not be done entirely, or might not be processed while the disc is playing in some specific setting.

USB operation

Insert U disc into the USB Slot, which has recorded multimedia information.

Insert/Withdraw USB

please make sure to quit its playing interface first before withdrawing USB.

When inserting or removing the USB, please stop playing the media file first before safely removing the hardware USB.

Press **【USB】** to play in the main interface



Note:

Due to different standard from each branded manufacturer on the removable disc of Mp3 player, some removable disc might not play. In this case, please contact the manufacturer of the disc.

The operation of SD Card

Please insert the SD card with media files into the SD card slot on the panel correctly. And make sure that the SD card is locked in the card slot.

Insert/Remove the SD card

When you need to remove the SD card, please exit the playing interface of the SD card first, and then slightly press the SD card to make it unlocked, thus the SD card will eject automatically. When you want to play the media information of the SD card, please press the SD icon in the main menu.

After loading the data in the SD card, its operation is same with that of playing DVD, thus please refer to the operation of "playing DVD disc" above.

Note:

This product supports USB flash disk 2.0
And external card reader

The operation of CDC changer

Please press the CDC icon in the main menu, and then enter the CDC interface as follows:



- 【←】** select the previous disc
- 【→】** select the next disc
- 【PIP】** Picture in picture
- 【≡】** sound settings
- 【▶||】** play/pause
- 【□】** stop
- 【⏮】** select the previous program/Fast Backward
- 【⏭】** select the next program/Fast forward
- 【Radom】** Play the program randomly
- 【Browse】** browse the program
- 【Repeat】** repeatedly play the program

Disc Selection

Press **【Select the previous disc】**, to select the previous disc;
press the **【Select the next disc】**, to select the next disc;

The operation of playing Disc in CDC

Please refer to the previous DVD operation when playing the disc.

The operation of Navigation

For the first time using the Navigation, please press the **SETUP** icon in main menu and set the Navigation route.

Press the **Navi** icon on the main menu to enter into the navigation function; press the **[source]** icon and choose the close icon to shut down the Navigation system.

The operation of Navi、Ipod、Digital TV

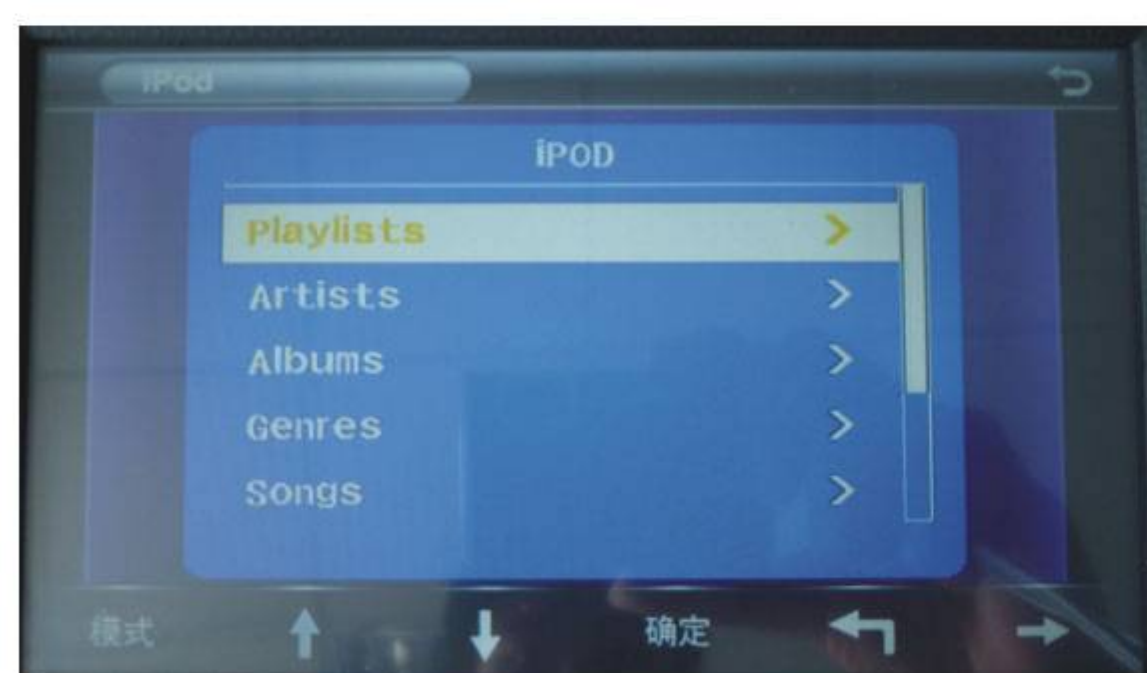
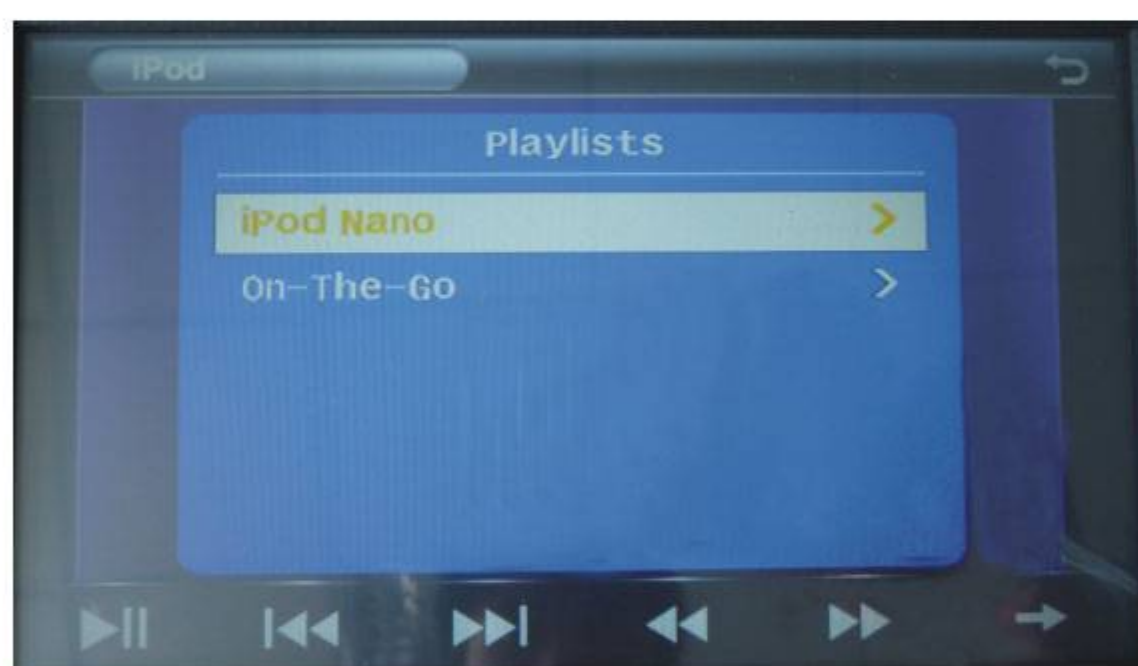


You can enjoy music as usual when there's no Voice Instruction of GPS. However, when any Voice Instruction of GPS occurs, the system would enter into the status of Navigation Voice Instruction automatically.

This product supports a special search function by inputting the destination via touch-screen handwriting. As for the detailed operation of navigation function, please refer to the GPS instruction manual.

The Operation of IPOD

Press the IPOD icon on the main menu, and enter into the interface of IPOD as follows:



- 【▶||】 Play/Pause
- 【◀◀】 Select the Previous Program
- 【▶▶】 Select the Next Program
- 【◀◀】 Fast Backward
- 【▶▶】 Fast forward
- 【➡】 Select the Next Page
- 【模式】 Change the Mode
- 【↑】 Upwards
- 【↓】 Downwards
- 【确定】 Enter
- 【←】 Back

The Operation of DVB-T

ReMark: This product supports both Digital Television and Analog Television, and you could select either Digital Television or the Analog Television in the Setup of system (This function is at the option of customers). Press the [TV] icon and enter into Digital TV function as follows:



Search the TV channels

【Q】 Press this button to enter into the the searching menu as follows:



Press the 【☑】 and search the TV channels automatically



This product supports searching all the TV channels automatically

Press 【↩】 to exit the automatically-search interface, and enter into the main interface of DVB-TV.

Select the TV Channel



The operation of Bluetooth

- 【 ▲ ▼ 】 to choose
- 【 ▲ 】 select the previous channel
- 【 ▼ 】 select the next channel

Select Broadcast Channel

After searching for radio broadcast channel

- 【 ▲ 】 Select the previous channel
- 【 ▼ 】 select the next channel

The Operation of Bluetooth

The Bluetooth system supports hands-free telecommunication function, as well as the function of Phone Dialing, Answering Calls and Music Playing .

Remarks before Usage

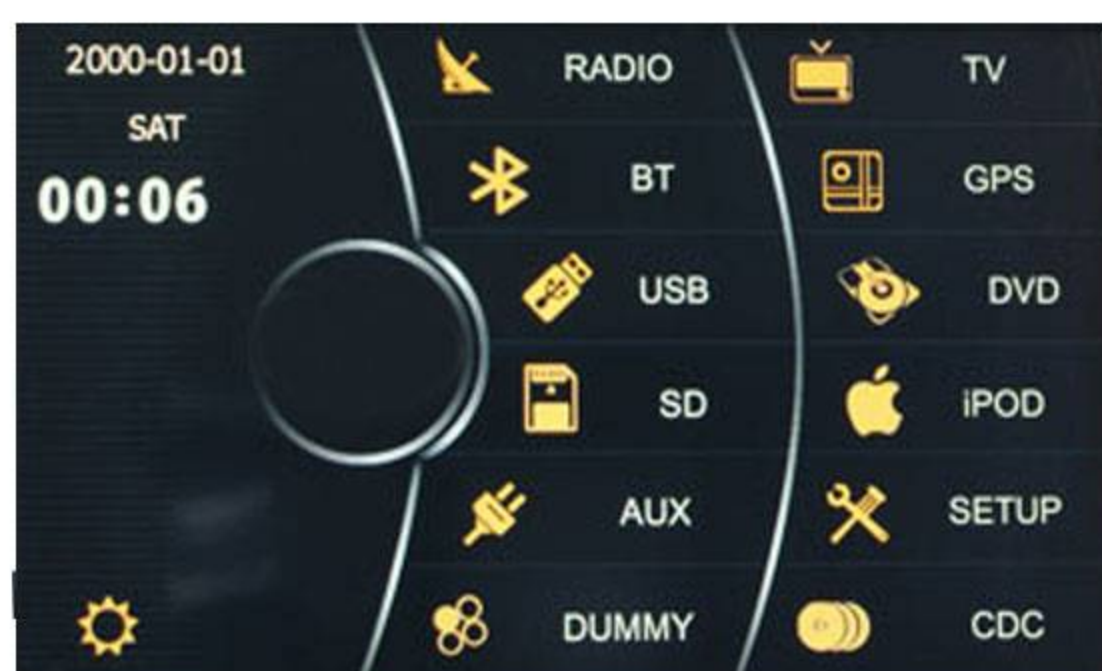
Please make sure the car DVD Player comes with Bluetooth function.

Please make sure the Bluetooth function of BT device (such as mobile phone) has been turned on, and it is highly recommended that the distance between BT device and car DVD player should be kept within 5 meters.

When you don't need to use the Bluetooth, please turn off the Bluetooth function of BT device.

The operation of Bluetooth

When on the main Menu, please press the BT icon to enter into the operation of Bluetooth.



When the connection of Bluetooth is successful, the screen will show the interface as follows:



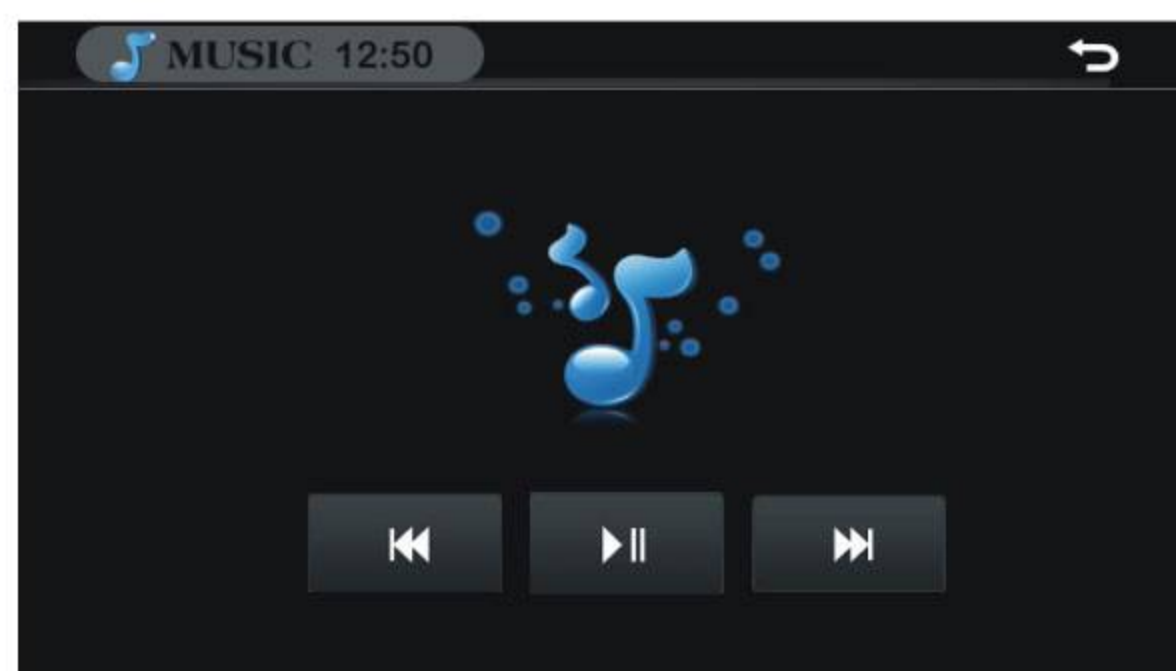
The operation of bluetooth interface



- 【 挂断电话图标 】 Hang up
- 【 接听电话图标 】 In-coming/Out-going call
- 【 蓝牙图标 】 connect the Bluetooth
- 【 重拨图标 】 redialing repeat calling
- 【 来电显示图标 】 calling ID
- 【 通话记录图标 】 Call logs
- 【 通话记录图标 】 Call note
- 【 蓝牙音乐图标 】 Bluetooth music
- 【 * 图标 】 Delete the last number you have dialed

Notes: Recent calls include all the latest in-coming calls, missed calls and out-going calls. And you can delete all the call records if necessary. And the telephone book could be download from your cellphone, but some of the mobile phone cannot support this function.

The operation of Bluetooth Music




Actually you could operate the Bluetooth Music by the following three buttons.

- 【 上一曲图标 】 : select the previous music
- 【 播放/暂停图标 】 : PLAY/Pause
- 【 下一曲图标 】 : select the next music

The operation of bluetooth and radio

The operation of Bluetooth Connection

1) Please make sure the Bluetooth of your mobile phone has been turned on first, and then press the  on the screen to start the Bluetooth connection (shown as the following picture)



2) Please search for the relevant Bluetooth device by operating your mobile phone.

3) select and connect the correct Bluetooth device in the Bluetooth searching list.

Remark: The operation for bluetooth connection might be different from each other within different brand and model of mobile phone. Thus the operation above is only for your reference.

4) With a successful connection, the screen would be shown as follows:




Mark:

Due to different software and bluetooth module among different brand of mobile phone, some function might be different or even incompatible within actual operation. Please understand that

The Operation of Radio

Press the Radio item on the main menu to enter into the following interface:



 wave band selection: FM1/FM2/FM3/AM1/AM2

 sound effect setting

 Far/Near switch


 Dimensional Sound

 Automatically search channel

 Background effect setting

 Set up

 RDS


 Picture in picture feature

 Mute switch


 The Upwards Automatic search

 The Downwards Automatic search



Manually search for the Channels

Press the  ,  to search all the Channels upwards and downwards. Once the Channel has been located, it would be locked down and keep playing automatically.


Preview the Channels

Press the  to enter into the preview mode. Totally there are 18 channels in the playing mode of FM (FM1/FM2/FM3), and 12 channels totally in the playing mode of AM (AM/1AM2)

Frequency fine tuning

Press the   to slightly turn the frequency upward and downwards.

Search the Channels Automatically

Press the  to search for the channels automatically within the whole frequency range, which would be stored automatically.

Save the Channel Manually

1) select the channel, like FM1-P1

2) please refer to the instruction of "Manually search for the channel" above, and Select your favorite radio program

3) if you press the current radio program for a long time, it would be stored in the selected channel, like FM1-P1

The device can store up to 30 radio program at most, and each wave band can store 6 radio program, such as FM1、FM2、FM3. AM1、Am2

The operation of AUX, SETUP, MP5

The selection of program

Actually the frequency could be modulated into the preset channel stored in each wave band by the preset ID.

- 1) Select your favorite wave band
- 2) Press the preset button which has stored channel information in the program list, thus you could begin to enjoy the preset channel.

The operation of AUX

Please press the 【 External In-put 】 in the main menu to enter into the interface of AUX as follows:



The operation of SETUP

Please press the 【setup】 icon in the main menu to enter into the operation interface as follows.




Language setting: to select Chinese or English

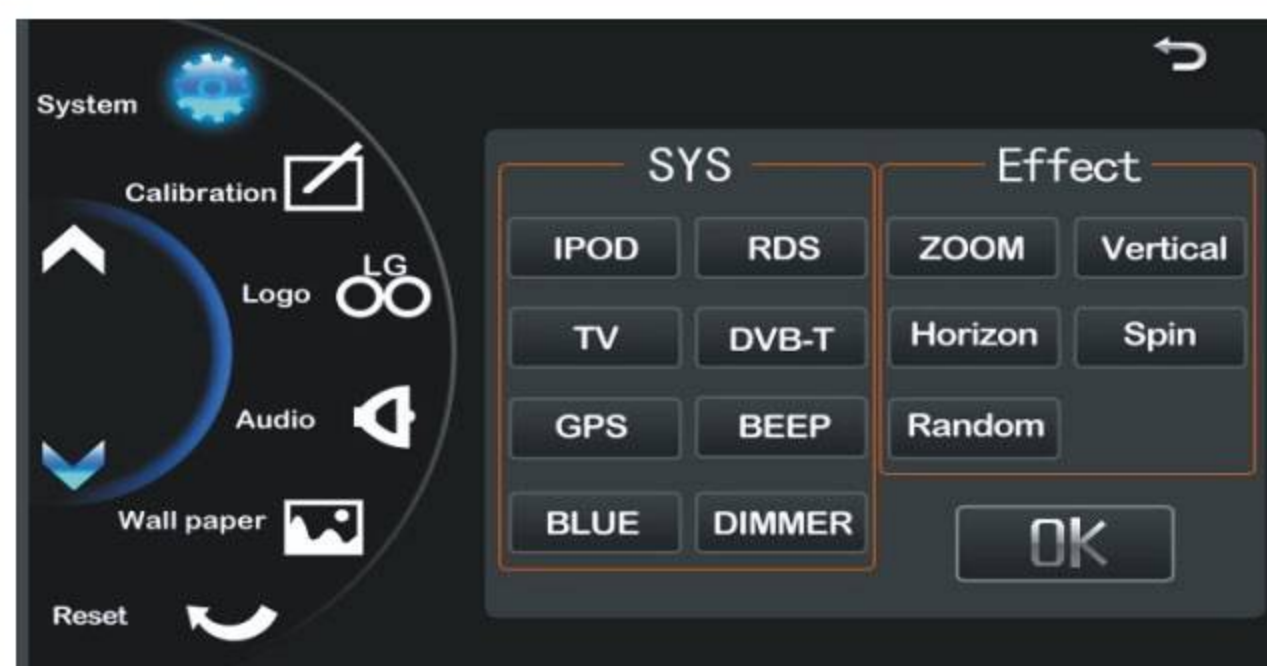
Time setting: to set up Time, Date and Tense system

Radio setting : to choose the exact wave band in different country(the password code is 888888)

TV setting: to set up different TV system mode (Remark: this function could be only applied to the analog TV, such as PAL, PBG, SDK, etc)

Navi setting: to select the correct file route for navigation, Brightness: to adjust the brightness

Press the 【】 to enter into the next interface as the following picture.



System setting: to select the function and effect you need (password: 888888)

Touch-screen calibration: to calibrate the touch screen (password: 888888)

Boot Logo setting: to set up the Logo image when you turn on the device

Audio setting: to set up the sound effect and the sound balance

Wall paper: to set up the background images

Reset: to restore settings (password: 888888)

The Operation of Mp5

Press Mp5 in the main menu to enter into the MP5 function, and you can play the media files in the SD card or in the USB device (Remark: this function is optional)

The operation of DUMMY function


Press the DUMMY icon on the main menu to enter into the function as follows: (Virtual 8 disc exchanger--only for CD)



【】 : Record the disc

【】 : play

【】 : stop

【】 : previous

【】 : next

Radom: play the virtual disc randomly

Repeat: play the virtual disc repeatedly

Delete: delete the song (music) in the virtual disc

The operation of rear and steering wheel control

Click Record button to enter into recording interface as follows:



Click the disc which needs recording, then click ok; then click the song which needs recording, Click ok, then the recording begins.

The operation of Rear

Click the icon Rear in the main menu to enter into Rear setting as follows



Click the preferred Rear option, then click ok.

If you need to turn off the rear, please click the icon OFF first then click OK.

Regarding the volume control of Rear, please use the VOL+ and VOL- on the remote control. (rather than the volume rotary knob on the panel)

The operation of steering wheel control

Click the icon SWC in the main menu to enter into the interface of steering wheel control: password "888888", as follows:



Press the |Reset| and set all the buttons on the steering wheel to reset all functions:

1. VOL+
2. VOL-
3. Δ
4. V
5. MUTE
6. MODE

With the above operations, the KEY1 or KEY2 will detect the 6 corresponding voltage as follows:

- | | | |
|---------|---------|---------|
| 1、 3.3V | 2、 2.9V | 3、 2.5V |
| 4、 2.1V | 5、 1.8V | 6、 1.1V |

Press the icon "Assign"

Press "3.3V" and then press "VOL+",

Press "2.9V" and then press "VOL-",

Press "2.5V" and then press " Δ ",

Press "2.1V" and then press "V",

Press "1.8V" and then press "MUTE",

Press "1.1V" and then press "MODE".

After the assign setting above, please press |Enter| to finish the SWC setting.

Remark :some auto may turn up Two voltage values which is less than 0.2V. In that case, the device will not work well for this SWC function unless you select the |Low impedance| icon and reset it.

Remark: The optional functions for customers are subject to change without notice. (such as Mp5, IPOD, DUMMY, 3G)

Trouble Shooting

Before the machine is sent for maintenance, please refer to the table below and try to figure out possible reasons for problems of the machine first. In this way, it would probably solve problems and make the machine return to normal again by corresponding checking or minor adjustment. Otherwise, if the problem couldn't be solved out via the instructed solution in the table, please contact our company or other professional maintenance.

Fault	The Cause	Solution Way
No power	1. Fuse off 2. Acc terminal unconnected	1. Exchange another same spec fuse 2. Connect with ACC terminal
Cannot be controlled or abnormal	Microprocessor fault	Please turn off and reset
No image	Brake	Re connect brake wire
Screen dark	Environment: temperature is too low	It is normal when liquid crystal lightness dark at low temperature, please turn on the unit and wait until warm up, it can restore normal brightness.
Radio receiver sensitive low	1. Antenna was not connected properly. 2. Antenna has not been pulled out.	1. Connect antenna properly. 2. Pull the antenna out.
No sound or sound is too low	1. Unadjust the volume. 2. Unadjust the balance or FADER. 3. the input and output wires are not connected.	1. Adjust to suitable volume. 2. Adjust suitable volume of left right/front and rear speaker. 3. Connect input and output wire properly.
DVD/VCD/CD Image and sound hold-up	Dirty disc	Clear disc or change a new one
No disc	Laser lense frozen	Please turn on power for 30 minutes to warm laser lense up
Disc cannot read	If It's USB or SD interface	Back from USB or SD to main menu, press Disc icon and read Disc again
Remote control valid distance is too near, no reaction.	The battery has run out	Change the same spec battery
Screen become brighter when the light inside car is turned on	Auto bright function start work	This unit is designed in auto dimmer, It can adjust the brightness according to the light of environment. If you don't need it, please set it as "off"
Image/sound sometimes have , but sometimes haven't	Connecting wire loose	Please reconnect the related wire
Audio distortion	1. Screw for fixing speaker is loose 2. Wrongly connected with speaker wire	1. Fix the speaker correctly 2. Connect the wire with speaker