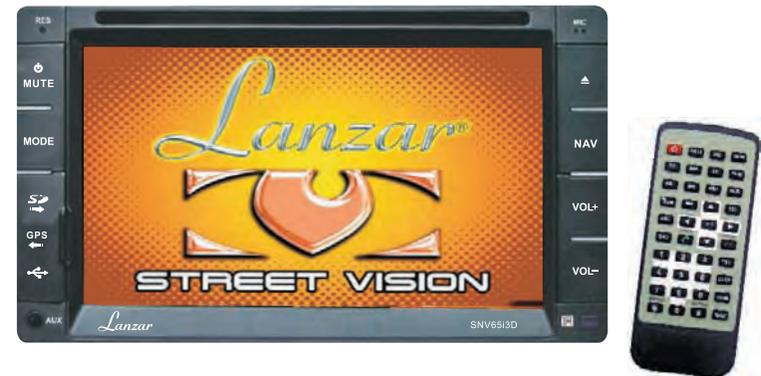


Lanzar®

OWNER'S MANUAL



MODEL NO.: SNV65i3D

www.lanzar.com

SNV65i3D

6.5" Double DIN In-Dash Touch Slide Control Screen TFT/LCD Monitor w/DVD/CD/MP3/MP4/USB/
SD/AM-FM/RDS/3D UI/Bluetooth & Screen Dial Pad Built-In GPS/
TTS w USA/Canada & Mexico Maps

Thank you for selecting our products! Hope this user's manual facilitate your understanding of product operating method. Before use, please be sure to read it carefully for safe operation and better entertainment.

Special statement:

1. The product appearance showed on this manual may be different from the physical one. Please prevail in kind.
2. This manual has detailed descriptions of our products as much as possible. Our company is committed to continuously improve product performance. If there is any appearance, color, and function discrepancy between the product showed on user's manual and the physical one, please prevail in kind. Product improvement and update are subject to change without prior notice. Please understand. Our company has the right to make final description of the user's manual of this product.

Features:

- GPS multimedia entertainment system, with standard fitted installation size.
- High definition digital screen.
- Stylish and compact interface, easy operation, more humanization design
- With built-in DVD player and automative DVD mechanism
- With built-in GPS navigation system(optional)
- With bluetooth function, support hands free cell phone calls(optional)
- Full-automatic or fixed panel, a variety of models to choose from
- Built-in iPOD/SD/USB/AUX IN. Enjoy a variety of audio and video entertainment.
- With built-in AM/FM receiver; RDS available
- Built-in 50W x 4 amplifier output, 4.1 channel line output
- Full-function touch control operation
- With built-in Analog TV (optional)
- Rearview camera input, automatically change to rearview when reversing (A camera is needed)
- With touch-screen which can be switched off when not in use to save energy and avoid interference of night driving



Attention: Before installation, please carefully read all the instructions.
Car audio professional vendors' guidance are recommended for the installation.



This model fits automobile 12V power supply system(ground wire should be connected). Please do not install it directly in truck or bus with 24V power supply, otherwise will cause machine damage.



Original disc is required. Please do not use non-standard or inferior disc, otherwise may cause machine malfunction or serious impact on its service life.



Replace of power fuse without professional instruction is prohibited.
The improper use of fuse will cause machine damage or a fire.



Machine operation is prohibited when driving, otherwise it may affect the safety of driving and cause an accident. The driver shall not watch the programe and operate the machine when driving so as to avoid traffic violation and traffic accident(unless caused by passenger watching the programe through the monitor of back area)



For safety and proper use of the product, please send this machine to professional person for installation. Self-disassembling or repairing the machine is forbidden to avoid machine damage and accident. For the details, please contact local professional car audio dealer.



Do not place the unit in moist and humid conditions to avoid electric shock, damage and fire caused by short circuit.



The drive parts of the display screen are precise transmission components. Do not hand a strong push, pull and turn the machine, or strike the TFT display screen, to avoid machine damage.



Do not touch the screen with hard objects to avoid touch screen damage.



Attention: To avoid short circuit, please stall the car and disconnect ACC and the connection with B+.

Table of contents

Basic operation	3
Starting up	3
Power off	3
Main interface	3
Function mode selection	4
Volume & sound adjustment	4
Operating area of touch screen	5
System setting	5
System reset	5
Panel key operation	5
Remote control operation	7
Function operation	8
1. Play disc	8
Insert disc	8
Eject disc	8
Restart the disc loading	8
DVD play touch screen contro key	11
DVD play information	12
Searching play	12
Play JPEG file	13
VCD play touch screen control key	13
CD/MP3/WMA play touch screen control key	13
2. Play Radio	14
RDS	15
3. Play SD/USB	16
4. Play iPOD	19
5. TV	19
6. AUX IN	21
7. Camera	21
8. Bluetooth	22
Pairing	24

Make a call.....	24
Answer a call.....	21
Play phone's music.....	21
9. GPS	24
GPS operation	25
GPS ON/OFF.....	25
Main function.....	25
Touch screen.....	26
SD memory card.....	26
Detailed instructions of GPS operation.....	26
Touch screen correction.....	26
GPS navigation setting.....	28
Audio player.....	30
Vedio player.....	33
Ebook.....	36
Picture Viewer.....	38
Basic settings.....	39
System setting	47
1. EQ setting	47
2. System setting	48
General setting.....	48
User setting.....	50
Vedio setting.....	52
Audio setting.....	52
Bluetooth setting.....	53
Troubleshooting	55
System Parameter.....	57
Audio and Video knowledge.....	58

Basic operation

◆ Starting up

Insert car keys to turn on ACC, then the system will automatically enter into the status before ACC close.

Under the state of system off, short press of Φ /MUTE key or other keys can turn on.

◆ Power off

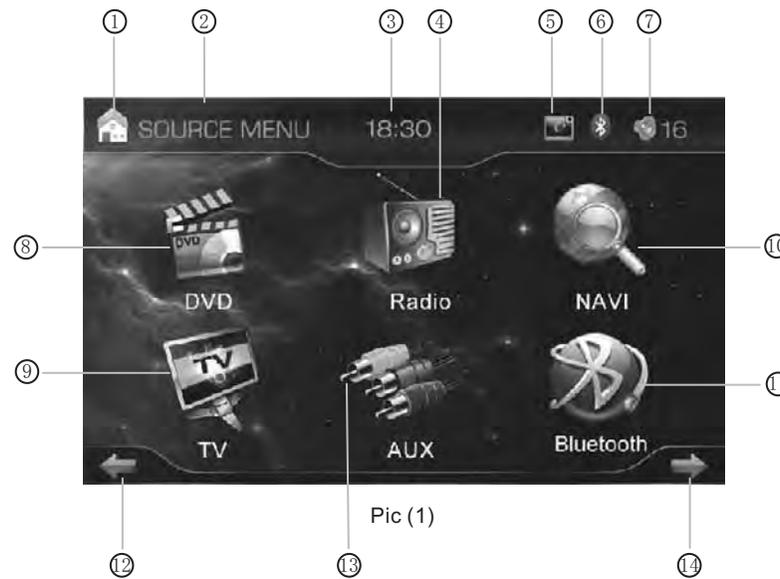
Pull out the car keys, the system will automatically turn off. If it is switching mechanism, it will automatically withdraw.

Long press (more than 2 seconds) of Φ /MUTE key in the panel, the system will turn off.

◆ Main interface

In the status of ON, touch the top left of the screen to enter into main interface.

The system provides functions of DVD, Radio, SD card, USB jack, Bluetooth, TV, GPS, Ipod, Aux in, Rearview camera input. Touch the icons in the main interface to enter into the relevant function.



- | | |
|--|----------------|
| 【1】 Main interface | 【8】 Disc play |
| 【2】 Current playback source indication | 【9】 TV |
| 【3】 Time | 【10】 GPS |
| 【4】 Radio | 【11】 Bluetooth |
| 【5】 Power saving mode | 【12】 Page up |
| 【6】 Bluetooth/Buletooth shortcut key | 【13】 AUX input |
| 【7】 Volume/EQ shortcut key | 【14】 Page down |



Pic (2)

- | | |
|-------------|-------------|
| 【1】 SD card | 【3】 Setting |
| 【2】 USB | 【4】 iPod |



Note: some functions above are optional. If there is no input source of the above function or no such function, a prompt box "No input source" will pop when touching the related icon

◆ Function mode selection

Touching the function icon of main interface, you will enter into corresponding function mode.

◆ Volume & sound adjustment

The volume can be adjusted from 0-40 through VOL+/VOL- or VOLUME key. The initial value of volume is 10. Under audio play mode, sound adjustment menu will come out by touching EQ key on the screen. Rock, rap, dance, latin, rave, urban, vocal and personal sound are available for choice. In personal sound status, users can adjust it according to their favor.

◆ Operating area of touch screen

Under mode of playing DVD and VCD, touch areas are shown as below:

Area A: enter system main menu

Area B: enter display of play information

Area C: enter and select previous section (item)

Area D: enter function and state control key

Area E: enter and select next section (item)

Area F: turn off display screen. A light touch anywhere in the screen will turn on the screen again.

A	B	F
C	D	E
	D	

Pic (3)

◆ System setting

Under audio play mode, a light touch of  key to enter system menu setting interface, including language setting, video setting, general setting and so on. Users can set the modes according to their own preference.

◆ System reset

When there comes crashes or other abnormal working phenomena caused by illegal operation, a light touch of **RES** key with round tapered object will restart the system and it will resume normal operation.

Panel key operation

【1】 ...IR Infrared window for remote control

【2】 ...  MUTE short press for mute; long press for power on/off.

In the standby status, short press to start the system.

In the turned on status, long press to shut down the system.

In the turned on status, short press to close/ open the volume.

【3】 ... VOL- Volume decrease

【4】 ...MIC Microphone window

【5】 ... VOL+ Volume increase

【6】 ... NAVI GPS

Short press: Switch between current play status and GPS.

Long press: Display picture in picture. PIP position can be dragged. Click the PIP, the display ratio will be enlarged; Click again, PIP will be closed. (Without video input source, there will be no PIP displayed.)

...NAVI/P Conversion between GPS and PIP display.

【7】 ... Insert/eject a disc

【8】 ...RES Reset key

【9】 ... 

【10】 ... 

【11】 ...USB port

【12】 ...PIP display under GPS mode

【13】 ...MMC MMC port

【14】 ...AUX IN jack

【15】 ...HOME (MENU) Back to main interface

【16】 ...DIM Color display adjustment

【17】 ...  /  Short press to slide down; long press to eject disc (apply to slide down DVD only)

【18】 ...BT Bluetooth interface

【19】 ...TV interface

【20】 ...RADIO Radio interface

Remarks:

1. Long press(3 seconds) of any icon in the main interface, then the icons can be dragged and rearranged at will.
2. Under the main interface, slide the touch screen from left to right to switch to main interface page up; slide the touch screen from right to left to switch to main interface page down.
3. Under any interface, press the touch screen lightly and rotate clockwise to increase volume; rotate counter clockwise to decrease volume.

Remote control operation



Caution:

1. Service life of battery is about 6 months under normal conditions. If the remote control cannot be operated normally, battery shall be replaced in time.
1. If the remote control is out of service for a long time, the battery shall be taken out to prevent liquid leakage that can damage the remote control.
2. Avoid dropping the remote control to prevent damage.
3. Do not disassemble the battery, or put battery into fire or place with other metal articles.
4. Place the battery of remote control in a safer place to prevent the children from swallowing the battery. If the child swallows the battery by accident, please bring him/her to see doctor immediately.



Key name	Function
MODE	Mode conversion
EJECT	Key for ejecting/suctioning disc
OPEN	Key for opening and closing screen
	Power switch on/off key
1 2 3 4 5 6 7 8 9 0	Numeric key
VOL+ VOL-	Increase/decrease volume
MUTE	Mute key
UP DN	Screen angle adjustment
SETUP	Enter system setting menu
INFO	DVD information, GPS shortcut key
	Repeat single/folder
MENU	System main interface
RAN	Random play switch
SCAN	Scan play
	left/right/up/down to select and confirm. When playing disc, left/right is to control last/next.
SRCH	Searching play
ZOOM	Under DVD mode, key for image zoom
SLOW	Slow down from 1/2 to 1/7

	Play/pause
	Stop
ANGLE	Under DVD mode, key for switching angles (supported by dvc)
PIC	Display screen brightness, contrast, color adjustment key, to be used in conjunction with direction key
SUB-T	subtitles selection
AUDIO	language selection

Function operation

1. Play disc

The system can read DVD/VCD/CD/MP3/MP4/WMA/JPEG/MPEG, etc. It only supports 12CM stand disc. The disc can be read and played automatically.

◆ Enter

When there is a disc in the device, touch the top-left corner of the touch screen lightly and click DVD icon in the main interface.

Insert disc in other playback processes except when reversing a car.

When there is a disc in the device, press MODE key in remote control.

◆ Exit

Select other function mode or eject the disc.

◆ Insert disc

Insert the disc into disc inlet slightly, the disc will be suctioned into the device automatically.

◆ Eject disc

Press  in the panel or press EJECT key in remote control to eject disc.

◆ Restart the disc loading

When there is a problem in disc loading or reading disc, press  for more than 3 seconds, the disc will be popped out and system will resume normal operation.



Attention:

1. Please use standard and genuine discs and keep discs clean. Proper usage can assure normal service life of this system.
2. If children lock is activated, system will require password before reading the disc.
3. Disc cannot be inserted when the device is power off. Before inserting a disc, please check if there is already a disc in the device

◆ DVD initialization interface



Fig (7)

- 【1】 .. External source type instruction, disc inserted.
- 【2】 .. In DVD menu, control the cursor to move up.
- 【3】 .. In DVD menu, control the cursor move left.
- 【4】 .. In DVD menu, control the cursor move down.
- 【5】 .. Click to select next section(item)
- 【6】 .. Click to select previous section(item)..
- 【7】 .. Fast backward(for each click, it will fast backward at 2,4,8 and 20x).
- 【8】 .. Fast forward(for each click, it will fast forward at 2,4,8 and 20x).
- 【9】 .. Play/pause
- 【10】 .. Stop key(Click to stop playing; click play key again, it will play the disc from the first item).
- 【11】 .. Disc play window. Double click the frame, the disc will be played in full screen.
- 【12】 .. Play/pause.
- 【13】 .. In DVD menu, control the cursor to move right.

◆ DVD play touch control key

When playing DVD, touch area D, the system will pop up a play control menu shown as below pictures.



Pic (8)



Pic (9)

【】 ...Searchingn play. Press this key, a small search interface Shown as Pic (10) will pop up. Users can choose any item they want, then system will directly turn to that item and play.

【】 ...system setting.

【】 ...Exit function menu.

【】 ...Fast forward(for each click, it will fast forward at 2,4,8 and 20x).

【】 ...Fast forward(for each click, it will fast forward at 2,4,8 and 20x).

【】 ...Previous section

【】 ...Next section.

【】 ...Play/pause.

【】 ...Stop.

【】 ...Page turning.

【**MENU**】 ...Click the key to enter primary menu of the disc. 【**EQ**】 ...Click the key to enter sound setting.

【**AUDIO**】 ...Language selection.

【】 ...Repeat section/ title. or click to close repeat play.

【**A-B**】 ...Repeat and play section(Click for first time to select starting point A, click for second time to select end point B, the system will repeat and play section between A and B. Click for thid time, function of repeat and play section will be turned off.)

【**SUB**】 ...Subtitles selection.

【 TITLE 】 ...Click the key to enter title menu.

【  2/2 】 ...Page turning.

【 INFO 】 ...Click the key to display current play information.

◆ Searching play

Search keyboard

【 Track 】 ...Search file display on order.

【 Exit 】 ...Exit numerical keyboard menu.

【 ← 】 ...Delete the number entered.

【 OK 】 ...Confirmation

【 1.2.3.4.5.6.7.8.9.0 】 ...Numeric key



Pic (10)

◆ DVD play information

Light touch of OSD key, DVD play information will be displayed on the top screen.



Pic (11)

【 DVD 】 ...Display current play source

【 T: 】 ...Display title. 3/5 shows that the disc totally has 5 titles, and currently it is playing the third title.

【 C: 】 ...Display section. 1/8 shows that the current title has 8 sections, and it is playing the first section.

【 00:09:28 】 ...Disc playing time

【 Chi】 ... Current subtitle status. 3/4 shows that the disc totally has 4 subtitles, and current it is in the third one-Chinese subtitle.

◆ Play JPEG file



Pic (12)

【 Search】 Searching play, Press this key, a small search interface Shown as Pic (10) will pop up.

【 Gear】 ... system setting.

【 Exit】 ...Exit function menu.

【 Rotate】 ...Rotate picture (Click the key continuous, the picture will be rotated clockwise in 90 degrees, 180 degrees, 270 degrees and 0 degree in turn)

【 Left】 ...Previous picture.

【 Right】 ...Next picture.

【 Play/Pause】 ...Play/pause.

【 Size】 ...Increase/decrease picture size. Light touch of this key to increase picture size to 4/3, 3/2, 2, and 3 times, then to decrease it to 1/2, 3/4 of the original size.

【 Stop】 ...Stop.

【 Repeat】 ...Repeat play.

【 INFO】 ...Key to display the information of current picture.

◆ VCD play touch screen control key

The touch control keys of VCD play operation is the same with those of DVD disc play menu.

PBC function is only valid for VCD2.0 disc.

◆ CD/MP3/WMA play touch control key

2. Play radio

After enter radio function mode, the system will automatically play the radio station existed last time. Or touch the screen lightly to select prestore station to play. The operations are shown as pic(13).

◆ Enter

Touch Radio icon in main interface or presee MODE key in remote control to switch to radio mode.

◆ Exit

Select or automatically enter into other play mode.



Pic (13)

【1】 ...Area for displaying current station information.

【2】 ...Area for displaying current station frequency

【3】 ...ST/LOC. It is valid only when ST/LOC function is opened.

【4】 ...FM frequency range

【5】 ...AM frequency range

【6】 ...RDS key. Press this key, RDS interface will popped up, shown us Pic(14).

- 【7】 ...Key for prestore radio station/ programe type
- 【8】 ...Press the key to switch radio band.
- 【9】 ...Key for automatic searching station
- 【10】 ...Last valid radio station
- 【11】 ...Next valid radio station
- 【12】 ...Frequency trimming upward
- 【13】 ...Frequency trimming downward
- 【14】 ...LOC short-distance radio station receiving button. Press this button, then the local broadcasting radio with strong signals will be searched and received in priority.



Fig (14)

【1】 ...AF/TA compund button. Long press for AF function (this function aims at automatically optimizing frequency of current channel. If there is break of some frequency point or poor signal of broadcasting radio station, the system will automatically switch to another requency point with fine signal of the same radio station.) Short press for TA fuction (This function aims at that the system can automatically switch to current radio channel under any mode if the system detects emergency traffic news.)

【2】 ...PTY button. Long press to change the default programme type and search; Short press to search default programme type and the searching interface is show as Pic(15).

【3】 ...RDS button

【4】 ...RDS message box, displaying radio test



Pic (15)

3. Play USB/SD

Format supported by USB/SD: WMA/MP3/MPEG/JPEG video

files.

When playing MP3/WMA format, functions of the operating menu are similar to those of CD/MP3/WMA play.

When playing information in JPEG format, functions of the operating menu are similar to those of JPEG file play.

When playing information in MPEG format, function of the operating menu are similar to those of DVD disc play.

When reading USB/SD, the right display window can become picture in picture effects. Click the picture to enter into single USB/SD reading interface shown as Pic(16).

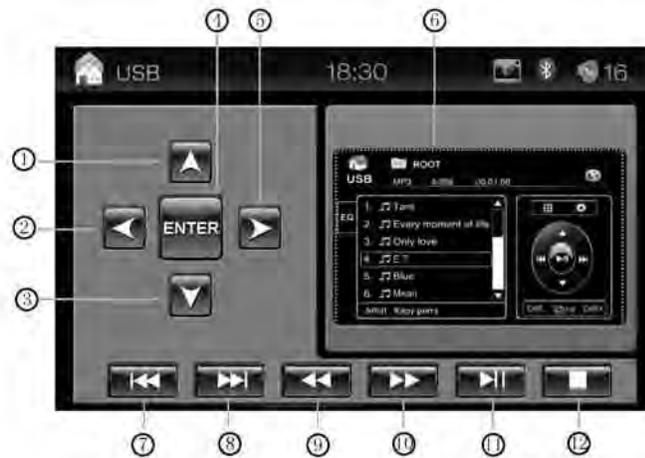
◆ Enter

Touch SD/USB icon in main interface or presee MODE key in remote control to switch to radio mode.

When the device is under running state, the system will automatically switch to USB/SD play mode after connecting to USB/SD.

◆ Exit

Select or automatically enter into other function mode play.



Pic (16)

- 【1】** ...Last. When enter into DVD playlist, the cursor will move up.
- 【2】** ...When enter into DVD playlist, the cursor will move left.
- 【3】** ...Next. When enter into DVD playlist, the cursor will move down.
- 【4】** ...Pause/play
- 【5】** ... When enter into DVD playlist, the cursor will move right.
- 【6】** ...Play windo. Click the play interface, system will enter into full screen mode shown as Pic (17).
Under full screen mode, in slide down mode, click to return to small window playback mode.
- 【7】** ...Last
- 【8】** ...Next
- 【9】** ... Fasts backward
- 【10】** ...Fast forward
- 【11】** ...Pause
- 【12】** ...Play



Pic (17)

- 【1】** ...Back to USB interface
- 【2】** ...The name of current file.
- 【3】** ...The attribute of current file, such as file type, file order.
- 【4】** ...Quick Search. Pressing this key, a keypad for quick search will pop up. Enter a number, system will skip to the corresponding file and play it.
- 【5】** ...System setting. Pressing this key, it will skip to system setting interface.
- 【6】** ...EQ setting. Pressing this key, it will skip to EQ setting interface for sound quality, audio and other personalized settings.
- 【7】** ...Display area for the content of playlist file.
- 【8】** ...Display area for the related information of play file.
- 【9】** ...Last
- 【10】** ...Fast backward(for each click, it will fast backward at 2,4,8 and 20x)
- 【11】** ...Fast forward(for each click, it will fast forward at 2,4,8 and 20x).
- 【12】** ...Play/pause
- 【13】** ...Next
- 【14】** ...DIR+. When there are several files in USB/SD card, press this key to switch between different folders.

【15】 ...Key for page turning. Press this key to turn to next page, shown as Pic(18).

【16】 ...DIR+. When there are several files in USB/SD card, press this key to switch between different folders.



Pic (18)

【17】 ...Random play.

【18】 ...Cycle play.

【19】 ...Page turning

4. Play IPOD

This system supports iPOD audio and vedio playing.

◆ Enter

When the device is under running state, the system will automatically switch to iPOD play mode after connecting to iPOD. (Note: It must set iPOD in the system menu to be automatic connection state.) When iPOD is connected to the device that is not under running state, it shall click iPOD icon in main interface/click MODE key in remote control to switch play source to iPOD play mode.

◆ Exit

Select or automatically turn to other play mode.

The playing mode and initial mode are similar to those of USB interface.

5. TV (If equipped)

The system is built-in TV function(optional). It supports TV signal inputs of all colour and sound systems.

◆ Enter

Click TV icon in main interface/press MODE key in remote control to switch and enter TV mode shown as Pic(19).

◆ Exit

Select or automatically turn to other play mode.

 Attention: If there is no TV signal, it will be blue screen. Light touch of the screen will pop up TV operation menu.



Pic (19)

【1】 ...Stored list of valid TV channel.

【2】 ...Click the key, the system will search valid TV channel toward low-end frequency and stop until channel is searched.

【3】 ...Click the key, the system will search valid TV channel toward high-end frequency and stop until channel is searched.

【4】 ... Last valid TV channel

【5】 ...Next valid TV channel

【6】 ...Click key to enter AS function, it will automatically search and pre-store channels.

【7】 ...Click the key, the system will scan channels with stronger signals for 10s respectively within full channels.

【8】 ...TV display window. Click the picture, it will switch to full screen display. Under full screen display, slide down the picture, it will return to small window display interface.

6. AUX in (Auxiliary device input)

The system has 2 audio inputs and 1 video AUX auxiliary input. AUX in enables external media sources to connect to the system, like camera, video game, walkman, external navigation box (controlled by remote control) etc. Input without Auxiliary device displays shown as Pic(20).

Under AUX in play mode, click area A at top-left corner of the touch screen to return to the main interface; Click area F to close the display; Click area D to display system setting and EQ setting interface.

◆ Enter

Click AUX icon in main interface/press MODE key in remote control to switch play source to AUX in play mode.

◆ Exit

Select or automatically turn to other play mode.



Pic (20)

7. Camera

Under this function mode, Camera should be connected to the camera video input jack first, and then set inback-draft display mode to avoid display image reversed around which will lead to driver's miscalculation

◆ Enter

Click CAMERA icon in main interface/press MODE key in remote control to switch play source to rear view mode. Or put the car in reverse gear and connect the REVERSE wire, it will automatically turn to rear view mode.

◆ Exit

Select or automatically turn to other play mode; Exit reverse gear.

8. Bluetooth (if equipped)

This device has bluetooth and hand free function. If your mobile has bluetooth function, it can set up point-to-point connection with this device. To make and receive calls as well as play music are achievable on the screen.

 Note: 1. The mobile must support bluetooth A2DP agreement to play music.
2. When the device is under running state, regardless of any present mode, the system will automatically switch to bluetooth and hand free mode if a call is in.

◆ Enter

Click Bluetooth icon in main interface/click the small icon for BT in the top right corner of the screen/press MODE key in remote control to switch to bluetooth and hand free mode. When the bluetooth of mobile is connected with the system, it will automatically switch to bluetooth and hand free mode if a call is in.

◆ Exit

Select or automatically turn to other play mode. Or hang up the phone.



Fig (21)

Bluetooth interface function division

- 【1】 ...Area for mobile music play
- 【2】 ...Area for mobile information display
- 【3】 ...Area for mobile pairing function
- 【4】 ...Area for dialing
- 【5】 ...Area for number dialed display



Fig (22)

- 【1】 ...Touch this key to play Bluetooth music when bluetooth is connected.
- 【2】 ...Touch this key to stop Bluetooth music when bluetooth is connected.
- 【3】 ...Touch this key to automatically search the last item of bluetooth music when bluetooth is connected.
- 【4】 ...Touch this key to automatically search the next item of bluetooth music when bluetooth is connected.
- 【5】 ...Pair key. Touch this key to connect or disconnect the paired bluetooth of this device with the mobile.
- 【6】 ...Mobile and bluetooth witch key. Touch this key, phone call will turn to mobile. Touch again, phone call will return to bluetooth.
- 【7】 ...Answer the call / make a call. Light touch of this key to open the current call.
- 【8】 ...Hang up. Touch this key to end the current call.

【9】 ...Touch this key to return to previous menu.

【10】 ...Delete. Touch this key to delete the wrong number dialed.

◆ Pairing

Enter into bluetooth interface, then touch **【5】** key, "Phone Pairing" will come out. Whilst open the phone's bluetooth device, and search for new pairing. When phone search out the device bluetooth, that is the name of native bluetooth device, select this device and connect it. Input a password(default password 0000), the phone will Pair with the device automatically. After pairing, the bluetooth sign is not flashing. If the bluetooth sign keeps flashing, wich indicates disconnection, try it again till it actually connects.

◆ Make a call

Enter the phone number by the number key-press in bluetooth interface. Click dialing key to make a call. Or select the phone number from missed calls, received calls, dialed calls list and then click dialing key to make a call.

◆ Answer a call

When this device is on, if a call is in, the system will automatically switch to bluetooth and hands free mode interface. If bluetooth setting of system menu is Auto Answer Mode, the system will answer a call automatically. If setting is Manual Answer Mode, click dialing key to answer a call. Click hang up key to end the call. While calling, users can click hang up key to end the call.

◆ Play phone's music

Click **【6】** key to switch to music play interface. Click play keys to play different music formats restored in the phone.

 Note: 1. Music play function is only achievable when the phone supports A2DP agreement.
2. Due to different types of phones, music can be played either by choosing Music Play on the phone or clicking Play key in bluetooth interface.

9. GPS

◆ Enter

Click NAVI icon in main interface/press MODE key in remote control/press NAVI key in panel to

enter GPS mode.

◆ Exit

Select or automatically turn to other play mode. Press NAVI key in panel to enter other modes.

Note: 1. Display interface differs from module to module, but their function operation is similar.

! 2. Touch screen needs to be corrected in first use of navigation. Please follow the on-screen instructions. In the console interface, click "touch screen" to enter touch screen correction.

GPS operation

1. GPS ON/OFF

Insert the car ignition input interface (or other 12V power supply) into the DC plug seal, then click GPS icon in DVD main interface, system will enter an interface with LOGO and progress cursor. About 7 seconds later, the system will automatically enter GPS master console interface.

2. Main function

A. GPS navigation. This function is valid only when SD card with parameter matched navigation software is inserted.

B. Audio play. It supports formats of MP3/WMA/WAV. It can be switched between random play and cycle play. It can display detailed information of audio file.

C. Video play. It supports formats of MP4/MPEG/MPG/ASF/WMV /MOV/AVI/3GP/3G2/K3G/M4V/MQV/WM/DIVX/MKV/OGM/VVX/ MLV/MPV. It supports file adding/deleting, schedule adjustment, time display, pause, full-screen play, etc.

D. Ebook. TXT format text reading. Support page input.

E. Picture Viewer. It supports formats of bmp, jpg, gif, png. It supports picture zoom, rotation and slideshow, etc.

F. Setting. For navigation, GPS monitor, language, skin, transitions, touch screen calibration, date and time, volume settings and system information setting.

G. Bluetooth. This function is valid only when user's mobile support bluetooth function.

H. CMMB digital TV. This function is only valid with CMMB signal coverage.

3. Touch screen

- A. Click: click the screen
- B. Double-click: quickly click screen twice
- C. Drag: Hold down a point, then drag

Note: The screen may be scratched by any sharp or rough objects.

4. SD memory card

This device is with built-in SD memory card slot. The software or multimedia files can be stored in SD card and displayed in the device.

- A. Insert the SD memory card into the slot properly and push the card in. When hearing a click, it indicates that the card is inserted.
- B. When removing the SD memory card, please push the card, then it will automatically pop up.
- C. The device should be in OFF status when inserting/removing the SD card.
- D. When the SD card is in use, please do not remove it to avoid data error or lost.

Detailed instructions of GPS

1. Touch screen correction

- Turn on the device and enter GPS main interface shown as below picture:



■ Click “ Setup” to enter system setting interface shown as below picture:



■ Click “ Touch Screen” icon to enter touch screen correction interface.

- A. Press the central part of the cursor according to picture hint until the cursor is corrected and moved to up-left corner, and then correct the cursor at low-left corner, the cursor at low-right corner and cursor at up-right corner in turn.
- B. If correction fails, it will automatically enter re-correction interface.
- C. If correction is finished successfully, “OK” will displayed in the screen. Click any place in the touch screen to save correction and exit correction picture.
- D. After touch screen is corrected, the system will memorize the correction result. If power supply is shut down, it is unnecessary to correct the screen while electrifying because correction has been finished well while leaving factory.

Note: If touch screen has been corrected, this correction step can be omitted.

2. GPS navigation setting

A. Navigation software installation instruction

- Insert SD card with parameter matched navigation software.
- After system start operation, enter system setting interface shown as below picture:



- Click navigation setting icon  to enter navigation path setting interface shown as below picture:



- Click  icon, then select the navigation process(usually a file with EXE extention) according to access path of navigation software.
- In the interface shown as above picture, select "Run navigation software automatically at startup".
- After selecting navigation software file, click  icon to exit and return to the console interface.
- Navigation software running
- Click  icon in the console interface to enter navigation interface.



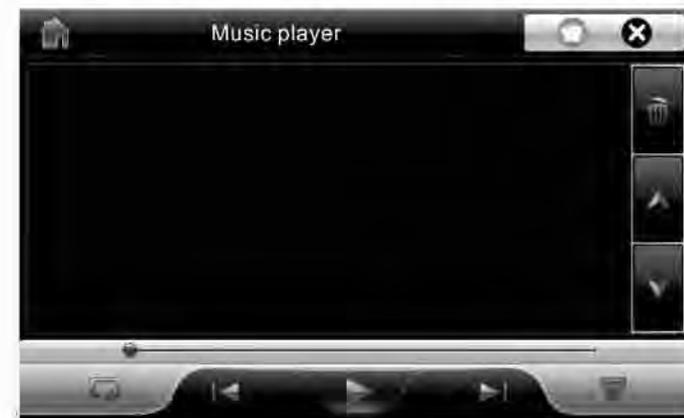
Note: For operation of map software, please refer to operating instruction of map software.

3. Audio player

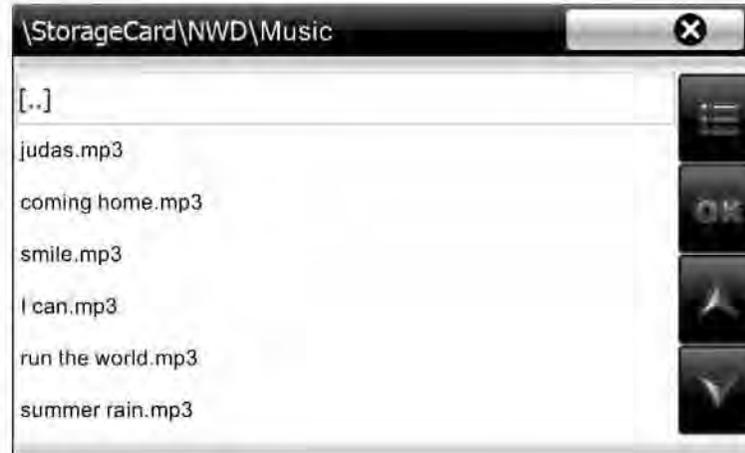
■ Click  icon in the navigation interface to enter entertainment main interface shown as below picture:



■ Click  icon to enter music player shown as below picture:



- Click  icon in music player interface to select access path of the audio files and enter the interface as below:



- A. Select a single music file
- Click and select an audio file to play.
 - Click  icon or double click the file to enter music play interface shown as below picture:

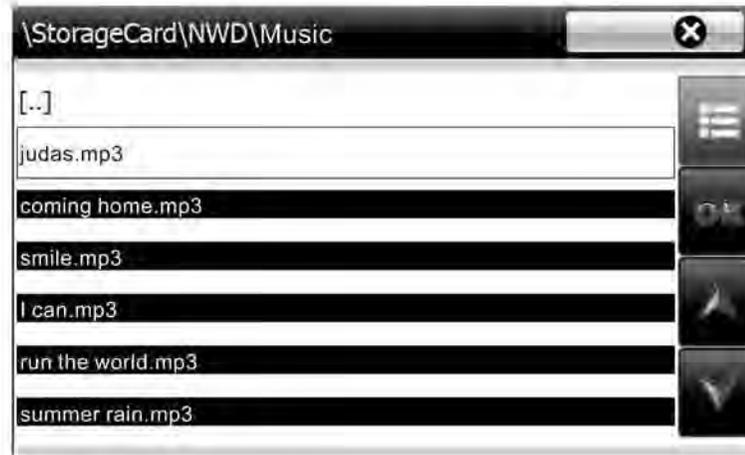


- Click  icon of the music play interface, music file details will be displayed, shown as below picture:



- a) Select all music files

- Click  icon and select all music files, shown as below picture:



4. Video player

- Click  icon in entertainment main interface to enter video player interface, shown as below picture:



- Click  icon in video player interface to select access path of the video files and enter the interface as below:



- ▲ Select a single video file
- Click and select a video file to play, shown as below picture:



- Click  icon or double click the file to play, shown as below picture:

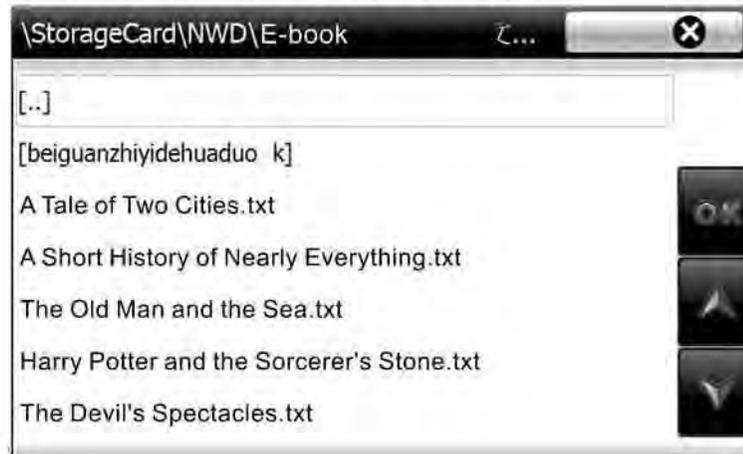


5. Ebook

- Click  icon in entertainment main interface to enter Ebook reading interface, shown as below picture:

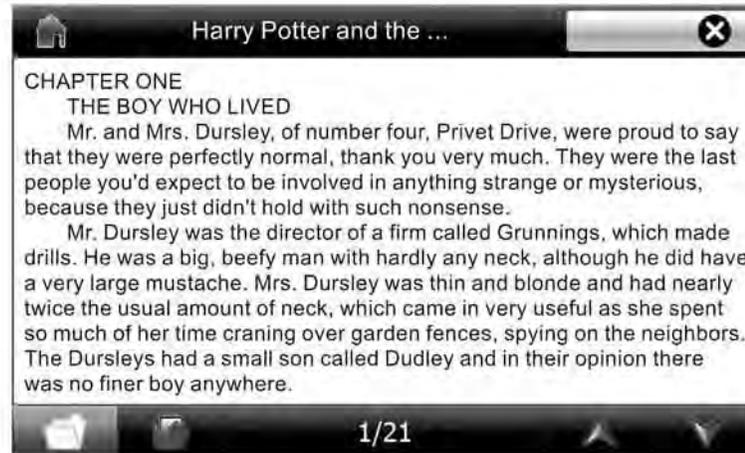


- Click  icon to select the text file, shown as below picture:

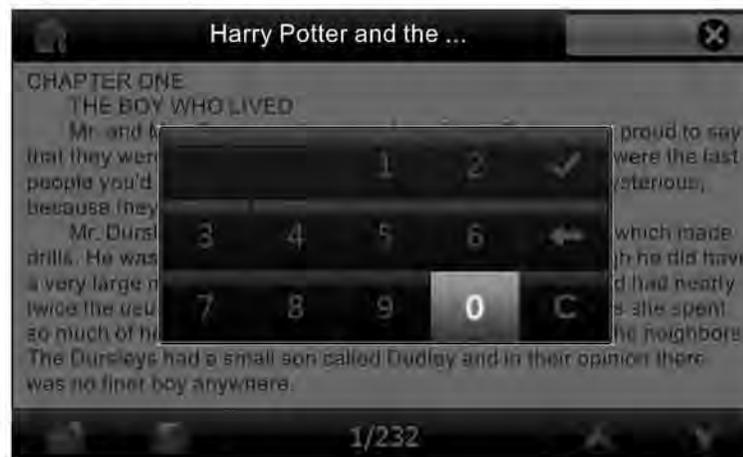


- Click  icon or double click the text file to return to Ebook reading interface, shown as below

picture:

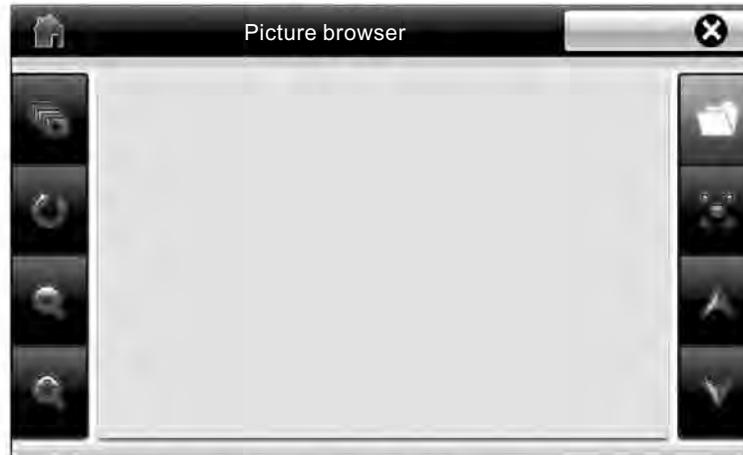


- Click  icon, users can enter a page number, then system will jump to the page entered by the user, shown as below picture:



6. Picture Viewer.

- Click  icon in entertainment main interface to enter picture viewer interface, shown as below picture:



- Click  icon and enter the file storage path. Click to select the picture file you want to play.

- Click  icon or double click the file to return to picture viewer interface, shown as below picture:



- Click  icon to play picture slides.
- Click  icon to rotate the picture.
- Click  icon to reduce picture size; Click  to enlarge picture size.
- Click  icon to view the picture in full screen.
- Click  icon to select the last picture; Click  icon to select the next picture.

7. Basic settings

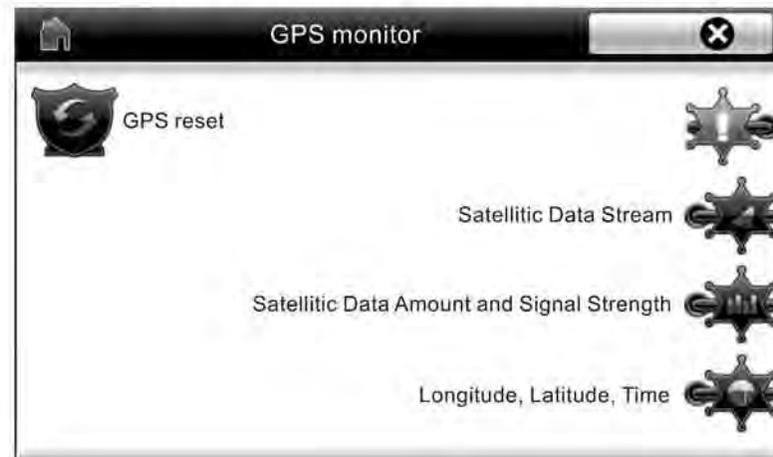
Setting interface includes navigation setting, GPS monitor, common settings, touch screen correction, screen setting, volume setting, time setting and system setting.

- 1) Setting interface, shown as below picture:



2) GPS monitor

■ Click  icon in setting interface to enter GPS monitor interface, shown as below picture:



■ Click "Satellite data flow" to view satellite data flow received.

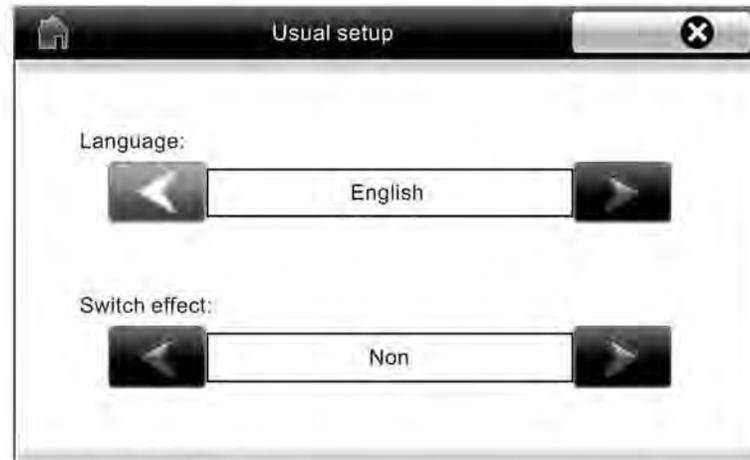
■ Click "Number of satellites and signal strength" to view the number of satellites and signal value received.

■ Click "longitude, latitude, time" can view the corresponding situation.

3) Common settings



■ Click  icon in setting interface to enter common settings interface, shown as below picture:



A. Click  or  key under "Language" to switch over the language of navigator. Available languages are: Simplified Chinese, Traditional Chinese, German, French, Spanish, Dutch, Hungarian, Czech, Danish, Norwegian, Swedish, Portuguese and English.

B. Click  or  key under "Select switching effect" to switch over the effect of switching. Available switching effects are: No choice, clock, door, cross, shutters, erasion, rotating and random.

4) Screen setting

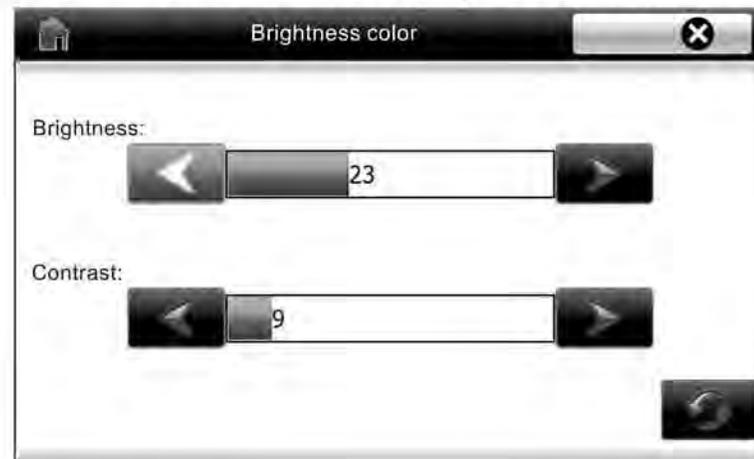


■ Click  icon in setting interface to enter screen setting interface, shown as below

picture:



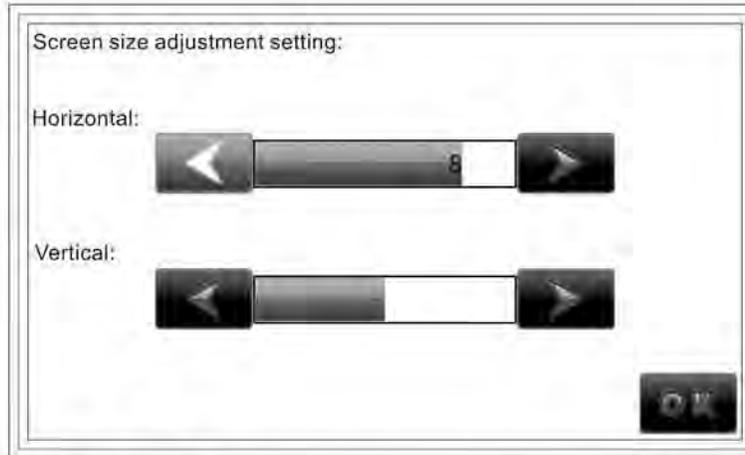
■ Click  icon to enter brightness & color setting interface, shown as below picture:



A. Click  or  key to set related parameters for brightness & contrastness adjustment.

B. Click  key to restore default settings; Click  key to exit the interface.

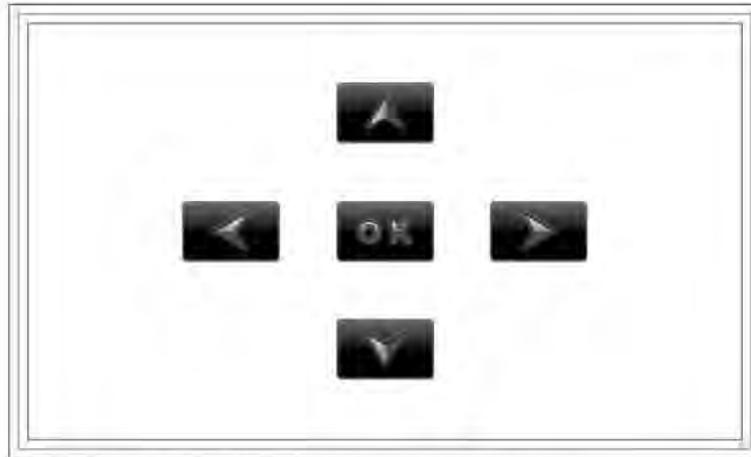
■ Click  icon to enter screen size adjustment setting interface, shown as below picture:



A. Click  or  key to set the horizontal size and vertical size of the image according to its position.

B. Click  key to exit screen size setting interface.

■ Click  icon to enter screen position adjustment setting interface, shown as below picture:

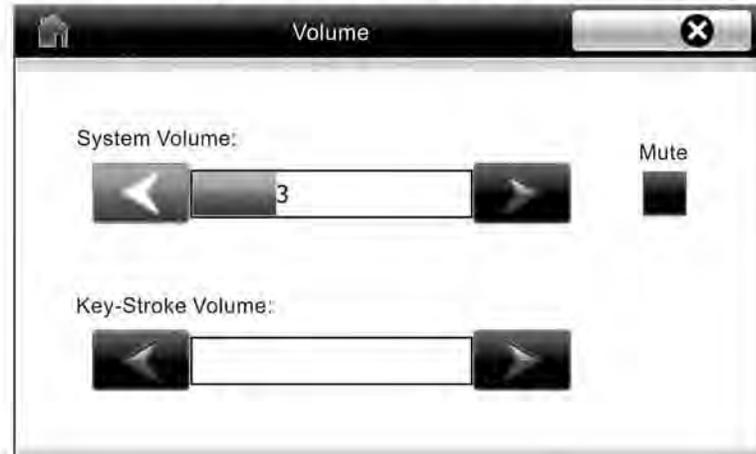


A. Click , , ,  key to adjust current image position.

B. Click  key to exit screen position setting interface.

5) Volume setting

Click  icon in setting interface to enter volume setting interface, shown as below picture:



A. For system volume, click  key to decrease the volume; Click  key to increase the volume. Mute is also available for choice.

B. For key tone, click  and  key to switch the key tone among "no, soft, loud".

6) Time and date settings



■ Click  icon in setting interface to enter time and date setting interface, shown as below picture:



A. The upper line is for month, date, year, hour and minute settings.

B. The lower line is for time zone setting by clicking  and  key.

7) System setting



Click  icon in setting interface to enter system setting interface, shown as below picture:



- A. Click  icon for initial setting. Shut down and reboot the device, some settings of the system, such as volume, language and skin, will restore the initial state.
- B. Click  icon to restore the system file.

System setting

1. EQ setting

Click the icon EQ in the menu, or click the " " to enter EQ setting



Pic 4.30

SETTING	OPTIONS	SPECIFICATION
EQ	User	User
	Rock	Rock
	Hip Hop	Hip Hop
	Dance	Dance
	Latin	Latin
	Rave	Rave
	Urban	Urban
	Acoustic	Acoustic
	LOUD	Loud
BASS	-14~+14	Bass setting
MID	-14~+14	Middle setting
TREB	-14~+14	Treble setting
SUB	-14~0	Subwoofer adjustment
FAD-BAL	【1】F	Balance setting for front sound track, click the right coordinate to realize it

	【2】 R	Balance setting for rear sound track, click the right coordinate to realize it
	【3】 L	Balance setting for left sound track, click the right coordinate to realize it
	【4】 R	Balance setting for right sound track, click the right coordinate to realize it

2. System Setting

Under Main User interface, click the "set up" icons or , or enter into the system setting menu by other UI, which can set up or revise the clock mode, the area of the clock, TV and Radio and so on.

- ◆ General setting:



Fig. (31)

Function Area:

- 【1】** ...First button. Set up the Common parameter
- 【2】** ...Second Button. Sub-button of the first Button
- 【3】** ...All options for the second button

Name	Set up	options	Functions description
	Video Area	America/Europe/Japan/ eastern europe /China	Select the Video system according to the end-User' s Area
	TV system	NTSC/PAL_B_G/PAL_I/PAL_DK	Select the TV system accordingly

General	Wheel	Turn on/off	When turn on, the wheel key is connected with the system, can finish the pair of the wheel operation by learning it. As picture show (32).
	Date	Turn on/off	When turn on, will enter into the system time setting up, can set up and adjust to time by manual, as picture show (33).
	Corred TS	Turn on/off	When turn on, will enter into the touch screen correction user interface, as picture (34).

Steering Wheel Control



Fig. (32)

- | | |
|---------------------------------|--------------------------------|
| 【1】 ... Mode. | 【6】 ...decrease volume. |
| 【2】 ... Next item. | 【7】 ... Mute. |
| 【3】 ... Previous item. | 【8】 ... Navigation. |
| 【4】 ... Increase Volume. | 【9】 ... Pause. |
| 【5】 ... Clear All. | 【10】 ... Save&Exit. |

Time and Date



Pic (33)

- 【1】 ...Time in Zones -
- 【2】 ...setting up the time by click them
- 【3】 ...Clock mode, Can choose 12 hours or 24 hours.
- 【4】 ...Save&Exit.
- 【5】 ...Cancel.
- 【6】 ...Calender in zones, orange cursor can move by hand

Correct touch screen

In the interface of correcting touch screen,click The icons "+", if touch screen is corrected, will automatically enter into the system setting interface, if the position of the touch screen is bias, with this function,can correct the touch area automatically.



Pic (34)

◆ User setting



Pic (35)

NAME	SET UP	OPTIONS	SPECIFICATION
User setting	OSD Language	English/chinese/Japanese/Arabic/German/Russia/Thai	Select the Language as the screen shows
	Wall Page	P1/P2/P3	Select the background picture for the Main UI
	Load Factory	Yes/No	When select "yes", system setting will automatically return back to the load factory.
	Sys Info	On/Off	When select "on", will pop up the software version information.
	Car Logo	On/Off	When select "on" will enter into the car logo interface, as picture (36).

Car Logo selectable UI

Users can select his favorite car logo as his opening picture. The selected car logo will be remarked with underline.



① ② ③

Fig (36)



① ② ③

Fig (37)

【1】 ...next page, Circulation of the page.

【2】 ... Save&Exit

【3】 ...Cancel

◆ Vedio setting



Fig. (38)

Botton Name	Set up	options	specifications
Vedio	Camera mirror	ON/OFF	select "on" . when reverse parking,will display mirror images in the rear mirror. when turn off. will display the captured images
	Driving video	Permit/prohibit	When driving, the videoc is open/not.

◆ Audio setting



Fig. (39)

Button Name	Set UP	Options	Specification
Regular	Preset Volume	L1/L2/L3/L4/L5/L6/L7	Users can preset the volume according to their habits
	Player sources	Radio/DVD/SD/USB/iPod/Bluetooth/TV/Nav/AUX IN	a variety of the devices access to the machine, select the priority for the sources.
	Key tone	On/Off	Turn on/off the key tone
	The Bass	On/Off	Turn on/off the subwoofer

◆ Bluetooth setting (If Equipped)



Fig. (40)

Name	Setting	Options	Specification
Bluetooth	Auto Answer	ON/OFF	Can be connected with phone,when a telephone call, will receive automatically or not
	Connection type	ON/OFF	If have paired records,can/not pair automatically
	Bluetooth	ON/OFF	Turn on/off the bluetooth

Phenomenon	Reasons	Solutions
Normal		
Not operating	Fuse of machine power supply and auto vehicle battery is burnt; Voltage of power supply is overloaded Automatic protection system avoids fault due to illegal operation	Change for fuse of the correct types; Adjust voltage; Reset the system by pressing the Reset key
Remote control doesn't work	Battery is out of power; Battery is not placed correctly	Change new battery; Reinstall battery;
No or low sound	Disconnection; Volume setting is low volume; Big deviation of volume balance setting Loudspeaker fault; Earthing in loudspeaker connection	Check the connection; Check the setting, increase volume Adjust the volume balance setting to middle place; Change for a new loudspeaker Keep insulation of loudspeaker connection
Inferior quality of sound; Distortion of sound	Inferior disc is used; Poor quality audio source Loudspeaker does not match impedance of the machine Speaker fault	Use genuine discs; Don't use high compressed audio source to play; Change a matched loudspeaker; Change a loudspeaker.
Machine reset by itself when it is shut down	Connection of ACC and B+ is not correct.	Check and reconnect ACC and B+
Poor function of touch screen	Touch screen has't been corrected.	Enter system setting interface and correct the touch screen.
Poor function of panel key	The keys on the panel sometimes get stuck	Check the panel key (Handled by the dealer when necessary.)
Display		

Phenomenon	Reasons	Solutions
No image.	Connection of brake wire is not correct; Not braking state.	Connect brake wire with cathode of power supply correctly; Keep braking state after the car is placed safely.
Unstable outout of image	DVD does not correspond with the present system video setting; Video signal line is not connected correctly.	Adjust system video setting; Check and replace video signal line.
Wrong information is shown on the panel	The screen cannot display all the information	
Radio		
Weak signal	Auto antenna does not reach out completely LOC function is under working state	Connect auto antenna line correctly Close LCC function
Dis/Card Reading		
Break-down during playing	Disc is stained or scratched; Documents or records are damaged.	Clean or replace the disc; Replace the disc or choose stored file.
Disc does not play	The disc level surpasses the level setting of Lock function; The area code of the disc is incompatible	Adjust the level setting of Lock feature; Use a compatible disc.
SD card readable by PC but unreadable by the device	Due to compatibility reasons of SD card brand, not all of the SD card can be read under the system. The mismatching of SD card format.	The present system mainly support the following SD card brands: SanDisk, KingMAX, Kingston, Panasonic, Apacer, etc. SD card shall be in FAT format.

System Parameter

DVD/CD Player

Compatible formats: DVD-R,DVD-RW,DVD+R,
DVD+RW,CD-R,CD-RW,CD-DA,MP3,WMA,HDVD
SVCD,VCD,MPEG,JPEG

Display Screen

Screen type: TFT

Response time: up=30millisecond. down=50millisecond

Display panel pixel: 384,000 pixel

Angle range: depression angle=65°, elevation angle=40°, left vision=65°.

Right vision=65°

Video

Standards: NTSC, PAL (Auto recognition)

Output: 1V_{p-p} (75ohm)

Input: 1V_{p-p} (75ohm)

Audio and Video knowledge

ICONS	Features (Dia.:12cm)	Duration
DVD VIDEO	Single-sided, single-layered (DVD-5)	(MPEG2) 133 min.
	Single-sided, double-layered (DVD-9)	242 min.
	Double-sided, single-layered (DVD-10)	266 min.
	Double-sided, double-layered (DVD-18)	484 min.
VCD	Single-sided, single-layered (VCD)	(MPEG1) 74 min.
DISC	Single-sided, single-layered (CD)	(CD-DA) 74min.