

SAFETY PRECAUTIONS

Please read all the instructions carefully before installing. It is recommended to ask the professional dealer of car acoustics to install the device.

Note: To avoid short circuit, shut down the car and cut off the connection of ACC and B+ before installing

1. This device is applicable to car power supply(12V,with ground wire). Do not use it on the truck or bus with 24V; otherwise, it may damage the device.
2. Please use the official compact disc; otherwise, it may cause failure of affect the lifetime of the device.
3. Do not change the fuse of power supply without the instruction of professional. Inappropriate use of fuse may cause damage or fire.
4. To avoid breaking the traffic rules or to prevent the avoidable traffic accident, the driver should not watch the program or operate the device when she/he is driving.
5. For the sake of safety and to make sure the normal use of the device, please ask a professional person of the dealer to install. To avoid damage or accident, please do not disassemble or repair the device by yourself.
6. For details, please refer to the local professional dealer of car acoustics.
7. To avoid electric shock, avoidable damage, and fire because of short circuit, please keep the device away from damp environment or water.
8. Do not pull out the SD card when the navigation is working; otherwise, it may damage the device and the SD card.

BEFORE USING

Unpacking check

Please make sure to have all the following accessories when the box is unpacked.

- | | |
|-------------------|-------------------|
| 1. Remote control | 3. Cleaning cloth |
| 2. Power line | 4. User manual |

Cleaning the device

Please use the polishing cloth or dry cloth to wipe the dust. In case of dirt on the surface, please wipe it with soft cloth with neutral cleaner attenuated by 5—6 times of water. Dry the cloth before cleaning the surface, wipe the surface with dry cloth.

Don't use thinner, benzene, insecticide spray or other chemical on the device or near the device, otherwise, it may erode the surface. If you want to clean the device with cleaning cloth with chemical, please read the user manual carefully before using. These cleaning cloths may leave behind dirt on the surface; in case of this, please clean it with dry cloth.

Turn off the device before cleaning.

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BASIC OPERATION



1. SRC (Mode switching) Press to switch the mode;
2. RADIO
In working mode, press this key to switch to radio mode;
In radio mode, press this key to switch among FM1, FM2, FM3, and AM1 repeatedly;
3. INFO (Show the play information)
In DVD mode, press this key to display the current play information;
4. EQ (Sound effect adjusting)
Press to enter the EQ setup interface
5. VOL/POW (Volume control/Power)
6. Receiving window of remote control signal
7. GPS SD card slot (Navigation);
8. SD card slot
9. USB port
10. Reset
11. Pause/play/Select
12. Screen brightness adjusting key
Press to adjust the screen brightness among Bright, Dim, and Dark; press any key or touch the screen when the screen is dark to return to normal;
13. Setup
14. AS/PS
When RDS function is enabled, AS/PS key can be used to perform function as well as searching the channels;
15. NAVI
Press to switch between navigation mode and the previous play mode;
16. Audio switching key
Press this key to enable/disable the navigation sound; the NAVI character on the right top of the screen indicates that the navigation sound is enabled;
17. Enter/Eject
Press to enter/eject the disc;
19. Disc slot
21. Next
Press this key in DVD mode to select the next chapter/music; long press it to play fast forward;
22. Previous
Press this key in DVD mode to select the previous chapter/music; long press it to play fast backward;

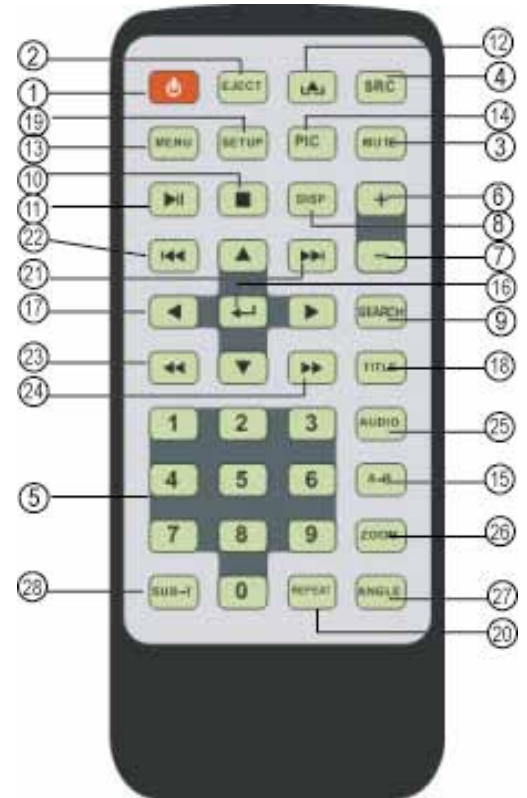
OPERATING INSTRUCTIONS OF REMOTE CONTROL

Notice:

1. The lifetime of battery is usually about 6 months. Please change the battery if the remote control cannot work normally.
2. Take out the battery if the remote control is not used for a long time to avoid damage because of the battery leakage.
3. In order to avoid damage, do not drop the remote control.

Nr. Function explanation

1. Power
2. Enter/Eject
3. Mute
4. Play mode switch
5. Number key: To select the current band, chapter, section or preset radio
6. Volume+
7. Volume-
8. Display the play information
9. VCD/DVD disc searching
10. AM/FM band; or stop key in other modes
11. Pause
12. Exit: Exit the current menu
13. Menu: Enter the system menu
14. Picture display parameter setup
15. Repeat section A and B
16. Ok/Play
17. Up/Down/Left/Right direction keys
18. TITEL: Enter the title menu
19. Setup
20. Repeat the chapter play
21. Select the next chapter in disc playing mode; Search the radio channel
Upwards in radio mode; Zoom in the map in navigation mode
22. Select the previous chapter in disc playing mode; Search the radio channel backwards in radio mode;
Zoom out the map in navigation mode
23. Play the disc fast backwards; tune to the next frequency in radio mode
24. Play the disc fast forwards; tune to the previous frequency in radio mode
25. Switch the audio(language) of the disc play
26. Picture zoom in/out
27. Switch the picture display of different angles
28. Switch the title languages when playing the disc



BRIEF INTRODUCTION OF OPERATIONS

I. Main interface:

This car multi-media system provides many operation modes, including Radio, DISC, SD, IPOD, Bluetooth, AV input, Rear view camera, and Aux-in. Press the function module directly to carry out the corresponding operations. Click the left top of the touch screen in any mode to enter the main interface.

Picture 1

Brief introduction of main interface:



1. Playing source
2. Radio
3. Navigation
4. Bluetooth status
5. DVD
6. IPOD
7. Bluetooth
8. Menu: Click to enter the corresponding setup
9. TV (not supported)
10. USB
11. SD card
12. Aux in mode
13. Camera

Note: Disc, SD, IPOD, and Camera icons are grey when there is no signal found. It does not work when you click any of the icons.

2. Radio:

In Radio mode, you can change the parameter of the options, such as RDS, by the touch screen or remote control.

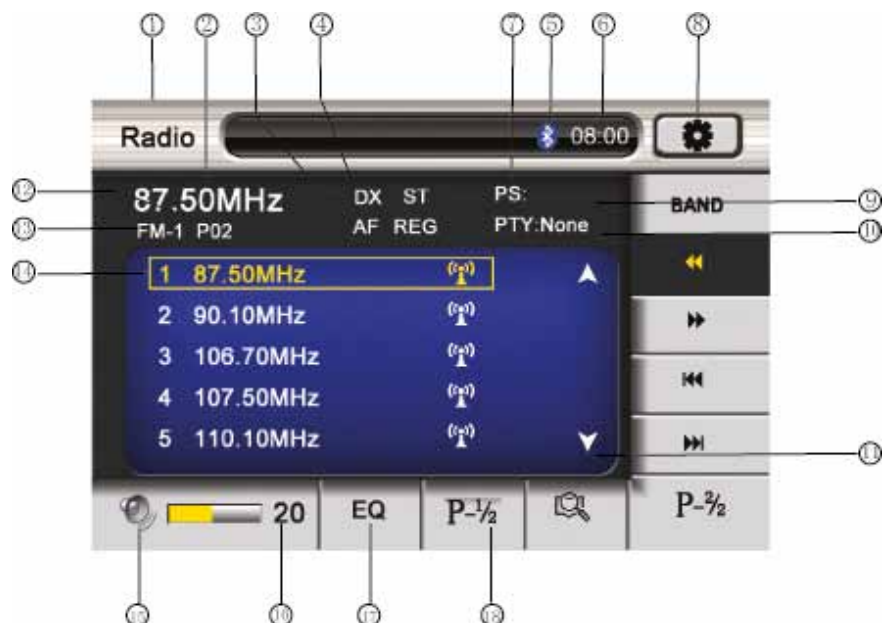
Please refer to the Radio section in system setup.

(I). RADIO INTERFACE WITH RDS:

Picture 2

Interface introduction:

1. Name of current mode: Click to return to the main interface.
2. The current radio frequency
3. AF indication
4. LOC/DX (LOC: Short distance/DX: Long distance); when LOC function is enabled, only those radio channels with strong signal and excellent receiving state are received.
5. Bluetooth status icon
6. The current system time
7. PS indication
8. Menu
9. Stereo indication
10. REG indication
11. Page Up/Down of preset radio frequency list
12. The playing indicator of current radio
13. The current radio band



14. The preset radio frequency: Click any one of the frequency to listen; or press it for about 3 seconds to save (10 preset radio channels are available for each band)
15. Volume indicator: You can adjust the volume by the VOL button.
16. Volume bar
17. EQ: Click to enter the EQ setup interface
18. Page up/down, if selected then TA, Af and PTY settings will be displayed

(2). RADIO INTERFACE WITHOUT RDS:

Picture 3

Interface introduction:

1. Band switching key: Click to switch among FM1, FM2, FM3, and AM.
2. Click to tune the radio channel downwards in a single step
3. Click to tune the radio channel upwards in a single step
4. Click to search the radio channel upwards
5. Click to search the radio channel downwards
6. Press this key for above 3 seconds to enter the AS function mode. The device automatically searches and saves 10 radio channels that are of strong signal; then, it enters the PS function mode and scans each of the channels for 10 seconds automatically, and returns to the first preset channel. Press this key to enable the PS function.
7. Click to enable or stop the scanning mode.



Note: For the functions of other keys, please refer to Picture 2.

3. EXPLANATION OF TOUCH SCREEN OPERATION SECTION

Touch screen is divided into 9 sections, however, only 6 sections work. In DVD and VCD playing mode, the touch sections are distributed as follows:

SectionA: Touch to enter the main interface.

SectionB: Touch to enter the corresponding setup menu.

SectionC: Touch to select the previous chapter (music)

SectionD: Touch to enter the function status control.

SectionE: Touch to select the next chapter (music).

SectionF: Touch to enter the search menu; press the corresponding item and a number keyboard is appeared, you can play the item as required.

SectionA		SectionB
SectionC	SectionD	SectionE
		SectionF

DVD PLAYS

(1). DVD disc

Open the TFT screen, and put the disc slightly into the disc entry. The disc is sucked into the device automatically, then, the TFT screen is drawn up to the proper position for the normal play. The disc is read thereafter, and the screen shows the catalogue menu of DVD disc, you can directly select the options in the menu to play, to select the languages, audio, and the chapter.

Touch section A on the touch screen when you are playing the disc to return to the main interface, and touch section D to pop out the control menu.



Picture5

Picture 5

1. Mode switching key: Click to return to main interface.
2. Bluetooth icon
3. Playing time
4. Exit: Click to return to the current play interface.
5. Menu
6. Click to view the play information
7. EQ: Click to enter the EQ setup interface.
8. Play/Pause
9. Stop (Click to stop in the state of Breakpoint Memory; double click to stop completely); long press for above 2 seconds to switch to OPEN mode, then, the disc is ejected automatically.
10. Click to play the previous chapter
11. Click to play the next chapter
12. Fast backwards (Click to switch among the speed of x2, x4, x8, and x16)
13. Fast forwards (Click to switch among the speed of x2, x4, x8, and x16)
14. Video zoom in: There are three grades of zoom
15. Page up/down (Click to turn to page 1 if the current page is page 2, see Picture 5)
16. Repeat (Click to switch among Chapter Repeat, Title Repeat, and Off)
17. Section repeat (First click to select the start point A and click again to select the end point, then, the system will repeat playing between point A and B. Click again to disable this function)
18. Audio switching key (Click to switch among different languages and audio. This key is invalid if the DVD disc has only one audio track)
19. Subtitle switching key (If the DVD disc contains many kinds of subtitles, you can switch the subtitle of different languages by clicking this key when playing)
20. Root
21. Title
22. Angle switching key
23. Page up/down (Click to turn to page 2 if the current page is page 1, see Picture 5)

(2).VCD DISC

Open the TFT screen, and put the disc slightly into the disc entry. The disc is sucked into the device automatically, then, the TFT screen is drawn up to the proper position for the normal play. The disc is read thereafter, and the screen shows the catalogue menu of VCD disc, you can select the options in the menu to play, to select the languages and the audio.

Touch section A on the touch screen when you are playing the disc to return to the main interface, and touch section D to pop out the control menu.

Picture 6

1. Repeat (Click to switch between Chapter Repeat and Off)
2. Audio track switching key (Left track, Right track, Mix track, and Stereo are available for the VCD play)
3. PBC function key

For other operation of VCD play, please refer to the above operation of DVD disc play.

Only VCD2.0 disc has the PBC function.

You can enable/disable PBC function by using the MENU key on the remote control.



(3). GOTO SEARCH

When playing DVD or VCD disc, you can play the appointed section of the disc with the GOTO SEARCH function.

Touch section F on the right bottom of the touch screen, or press GOTO key on the remote control to enter the GOTO SEARCH, and the screen is shown as picture 10.

Click the place where the cursor is located on the touch screen and input the number using the number keyboard; then, press OK. The system will then play the appointed section of the disc.

(4).CD/MP3/WMA DISC

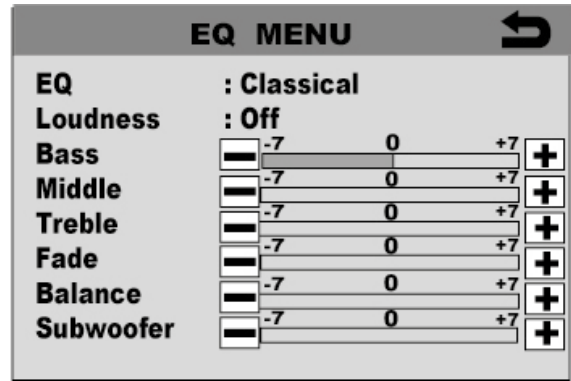
Picture 7

Open the TFT screen, and put the disc slightly into the disc entry. The disc is sucked into the device automatically, then, the TFT screen is drawn up to the proper position for the normal play. The disc is read thereafter, and CD/MP3 play interface appears. You select the music directly from the interface, or input the number by clicking the number keyboard on the right side of the screen to play.





EQ MENU Interface
Picture 8



CD player Interface



Number keyboard in CD player interface
Picture 10



MP3 player interface
Picture 11

1. Mode switching key: Click to return to main interface.
2. Cycle play: Click to select On/Off of the repeat play
3. Bluetooth icon
4. Time
5. Display the current play mode
6. Menu
7. Play/Pause
Stop (Click to stop in the state of Breakpoint Memory; double click to stop completely); long press for above 2 seconds to switch to OPEN mode, then, the disc is ejected automatically.
8. Fast Backward (Click to switch among the speed of x2, x4, x8, and x16)
9. Fast Forward (Click to switch among the speed of x2, x4, x8, and x16)
10. SCAN: Click to scan automatically the first 10 seconds of each program to play
11. Repeat (Click to switch among Single, ALL, and Off)
12. Page Up/Down of program list
13. Random play: Click to enable/disable the random play.
14. EQ key: Click to enter the EQ setup interface as shown in Picture 10, and you can set the corresponding parameter as required by touching the screen.
15. Volume bar
16. Volume indicator: It is mute when the volume is 0.
17. Information: Title content of CD disc; file name of MP3/WMA files
18. The number of current program and the total programs: Click here and a number keyboard as Picture 10 appears. You can input the number to select the program to play.
19. Play time of current program
20. Number keyboard: Click the desired numbers on the keyboard and click OK, then, the system will play the appointed program automatically.

(5). IPOD ACCESS

This system supports ipod access, and can play all kinds of files.

*IPOD is a mobile media player of APPLE company, which can save/play all kinds of popular audio or video, and has perfect management program.

Make sure ipod is properly connected. Enter the system main interface and click ipod to enter the ipod interface. The detailed operations are similar with those of CD or MP3 player.



Picture 12



Picture 13

5. SD CARD PLAY:

Controlled by touch screen

Touch screen control keys of SD card playing mode are shown as follows. The playing interface of SD card mode is similar with that of CD/MP3 play mode, and the functions of the operation keys on the touch screen are similar as well. Please refer to the playing instructions of CD/MP3/WMA disc.



Picture 14



*To extend the lifetime of SD card and to avoid the error read, it is recommended to draw/insert the SD card after having been switched to other modes when the SD card is not read.

6. BLUETOOTH HANDS-FREE

This system offers Bluetooth hands-free communication. If your mobile phone has Bluetooth and A2DP functions, you can connect with the system point to point, dial, receive the phone call from the screen, and play the phone music. Detailed operations are as follows:

Picture 15






Picture 16






1. **Enable the Bluetooth:** Enter Bluetooth setup menu as Picture 15, set the Bluetooth to be "On"; then, the Bluetooth icon is flashing, which indicates that the Bluetooth has not been matched. At the same time, enable the Bluetooth of your mobile phone.
2. **Pairing:** Click "Bluetooth" on the system main interface to enter the Bluetooth hands-free interface, click "PAIR" and enable the searching function for new devices on your mobile phone. When the mobile phone has searched the signal of the system (Caliber), the mobile phone indicates "Connect with the device, Yes or NO", choose "YES" and input the password (1234) to confirm. The Bluetooth icon on the screen does not flash when the system is connected to the mobile phone, otherwise, they should be paired again as above instructions until they are connected successfully.

3. Making a call:

Input the phone number by the number keys on the screen and click the green answer key , then, the system will transfer the sound of mobile to the car speaker. You can hear the dialing tone and the other's voice from the car speakers. Click red ring-off key  to finish the call or ring off directly. When you are making a call, you can click the switching key  to switch the talk between car speaker and the mobile phone to ensure your talk safety.

4. Answering a call:

The system is switched to Bluetooth hands-free interface automatically from any modes when there is an incoming call, the current play sound will be changed to the incoming ring tone. If answering mode is set to be "Auto", the system answers the call automatically. If the answering mode is set to be "Manual", you can click  or  on the screen to answer or to refuse the call. When you are talking, you can click switching key  to switch the talk between car speaker and the mobile phone to ensure your talk safety.

The incoming number is shown in the message box.

5. Playing MP3 music: You can play MP3 music saved in your mobile phone by clicking any play keys on the interface.

6 .I There is an external microphone option at the back of the player, driver can connect it for calling.

7.AUX IN (AUXILIARY DEVICES INPUT)

Enter the system main interface, and choose AUX IN or press SRC key on the panel to enter the AUX IN mode. AUX IN function allows external media source to connect to the system, such as camera, game player, walkman, external GPS box (remote control). If there is no AUX IN, the screen is shown as follows:



In AUX IN mode, click section A of the touch screen to return to the system main interface.

8. REAR-VIEW CAMERA


Enter the system main interface, and choose "Camera" or press Camera key on the panel to switch to the rear-view camera mode. If rear-view camera is installed, the system display the camera picture on the screen to ensure the backup safety.

9. LCD DISPLAY SHUTDOWN


In order not to influence the vision of the driver for his/her safety, LCD display should be shut down at night. When it is not playing the video, click LCD OFF on the screen to shut down the display screen, however, it keeps the audio play of original mode. Click any point of the touch screen or press any keys on the panel to exit the LCD OFF mode.

10. SYSTEM SETUP



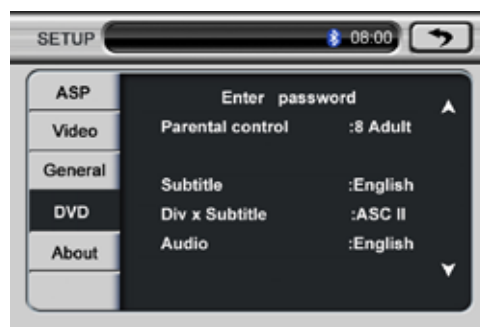
Click  to enter the system setup interface, in which there are ASP, Video, General, Radio, and Media setups. You can set the corresponding parameter according to your demand.

(I). DVD setup:

When playing the DVD video, click section D of the touch screen, and the system will show the play control menu, click  to enter the system setup interface, then, click Media to enter the interface as follows:



18




Picture 19

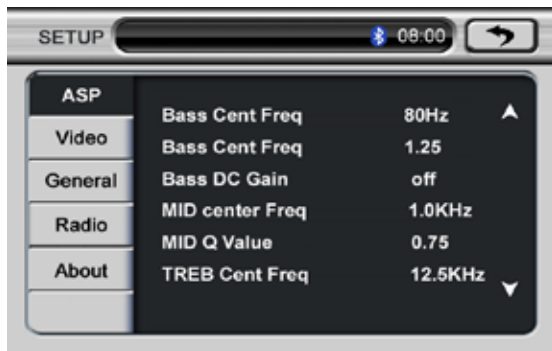
Setup	Optional	Function descriptions
Set Rating		
Password	? _____	Enter the set password (The child lock is unlocked only when the password is correct)
Parental Control	Kid Safe/G/PG/PG-13/PG-R/R/NC-17/Adult	Select the lock grade; you can select any grade as you like

Load Factory Password	Yes/No	Choose “Yes” to recover the password to factory default value
Audio	English/Francais/Spanish/ German/Italiano	Choose your audio language from the default language list
DVD Menu	English/Francais/Spanish/ German/Italiano	Choose your DVD menu language from the default language list
Subtitle	English/Francais/Spanish	Choose your DVD menu language from the default language list

(2). Radio setup:



Click  during the radio play to enter the system setup, and click Radio to enter the interface as follows:



Picture 20

Setup	Options	Function descriptions
Radio Region	USA/Europe/China/Oirt/Japan	Select the radio system of your country
RDS	On/Off	Choose “On” to enable the RDS function of FM Radio.
TA Volume	1—40	Adjust the TA volume
Clock Tune	On/Off	The display time of device is synchronous with that of RDS radio channel if “On” is selected.
TA Option	Seek/Alarm	The device searches the radio channel automatically when TP information is lost if “Seek” is selected. If “Alarm” is selected, the device does not search the channel but giving out a sound of “ BEEP, BEEP”
TA Retune	Long/Short	When “Long” is selected, the device will search the channel 3 minutes after TP information is lost; while “Short” is selected, the time will be 45 seconds.

(3). ASP setup

In system setup interface, click ASP to enter the following interface. You can set the parameter according to the speaker configuration and which you favourite.

Picture 21



Picture 22



Setup	Options	Function descriptions
Bass Cent Freq	60Hz/80Hz/100Hz/200Hz	Choose the appropriate Bass center frequency according to the speaker characteristic and the type of playing source to adjust the dynamic range of sound.
Bass Q Value	1.0, 1.25, 1.5, 2.0	When the bass center frequency is fixed, you can adjust the Q value to get different kinds of bass output. The larger the value of Q is, the more outstanding the bass will perform.
Bass DC Gain	ON/OFF	ON/OFF of Bass DC Gain

MID Cent Freq		Select the proper MID Center Frequency according to the speaker characteristic and the type of playing source to adjust the dynamic range of audio.
MID Q Value	0.5, 0.75, 1.0, 1.25	When the mid center frequency is fixed, you can adjust the Q value to get different kinds of bass output. The larger the value of Q is, the more outstanding the MID will perform.
Treb Cent Freq		Select the proper TREB Center Frequency according to the speaker characteristic and the type of playing source to adjust the dynamic range of audio.
LOUD Cent Freq	400Hz/800Hz/2400Hz	Select the proper LOUD Center Frequency according to the speaker characteristic and the type of playing source.
Power on Vol	Fixed/Last Vol	Volume selection after Power on Fixed: Fixed Vol Last Vol: Volume of device before last shutdown
Fixed Vol	10~30	Choose a fixed volume value according to the requirement
Radio Level	0~6	Adjustment of relative level of radio volume output
Media Level	0~6	Adjustment of relative level of media volume output

(4). Video setup

In system setup interface, click "Video" to enter the following interface, and you can set the corresponding parameter as required. Picture 23

Setup

Camera Image



Options

Normal/Mirror

Function description

You can set the normal display and mirror display of rear-view camera input picture.

(5). General setup

In system setup interface, click General to enter the following interface. You can set the parameter according to the speaker configuration and your favourite.



Picture 24

Setup	Options	Function descriptions
System Time	00:00	Operated by touching the touch screen: Click the cursor place of hour or minute, and input the corresponding time with the number keyboard. You can also set the time with the selection keys on the remote control and the number keys.
Time format	12h/24h	Set the time display to be 12h or 24h
OSD Language	English/Francais/Espanol/Deutsch/Italino	Choose your required subtitle in the default language list
Beep	On/Off	On: With "Beep" key sound, Off: Silent
TFT Auto Open	YES/NO/Manual	Set the TFT screen to be Open/Closed/Manual
Ts Calibrate	YES/NO	Choose "NO" to exit. Choose "YES" to calibrate the touch screen. Click the white point on the left top of the screen following the prompt on the screen "Please click Point A on the left top", then, the system prompts "Please click Point B on the left bottom", follow the prompt to calibrate the touch screen. The system will be switched to the current play automatically if the calibration is done successfully.
Use Default Settings	YES/NO	Choose "YES" to restore the settings to default value.

II. TROUBLESHOOTING

Problems	Reasons	Solutions
General		
Touch screen does not work well	The touch screen has not been calibrated	Calibrate the screen
The log-on volume is too loud	Bad settings	Adjust the volume knob to the appointed value
The device cannot be started.	The fuse of power supply or the car batteries is melted The supply voltage is beyond the rated standards, therefore, the system automatically protects against the malfunctions caused by illegal operations	Change for a new fuse of proper type Adjust the voltage Press the Rest key on the right bottom of the panel to reset the system
The remote control does not work well or does not work	The remote control does not aim at the device The batteries of remote control are used up. The batteries are installed wrongly	Make sure to keep the remote control in line with the device. Change for new batteries Re-install the batteries properly
No audio output or the audio output is of low volume	Wrong wire connection The volume is set to be too low The mute line is not connected properly The speaker fails Over large error of volume balance setup The speaker has wire connected to the ground	Check and correct the connection Increase the volume Re-connect the mute line according to the wiring installation drawing Change the speaker Adjust the volume balance setup to the middle place Keep insulated of the speaker connection
Poor sound quality and with serious distortion	Do not use poor disc The speaker do not match the impedance of device power The speaker is of open circuit	Use the official compact disc Change for a proper speaker Check the connection of speaker
With sound, but without picture with warning prompt	The display screen is turned off	Touch the touch screen
	The parking control line is not connected	Check whether the braking detection line is wrongly connected
The device reset the settings automatically once it is turned off	ACC and B+ lines are not connected properly	Check and correct the ACC and B+ lines connection
The keys on the panel do not work	Some keys are blocked.	Check the keys on the panel
The audio track cannot be changed when playing the disc.	Bad settings	

Problems	Reasons	Solutions
Bluetooth does not work	Bluetooth is not enabled (Default: Off) The Bluetooth is not compatible with all of the Bluetooth mobile phones System disorder	Try other type or brand of mobile phones to see whether it is the problem of mobile phone. Restore the device system to avoid the errors caused by wrong operations Press the Reset key on the panel to reset the system, and restart the mobile phone to match again.
It indicates "Error disc" when reading the SD card. SD card cannot be detected.	The card is not SD card. There is dirt on the card or it is damaged SD card is deformed	Use the standard SD card Clean SD card Check if it SD card is deformed Compatible brands: 1. Sandisk 2. KingMAX 3. Kingston 4. Panasonic 5. Apacer 6. Lexar Supporting formats: MP3/WMA/AVI/JPEG
The rear-view camera cannot display the normal backup image	The camera is mirror camera	Enter the setup menu and select Camera-"Mirror"- "Original image", or cut off/connect the mirror line of rear-view camera to select the original image.
Reading the disc		
Cannot change the audio track when playing the disc	Bad settings	You cannot change the track during the play when the audio track is set to be 5.1. Click the left top of the screen to enter DVD setup of the main menu, and change the audio track from 5.1 to Stereo.
Interrupt occurs during the play	The disc is dirty or it is scratched. The files or records are damaged.	Clean the disc or change it for another one
Error play information	The actual information is more than the information the screen can display	
Error or no action	Illegal operation	Press EJECT key for 5 seconds to reset the disc-reading device
The disc cannot enter	There is a disc inside the device already	Take the disc out and try another new one
The disc cannot play normally	The grade of disc is out of the grade settings of lock The area code of disc is not compatible The disc is up side down	Adjust the grade of lock function Use a compatible disc Keep the label side upwards
Normal DVD play, but when it comes to play CD, only two front speakers work.	The speaker is set to be 6-track in the DVD setup, and the SUR surrounding sound is set to be "Off", therefore, the system only output 2-track of sound.	Set the mode in SUR setup to be Super Logistic Matrix/Super Logistic Movie/Super Logistic Music, then, the system will simulate the 2-track sound to be 6-track sound; or set the speaker in the DVD setup to be 2-track output.
No Repeat and Search Function when playing VCD	PBC function is on	Disable the PBC function
Weak signal	Automatic aerial has not stretched out, and the LOC function is "On"	Connect the automatic properly, and disable the LOCAL function
Navigation		
Loud/Undertone/No sound	Bad setting	Turn down the volume when it is too loud, and turn up when it is too low
The prompt sound of navigation only has "DI" sound	Bad settings of navigation prompt sound	Reset the "Compact prompt"- "Compound prompt" in the options of navigation menu.
GPS navigation has no signal Slow reception and weak signal	The device is first installed and put into use If GPS receiving antenna is put inside the car, the metal rupture membrane inside may influence the signal reception at a certain extent.	The device receives the signal in the open empty air after 10~20 minutes of work Put the GPS receiving antenna outside the car and receive the signal in the open empty air

SYSTEM PARAMETER

Specifications

Operating voltage: DC 12V
 Voltage range: 10.8V-16
 Max. working current: 10A
 Installing size: Original standard installing size
 Installing angle: Gradient 30°

DVD/CD Player

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

Audio SNR: 85dBA

Dynamic range: 95dB

Frequency response: 20Hz~20kHz(±3dB)

Digital audio sampling: 24bit

Electronic anti-shock (ESP):

DVD 2~3 seconds

CD-DA 10 seconds

MP3 100 seconds

WMA 200 seconds

Mechanical anti-shock: 10~200Hz, X/Y/Z: 1.0G

Power output: 75Wx4 Impedance 4ohm

SNR: 70dBA

Frequency response: 20Hz~20kHz

Video

System: NTSC, PAL (Automatic identification)

Output: 1Vp-p(75 Ohm)

Input: 1Vp-p(75 Ohm)

FM Radio reception

Frequency range: 87.5MHz~108.0MHz

Sensitivity: (-30dB): 10dBu

SNR: (-50dB): 15dBu

Frequency response: 30Hz~15MHz(±3dB)

AM Radio reception

Frequency range: 530kHz~1629kHz

Sensitivity: (SN=20dB): 20dBu

Image rejection: 60dB

Frequency response: 50Hz~2kHz(±3dB)

Display

Size: 6.5"

Type: TFT

Display screen pixel: 280x800 Pixels

1200(W)x234(H)

Viewing angle: Up=65°, Down=40°

Left=65°, Right=65°

Ambient temperature

Operating temperature: -20°~+70°

Storage temperature: -30°+80°

Operating humidity: -45%~80%

Storage humidity: -30%~90%

BASIC INFORMATION OF DISC

12cm Feature

Single side, single layer (DVD-5)

Single side, double layer (DVD-9)

Double side, single layer (DVD-10)

Double side, double layer (DVD-18)

Max. playing time

(MPEG2) 133 minutes

242 minutes

266 minutes

484 minutes

Single side, single layer (VCD) (MPEG2)

74 minutes

Single side, single layer (CDDA)

74 minutes