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Our company reserves the right to improve the product, and its hardware and software.

This manual is an operating guide, but not the warranty of the product. Our company doesn't guarantee the contents included in this manual.

Since we adhere to the strategy of sustainable development, printing error in the manual, incompliance with latest materials, software upgrade, and product improvement may be performed at any time. The product is subject to change without further notice, and revision will be directly edited to the manual of new edition.

Our company reserves the right of final interpretation for the manual.

Safety Precautions



To ensure the traffic safety and avoid contravening the traffic regulations, do not watch any program or operate the system during driving.



For safety and correct operation of the product, the product shall be installed by professional. Do not disassemble or repair the product by yourself to avoid an accident or damage to the product.



To avoid electric shock, damage and fire resulting from short-circuit, do not place the product in water or places where are wet.



Since the screen of the product adopts precision electronic structure, do not knock the TFT display to avoid damage to the product.



As for car backing, this system works simply as an assistant tool. Our company is not responsible for any potential car backing accidents.



Tyre pressure monitoring system can monitor the pressure and temperature of the tyre, and helps to reduce the risk of tire burst. However, tyre burst may still occur. Under normal tire pressure or temperature, tyre burst can be caused by wear of tyre and the perfection degree. Therefore, the monitoring data of the system is only for reference, and you should check the tyre status in time.



NOTE

To avoid trouble aroused by rapid operation, when you operate the host unit, please do not operate other functions until the last execution is finished.

Please read this manual carefully before using this product and properly keep the manual for future use.



Remark: The above symbol indicates that this product hasn't any harmful material or elements, it is environmental and recyclable, and shouldn't be littered at random.

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For safe and correct use of the product, please read this manual carefully. If there are technology improvements later on, the specifications are subject to change without further notice.



1. Basic Operation

♦ Turn On/Off

♦ Turn On

If the unit was turned off by pulling out the car key, it will be turned on automatically by inserting the key once again.

If you press the power button on the panel to turn off the unit last time, press the power button slightly again to turn on the unit .

♦ Turn Off

Pull out the car key, and system will recognize the information to turn off the unit. Press and hold on the power button for more than 2s, the system will enter standby mode automatically.(Depends on the actual model)

Enter The Home Page Menu

Radio is the default state while turning on the system, then touch the screen slightly, and " "icon will be displayed on the top left corner of the screen, to enter the main page menu (As the left pic shows).



Touch the icons of all function menu to enter the corresponding function operation.



If touch the above-mentioned icon slightly, and "Device not connected" will be indicated, which represents no connection between the device and the host unit at present.

1



Spectrum Display

While the spectrum display is enabled, in DVD states, when playing MP3/CD or other disc without video format, if there is no operation within 10 seconds, the screen will automatically switch to spectrum mode.

Light touch " icon, the screen will switch to different spectrum mode.

Columnar spectrum



Rectangular spectrum



EQ Mode

In the spectrum mode interface, click can switch different EQ mode.

Volume adjustment of main machine

According to the panel adjust the volume of the key, which can adjust the volume size.

Press the Mute button on the panel to execute mute function, and " icon w indicate the mute state."



2. Function Operation

2.1 RADIO Function Operation

♦ Enter/Exit

In the main menu, touch or the main page to enter RADIO interface.



After a few seconds, the screen will automatically return to the the spectrum mode interface, click " "i con to adjust the frequency spectrum, and then click on the screen any place or click on the icon " " " to return to the radio interface.

Touch the icon" a"to enter main menu, touch these icons to enter the corresponding interface.

♦ Automatic Seeking

Touch to enter automatic seek state, meanwhile the system will save the channels automatically during seeking.



FM:87.50MHz~108.00MHz AM: The range of frequency depends on the region

During seeking, there will be progress bars, you may stop automatic seeking by touching the seek icon again.

♦ Semi-Automatic Seeking

Touch 44 / 15 to enter semi-automatic seeking for low/high frequency.

Long press to adjust low/high frequency.

Touch once to start seeking, and touch again to stop.



The seek will stop as soon as the stations have been received, then long touch a certain station NO. >2S, you may save the radio stations into the station NO.

Band Selection

Touch BAND to switch among FM1/FM2/FM3/AM1/AM2.

Play a selected Radio Station

Select the band firstly, then touch to preset radio station, which can play radio station of the exact preset one. (The selected radio station will be blue.)

For example: The figure on the right side represents FM1 band, M1 radio station and frequency point is 87.50MHz.

EQ function











Radio keyboard input function

Click " "icon, display the input content from the keyboard and then choose the radio you want by inputting the frequency.

Input the frequency, press ok to switch to the radio. If it is in AM band, and you want to switch to 523KHZ, just input 523 and click ok to achieve; if it is out of AM band, and you want to switch to 89. 50MHZ, just input 8950 and click ok to achieve.





RDS function

In factory mode, when RDS is set as "off", click but no respond. When RDS is set as "on", Click " "to make it available, as the picture shown at right.

Enter RDS function interface. Specific information please refer to direction of overseas version.





Touch | | to select previous/next radio station.



2. 2 Disc Function Operation

The head unit can play DVD/VCD/CD/MP3/WMA/JPEG/MPEG4/CD-R these formats discs. etc.(Only for those standard discs with diameter 12CM).

♦ Enter/Exit

In the main menu, touch to enter Disc menu playing interface.



Touch the icon "to enter main menu, touch these icons to exit disc function interface.

 In RADIO/AV/TV/iPOD/states,insert a disc, the disc can be played automatically and switch to disc play state.

When insert a disc in navigation state, the disc can be played rapidly and switch to disc play interface directly, and music play is available from the disc. Insert a disc in GPS state, disc play can not be switched automatically.

If there is USB or SD card with multimedia connected, , touch the " again to enter the USB / SD card playback status.

♦ Inject/Eject Discs

- In DVD state, when "Open" is displayed on the screen, insert the disc into the disc room, with the disc printed side upward. When the system detects the disc, the disc will be automatically taken in, read and played.
- If there is disc in the disc room, press "Eject" on the panel, then disc will be ejected.
- In DVD state, if the disc is not taken away within 15 minutes, the system will inject
 the disc again and begin to play.



Numeric Keyboard

Touch icon like the figure showed on the right:



Once the numeric keyboard appeared, press the NO. on the board to select the exact song wanted, then press to play, press or touch anywhere of the screen may hide the numeric keyboard.



While playing discs ,the number of tracks selected is more than 10,you can click the corresponding numbers on the keyboard,then click "ok" to confirm, for example, when you choose the 12th track, you can click "1" and "2" seperately.

Touch Menu Function Description



Stop play/Back to Title Menu/PBC switch (Discs support is required)





DVD disc switches subtitles (Disc support is required)

Go to title menu (Disc support is required)

Play JPEG format disc can grab images

Zoom in/Zoom out

repeat (Disc support is required) Recording interface

Open/close random broadcast Pagedown menu bar

Open/Close DVD Setting pageup menu bar

X On fast-forward status, click the button fast-reverse to enter normal playing state, otherwise, on fast-reverse status, click fast-forward button to normal playing state.

Touch anywhere of the screen 2S to display/hide menu(Except displaying menu position).

Touch " " icon to exit touch menu.

Touch " icon into the home page menu.



DVD Disc Playing

If the head unit has DVD disc in it and disc has no playing menu, the system will automatically read and play directly; if the disc has playing menu, press menu may enter playing directly.



You may touch the name of the favourite song to enter playing directly.

Press to back to disc main menu(Disc support is required).

You may open the numeric keyboard to select any song directly, when the song is played in the small screen, the playing information will be displayed at the bottom of the screen.



TRACK 2/39 PLAY 00:00:00

Current tracking NO./ play Playing time
Total Chapters



During playing, operate the touch menu to perform various play controls. For function definitions of touch menu, please refer to the 4th item of Disc function operation "Functions of Touch Menu".



VCD Disc Playing

Insert VCD disc into DVD player, the system will play it by normal order after read it.

During disc playing, press to return to disc PBC menu catalogue. (Disc support is required.)

You may select the exact song to play by press NO. on the keyboard, when the song is played in the small screen,the playing information will be displayed at the bottom of the screen.



- 1. BIG BIG WORLD
- 2. WHAT A WONDERFUL WORLD
- 3. SAY YOU SAY ME
- 4. YEATERDAY ONCE MORE
- 5. BECAUSE YOU LOVE ME
- 6. TAKE ME AWAY 7. RIGHT HERE WAITING



TRACK 2/39 Current tracking NO./ Total Chapters

play Playing time

00:00:05/00:04:20

Note

During playing, operate the touch menu to perform various play controls. For function definitions of touch menu, please refer to the 4th item of Disc function operation "Functions of Touch Menu".



CD Disc Playing

Insert CD into DVD player, system will play by normal order after read it.



When the disc is playing, if there not any operation in 10s, the system will automatically switch to spectrum mode.

When the disc supports digital key selections playback, you can open the numeric keyboard to select the tracks to play directly.



During playing, operate the touch menu to perform various play controls. For function definitions of touch menu, please refer to the 4th item of Disc function operation "Functions of Touch Menu".



MP3 Disc Playing

Insert the disc into the DVD player, the system will play the first track in order after reading it.



During playing a disc, the system will automatically switch to spectrum status if there is no operation within 10s.



During playing, operate the touch menu to perform various play controls. For function definitions of touch menu, please refer to the 4th item of Disc function operation "Functions of Touch Menu".



MPEG4 Disc Playing

- MPEG4 is the abbreviation of "Moving Pictures Experts Group", which is the fourth generation encoder standard for video audio released by the experts group.
- The playing operation of MPEG4 disc is the same as MP3 disc, no longer rewording here.
- The MPEG4 disc available in the market adopts different kinds of engraving formats, such as: XVID, AVI, DIVX, etc. It is normal that if some of the discs can not be played in this head unit for format reason.
- MPEG file is displayed by folder/file format, touch files directly to select song and play.
 Detailed operation please refer to "MP3 Disc Playing".

Catalogue Interface:



The playing interface is the same as that of DVD.



JPEG Disc Playing

 Insert JPEG disc into DVD player, system will play the first file after reading.

During playing, press once you may back to picture browse interface.

Play Status:



Browse interface:



- In the directory menu interface, Click again on the _____ can return to the folder list.
- In browsing interface, click can obtain the current picture and this picture as the DVD state user mode of the boot screen.



- Only when the boot image of "General Setting Page" is set as "User Image" in DVD setting menu will the captured image be played in DVD ejecting state or no-disc state.
- When another image is captured again, the last one will be replaced.



SD/TF Card Playing

If the player is equipped with a multi-media SD/TF card port, this operation is available.

◆ Insert /Take out SD/TF Card

Open the monitor and insert the SD/TF card with media information into the SD/TF card slot directly until the card is locked.

For taking out the SD/TF card, exit from SD/TF card playing status first, and then press the SD/TF card slightly to cancel the locking status of the SD/TF card and eject the card automatically.

Enter SD/TF Card Playing Mode

In the interface, touch the "icon to enter SD/TF card display mode.



After the SD/TF card is read, the operation is the same as the one for playing MP3 disc. For detailed information, please refer to " play Mp3 disc ".



DVD SYSTEM SETUP

◆ Turn on/off

Enter the DVD interface and open the touch menu.

Gently touch "

General	Audio	Prefer	Password	Exit	
General Setup Page-					
Tv Disp Angle M Spdif O Osd Lan Logo Ty	Mark C Output ng E	/ide On ing DEF			
Go To	General S	etup Page			

Click again to exit from the setting menu.

On the DVD mode, click the icon to enter the corresponding function interface.

Operation

Touch directly the icon of each setup menu on the screen to select the item to confirm current setup.

Click "exit" to exit.

♦ General Setup page

TV Display

Normal/Ps Images will be scanned and output in the format of

" Panorama"

Normal/Mb Images will be scanned and output in the format of

"Message Box"

Wide Images will be scanned and output in the format of

"Wide Screen"



• Angle Mark

On/Off Display the angle mark

SPDIF OUTPUT

SPDIF OFF Output signal is analog signal.

SPDIF/RAW Output original code stream source of the disc through digital port, when DVD coaxial output and digital amplifier are connected through coaxial

port, this set should be selected.

SPDIF/PCM Original code stream source is transferred and output as PCM digital signal. When DVD audio output analog signal and 2 sound channel digital stereo amplifier are connected, this set should be selected.

NOTE: PCM channel item can be set as long as "SPDIF /PCM" was selected. If LPCM coding sample rate of disc is lower than the one selected, then output is according to LPCM coding sample rate of the disc.

Osd Lang

English / Chinese / German / Spanish / Italian / Portuguese / Hungarian / Russian Select language display of DVD system

Logo Type

Default Display the default logo type

Captured Display the picture captured by customer.



◆ Audio Setup Page

Downmix

Lt/Rt Dolby stereo, distributing the sound from the middle and the surround channels

to the left and right stereo.

Stereo During disc is playing, the audio output left and right channel signal.

V Surr The left and right channels create surround sound effect

Off The audio output 5.1 channel audio signal(only support 5.1ch DVD disc)

Dual Mono

Stereo/L-Mono/R-Mono/Mix-Mono (Choose dolby digital sound channel)

♦ Prefer (Preference Page)

Note: Preference Set could be set only when there is no disc inside

TV Type Pal TV/Multi/NTSC TV Select video output format

(NTSC is recommended)

• Audio English/Chinese/French/Hungarian/Italian/Russian/Ge

rman/Spanish/Portuguese/others

Select language for playing (Disc support is needed)

Subtitle English/Chinese/French/Hungarian/Italian/Russian/Ger

man/Spanish/Portuguese/others

Select language for playing (Disc support is needed)

• Disc Menu Language

English/Chinese/French/Hungarian/Italian/Russian/German/Spanish/Portuguese/others

Select language for playing (Disc support is needed)



• Level Locking

1 KID SAF/2 G/3 PG/4 PG 13/5 PGR/6R/7 NC17/8 ADULT Select one to lock the level.

Default

Reset Reset all the values of function setup fields to default.

♦ Password Setup Page

Password

Select sub-item "Change" in password options and press OK to enter password change page. As the right figure shows.



Original PW:1389

Enter old password / confirm PWD respectively and press OK.

♦ Exit

Press "EXIT" to exit setup menu.



2.3 USB Function Operation

If the player is equipped with a USB port, this operation is available.

♠ Insert / Take out Portable USB Drive

If the player is equipped with a USB port, portable USB Drive can be connected through USB wire or directly inserting into the USB port.

For taking out portable USB Drive, please exit from portable USB Drive play image first and then taking out the disc.

Enter USB Playing Mode

In the interface, touch the " icon or after insert USB, the host unit can identify automatically and go into USB play mode.



After the portable USB Drive is read, the operation is the same as the one for playing MP3 disc, please refer to "MP3 disc play".

As standards of manufacturers who produce portable hard disc with MP3 player are different, it may cause that some portable USB Drive can not be played. The USB connecting wire is better to be the shortest when used to connect, or else it may cause abnormal operation of the portable USB Drive.



When the host unit is connected with SD card and USB, in DVD state, click "DVD" once for USB play, click again for SD play, click the third time for disc play.



2. 4 Bluetooth Handfree Function Operation

Depends on actual model

The system supplies bluetooth handfree communication function, if your mobile phone is bluetooth enabled, it can establish a point-to-point connection with the system, providing telephone dial up, call answering, phonebook, and bluetooth music play functions.

X Notes: As the bluetooth modules and software of cell-phones with different brands are different, some functions may be different or even not compatible with other system in actual use. Please forgive us for this.

Notes: In BT interface, your current operation is invalid when the icons are grey, for the phone needs setup connection in settings, then pair between the head unit and phone bluetooth.

After paired, the icon operation can be effective.

♦ Enter/Exit

In the main menu, touch to enter bluetooth interface.



Touch the icon" to enter main menu, touch these icons to enter the corresponding interface.

Pair/Connect

For using the bluetooth handsfree function, establish the connection firstly, pair the head unit with phone bluetooth and touch





• Turn on the Bluetooth function of your cell phone and enable the Bluetooth device searching function, the screen will display. After the connection succeeded, the cell phone will display the device name, during connection input device connection password by prompt of cell phone(PIN code: 0000), pairing after the success of the screen automatic display pairing phone models, and at the same time, the main screen will appear con.

Click icon, go to the Bluetooth matching set interface



Matching recording interface show the linked bluetooth records, when the connection of bluetooth, interface will show that the selected cell phone bluetooth name.

Connected with the bluetooth selected

Disconnected with the current bluetooth

Delete

Return

Settings interface

Click icon, go to the Bluetooth settings interface:





- Enter name and PIN code, press Enter to confirm, press keyboard to exit.
- AUTO ANSWER connecting state, the system will answer the call automatically after ringtone lasts for three times.
- AUTO CONNECT after pairing successfully, turn on/off the host unit, the system will connect again; reestablish the connection easily even if disconnected.
- EXT MIC the system will switch to MIC as soon as paired successully.

Dialing

You can dial number through mobile phone or enter telephone number on the number pad from screen.

Click number button to input number, if input error, click to delete one by one.







After input telephone NO., Press to call.



After input telephone NO., Press to hang up the phone.



3 Answer the Phone

In the interface of bluetooth, when calling comes, the system will automatically switch to bluetooth hand-free interface in any mode, and the original playing music will be turned into incoming ringtone.



Press



or End

in the interface to select answer or reject.



Phone book

Click icon go to phone book interface:

Choose the number you need to call, click to dial.

Click to play the phonebook in the SIM card of the mobile phone.

Click to play the phonebook of in the mobile phone.









Click icon, can refresh the phone book.

Click icon, to check the phonebook up/down, slide the scrool bar to check the phonebook by page turning.



Call Record

Click contons icon to go to the phone records interface which is used to record the address book/dialed call/missed call/received call



Click on dialed call/missed call/received call/and then click to dial.

Press icon to check the phone book upwardly/downwardly. Slide the scroll bar to check the phone book by page turning.

Play Bluetooth Music

If your cellphone supports playing buletooth music,you can transform the audios and videos in your cellphone into the louderspeaker of the car and play

Press icon:





Touch the icon "to enter main menu, touch these icons to enter the corresponding interface.

- Monly when the bluetooth phone supports "Stereo Play" or "Remote Control", you may operate music play interface function.
- Music from the mobile phone can be played in Bluetooth state, homepage and nonaudio mode.



2.5 iPod Function Operation

When there is plug-in iPod player, the head unit can support audio files playing of iPod player

♦ Enter/Exit

In the main menu, touch to enter iPod interface:





If connect iPod when the host unit is on, iPod can also be detected even if you do not restart the host unit.

② Touch Button Definition

MENU	Enter iPod main Menu	¢	Open/close repeat play
144	Previous	VIDEO	Switching to video broadcast
ЫI	Play/pause	060	Popup/Hide Numeric Keyboard
₽	Next	^	Return to previous page
2¢	Random Playing Lists Tracks	~	Return to next page



Numeric Keyboard

Input track No. on the board and you may play the exact track you want.

Press keyboard to select, then press
or to confirm, you may reach and
play the exact track you want.





• iPod Main Menu

Press MENU to return to iPod main menu directly.

This system will divide files into 6 types as below and store them into corresponding folders. You may select the corresponding one after entering each folders. Press



Name of the List

Playing List
performers
album
style
songs
composer

X Notes: The head unit can't support iPod video play.



Audio Files Play

Click the track to play

Press / bl to select Previous/Next play.

Open numeric keyboard, input track No. and press OK, then confirm to play.

Playing Information

There will be information displayed on the screen during playing:

Name of Playing Information:











Informations showed in the ipod player:

ipod

- ① ipod
- the current track
- singer
- album
- s accessory disconnected
- 6 disconnection
- ★ For iPod version is continuously upgraded, some iPods have software differences. There may be imcompatible ones with the head unit in actual use. Please forgive this!



- Notes 1. This machine only supports audio file playback.
 - 2. About iPod operation, please refer to detailed iPod player directions.



2.6 TV Function Operation

When the host plug-in a television box, this action effective(Note: in order to prevail in kind). National standards for digital television DMB-TH/CMMB, support for digital TV programming search, implementation of digital television broadcast; switch between programs; to achieve electronic program guide function; to achieve subtitle function;

♦ Enter/ Exit

In the main menu, press ut to enter TV function playing state.

Touch the icon to enter main menu and touch other audio function icon the exit TV function.



Specific operations related to TV functions, please refer to the TV module instructions.



2. 7 Virtual CDC Function Operation

♦ Enter/Exit

In the main menu, press



to enter Virtual CDC

function playing state:



Touch the icon" "to enter main menu, touch these icons to exit Vir. CDC function.

Touch Menu Definition



Delete



PLAY/PAUSE



PREVIOUS



NEXT



Pageup menu bar



Pagedown menu bar



2. 8 NAV Function Operation

X The machine has built-in navigation which is for user's convenience.

◆ Enter/Exit

In main page interface, press to enter NAV interface.

- In NAV state, press GPS key to exit NAV and enter other states. Do not pull out the map card when in navigation state to avoid map data missing.
- In NAV state, you can only operate functions related GPS on the screen, if you need other function operation, please exit NAV firstly.

NAV Audio-visual Function

Switch to GPS state from Radio/AV/DVD/CDC/TV state, when there is no voice navigation indication, you can enjoy the music and watch video normally; when there is navigation indication, the system will switch to navigation map interface automatically.

NAV Music Function

Switch to GPS from RADIO/AV/DVD/CDC/TV states, you may enjoy original state music . When there is GPS prompt, the system can adjust music volume and GPS volume automatically.

♦ Volume adjustment

In navigation state, when there is music output, the volume is from the system. When there is navigation indication, the volume is from the navigation.

Function operation

Specific operation of navigation function, please refer to GPS navigation module instruction.

X In the "System Settings" of "Settings" interface, the NAV Audio-visual Function and NAV Music Function can be turned off at the same time.

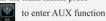


2.9 AUX Function Operation

It supports input from external equipment.

♦ Enter/Exit

In the main menu, press



playing state:



Touch the icon" to enter main menu, touch these icons to exit AUX function interface.



2. 10 Camera Function Operation

When it is connected with rear camera, you may view camera images after entering this state.

♦ Enter/Exit

In the main menu, press to enter backing camera interface:



Touch icon to exit rear camera function operation.



2.11 Rear Function Operation

The system provides rear playing function, that is, the driver can enjoy the music or radio while the passengers can watch program in the back row at the same time without affecting each other.

♦ Enter/Exit

In the main menu, press to enter rear interface:



Touch icon to enter homepage menu and touch other icon to exit rear function operation.

Operation

Users can choose the function operation by clicking the icons.



For the specific operation of headrest rear , please refer to the headrest screen using manual.



2. 12 TPMS Function Operation

According to Actual Model

When the head unit is connected with TPMS module, it is equipped with TPMS function. Set the corresponding upper limited and floor limited pressure and temperature value range. When the pressure and temperature value is over the limit, there will be alarming prompt. (Alarming setup need to be ON)

♦ Enter/Exit

In the main menu, touch to enter TPMS examination interface.



Touch sicon to enter main page interface meanwhile to exit TPMS function.

All Operation Button Function

Pressure Setup Set the upper limit /floor limit/unit (PSL、BAR、Kgf) of pressure.

Press "Pressure Setup" to enter pressure setup interface:



Click icon to adjust alarm pressure cap/lower limit value, after adjustment you may press icon to save settings.

Click control icon, to switch among PSL/BAR/KGF, after adjustment you may press to save settings.



• Set the upper limit and unit of temperature (°C, °F)

Press "Temperature Setup" icon to enter temperature setup interface:



to pair ID CODE.

Press "ID CODE PAIRING" icon to enter ID code pairing interface:



Press the exact tire then press ID CODE to pair, then press icon to adjust front left tire/front right tire/rear left tire/rear right tire setting value(0-9,A-F), after adjustment press icon to save all setting values.

• to enter Tires Exchange.

Press "Tires Exchange" icon to enter tires exchange interface:





Press icon, you may exchange tire pressure by the illustrated arrow direction.

ASST.SET Auxiliary functions



In this interface click icon, can make the system restore to the last set.

Click AMPRIESP icon, can choose to open/close alarm sound.

The tire pressure detection detailed function operation, please refer to the tire pressure detection module specification.



3. System Setup

Basic Operation of Setup menu

◆ Enter/ Exit

In main page interface, touch the icon to enter setup interface:

Touch icon to exit.

♦ System Setup

Press to enter system setup:

Touch to exit.

♦ Time display

Click in icon to turn on/off time display function, namely the upper left corner of the screen there will be time to show.









Spectrum function

Click icon, and then turn on/off screen saver function. In DVD state,if playing discs with no videos ,such as discs in format of Mp3 、CD,the screen will switch into spectrum automatically with no operations in several seconds.



♦ Key sound

Click con to turn on/off key sound function, in the click screen icon and key operation with the corresponding key sound.



Backing function

Click icon icon to turn on/off backing function, when the radar lens are connected, put the car in reverse, the screen will display the reverse state information.



Audio navigation

Click in icon to turn on/off audio navigation function, in the navigation state, if there is no operation or navigation voice output in several seends, the system will switch to the audio which was played before the navigation starts.





♦ Video navigation

Click icon to turn on/off video navigation function, in the navigation state, If there is no operation or navigation voice output within several seconds the system will play the video which was played before the navigation state starts.



Audio Setup

Press ## AUDSET icon, then you may enter audio setup page:



Click line icon to setup Treble, Mid, Bass, BBE and center volume.

Click icon to restore parameters as system default state.

Click icon to choose EQ mode: Customized, Standard, Pop, Rock, Classic, Jazz.

Click con to choose to turn on/off 5.1 channel;

Click icon to enter balance set interface:



When touch we seek icon to adjust the volume of the speaker, click on the icon to set the setting parameters as system default state.





Notes Only when the 5.1 channel opens can the "Center Volume" be available.

Set the 5.1 channel as open only when the system is playing disc with

5.1 channel. Please set 5.1 channel as closed when play VCD, CD and MP3.

◆ Video Setup

Press * vioset icon, then you may enter video setup page:



Press 📳 🗐 to set brightness, contrast and chroma.

Press icon can choose standard, soft, bright, color four mode:.

Press to reset all the modes.

♦ Navigation Setup

Press may set icon to choose navigation software:

Set the navigation route by







♦ Time Setup

Press on to enter time settings:



Press icon to adjust year/month/day/hours/minute.

Press icon to choose 24-hour.

Press icon to choose whether synchro with RDS or not.

Press icon to choose whether synchro with navigation or not.

Press **d** icon to the set time zone.

♦ Language Setup

Press icon to enter language interface:



Select Chinese/Traditional Chinese /English as the displayed language of the system.

♦ Steering wheel control

Press control interface:





The steering wheel calibration steps are as follows:

- 1, Touch beginning key, start the steering wheel setting,
- Touch test key, start the steering wheel testing; touch any test key to active the steering wheel
- 3. Touch the screen to learn the function keys
- 4. Press the corresponding button on the steering wheel

After completion of study, the system will be prompted to select the next function key learning, so repeated operation, until the original car steering wheel all control key after all learning, Press icon, end learning and exit, right now can use the original car steering wheel control the host.

♦ Control Calibration

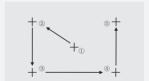
If deviation occurs, calibration is available by touching the screen .

Press to enter calibration interface :



Press icon to start calibration.

Click " + " from 1 to 5 by pen to calibrate step by step.





After calibrating from 1 to 5, click in the blank to finish calibration and return to touch interface.



During screen calibration, the central point of the crossing is required to be accurate, or which will affect the accuracy of touch screen.

♦ Tri-colour light setting

Press icon to enter time settings:



Press icon to adjust the value of red, green, and blue to fine tune the backlight color of panel button (range: 0-100). You can also touch the color directly to setup.

♦ Start-up Logo

Press con to enter start-up interface:



You may select the start-up logo by the actual car model, press () icon to select, then click ok icon to confirm.



♦ Background Settings

Press icon to enter background Settings:



Click icon can choose to set the background picture, and then click icon to confirm.

Click icon for Pagedown/Pageup.



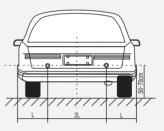
4. Accessories (optional)

Our products are in series, there will be slightly differences in functions and accessories according to the specific specifications, such as , GPS and backing camera. So for your own interests, please check all the accessories and packing list.

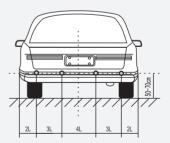
4. 1 Car Backing Sensor Installation

According to the quantity installed, the positions can be as follows:

2 probes Width=4L



4 probes Width=14L



X The final installation position can be adjusted slightly according to dimensions of your car, or refer to radar installation manual.



Reverse Display

If the radar is connected but the reverse camera is not connected, screen display while reversing:

If both the car backing camera and radar are connected, screen display while backing a car.

Display Form

There is only camera picture if just connect the backing camera but not backing sensor when backing the car.

When head unit connect to radar car backing mode, without connecting to camera, it only shows analog car photo as well as radar detecting distance on the screen.

When radar backing car module is connected to left and right sensor and the distance between radar sensor and barrier is less than 2.0m but more than 0.3m, monitor will display left and right radar signpost, and actual measure distance, which as shown in right picture.











without connect camera



connect camera



without connect camera



When radar and all sensors have been connected and the distance between radar sensor and barrier is less than 0.3m monitor will display red signpost and STOP.

Display signpost (yellow) camera display

Display signpost (red)



connect to camera

without connecting to

Display of Radar Detection

- 1. When the distance between radar sensor and barrier is more than 2. 0m, there will be
- a "BACK" on screen bottom.
- 2. When the distance is less than 2.0m but more than 1.2m, the distance will be displayed on screen bottom and buzzer does not work, and sensor is now working in warning area.
- 3. When the distance is less than 1.2m but more than 0.3m, the distance is displayed on the screen bottom and buzzer beeps, the more closer, the more frequent buzzer beeps. Sensor is now working in slow down area.
- 4. When the distance is less than 0.3m, it will display "STOP!" on screen bottom, buzzer gives out continuous sound, sensor is now working in stop area.
- 5. RPA (Reverse Parking Assistant) display while the distance between the vehicle and obstacle decreases, the red bar increases; while the distance between the vehicle and obstacle increases, the green bar increases.
- 6. The unit analyzes the data from 4 sensors, and the minimum value, its meaning is the distance between the vehicle and obstacle, will be shown on the screen.

 Notes: The distance displayed may not be different by different radars.

4. 2 Car Backing Camera Installation

The standard installation position of the water-proof concealed camera is as shown in right figure.

The ordinary camera can be installed in any water-proof position needed.





4.3 Description of the Buttons on Remote Control



POWER	According to short for screen brightness mode switch button, switch normal mode/night mode/ blank screen mode; long press to be as power key,and long press once to enter standby state, long press twice to turn on.
SRC	Play function cycle options button:Radio/DVD/AV/TV/IPOD/USB/CDC.
MUTE	Press Shortly to be mute state,turn on /off at any state. Long press to enter radar state,and press again to exit.
A	DVD disc in/out state key.
0~9	In DVD/USB state ,select the tracks directly by numbers,In TV state,select the storage number to play the corresponding station,In radio state,select numbers among I to 6 to play the corresponding station.
10+	Press numeric key +10, plus 10 when press once more, for example, 10/20/30
ANGLE	Switching key of DVD disc playing angle.



SETUP	Press shortly to enter the interface of system setup; According to long for DVD set menu button, enter/exit DVD set the main menu.		
MENU	Home page key, navigation switch to the active state, other state open the home page.		
TITLE	DVD disc playing title key.		
REP	Repeat play selection key.		
RANDOM	Random play/sequence play selection key.		
ZOOM	Photo zoom key.		
	Stop playing key.		
BAND/TA	Short press selection for radio band state; long press for TA function on/off selection of RDS.		
SCAN/AF	Short press radio state to save radio browse playing key, operate the key during browsing to exit the browsing and play the current radio; long press for AF function on/off selection of RDS.		
SUB-T	DVD disc playing title switching key.		
AUDIO	DVD disc playing language/channel switching key.		
VOL+	Volume+.		
VOL-	Volume		
AUTO. P	Radio state automatic searching and save the radio.		
RADIO	Radio playing function.		
NAVI	According to short for navigation function key, press once to switch into the navigation interface, click again to return to the active state; Long press into touch screen calibration status.		
DVD/USB	Cycle selection DVD/USB playing function.		
IPOD	IPOD playing function.		
AV/TV	According to choose short AV function, long press choose TV function.		
•	Short on time repertoire play state fast-forward,radio/TV state, press to high frequency searching radio,long press for shift up the cursor.		
•	Short on time repertoire play state Retreat quickly, radio/TV state, press to low frequency searching radio, long press for shift down the cursor.		
•	Short on time repertoire play state choice a song,radio/TV state, selection of last radio,long press for move the cursor to the left.		
•	Short on time repertoire play state choice the next song,radio/TV state, selection of next radio, long press for move the cursor to the right.		
ENTER	Press shortly to pause/play,long press to confirm		





5. Precautions

5.1 Precaution When Using the Product

The product adopts Wince system, therefore it will increase the startup time by system detecting. Please forgive the inconvenience.

Please don't insert the coins or some metal things.

Please don't try to repair. This product is composed of lots of precise electonic commponents. They will be broken or cracked if disassembled or reritted. If the failure happens, please turn offthe power supply immediately and notefy distributor.

Please don't let the display screen incur the pollution like dampness, dust, stream, lampblack, etc.

Please don't use thinner or other chemical to wipe the surface of the display screen. The dirt should be wiped off by soft cloth.

If water or other substance enters into the product, please turn off the power supply immediately and contact the distributor.

Please don't let the display screen be disposed in insolation.

Please turn off the power supply firstly when you plan to clean the machine.

This product is designed for cars equipped with 12V negative grounded battery.

Do NOT plugging and unplugging the map card and connect a wire or accessory during start-up to avoid damage to the main machine or accessory while plugging and unplugging.

If the drive mechanism is blocked, do NOT handle it by force. Please call a dedicated maintenance personnel to repair.

Our product supports playing films with high definaitons

Please do not play the film files broken or unsupported.

5. 2 Precautions for Installation of AMP

Check if the resistance of the speaker matcher with that of the AMP.

Please use high-quality speaker wires, and the length of the wire must be exact.

Connect jack must be inserted correspondingly.

To reduce the static noise, adjust the volume to the 2/3 of the max volume, and adjust the volume of the AMP to the distortion when with AMP.

While installing, the input and output wire must be away from the power wires and the wires of the car computer, or it will cause noise.



5.3 Precaution for Discs

Discs which was dirt,dust,scratches and bending on surface will cause malfunction.

Do not place a disc on sharp object, or the disc may be scratched.

When not used, a disc should be taken out.

The following places are not suitable to place a disc.

- 1.Under direct sunshine.
- 2.Dirty,dusty and damp places.
- 3. Near auto heater.
- 4. Seats or dashboard of a car.

Do not use discs with a diameter less than 12cm (not including 12cm)or discs with irregular shapes such as heart or octangular shape,etc.

Disc cleaning: Rub the disc surface with soft damp cloth; If the disc is quite dirty, use soft damp cloth with alcohol to rub gently. Please don't use dissolvent such as gasoline, dilution or common disc cleanser, since they may damage discs.



6. Trouble Shooting

Before sending this player for service as required, please carry out inspection or small adjustment according to possible causes of occurred problems stated on the list below. It is possible that problems will be solved and this player will go back to normal operation. If you have any doubt about the problems on the list or the problem can't be solved effectively by following the remedy as instructed, please contact with our company or professional service center.

Problem	Possible Cause	Remedy
	Fuse blowing	Replace with a new fuse
	Loose wire	Reconnect properly.
No display	Communication between main machine and vehicle control system failed	Press Reset key of the main machine and reconnect
of LCD	Main machine control system communication failed	Press Reset key of the main machine and restart
	Too low storage battery voltage. System's automatic protection activated	Charge the storage battery to 12V
	Mis-set as black screen state	Touch the screen to restore the display
	System in mute state	Press Mute key exit from mute state
No sound played	Loose sound cabinet wire	Reconnect properly.
	Damaged sound cabinet	Replace with a new sound cabinet
	Wrong disk position	Surface with label upwards on the tray
	Dirty or damaged disk	Try another disk
No image played	Loose/bad wire connection	Reconnect properly.
	Wrong use of AV input port	Please refer to AV function operation for selecting ports
Occasional sound skipping	Dirty or damaged disk	Try another disk
C	Wrong installation of the main machine	Ensure fixing the main machine securely
Sound skipping during vibration	Wrong twisting direction of the disk changer installation screws	Place angle adjusting screws marked with V or H to the correction installation directions.
Disabled Bluetooth handsfree function	Wrong matching with the main machine	Rematch



Compatible problem exists between some models of cell phone Bluetooth and the product.	Replug the car key to start up and match
Touch coordinate offset	Recalibrate the touch coordinate
Main machine control system communication error	Press the Reset key to restart or restart the machine
Wrong or bad reversing wire connection	Reconnect
Wrong or bad camera and radar connection	Reconnect
Reversing setting isn't set as "On"	Access system settings, and set the reversing as "On".
The "Key tone" is set as "On"	Access system settings, and set "Key tone" as "On"
Wrong language setting	Reset the language key
Set the speaker as 5.1CH state and vehicle sound cabinet as 2CH/4CH. The setting doesn't match the device.	Set the speaker as stereo, and set the audio setting "5.1" as "Off".
The "Small lamp control" setting in factory mode is not corresponding the small lamp control wire connection state or small lamp power supply.	Reset the small lamp control form
Wrong or bad handbrake connection	Reconnect
Under factory mode , grip brake control is set up to turn off mode .	Renew set up grip brake control to turn on mode.
Wrong connection between steering wheel wire and steering wheel control wire of the main machine	Reconnect
Failed connection between steering wheel and main machine	Redo steering wheel training
The way of steering wheel control can not campatible with our host.	please contact with our company after professional service for technical sustain.
Tire pressure detection setting error	Reset
Insufficient or no tire pressure detection probe battery	Replace the battery
	between some models of cell phone Bluetooth and the product. Touch coordinate offset Main machine control system communication error Wrong or bad reversing wire connection Wrong or bad camera and radar connection Reversing setting isn't set as "On" The "Key tone" is set as "On" Wrong language setting Set the speaker as 5.1CH state and vehicle sound cabinet as 2CH/4CH. The setting doesn't match the device. The "Small lamp control" setting in factory mode is not corresponding the small lamp control wire connection state or small lamp power supply. Wrong or bad handbrake connection Under factory mode , grip brake control is set up to turn off mode . Wrong connection between steering wheel wire and steering wheel wire and steering wheel control wire of the main machine The way of steering wheel control can not campatible with our host. Tire pressure detection setting error Insufficient or no tire pressure