# Copyright

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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.

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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Note 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

## ❶ 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)

## ❷ Enter The Home Page Menu

Radio is the default state while turning on the system, then touch the icon " Main " or " Back " on the screen slightly,to enterthe main page menu (As the left pic shows).

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

Note

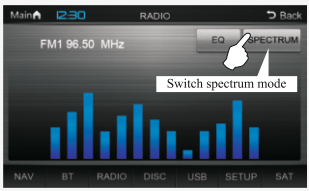
If touch the above-mentioned icon slightly , "Device not connected" will be indicated, which represents no connection between the device and the host unit at present.

## ❸ Spectrum Display

While the spectrum display is enabled, in DVD state , 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.

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

Columnar spectrum




Rectangular spectrum

## ❹ EQ Mode

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

- CUSTOM
- POP
- ROCK
- CLASSIC
- JAZZ
- Standard

## ❺ Volume adjustment of main machine

Press the volume adjust key on the panel , which can adjust the volume.

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

# 2. Function Operation

## 2. 1 RADIO Function Operation

### ❶ Enter/Exit

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

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

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

### ❷ Automatic Seeking

Touch AMS 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.

### ❸ Semi-Automatic Seeking

Touch < / > 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.

### ❹ Band Selection

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

### ❺ 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 shows AM1 band,M1 radio and the frequency point is 972 MHz.

## ❻ 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.

## ❼ RDS function

In factory mode, when RDS is set as "off " , click but no respond. When RDS is set as"on",Click " PTY "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）.

### ❶ Enter/Exit

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

Touch the icon" Main "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 " DISC " icon again to enter the USB / SD card playback status.

### ❷ 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.

### ❸ 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 [OK] 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, then press “OK”.

### ❹ Touch Menu Function Description

◀◀ × FR ▶▶ × FF ⏮ PREVIOUS

⏭ NEXT ⏯ PLAY/PAUSE ■ STOP

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

Switch audio track (Disc support is required)

SUB.T DVD disc switches subtitles (Disc support is required)

TITLE Go to title menu (Disc support is required)

JPEG Play JPEG format disc can grab images

Zoom in/Zoom out

repeat (Disc support is required)

Open/close random broadcast

Open/Close DVD Setting

Recording interface

Pagedown menu bar

pageup menu bar

※ 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 " Back " icon to exit touch menu.

Touch " Main " 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 Back 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 5/12 --- | Current tracking NO./ Total Chapters |
| PLAY ---------- | Play |
| 00:00:45 -------- | Playing time |

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 ".

## VCD Disc Playing

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

During disc playing, press Back 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.

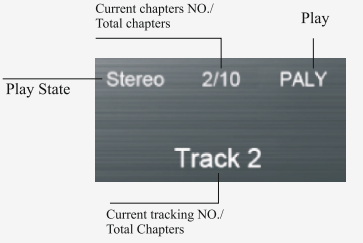
| | | |
|---|---|---|
| TRACK 1/16 | --- | Current tracking NO./ Total Chapters |
| PLAY | ---------- | Play |
| 00:00:45 00:04:19 | ------- | Playing time |

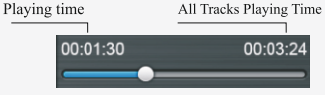
Note

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 is not any operation in 10s, the system will automatically switch to spectrum mode.

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

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 ”.

## 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.

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 ”.

## 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"。

Directory Menu interface:

The playing interface is the same as that of DVD.

## JPEG Disc Playing

Play Status：

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

Directory Menu interface:

- During playing, press Back once you may back to picture Directory Menu interface.

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

Note

- 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.

### ❶ 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.

### ❷ Enter SD/TF Card Playing Mode

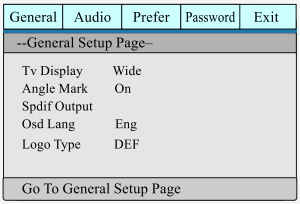
In the interface, touch the " SD " icon to enter SD/TF card display mode.

## DVD SYSTEM SETUP

### ❶ Turn on/off

Enter the DVD interface
and open the touch menu.

Gently touch " "




Click again to exit from the setting menu.

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

### ❷ 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/German/Spanish/Portuguese/others
  Select language for playing (Disc support is needed)

- **Subtitle** English/Chinese/French/Hungarian/Italian/Russian/German/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.

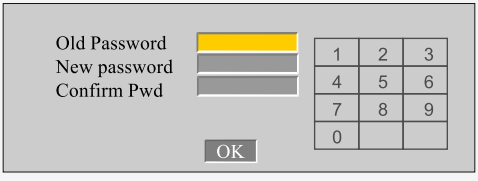
- **Default**

  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 /new 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.

### ❶ 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.

### ❷ Enter USB Playing Mode

In the interface, touch the " USB " icon or after inserting 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 Drives 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.

Note

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 dialing up, call answering, phonebook, and bluetooth music play functions.

※ 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.

### ❶ Enter/Exit

In the main menu, touch BT to enter bluetooth interface.

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

### ❷ Pair/Connect

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

Enter BT setup interface:

- 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 icon.

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 | Delete |
| Disconnected with the current bluetooth | Return |

## Settings interface

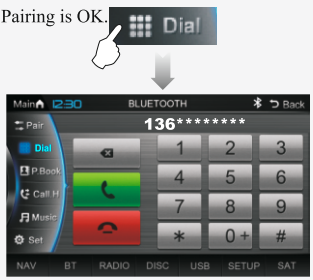
Click Set icon, go to the Bluetooth settings interface:

- Enter name and PIN code, press Enter to confirm, press keyboard to exit.
- Auto Answer — AUTO ANSWER -- connecting state, the system will answer the call automatically after ringtone lasts for three times.
- Auto Connect — 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 — EXT MIC - the system will switch to MIC as soon as paired successully.

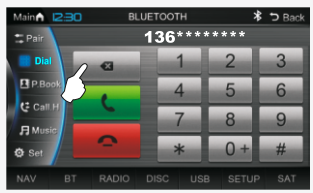
## Dialing

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

Pairing is OK.




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.

## 6 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 in the interface to select answer or reject.

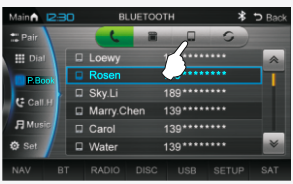
## Phone book

Click P.Book icon to 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.

## ❼ Call Record

Click Call.H 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.

## ❽ Play Bluetooth Music

If your cellphone supports playing bluetooth music,you can transform the audios and videos in your cellphone into the louderspeaker of the car and play
Press Music icon:

Play/Pause

Stop

Previous

Next

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

※ Only 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 non-audio mode.

## 2. 5 iPod Function Operation

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

### ❶ Enter/Exit

In the main menu, touch iPod to enter iPod interface:

Touch Back icon to go to homepage. Touch other audio function icon to exit iPod function.

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

### ❷ Touch Button Definition

| | |
|---|---|
| Menu Enter iPod main Menu | Open/close repeat play |
| Previous | Switching to video broadcast |
| Play/pause | Popup/Hide Numeric Keyboard |
| Next | Return to previous page |
| Random Playing Lists Tracks | Return to next page |

### ❸ Numeric Keyboard

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

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

### ❹ 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 Menu to return to last layer.

Name of the List

Playing List
performers
album
style
songs
composer

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

## ❺ Audio Files Play

Click the track to play

Press ⏮ / ⏭ to select Previous/Next play.

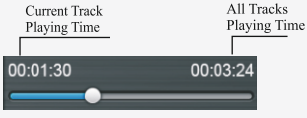
Open numeric keyboard, input track No. and press OK , then confirm to play.

## ❻ Playing Information

There will be information displayed on the screen during playing：

Name of Playing Information：

3/70
Current Track/Total Current Folder's track No.
PLAY(PAUSE) - - - - - - - - PLAY(PAUSE)
Track 14 - - - - - - - - - - - - - - - Song Name
Adele - - - - - - - - - - - - - - - - - - - Singer
Hiding My Heart - - - - - - - - - - Album



Informations showed in the ipod player:

| iPod |
| --- |
| ① iPod |
| ② the current track |
| ③ singer |
| ④ album |
| ⑤ accessory disconnected |
| ⑥ disconnection |

At this moment the iPod player is unavailable

※ 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 is effective(Note: in order to prevail in kind). National standards for digital television DMB-TH/CMMB, support for digital TV programming search, implement of digital television broadcast; switch between programs; to achieve electronic program guide function; to achieve subtitle function;

### ◆ Enter/ Exit

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

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

Notes

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

## 2. 7 Virtual CDC Function Operation

### ❶ Enter/Exit

In the main menu, press VIR.CDC to enter Virtual CDC function playing state:

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

### ❷ Touch Menu Definition

| | | | |
|---|---|---|---|
| | Delete | | PLAY/PAUSE |
| | PREVIOUS | | NEXT |
| | Pageup menu bar | | Pagedown menu bar |

## 2. 8 NAV Function Operation

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

### ❶ 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.

### ❷ 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.

### ❸ 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.

### ❹ 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.

### ❺ Function operation

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

※ 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.

### ❶ Enter/Exit

In the main menu, press AUX to enter AUX function playing state:

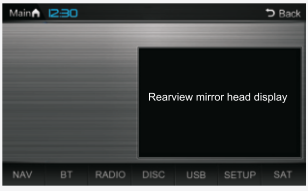
Touch the icon" Back "to enter main menu,touch these icons to exit AUX function interface.

## 2. 10 Camera Function Operation

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

### ❶ Enter/Exit

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




Touch Back 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.

### ❶ Enter/Exit

In the main menu, press AV OUT to enter rear interface:

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

### ❷ Operation

Users can choose the function operation by clicking the icons.

Notes

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

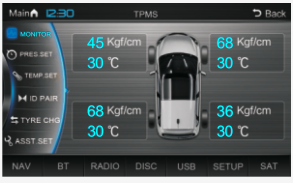
## 2. 12 TPMS Function Operation

- 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)

### ❶ Enter/Exit

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

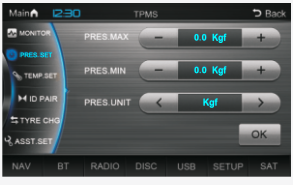



Touch Back icon to enter main page interface meanwhile to exit TPMS function.

### ❷ All Operation Button Function

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

Press "Pressure Setup" to enter pressure setup interface:

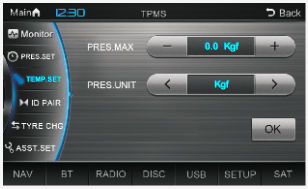



Click − + icon to adjust alarm pressure cap/lower limit value,after adjustment you may press OK icon to save settings.

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

- TEMP.SET Set the upper limit and unit of temperature（℃ 、 ℉）。

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




Click − + icon to adjust values, after adjustment you may press OK icon to save settings. Click < > icon, to switch between ℃、℉ .After adjustment, you may press OK to save the settings.

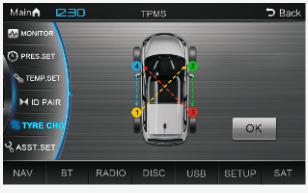
- ID PAIR to pair ID CODE.

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 OK icon to save all setting values.

- TYRE CHG to enter Tires Exchange.

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



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

- ASST.SET Auxiliary functions

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

Click ALARM DEEP 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 SETUP to enter setup interface:

Touch Back icon to exit.

### ◆ System Setup

Press SYS.SET to enter system setup:

Touch Back to exit.

### ❶ Time display

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

### ❷ 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.

### ❸ Key sound

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

### ❹ Backing function

Click 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.

### ❺ Audio navigation

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

### ❻ 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.

### ❼ Change colors for the interface

Click " SYS.SET "to enter the set up interface for changing colors.

There are four colors which are blue, green ,red and orange to choose,then click " BLUE GREEN RED ORANGE "to confirm.

### ◆ Audio Setup

Press AUD.SET icon, then you may enter audio setup page:

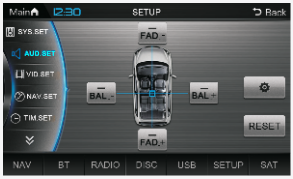
Click + − icon to setup Treble, Mid, Bass, BBE and center volume.

Click RESET icon to restore parameters as system default state.

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

Click 5.1CH icon to choose to turn on/off 5.1 channel;

Click icon to enter balance set interface:




When touch FAD.+ FAD.- BAL.+ BAL.- each icon to adjust the volume of the speaker, click on the RESET 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 VID.SET icon, then you may enter video setup page:

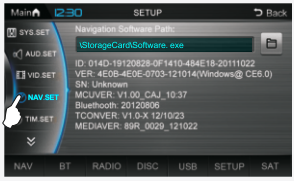
Press + − to set brightness, contrast and chroma.

Press icon STD. SOFT BRIGHT FRESH can choose standard, soft, bright, color four mode;.

Press RESET to reset all the modes.

## Navigation Setup

Press NAV.SET icon to choose navigation software :




Set the navigation route by

## Time Setup

Press TIM.SET icon to enter time settings:

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

Press 24H icon to choose 24-hour.

Press RDS SYNC icon to choose whether synchro with RDS or not.

Press NAV SYNC icon to choose whether synchro with navigation or not

Press icon to the set time zone

## Language Setup

Press LAN.SET icon to enter language interface:

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

## Steering wheel control

Press KEY.SET icon to enter Steering wheel control interface:

The steering wheel calibration steps are as follows:

1、 Touch beginning key, start the steering wheel setting ,

2、 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

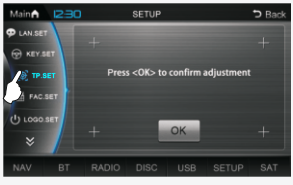
4、Press the corresponding button on the steering wheel

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 END icon， end learning and exit, right now can use the original car steering wheel control the host.

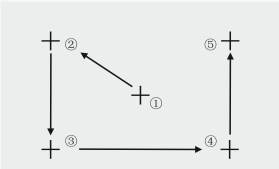
## Control Calibration

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

Press TP.SET to enter calibration interface :



Press OK 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.

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

## ◆ Start-up Logo

Press LOGO.SET icon to enter start-up interface.

## Custom Settings for Common Functions

Click “ Shortcut ” to enter the interface of custom settings for common function.

You can set up function shortcuts at the bottom of the interface by choosing functions on the list.

Shortcuts limit selections to seven ,then click function icons and pull them into the list of shortcuts to finish.

If there are seven shortcuts ,and you want to replace other shortcuts,then you just need to pull the new function icons into the list to relpace the old shortcut .

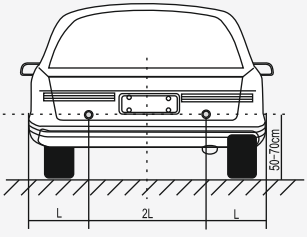
# 4、Accessories（optional）

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.

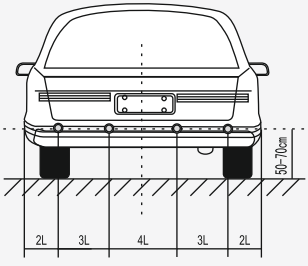
## 4. 1 Car Backing Sensor Installation

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

2 probes
Width=4L



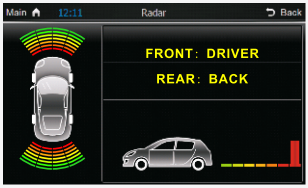

4 probes
Width=14L




※ 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.

connect camera

without connect camera

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 is shown in right picture.

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)

connect to camera

Display signpost (red)

without connecting to camera

- 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.

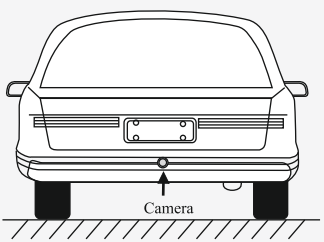
6. The unit analyzes the data from all sensors, and the minimum value, its meaning is the distance between the vehicle and obstacle, will be shown on the screen.

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

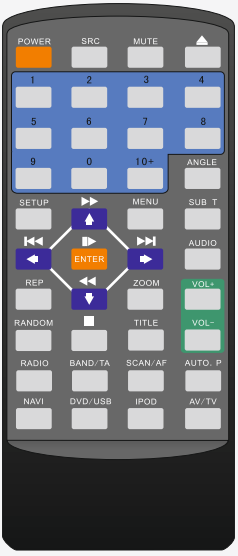
## 4. 2 Car Backing Camera Installation

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 | Short press for screen brightness mode switch button, switch normal mode/night mode/ black 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/ Virtual CDC. |
| MUTE | Press Shortly to be mute state,turn on /off at any state.<br>Long press to enter radar state,and press again to exit. |
| ⏏ | 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 1 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 ;<br>Long press for DVD set menu button, enter/exit DVD set the main menu. |
| MENU | Home page key, in navigation state,press it to switch to currently active state;<br>in other states,press it to the main 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 | Short press for navigation function key, press once to switch into the navigation interface,<br>click again to return to the currently active state;long press to enter touch screen calibration status. |
| DVD/USB | Cycle selection DVD/USB playing function. |
| IPOD | IPOD playing function. |
| AV/TV | Short press to choose short AV function, long press to choose TV function. |
| ▲ | Short press to fast forward in play state;in radio/ TV state, press to high frequency<br>searching radio,long press for shift up the cursor. |
| ▼ | Short press to fast back in play state;in radio /TV state, press to low frequency<br>searching radio,long press for shift down the cursor. |
| ◀ | Short press to select the previous track;in radio/TV state, press it to select the last radio, long<br>press for move the cursor to the left. |
| ▶ | Short press to select the next track;in radio/TV state,pressit to select the next radio,<br>long press for move the cursor to the right. |
| ENTER | Press shortly to pause/play,long press to confirm |

# 5、Precautions

## 5. 1 The Host

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 off the power supply immediately and notify 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 the product，please turn off the power supply immediately and contact the distributor.

Please don't let the display screen 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.

Connecting 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 are 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-shaped 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 |
|---|---|---|
| No display of LCD | Fuse blowing | Replace with a new fuse |
| | Loose wire | Reconnect properly. |
| | Communication between main machine and vehicle control system failed | Press Reset key of the main machine and reconnect |
| | 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 |
| No sound played | System in mute state | Press Mute key exit from mute state |
| | Loose sound cabinet wire | Reconnect properly. |
| | Damaged sound cabinet | Replace with a new sound cabinet |
| No image played | Wrong disk position | Surface with label upwards on the tray |
| | Dirty or damaged disk | Try another disk |
| | 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 |
| Sound skipping during vibration | Wrong installation of the main machine | Ensure fixing the main machine securely |
| | 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 |

| | | |
|---|---|---|
| Bluetooth matching failed or unable to match | Compatible problem exists between some models of cell phone Bluetooth and the product. | Replug the car key to start up and match |
| Touch failed/too slow action | Touch coordinate offset | Recalibrate the touch coordinate |
| | Main machine control system communication error | Press the Reset key to restart or restart the machine |
| Car reversing failed | 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”. |
| No key tone | The “Key tone” is set as “On” | Access system settings, and set “Key tone” as “On” |
| There is music but no accompanying sound during DVD playing | Wrong language setting | Reset the language key |
| | Set the speaker in 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”. |
| Key backlight can't be lit or normally lit. | The “Small lamp control” setting in factory mode is not corresponding with the small lamp control wire connection state or small lamp power supply. | Reset the small lamp control form |
| Disabled steering wheel control | 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 support. |
| Disabled tire pressure detection Not accurate | Tire pressure detection setting error | Reset |
| | Insufficient or no tire pressure detection probe battery | Replace the battery |