Copyright

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 correction 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

In order to use the product correctly and safely, please read this manual carefully. Specification and design due to technical improvement are subject to variation without notice !

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.

Trademark Licence：

①Manufactured under license from Dolby Laboratories;
②"Dolby" and the "double-D" symbol are trademarks of Dolby Laboratories.

Contents

📖 Note	For use the product safely and correctly, please read this manual carefully. Because of technology improvement, the specifications is subject to change without further notice!

1、Basic Operation

1.1 Turn on/off the Host Unit

◆ Turn on

If you pull out the car key to turn off the unit last time, insert the key again, and the unit will be turn on automatically.
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 the system will recognize the information to turn off the unit.
Press and hold the power button for more than 2s, and the system will turn off automatically

1. 2 Enter to Home Page Menu

Radio is the default state while turning on the system,then touch the screen slightly, and "MAIN" icon will be displayed on the down left corner of the screen. Touch the "MAIN" icon to enter the main page menu.

Touch the icon of each function to enter the corresponding function operation.

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

1. 3 Spectrum Display

While the spectrum display is enabled, screen will automatically switch to spectrum mode if there is no operation within 10 seconds when playing in radio, DVD or disc changer status, or disc without video.
At video playing status, open the home page, the screen will switch to spectrum mode after 10s.

Touch "SPECTRUM" icon to switch among different spectrum display modes (as figure shows).

Panel Board Spectrum

Switch spectrum mode

Rectangle Spectrum

Play Information
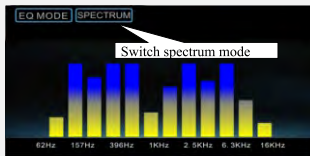
Switch Sound Field Mode
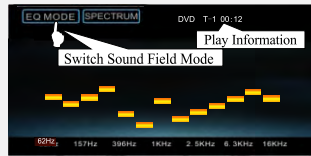
1. 4 Sound Field Mode

During spectrum mode interface, touch [EQ MODE] to switch among different sound field modes.

● CUSTOM   ● POP

● ROCK   ● CLASSIC

● JAZZ   ● FLAT

1. 5 Volume adjustment of main machine

Press the volume adjustment key on the panel to 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

2.11 Enter/Exit

Touch the "MAIN"icon to enter home page interface,and touch **RADIO** to enter radio interface.

On radio interface, the small spectra shown in the right-side of screen, click the icon "EXIT" to return to Main menu. If no operation within 10 seconds, the unit enters the spectra mode.

Touch the icon "SPECTRUM" to adjust the spectra value, touch the screen again to return to the radio interface
Touch the icon "Main menu" to enter Main menu, touch these icons to enter the corresponding interface

2.12 Automatic Search

Touch "SEEK" icon to enter automatic search status, and save the station automatically during automatic search.

Touch the "SEEK" icon again to stop automatic search.
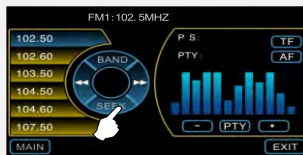
FM:87.50MHz~108.00MHz
AM:522KHz~1620KHz

18 radio stations can be stored for FM (6 stations for each of FM1, FM2 and FM3), 6 stations can be stored for AM.

2. 13 Semi-automatic Search

Touch [◄◄] / [►►] icon to seek previous or next available stations. To program the station, press & hold preset station button.

2. 14 Band Selection

Touch "Band" icon slightly to switch among FM1, FM2, FM3 and AM.

2. 15 Play a Selected Radio

Select the band first, and then press and hold one of the preset bars to set the station.

Selected station will be highlighted

For example: The figure on the right represents FM1，and frequency of 102.50MHz.

2. 2 DVD Function Operation

This unit plays discs in formats like DVD/VCD/CD/MP3/JPEG/MPEG4/CD−R, etc.
(Limited to diameter 12cm standard disc).

2. 21 Enter/Exit

Touch [DVD] to enter DVD
interface.

Touch "MAIN" icon to enter home page, and then touch other function
to exit from DVD function.

If a USB/SD card hard disc is connected, touch the"DVD" icon again to access USB/SD
card playing mode.

※ On RADIO/AV/TV/iPod interface, insert the disc, the unit enters to DVD interface.

On Navigation state, insert the disc, the unit can play the DVD, no video but sound; on
other Navigation mode, insert the disc, the unit can not enter DVD interface.

2. 22 Disc Eject/Load

- A DVD can be inserted at any time and the system will automatically switch to DVD
mode.
- Insert the disc with the label facing upwards. When the system detects the disc, it will
take it in automatically & play.

2.23 Numeric Keyboard

Touch the [≪] icon on the screen, To pop out the numeric keypad（as Figure on the right shows）.

Touch the number，on the number pad to select a chapter directly, and then click [OK] to confirm . Touch [≫] to hide the numeric keypad.
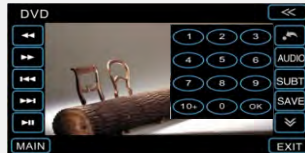
Note: While DVD/VCD/CD playing, if you want to select the track more than 10 to play, first, click the button "10+", second, click the second digit (Button 1-----9). For example, to select the track 58, first, click the button "10+" 5 times, second, click the button 8, it is OK.

While MP3/MP4 playing, if you want to select the track more than 10 , first, directly click two digits button on the numeric keypad and click the button "OK" to confirm the play. For example, to select the track 12, first, click the button "1", second, click the button 2, finally, click the button"OK" to play.

2.24 Touch Menu Function Description

[◀◀]	× FR	[▶▶]	× FF	[I◀◀]	Previous track
[▶▶I]	Next track	[▶II]	Play/pause		

Stop/Back to title menu/PBC switch (disc support is required)

Switch DVD language (disc support is required); switch VCD sound.

Switch DVD subtitle select (disc support is required)

Audio can be saved into   VIR. CDC while playing CD disc.

Image can be captured when playing disc   Menu column of
                                                                    the next page

Enlarge/diminish image   RPT   Repeat   Menu column of the
                                                                         previous page

Turn on/off DVD setting menu

※   On fast-forward playback, click the button fast-reverse to enter the normal playback.
     On fast-reverse playback, click the button fast- forward to enter the normal playback.

     Touch the screen anyplace to show/hide the menu

     Touch   EXIT   icon to exit from touch menu.

     Touch   MAIN   icon to enter home page menu.

DVD Disc Playing

If the DVD has no menu, the system will automatically read the disc & play directly. if the disc has a menu, touch the menu item to play.

- Normal
- Select song

Touch the icon [icon] toreturn to main menu of the disc(Disc support be required).

During playing a disc, click the upper right part of the screen to display the play information.(as right picture show)

DVD T-01 02:16   play

● My HEART WILL GO ON

Near, far, wherever you are, I believe that the heart does go on.
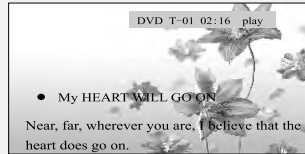
DVD   T-01   02:16   play

Current track number / Play time / Play status

VCD Disc Playing

Insert a VCD, and the disc will be
read and automatically played in
normal order.

● BIG BIG WORLD.
I'm a big big girl, I'm a big big world.
It's not a big big thing if you leave me.

During play a disc, click [image] to
return to disc PBC menu contents.
(Disc support be required)

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

If the disc supports function which
you can select digit directly to play
selected song, open the digit key
board to select song to play directly.

Select   songs   01/15

● My HEART WILL GO ON

Near, far, wherever you are, I believe that the
heart does go on.

Select   songs   01/15

The current track/Track amount of sub menu

📖 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 DVD function operation " Functions of Touch Menu ".

CD Disc Playing

Insert a CD, and the disc will be read and automatically played in normal order.

Track 03/17   00:34

track01
track02
track03
track04
track05
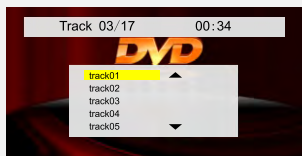
Track	03 / 17	00:34

The current track / Track amount of sub menu   Play time

Touch directly the song name to play too. Touch ▲ / ▼ cursor to select track.

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

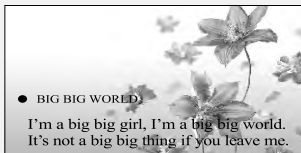If the disc has the title, the track can be chosen directly by the number pad.

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 DVD function operation " Functions of Touch Menu ".

Mp3 Disc Playing

Put MP3 disc into the DVD player, and the disc will read, and the system will play the first file automatically.

①
```
00:15  03:42   160kbps
001/018
001
002
003
004
005
006
                                DISC
```

Disc play information state name

Current play time   The current track time   Play status

①
```
00:15  03:42
001/018
```

The current track   Track amount of sub menu

Touch directly the song name to play too.   Touch ▲ / ▼ cursor to select track.

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 DVD function operation " Functions of Touch Menu ".
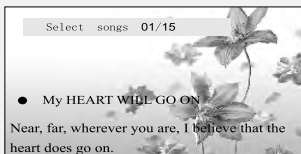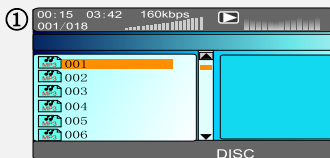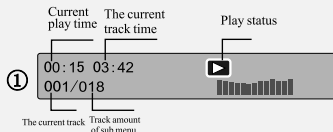
MPEG4 Disc Playing

- MPEG is the abbreviation of "Moving Pictures Experts Group", the Chinese denomination for "Dynamic image specialist group", and the MPEG4 is the fourth generation encoder standard for video audio as released by the specialist's group.
- The play operation of MPEG4 disc is basically same as the DVD disc, no longer rewording here.
- The MPEG4 disc available on the market adopts different kinds of engraving format, such as: XVID, the AVI DIVX, RM, etc. And it is a normal phenomena if part of discs not available to be played at the player because of the format reason.
- MPEG files are displayed on the player in the form of folder/file. Move the cursor to the small icon at the front through the direction button and press the play button for play. The detailed operation refer to the "MP3 disc playing".

Contents interface：
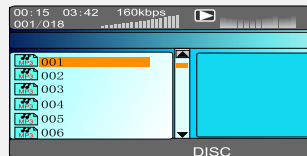
The other play interface is the same as the one of DVD play.

JPEG Disc Playing

Put JPGE disc into the DVD player, and the disc will be read, and the system will play the first file automatically.

Play Status：

During playing, click [ ] once to return to image browse interface.

Browse interface：

Random   ◄ Previous Next ►

Click directly the picture to begin playing

Click ◄ Previous Next ► to page up/down to browse images.

Click the icon" random" to play the picture in the current folder at random.

Click [ ] one more time, it can return to the catalogue menu interface.
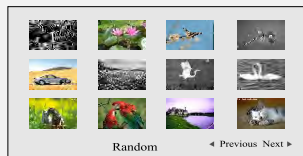
Contents menu interface：

```
00:15  03:42
001/018
                          . .
          A02
          A03
          A04
          A05
          A06            Image preview window
Resolution    1150X866          DISC
```
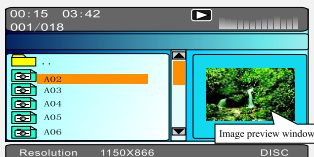
Current image resolution

Click   ▲   ▼   to page up/down to browse images.

Click the scroll bar to view the file list, click file name to play.

On the directory menu, to return the folder directory menu, click the icon   again or
Click the icon "   . . " .

On the subdirectory menu, click the subdirectory to play the picture.

While in browse interface, click   JPEG   to obtain current image and use it as the start-up
image for DVD state custom mode.

Note
- Only by setting "Startup Picture" on the "Universal Setup Page" as the
  "Customer image" in the DVD setting menu can the snatched picture be
  used as the startup picture display.
- When you capture an image again, the previously captured image
  will be replaced automatically.

SD Card Playing

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

❶ Insert /Take out SD Card

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

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

❷ Enter to SD Card Playing Mode

While in DVD function status, touch the "Home page" icon to enter home page menu, and then touch DVD to enter SD card.

playing mode.

```
00:15  03:42      ▶
001/018
       001
       002
       003
       004
       005
       006                 SD/MMC
```
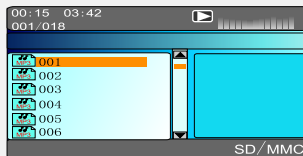
After the SD card is read, the operation is the same as the one for playing MP3 disc. For detailed information, please refer to "play Mp3 disc".

Play Portable Hard Disc

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

❶ Insert / Take out Portable Hard Disc

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

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

❷ Enter Portable Hard Disc Playing Mode

While in DVD function status touch the "Home page" icon to enter home page menu, and then touch DVD to enter portable hard disc playing mode.
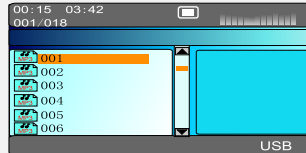
After the portable hard disc is read, the operation is the same as the one for playing MP3 disc.
For detailed information, please refer to "MP3 disc play".

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

📖 Note   If the main machine is connected to both multi-media SD card and USB flash disk simultaneously while in DVD function state, touch "DVD" once to access SD card play, touch it twice to access USB flash disk play, and touch it three times to access disk play.

DVD System Setup

❶ Turn on/off

Enter to DVD state, open the touch
menu.
Gently touch "DVD to set" .

General Setup Page   Preference Page

Audio Setup Page   Exit from the
                            Setup Menu

Password Setup Page

– –GENERAL SETUP PAGE– –
TV DISPLAY   PS
ANGLE MARK   OFF
OSD LANG   ENG
CAPTIONS   OFF
SCREEN SAVER   ON
LAST MEMORY   ON
LOGO TYPE   DEF

GOTO GENERAL SETUP PAGE
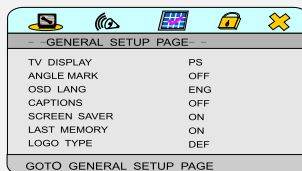
(General setup page interface)

Click   SET   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
the current setup. Click icon   to exit.

General Setup Page

● TV Display

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

Normal/LB   Images will be output in the format of "Message box"

Wide   Images will be output in the format of "Wide screen (16:9)"

● Angle Mark

On/Off   It display the angle mark

● Osd Lang

English/Chinese/Francais/French/Italiano/Svenska/pyccknn
Select the DVD system interface language of the player

● Captions

On/Off   Select display or hidden the subtitle of the disc (needing the disc backing)

● Screen Saver

On/Off   When the player is placed under the stop status or when picture is held still for 3-4 minutes, the screen saver picture will appear.

● Last Memory

On/Off   During DVD playing, reset the player and switch to DVD status or switch to other status and switch to DVD status again, then the player resumes the last playing parameters, and user's can turn on or turn off this function by on or off button.

● Logo Type

Default   Display the default logo type

Captured   The Logo type is the grabbing picture of the consumer.

Audio Setup Page

◆ **SPEAKER SETUP**

● **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)

● **Speaker**

      Front speaker   Center speaker   Rear speaker   Subwoofer

"LRG" means all band speaker   "SML" means the medium and tweeter speaker

The consumer may adjust depending on the practical speaker configuration.

● **Test Tone**

On/Off   When the test tone is turned on, the system will play a section of test audio in accordance with the sequence of the front left, center, front right, right surround and left surround sequence. If there is audio signal output, the connection of the player and 5. 1 channel power amplifier and setup is correction, otherwise, the connection and setup is wrong.

● **Dialog**

00-20   Adjust the volume of the DVD disc dialogue . (It is unavailable to this model).

● **Post DRC**

On/Off/   It is to set up the post DRC ratio of sound. It is suggested that the post
Auto   DRC is set up to "Auto" mode.

◆ SPDIF Setup Page

● SPDIF Output

Output/Off	Meaning that the output signal is an analog signal
SPIDF/ALL	Meaning that the ture form source code flow of the DVD disc is delivered directly through digital port
SPIDF/PCM	Meaning that the code flow of the disc had been decoded before it was encoded into the PCM digital signal output. That entry is selected when the DVD audio output analog signal is connected with 2-channel digital stereo amplifier.

● LPCM Output

48K	It is available to convert 96 K LPCM digital audio into 48K LPCM output when selecting LPCM as 48 K. (That entry is selected when your power amplifier does not support 96K LPCM decoding.)
96K	It is available to deliver the LPCM digital audio in true form output when selecting LPCM96 K.

Note   The setup of PCM channel entry can only be carried out when " SPDIF OUTPUT " is set to be " SPDIF/PCM "or "Other". If the sampling rate of LPCM of the disc is smaller than the sampling rate chosen, then the smaller output is delivered (if the disc is 48 K, but the consumer's selection is 96K, the actual output is 48 K)

◆ Dolby Digital Setup

● Dual Mono

Stereo/L-Mono R-Mono/Mix-Mono	This entry is the selection of Dolby digital channel setup

● Dynamic

FULL-OFF	The greater the dynamic range compression rate, the less obvious of the dynamic range difference

◆   Channel Delay

●   Select the sound configuration through up/ down cursor. Touch Left/right cursor to adjust the sound delay distance of the sound chosen.

●   The Sound Delay Distance: Select different sound transmission effect in different space, and the magnitude of space decides the magnitude of delay


```
─  ─Audio  Setup  Page─  ─
     Speaker Setup
     Spdif Setup
     Dolby Digital Setup
     Channel Delay
     Equalizer
     3d Processing
     Hdcd
          GoTo  Audio   setup  page
```

◆   Equalizer Page

●   Eq Type

     Done/Rock/Pop/Live/Dance/Techno/Classic/Soft

     This setup is to set up the player output audio, and it is available to imitate various effects of music style

●   Bass Boost

     On/Off   This setup is to set up whether or not enhancement of bass output

●   Super Bass

     On/Off   This setup is to set up whether or not enhancement of super output

●   Treble Boost

     On/Off   This setup is to set up whether or not enhancement of treble boost

◆   3D Processing Page

●   PRO LOGIC II

     On/Off/Auto   Dolby directional logic setup, the setup is only effectively when
                     "DOWNMIX" setup in "Speaker setup" is setup to "OFF" .

● Reverb Mode

Off/Concert / Living/Room/Hall/bathroom/ Cave/Arena / Church

The setup is set up the reverb mode to obtain different reverberatory effects.
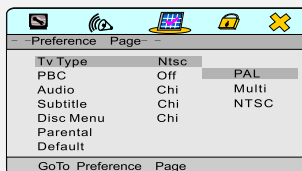
◆ Hdcd Setup Page

● Digital Filter

Off/1X/2X   Digital wave filter: This option is used to select the sampling frequency for the digital wave filter. The more the sampling frequency is, the clearer and more perfect the tone quality is. The set-up at delivery from the factory is 1X. Under such set-up, the reading of hdcd displays cd. To play hdcd, please set it to the default value or 2X.

Preference Page

Preference Page can only be set up when the disc exiting from compartment and under no disc status.

```
┌─────────────────────────────────────────┐
│  Preference   Page                       │
│    Tv Type          Ntsc                 │
│    PBC              Off        PAL        │
│    Audio            Chi        Multi      │
│    Subtitle         Chi        NTSC       │
│    Disc Menu        Chi                   │
│    Parental                               │
│    Default                                │
│      GoTo  Preference   Page             │
└─────────────────────────────────────────┘
```

● TV Type

PAL/MULTI/NTSC   Setup the type of the video system
                （This system is recommended to set up NTSC mode）.

● PBC

On/Off   Set the ON/OFF of the PBC menu play control. If turn on the PBC play menu, when playing 2. 0 version and above disc, entering the menu folder automatically when reading.

● Audio   English/French/Italian/Swedish/Spaish/Chinese/Japanese/Korean/Russian/Thai

It select the language of the sound when disc is playing(needing disc backing)

● Subtitle

English/French/Italian/Swedish/Spaish/Chinese/Japanese/Korean/Russian/Thai
It select the language of the subtitle on the disc(needing disc backing)

● Disc Menu

English/French/Italian/Swedish/Spaish/Chinese/Japanese/Korean/Russian/Thai

It select the language of the disc menu(needing disc backing)

● Parental
1 KID SAF/2 G/3 PG／4 PG 13/5 PGR/6 R／7 NC17/8 ADULT

It set the locking level of the disc menu.

● Default

Reset   Resumes the function setup column to the original status of player before delivery from the plant.

🎩 Password Setup Page

● Password Setup

On/Off

When the setting is enabled, the password setting is enabled. For watching the disk with password lock or changing the age class setting, the system requires you to enter password first.

Password Setup Page		
Password Mode	On	On
Password		Off
GoTo Password Setup Page		

23
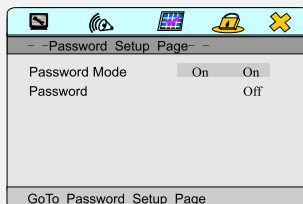
When the setting is disabled, the password setting is disabled. If the password has been set, enter the original password to cancel the original password first to cancel the password setting.

As the figure shows, use remote number key or touch the number pad of the touch screen to enter correct password and confirm.

Password ****
OK

● Password

Select sub-item "Change" in password options and press OK to access password change page. As the figure below shows, enter the new and old passwords respectively, and press OK key to end.

Old Password ****
New Password
Confirm PWD
OK

● The original password of the system is "1389"

Exit from the Setup Menu

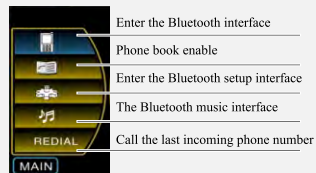Press to confirm and exit from the setting menu.

2.3 Bluetooth Handfree

- The system provides bluetooth hands free communication function. If your mobile phone is bluetooth enabled, it can establish a point-to-point connection with the system, providing telephone dial up and call answering Phonebook, bluetooth music play functions.

※ Note: 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 systems in actual use. Please forgive us for this.

2.31 Enter/Exit

Touch BLUETOOTH   to enter bluetooth main interface.

Touch "Exit" icon to exit from bluetooth interface.

Enter the Bluetooth interface

Phone book enable

Enter the Bluetooth setup interface

The Bluetooth music interface

Call the last incoming phone number

2.32 Pair/Connect

For using the Bluetooth handsfree function, establish the connection first. Match the main machine with the Bluetooth cell phone and touch   icon：

Bluetooth main interface
(as figure shows).

- Touch [PAIRING] ,open the bluetooth function of your cell phone and enable the bluetooth device searching function, and "Matching" will be displayed on the screen. After the connection succeeded, the cell phones will display the device name (Ample 1). While connecting, the cell phone indicates the input device connection password (1234). After matching, "Connected" will be displayed on the screen, the matched cell phone model will be displayed on the screen automatically, and [icon] icon will be displayed on the upper right part of the screen.

- [CONNECT] For manual connection, if matching succeeds, click this button to reestablish the connection after the main machine or the connection is off.

- [AUTO CON] For automatic connection, if matching succeeds, the connection can be reestablished automatically after the main machine is off; and the connection can be reestablished automatically after several seconds if the connection is off.

[AUTO ANS] Automatically answer means at connection mode , after hints of incoming call ring three times ,it can automatically answer the phone.

2. 33 Modify the name and password

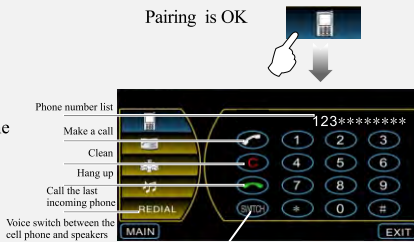On the setup interface，touch
the icon [MODIFY] enter the modify
interface

Touch the icon [RENAME] to be modified are shown in the display
box on the right screen, you can enter the new character by means of a soft keyboard, click
the icon [↵] to confirm the operation.

If input error, press the icon [DEL] to delete it. Press the icon [EXIT] to exit.

The method of modifying the password is similar to the method of the modifying name. If modifying the password is OK and disconnect, the modified the password and name shown on the Bluetooth setup interface.

Pairing is OK

2. 34 Dialing

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

Phone number list
Make a call
Clean
Hang up
Call the last incoming phone
Voice switch between the cell phone and speakers

123********

Click number button to enter number, Number line show input number， if input wrong number, click [C] to delete one by one.
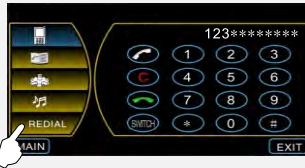
123********

After enter telephone number, click [ ] to call number.

123********

Touch [ ] to hand up

123********

27

During communication, Click [SWITCH] can switch communication between car amplifier and mobile phone.
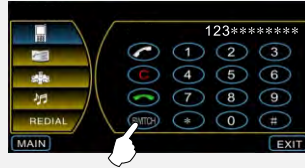
Touch the [REDIAL] to call the last incoming call.

2. 35　Answer the Phone

When there is outside calling, In any mode, the system will automatically switch Bluetooth hand-free interface, and playing music for original mode will turn to incoming ring.

Touch interface [📞] or [📞] to choose answer or refuse. If "answer" is set up for : "automatically answer"，after ring for three times，it will automatically connect telephone，incoming number will be displayed in the number line.

During communication, click [SWITCH] to switch communication between car amplifier and mobile phone.

2. 36　Phonebook

Touch [icon] icon

123********

Phonebook image appears. The
phonebook displays incoming
calls, received calls, and missed
numbers(It displays 5 most recent
calls in each category）.

2. 37　Bluetooth Music Play

Match and establish the connection

If the cell phone supports
Bluetooth music play, the audio
from the cell phone can be head
on the car's speakers.

Touch [icon] icon

When phone is paired to the system,
activate bluetooth music play on
the phone. You should be able
to hear audio through the car's
speakers. You can control music
play through the touch screen
interface.

	Play/pause		Stop
	Play next track		Play previous track

Click the setup icon to exit from bluetooth music play.

- Only support bluetooth mobile phone has " stereo player" or " telecontrol" function , which can operate music playing interface.

- Music of the cell phone can be played only while in the bluetooth music play interface.

- While in music playing state, the screen will automatically switch to spectrum interface if there is no touch operation within several seconds.

2. 4 VIR. CDC Function Operation

While playing CD, save the contents of CD into the unit in form of mp3. This function is available .

2. 41 Enter/Exit

While play CD, touch the icon "save" to copy the contents of CD into the virtual CD.

During copying CD, playing CD continues; touch the icon "EXIT" twice to stop copying CD

Note: During copying CD, if click one of"disc 1---5", copying CD starts from track 1; if click the icon "my favors", copying CD starts from the current track, can store about 60 songs.

Touch the "MAIN "icon to enter home page interface,and touch VIR.CDC to enter virtual function playing status:

Touch the " MAIN" icon to return to the home page interface，and touch other function icon to exit.

2. 42   Touch button function

|	Delete		Next song		Previous song
	Play/pause		Previous track		Next track

2. 42 VIR. CDC Playing

After CD contents are copied
to the virtual CDC, touch the
icon VIR.CDC to play.

Touch the icon [   ] to select the previous/next track to play. Touch directly the
track name to play too.

Note:the character "play" shows behind the track which is playing

2. 5 TV Function Operation

If the main machine has a built-in TV module or an external TV tuner module, this operation is available (Note: choose the actual product for an example).

2. 51 <u>Enter/Exit</u>

Touch the screen slightly to open the touch menu.

Touch the "MAIN" slightly icon to enter home page interface,and touch [TV] slightly to enter analog TV function playing state:

Analog TV menu

Touch the "MAIN" icon to return home page interface, touch other function icon to exit from TV function.

2. 52 Touch Menu

Definitions of analog TV touch menu

Touch [PROG] / [PROG] to select the previous/next channel.

[SEEK] Automatic channel search and automatic memory

[MEM] Manually select a channel and click to store the channel.

Touch [TUNE] / [TUNE] to fine tune a channel.

Click [≪] to open the numeric keypad, click digit button to select a channel directly and click [OK] to confirm the play.

Touch [≪] to hide the numeric keypad.

Click "10+" on the digit keyboard, and click the corresponding number keys to select a channel higher than 10.

📖 Note For detailed digital TV function information, please refer to the operating instructions of the TV module.

2. 6 iPod Function Operation

When the unit is connected with an external iPod player, the audio and video files stored in iPod player.

2. 61 Enter/Exit

Touch [iPod] to access ipod main interface.

> PLAYING 002/017
> PLAY
> ******
> ***
> 02:17

Touch the "MAIN" icon to return to the home page interface，and touch other function icon to exit.

> **Note** If the iPod player is connected when the unit is on, the iPod player can be detected after restarting the host unit.

2. 62 Description of Touch Button

KEYBOARD Pop up/hide the number pad

REPEAT Repeat the current played song

SCAN Scan and play songs in the current folder. The next song will be played after the current song has been finished for 10 seconds.

RANDOM Play songs in the current folder at random.
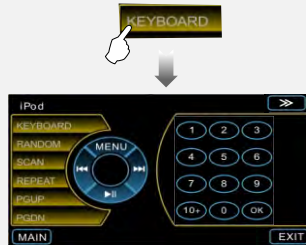
PGUP Turn a page up

return to upper menu

Previous track   Next track

Play/pause

Display playing information
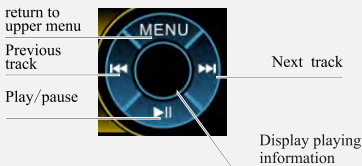
PGDN Turn a page down

2. 63 Numeric Keyboard

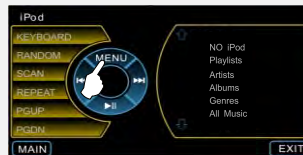Enter the song number by the digit keyboard to play the song.

click the digit button to select, and then click [OK] to confirm, and the selected song will be played.

※ click 10+ will invalid , if you choose track above 10, you can click two digits directly to play.

2. 64 Main Menu

Touch [MENU] to return to the upper menu.

Directory name

The system classifies files according to the above-mentioned 6 types and stores files in the corresponding folders. Click to open a folder and play the first file.

0. NO iPod

1. Playlists · · · · · · · · · · Playlists
2. Artists · · · · · · · · · · · Artists
3. Albums · · · · · · · · · · Albums
4. Genres · · · · · · · · · · Genres
5. All Music · · · · · · · · All Music
6. Video · · · · · · · · · · · Video

2. 65　Audio File playing
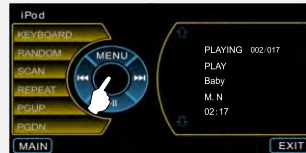
Touch the song to directly play
the song.
Touch [▶] to select and
play the previous/next song.

Open the digit keyboard and enter the song No. to play.

2. 66　Playing Information

Touch the center of the control
plate, and the play information
will be displayed in the box on
the right:

Play information name

NOW　PLAY　002／017
Current play track number／total number

Baby　　- - - - - - - - - -　opern

M. N　　- - - - - - - - - -　Special

02：17　- - - - - - - - - -　Play　time

PLAY（PAUSE）- - - - - Play／pause

Click [MENU] to return to the play contents menu.

iPod player display image:

iPod
*****
Enable disconnecting

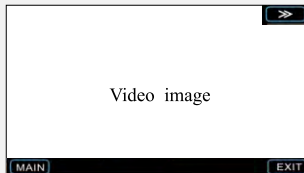At this mode the iPod player can not be operate

2. 67 Video File Playing

Touch [MENU] to return to iPod main menu, and then click 6 video.
Main control is switched back to the iPod. Select video file to play and the video will be played on the system's screen.

iPod
KEYBOARD
RANDOM
SCAN
REPEAT
PGUP
PGDN
MENU
Video play
MAIN   EXIT

Enter video play interface:

Video image
MAIN   EXIT

While in video playing state, touch the screen slightly to open the touch menu. Touch the "MAIN" icon, and click ⬚iPod⬚ to enter iPod operation interface, touch ⬚MENU⬚ to return to iPod main menu, and then click 1.Playlists item to exit from video play and returnto audio play.

Touch the "MAIN" icon to enter to the home page interface, and touch other function icon to exit.

※ Because of iPod go on updating all the time , some old iPod because of software discrepancy, when in actual operation , it maybe can not be compatible with our product.

Note   When selecting the video play，you should switch to iPod operation state, and execute through iPod player operation; otherwise, sound with no image may occurs during playing.
For detailed iPod operation, please refer to the iPod player manual.

2. 7 AV Function Operation

At the back end of unit ,there are muti-functional compound connection A and D. both of connection should connect to audio and video input port,so that this function will valid.

Touch the "MAIN" icon to enter home page interface,and touch [AV] to enter AV main interface.

Touch the "MAIN" icon to enter home page interface, and touch other function icon to exit from the AV function status.

AV input

A   B   C   D

E   F   G
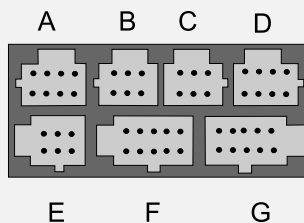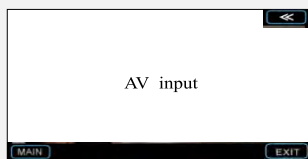
Note | Both the A and D interfaces of multi-function interfaces on the rear of the host unit can be used as AV input interface, but it can not make two AV input port at the same time, only one of them can be used.

When both the A and D interfaces are not connected to other device, please select A interface prior to B when selecting AV input; otherwise, AV input will be disabled.
The built-in TV interface A cannot be used for AV input.

2. 8 XM/CDC Function Operation

This function is available only when connected with orginal Disc changer or XM Radio.

2.9 NAV Function Operation

This function is available only when connected with navigation module.

2.91 Enter/Exit

Touch the screen slightly to open the touch menu. Touch the "MAIN"icon slightly to enter home page interface, and touch to enter navigation main interface.

While in navigation status, press NAV button on the panel to exit from navigation status and return to other playing state.

At navigation mode, only the corresponding touch operation functions about NAV will be available. If other functions needed, it must exit the navigation mode.

2.92 Navigation Audio and Video Function

When switching to NAV navigation from AV/DVD/disc changer/TV/Video playing status, you can enjoy music or video in the former status in case of no navigation voice indication; and the system will automatically switch to navigation map interface in case of navigation indication. (For details, please refer to "System settings" in "Settings").

2.93 Music Function During Navigation

When switching to NAV navigation from radio/AV/DVD/disk changer/TV/Video playing state, you can enjoy music or video in the former state in case of no navigation voice indication; and the system will automatically switch to navigation map interface in case of navigation voice indication.

2.94 Volume Adjustment

Under NAV navigation status and when there is music output, it is to adjust the system volume at this time.
Under the voice navigation status, it is only used for NAV navigation volume adjustment.

2.95 Function Operation

This product also allows touch and write for destination search. If you know all operation functions, please refer to manual of navigation module.

2.10 Rear Zone Function Operation

The system offers rear zone operation playing function, namely the driver can enjoy music or radio while the passage can watch DVD, TV or AV disc changer program through the dedicated headset screen on the back row without interference.

2.101 Enter/Exit

Open the touch menu and touch REAR to enter to rear zone interface while in any playing status.(except NAV)

Touch "exit" icon to exit.
Note: in CDC mode, the Rear Zone function cannot select DVD.

2.102 Operation

Touch one of the "TV/AV/DVD" icon to select the rear zone media playing source.

Note   For detailed operation of headset screen rear zone playing, please refer to headset screen manual.

2.11 TPMS

● According to the different model

This function is available only when connected a tyre pressure monitoring sysem. Set the upper and lower pressure limits, as well as the temperature range for each tire, when limits are exceeded, an alert will sound. (It is available when alarm tone setting is on.)

While in setting menu, click
[TPMS] to enter tyre pressure detection interface.

Touch "exit" icon to exit.

Buttons function

● Setup the pressure upper limit /lower limit/unit(PSL、BAR、Kgf).

Touch the icon [P SET] to enter pressure setup interface.

After touch the icon [LOW LMT] or [UP LMT], click the icon [−] [+] to adjust value,then click the icon [ENSURE] to save.

Repeat to click the icon [UNIT], the pressure unit, PSL/BAR/Kgf, switches in turn,then click the icon [ENSURE] to save

● Setup the temperature upper limit/unit (C、F).

Touch the icon TEMP SET to enter
the temperature setup interface.

Touch the icon ― + to adjust value, then click the icon ENSURE to save.
Repeat to click the icon UNIT , the temperature unit changed between C and F,
then click the icon ENSURE to save.

- ID code pairing
  Click the icon ID PAIR to enter
  the ID code pair setup interface.

First, click the icon "Tire", secondly, click the ID code, then click the icon ― +
to adjust the front left tire/ the front right tire/the rear left tire/the rear right tire value(0---
9,A---F), finally, click the icon ENSURE to save.

- Tire Swap
 Click the icon TYRE CHG to enter
  the tire swap setup interface.
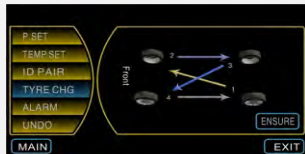
Press the icon ENSURE to swap tire, just follow the arrow.

- ALARM Open/close warning sound
- UNDO Recover the last setup value

2.12 CAM Function Operation

On this mode, if the rear camera connected, you can view the picture from the rear camera.

On the main menu, touch the icon CAM to enter the rear camera interface

CAM input
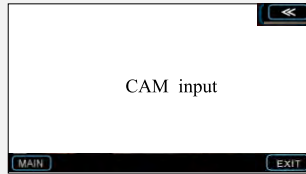
Touch the icon "Main" to enter main menu, touch other function icon to enter the corresponding interface.
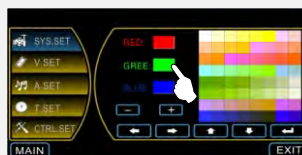
2.13 Button Background Adjustment

● According to the different model

Enter "System setting" menu, and touch [BACKLIGHT] character to change the background color of the panel buttons.

Numerical value of red，green，blue can be adjusted to change LED color of the panel ,Click [— +] icon to adjust.

Operate the direction cursor to move the light ring to select the background color.

Touch directly to select background color, and click [↵]   to store the selected background color.
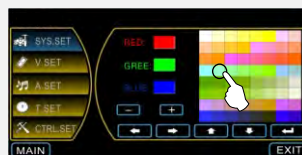
2.14 Steering Wheel Calibration

● According to the different model

Function implemented qualification：

1、Steering wheel learning function is the same with the original steering wheel which not bus-mastering.

2、Key-press of original steering wheel must adopt the control way of voltage inputting. (when you operate each Key-press, enter each voltage into original sounder port)

3、When installation, find the three sorts of wires of original car steering wheel keys, one is its ground wire, one is its keys controlling wire(2 strips for some cars) and the last is its battary wire(+5V or +10V),then connect them to corresponding steering wheel wires of our host.

(When pull out the connector of audio host of original car, and original car steering wheel keys still power on, there is no need to connect extra battery; otherwise, you need to connect them to the output(+5V or +10V) of our host steering wires. Use the "Key control wire 1"first when connecting the keys controlling wire, if abnormal control, please choose the "Key control wire 2" and relearn for use.)
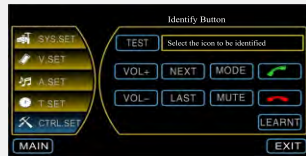
While in setting menu, click "Control calibration" icon and touch [icon] to enter steering calibration.
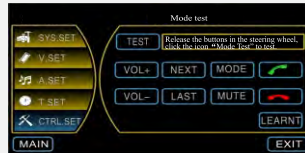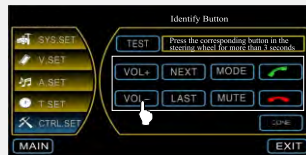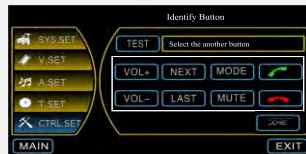

Steering wheel mode test
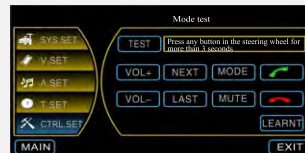
Press any key of the steering wheel to confirm the steering wheel state.

Click the desired function key on the screen first.

Press the corresponding button on the steering wheel.

After training, the system will indicate the training of the next function key. Repeat these procedures until trainings of all control keys of the steering wheel are finished. Touch [   ] to end and exit, and the main machine can be controlled by using the steering wheel of the car.

Note In fact, user can set steering wheel button function as needed. For example, touch [NEXT] on the screen, and press the "Vol. +" key on the steering wheel to set the key as "Song +" function.

3、 System Setup

Basic Operation of Setup Menu

3.1 Enter/Exit

Touch the screen slightly to open the touch menu.

Touch the "MAIN" icon slightly to enter home page interface, and touch SET slightly to enter system setting main interface.

Touch "exit" icon to exit the current menu.

3.2 System Setup

Touch SYS.SET to enter system settings.

Touch "exit" icon to exit.

◆ Time Setup

Touch TIME DISP ON / OFF icon to turn on time display function, and the time will displayed on the lower right corner of the screen.

◆ Spectrum Display

Touch SPECTRUM [ON] [OFF]
icon to turn on/off spectrum
display funtion.

◆ Backing a Car Function

Touch BACK [ON] [OFF]
icon to turn on/off reverse
function. If radar and camera
are connected, the screen will
display the reverse state
information when proceeding
to reverse gear.

While shutting down the panel, pull out/insert the car key again, and the screen will be
on automatically to display the backing a car image. After backing a car, the screen will
be off automatically to enter standby state.

Displays when backing car radar
and camera are connected.

Car Backing
Camera display

1.5 M
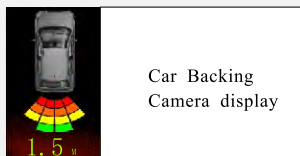
Displays while car backing radar is connected.

◆ Button Tone：

Touch BEEP [ON] [OFF] icon to Turn on/off button tone function, which allows corresponding button tone when you click a screen icon and press a button.

◆ Music During Navigation：

Touch NAVI ADO [ON] [OFF] icon to turn on/off music navigation function. While in navigation, the system will automatically play and switch to audio of the function state before navigation if there is no operation and navigation voice output for several seconds.

◆ Navigation AV：

Touch NAVI VDO [ON] [OFF] icon to turn on/off navigation AV function.While in navigation state, the system will automatically play and switch to AV of the function state before navigation if there is no operation and navigation voice output for several seconds.

◆ Background Color:

Can adjust background color of the panel buttons.（See detaits in 2. 13 Button Background Adjustment ground）

3. 3 Video Setup

Touch "Video settings" icon to enter audio settings.

Background image
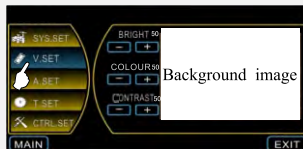
Touch [—] [+] to adjust the brightness, chroma and contrast of the image.

3. 4 Audio Setup

Click "Audio settings" icon to enter audio settings.
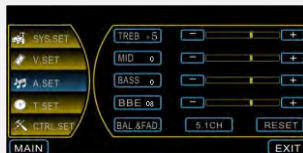
Touch the icon "treble/middle/bass" , touch icon [—] [+] to adjust the tone

Touch the icon " RESET " to setup the audio to the default value.

Touch the icon BAL &FAD to enter the sound field setup interface.
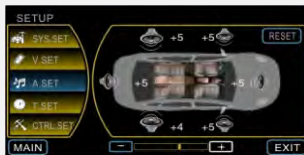
While touch the icon   the corresponding icon   shown in the right corner of the screen, touch the icon   to adjust the speaker volume, touch RESET to setup the audio to the default.

Touch "exit" icon to exit .

Note
"Center volume" adjustment is available only when 5.1-channel is on.
Only play 5.1ch disc , you can set up 5.1ch on turn on mode.
When play VCD ,CD ,MP3 disc ,please do turn off 5.1ch.

3.5 Time Setup

Touch the icon T.SET to enter the time setup interface.

Touch to select and set the hour or minute (when the selected item flashes, the adjustment is enabled).

Touch [−][+] icon to adjust hour/minute, and touch [SET] icon to save the adjusted time.

Touch [12H] icon ,click 12 hours mode to display "PM" character.

Touch [24H] iconr to select 24-hour system.

3. 6 Control Calibration

Touch [STEER CTRL] icon to enter control calibration.

Touch "exit" icon to exit .

◆ Touch Screen Calibration

If deviation occurs to touch screen, you can correct the touch coordinates through "Touch calibration".

Touch "Touch calibration"icon to enter touch calibration   .
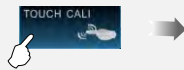
Click left‐down corner
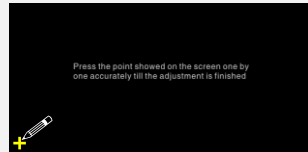
Use the neb to click the central point of "+" icon to enter the next adjustment picture.

Click right‐down corner
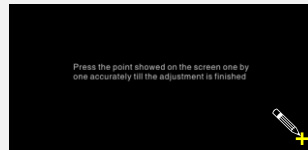
Click right‐up corner
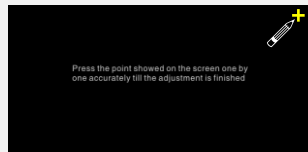
Click left-up corner
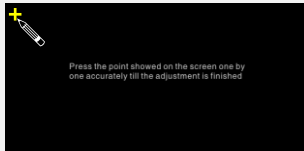
Click center
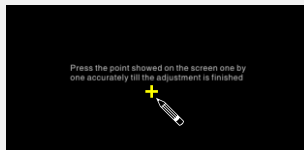
Over!

| Note | If error occurs to touch position, you can correct the touch coordinates through "Touch calibration". When doing touch correction, the center point of the cross must be accurate, or else the precision of touch correction will be affected. |

◆ Steering Wheel Calibration

(For details, please refer to "2.14 Steering wheel calibration")

3.6 Factory Mode Settings

During factory mode, radio antenna power switch, handbrake control, small lamp control, headset number, system reset, etc. can be set.

Touch [AV] to enter AV mode, click [«] to open the number keyboard, and input password "7253" as the right figure shows:

AV INPUT

Enter to factory mode interface.

Touch [EXIT] to exit from factory mode interface.

3.61 Factory Setup

System software version No.

Touch the icon "Factory Setup" to enter the factory setup interface.

◆ Radio ANT_P

On   Off

When the radio antenna wire was used as antenna amplifier power wire, the setting shall be on, whereas the setting shall be off.

◆ Brake

Off   Level   Pulse

When there is no handbrake control, the setting is off.
When the handbrake control power supply uses DC power, the setting is level.
When the handbrake control power uses pulse voltage, the setting is pulse width.

◆　　Lamp

　　Off　　　Level　　　Pulse

　　When small lamp switch control is not necessary for button background, the setting is off. When the small lamp control power uses DC power, the setting is level. When the small lamp control power uses pulse voltage, the setting is pulse width.

◆　　H_ Num

　　1　　2

　　The headrest number shall be set according to the actual number, (this product supports up to 2 headsets).

◆　　Reset

　　Click system settings to reset to the factory state.（Under factory mode，each setup is compelling setup，it can not be restored.

3.62　PRESET Setup (no user setup items)

3.63　System Information

　　Touch the icon ![SYS INFO] to show the system configuration information of the unit.

3.64　START UP LOGO（no user setup items）

　　Touch ![STAT UP LOGO] icon to select start up logo．

3.65　SET AREA

　　Touch ![SET AREA] icon to select EUROPE, OIRT，USA1，USA2 for RADIO system．

4、Accessories（optional）

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

4.1 Car Backing Sensor Installation

● The Requirements and Method of Installation

Sensors should be inserted vertically into rear bumper as the arrow's direction. Any direction's inclination will affect the usage.
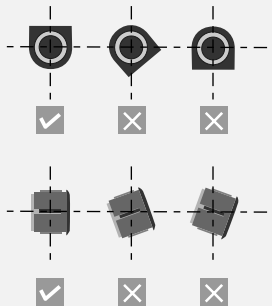
According to the quantity installed, the positions can be as follows:

2 probes

4 probes

2L 3L 4L 3L 2L

50~70cm
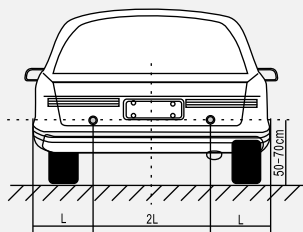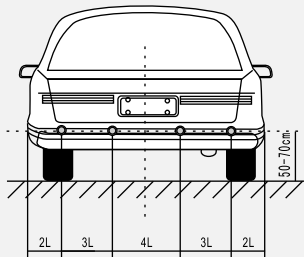
※ The final installation position can be adjusted slightly according to your car dimensions.

● Backing Radar Usage

When backing car signal cable is connected properly, radar function will be started automatically when you backing your car.

Sensor's Effective Scope Diagram

Braking area
Slow down area
Warning area
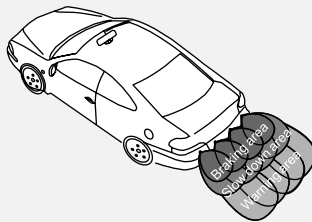
● Reverse Display

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

TO_HINDER
1.5m

As figure shows, emerald represents forewarning area, yellow represents amble area, and red represents stop area.

Left   Sensor1

    Sensor2

    Sensor3

Right   Sensor4

Warning area   Slow down area   Braking area
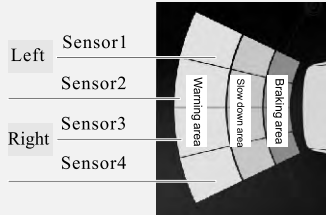
If both the car backing camera and radar are connected, screen display while backing a car.

Car Backing Camera display

1.5 M
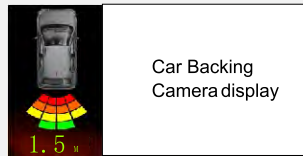
●   Display Form

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 show analog car photo as well As radar detecting distance on the screen .

camera display

connect camera

TO_hinder
0. 8m

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 1.2 but more than 0.3, monitor will display left and right radar signpost, and actual measure distance, which as shown in right picture.

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

camera display
0. 8m

connect camera

TO hinder
STOP

without connect camera

Display signpost (yellow)   Display signpost (red)

camera display
STOP

connect to camera

TO hinder
STOP
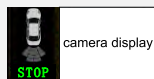
without connecting to camera

● 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 4 sensors, and the minimum value, its meaning is the distance between the vehicle and obstacle, will be shown on the screen.

- **Precautions for Using Radar**

  Detection can be affected by:

  When in a smooth slope, signal can be reflected out.

  smooth slope
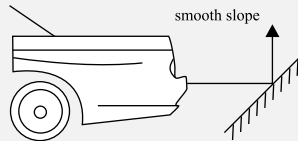
  When in the near of a smooth spherical object, signal can be reflected out.

  smooth spherical object
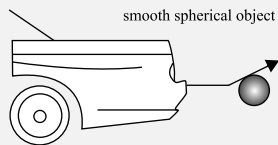
  When in the near of a sound absorption cotton like object, signal can be absorbed greatly.

  sound absorption cotton like object
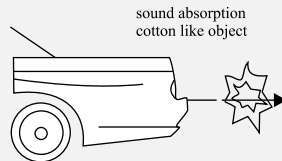
  If meeting similar special objects, reflection of the detecting wave will be blocked.

  similar special objects
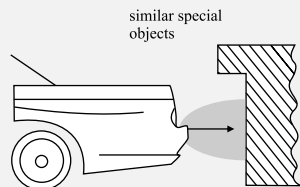
If meeting similar special circumstances, the detecting wave can not be detected.

similar special circumstances
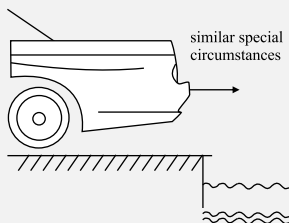
After installation, please first Confirm the function, then use.
When there is a rainstorm, or the inductor is polluted or is damaged, the detecting results will be affected.

Note The system is only designed to help you back your car，our company will not take any responsibilities for any accident. So, please pay attention in driving.

4. 2 Car Backing Camera Installation

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

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

Camera
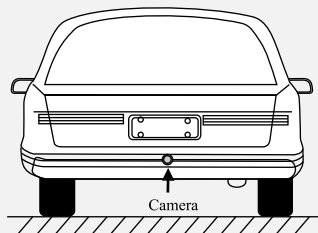
4. 3   Description of the Buttons on Remote Control
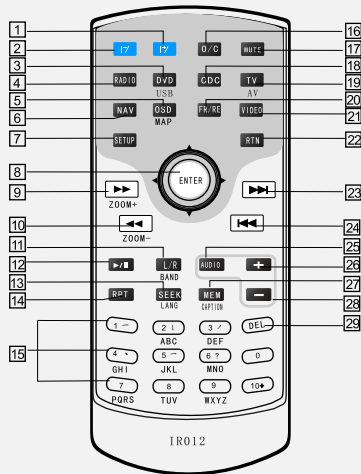
NO.	Button	Description of Button Function
①	⬆	Slide up (unavailable for fixed monitor)
②	⬇	Slide down (unavailable for fixed monitor)
③	**DVD/USB**	1.Switch to DVD status in any status. 2.In DVD status, press it repeatedly to switch the mode among USB/SD/ DVD mode in turn.
④	**RADIO**	Switch to RADIO status.
⑤	**OSD/MAP**	1.In DVD or CDC status, turn on playing information display; 2.In navigation status, switch menu between the map and current place.
⑥	**NAV**	1. Select navigation status; 2.Press this button in navigation status can enter navigation main menu.
⑦	**SETUP**	Turn on/off the setup menu.

NO.	Button	Description of Button Function
8	◀ ▶	1. In RADIO status, seek previous/next station for play; 2. Fast forward /backward in CDC status; 3. Maunal fine tuning in TV status; 4. In menu setup status,adjust parameters. 5. In DVD status, no function for playing;
	▲ ▼	1.Adjust previous/next station step by step in RADIO status; 2. In TV status, select previous/next stationfor play; 3.In CDC status, select next/ previous track or chapter; 4. In menu setting status, select setting menu item. 5. In DVD status, no function for playing;
	ENTER	1.Press it vertically as function confirm button; 2.In the fast forward/backward multiplication speed play status, press it vertically can return to normal status.
9	▶▶	1.In RADIO status, search high frequency station semi-automatically; 2. Fast forward in CDC, DVD status; 3.In navigation status, press it to magnify map function.
10	◀◀	1.In RADIO status, search low frequency station semi-automatically; 2. Fast backward in CDC, DVD status; 3.In navigation status, press it to minify the map.
11	L/R/ BAND	1. In RADIO status, switch band among FM1,FM2 and AM in turn; 2.Switch sound channels during VCD playing. 3. Switch the language of the disc during DVD playing.(needing disc backing)
12	▶/‖	1. At DVD or CDC mode, switch status between play and pause; 2. Select different input methods in navigation status.
13	SEEK/LANG	1. In TV and RADIO status, search station automatically ; 2. Switch language of the disc in CDC, DVD status(needing disc backing).
14	RPT	In CDC, DVD status, repeat single track or all the tracks in the disc.
15	Number button	1. During DVD playing, select track directly; 2. When inputting characters in navigation status, you can use input method to do it. 3. In CDC playing status, press 1~6 buttons to select discs directly, press 7 to open DVD setup menu and press 8 or 9 button to select disc up/down. 4. In navigation status, when you want input the words, press the button directly to input the words.(navigation system is required.)
16	O/C	Open/close monitor. (Unavailable for fixed monitor)
17	MUTE	Turn on/off volume. (Unavailable for fixed monitor)
18	CDC	Select CDC function when connect with DVD changer.
19	TV/AV	Select TV/AV function(It is valid when connect with external TV box or AV signal).

NO.	Button	Description of Button Function
20	**FR/RE**	Switches between dual zone.
21	**VIDEO**	It is unavailable for this player.
22	**RTN**	1.During disc playing, return to main menu; 2. Return to map display menu as the main menu of navigation is turn on.
23	▶▶	1.Select the next station in RADIO/TV status； 2. In CDC, DVD status, select next track/chapter.
24	◀◀	1.Select the previous station in RADIO/TV status； 2. In CDC, DVD status, select previous track/chapter.
25	**AUDIO**	Select EQ among FLAT, CUSTOM, POP, ROCK, CLASSIC and JAZZ.
26	**+**	Increase volume.
27	**MEM/CAPTION**	1.Store the station in the RADIO or Tvstatus; 2.Switch subtitle in DVD, CDC status(needing disc backing).
28	**—**	Reduce volume.
29	**DEL**	Delete the words in the navigation status.

4.4 RDS function operation

4.41 PTY Operation

To enable/disable PTY feature, touch the PTY icon on the screen. when enable, PTY will be highlighted.Touch "+/−" to browse PTY options , which is displayed in the PTY fields.If a specific   PTY is selected, it will only deek stations in this PTY.

When the PTY is disabled , it will show the current "PTY" after 5s.

4. 42 AF Operation

Click the "AF" icon on the screen, To enable or disable the AF feature of RDS. When AF is enabled seeking will search for RDS signals autom

If an RDS signal is received, the RDS icon" 👓 " will be displayed on screen in the top right corner.

After a short time, the channel name and style will be displayed in the "PS" and "PTY" fields.

If there is no PTY signal, PTY will display NONE.

If the RDS signal becomes weaker, it will switch to another frequency broadcasting the same station automatically. When RDS is disabled, the " 👓 " icon will disappear.

4. 43   TA Operation

Press the "TA" icon on the screen, this will enable or disable the TA feature.when TA is enable it will appear red in color.Local traffic information will then be received,during broadcast a icon will appear in the frequency field.

When TA is enabled,the system will automatically switch back to receive and traffic broadcast information.

5、Precautions

5.1 Precaution When Using the Product

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 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 first when you plan to clean the machine.

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.

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 by 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 blank 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
	Wrong iPod play video file setting	Please refer to descriptions of iPod function operation
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 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".
Key backlight can't be lit or	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
Disabled handbrake	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.
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 sustain.
Disabled tire pressure detection Not accurate	Tire pressure detection setting error	Reset
	Insufficient or no tire pressure detection probe battery	Replace the battery