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OWNER'S MANUAL



PLDN73i

**7" Double DIN TFT Touch Screen DVD/VCD/CD/MP3/MP4/CD-R/USB/
SD-MMC Card Slot/AM/FM/iPod Connector**

1. Before Operation

1.1 Glossary

PBC (playback control)

It is a kind of signal(menu) recorded in the disc with SVCD or VCD2.0 format used for the playback control. For the discs contained PBC, It can playback interactive software with the menu displayed on monitor screen. If the disc contain still images, it can playback high definition of still image.

Title

Generally, the title is the important part of DVD disc. for example, the theme part of movie is title 1, the part described how to make movie is title 2, the cast is title 3, etc. Every title contain a serial number that is easy to look up.

Chapter

A title can be divided into several blocks, so that every block can be operated as a unit, the unit is called chapter. The chapter contain a unit at least.

Track

It is the biggest component of VCD. Generally, every song of karaoke disc is a track.

1.2 Precautions

Safety

1. Power Source: The unit should be connected to power supply only of the type described in the operating instructions or as marked on the unit.
2. The unit is designed for negative terminal of the battery which is connected to the vehicle metal. Please confirm it before installation.
3. Do not allow the speaker wires to be shorted together when the unit is switched on. Otherwise it may overload or burn out the power amplifier.
4. Do not install the detachable panel before connecting the wire.

Environment

1. Do not use this unit when water and moisture is near it.
2. If moisture forms inside the Lens, it may not operate properly. To correct this problem, wait about one hour for the moisture to evaporate.
3. If the car interior is extremely hot, do not use the player until the car has been driven for a while to cool off the interior.

1.3 Maintenance and Cleaning of Discs

Disc Maintenance

1. To keep the disc clean, handle the disc by its edge, do not touch the disc surface of the play side.
2. Do not stick paper or tape on the disc. If there is glue (or analog) on the disc surface, must wipe it up before using.
3. Do not expose the disc to direct sunlight, or nearby heat sources such as caliduct, or leave it in a car parked in direct sunlight where there can be a considerable rise in temperature.
4. Put the disc inside disc case to keep temperature after finishing playback.

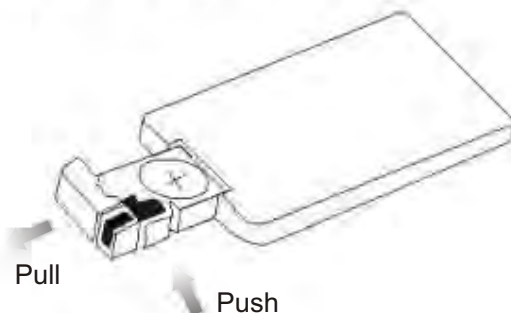
Disc Cleaning

1. Before playing, wipe the disc with a clean lint. wipe the disc outwards from the disc center.
2. Do not use petrol, thinner. commercially cleaner or anti-static spray can damage the unit.



1.4 Battery Information of the Remote Control

Instructions for remote control (shown as pictures)



- * Press the catch and at the time pull out the battery tray. Insert the battery, type CR2025 battery with the stamped (+) mark facing upward. Insert the battery tray into the remote control.
- * Direct the remote controller to infrared receiver window of the machine within 60 and 3 meters, without any barriers between them.
- * Commonly, the life-span of the batteries is about one year, always replace the old set of new batteries.
- * Please take out the battery when not using the remote controller for a long time.
- * Please pull out the separation film before when using the remote controller.

Warning:

Store the battery where children cannot reach. Do not recharge, short, disassemble or heat the battery or dispose it in a fire.

PRECAUTION



WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

CLASS 1 LASER PRODUCT

Laser product symbol: located on the rear panel of the unit, indicate this player is a class laser product, only use weak laser and no hazardous radiation outside of the unit.

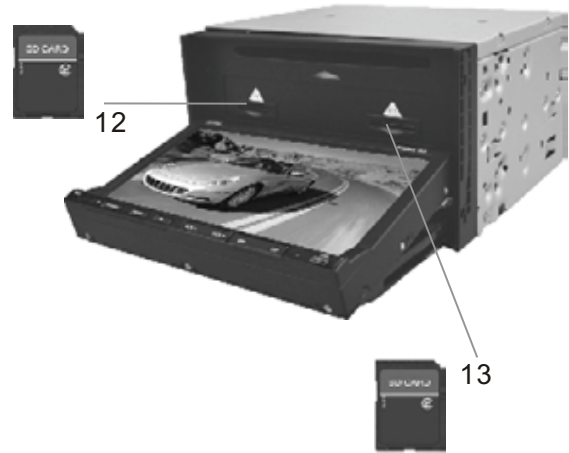
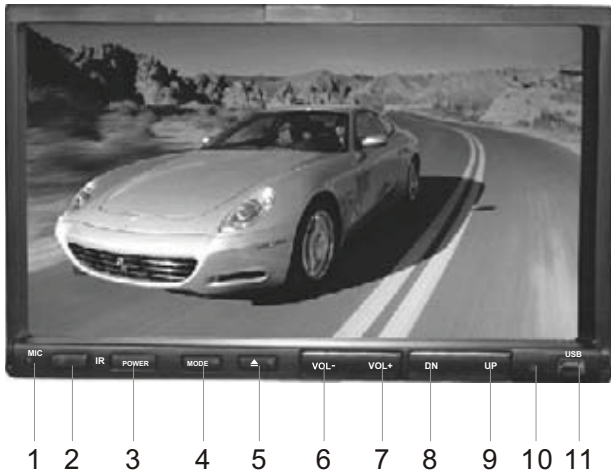
1. Read through this instruction manual before installation and use.
2. Do not touch the power plug with wet hand.
3. Switch off the main power when the unit is not in use. (Disconnect the power plug from the power outlet when you do not intend to use the unit for a prolonged period of time.) Before moving the unit, remove the disc from the unit/ tray first.
4. Do not open the cover or touch any of the components exposed out of the unit, only for qualified technicians.
5. Do not expose the unit under direct sunlight or nearby objects that radiate heat to avoid damage the unit.
6. Do not place the unit in moist and humid conditions, which effect the pick-up of the unit lead to out of work.
7. Place the unit on a flat surface and ventilative condition. Please ensure the ventilation holes are not covered to avoid overheating and malfunction.
8. Clear the panel and case with soft dry cloth only, do not apply any kind of thinner, alcohol or sprays.
9. The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus .

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Basic Operation

Key functions



1. Microphone window
2. Infrared window for remote control
3. Power on/off
4. Mode key
5. Ejecting disc
6. Volume decrease
7. Volume increase
8. Screen angle modulation
 - a. Press the key for a short time and the display will slide downward
 - b. Press the key for a long time and the display will slide downward to bottom.
9. Screen angle adjustment
 - a. Press the key to slide up the display
 - b. Press and hold the key and the display will slide upward to top
10. Reset key
11. USB port
12. SD card slot
13. GPS map card slot (If equipped)

Operating area of touch screen

The touch screen is divided into nine areas, but only six areas are functional.

Under mode of playing DVD and VCD, touch area is shown as Pic(1)

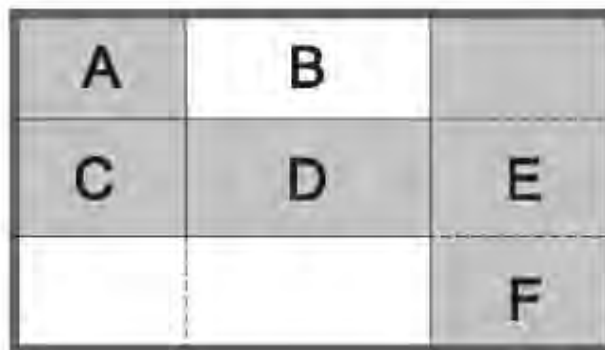
Area A: enter menu of primary category

Area B: enter display of play information

Area C: enter and select previous section (item)

Area D: enter function and state control key

Area E: enter and select next section (item)



Pic(1)

Basic Operation

Remote control operation



Caution :

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

Key name	Function
	Power switch on/off key
EJECT	Key for ejecting/suctioning disc
SRC	Switch mode
OPEN	Key for opening and closing screen
DN/UP	Screen angle adjustment
	under disc mode, select previous/next section; under radio mode, select previous next saved radio station.
VOL-/VOL+	Increase/decrease volume
MENU	Enter primary interface of the system
MUTE	Mute key
	Select AM/FM bands, stop play under other modes
	Play/pause
	under DVD mode, key for image zoom
	under DVD mode, key for entering primary menu of the disc
1.2.3.4.5.6.7.8.9.0	Numeric key
PBC	under VCD mode, key for entering PBC menu
SETUP	Enter system setting menu
SEARCH	Search and play
*AUDIO	under other modes, key for switching audio sound tracks
#ANGLE	under DVD mode, key for switching angles (supported by disc)
REPEAT	Repeat key

Main interface

This vehicle multimedia play system can provide a lot of functions, such as Radio, DVD, SD, USB, iPod, TV, GPS, bluetooth, AV input, rear view lens and so on. You can touch the functions icon to realize the operation of relevant functions. In different play statuses, touch the top left of the screen to enter the main interface shown as Pic(2).



Profile of main interface:

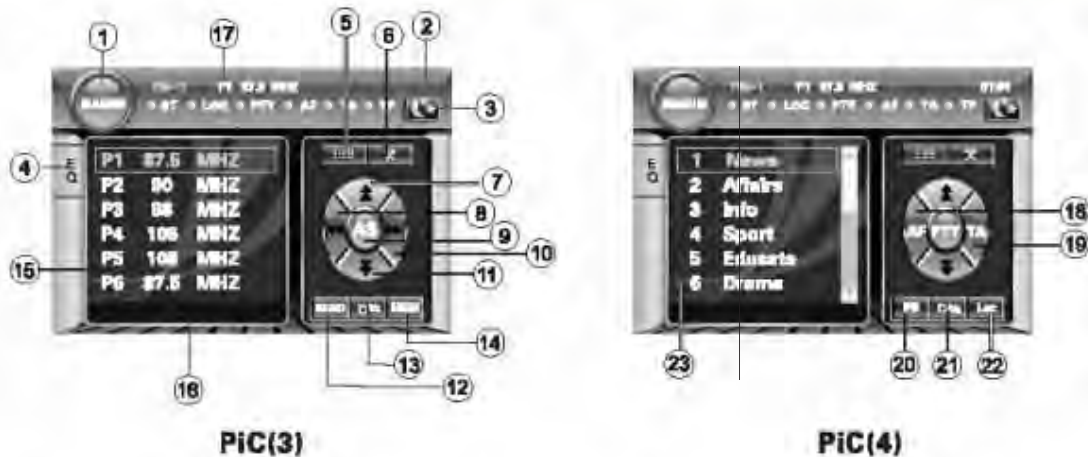
- | | |
|---|---------------------|
| 1. Indicate front play source ; click it to return the front play source. | 9 . TV. |
| 2. Clock shown area. | 10. GPS Navigation. |
| 3. Power saving mode. | 11. Ipod. |
| 4. disc play. | 12. AV input. |
| 5. Radio. | 13. rear view lens. |
| 6. SD Card. | |
| 7. USB. | |
| 8. Bluetooth. | |

Note: If there is no any device connection, icons for DVD, USB, SD, Ipod and Camera will be in grey indicating turn-off and click is invalid in this case.

Function Operation

Radio

Touch Radio Icon In main interface or press mode key in panel/SRC key in remote controller to switch to radio mode.



1. Profile of radio interface opened with RDS function: Pic(3)、(4)

1. Source select key (click the key to return to the main interface)
2. Clock shown.
3. Power saving mode.
4. EQ setting
5. Numeric keyboard for searching frequency point.
6. Click the key to enter system menu setting
7. Press the key to make fine tuning toward high-end frequency
8. Press the key and make semi-automatic search toward low-end frequency
9. click the key and the system will automatically scan radio channels.
10. Press the key and make semi-automatic search toward high-end frequency
11. Press the key to make fine tuning toward low-end frequency
12. Press the key to switch radio band, shown as pic(5)
13. Press the key to enter the next page of setting menu
14. Press the key to save radio by hand.
15. Key for presetting radio frequency.
16. Area for displaying temporary state information
17. Area for displaying temporary state information
18. Click the key to turn on/off AF function (This function aims at automatically optimizing frequency of current channel. If there is break of some frequency point or poor signal of broadcasting radio station, the system will automatically switch to another frequency point with fine signal of the same radio station.)
19. Click the key to turn on/off TA function (This function aims at that the system can automatically switch to current radio channel under any mode if the system detects emergency traffic news.)
20. Press the key, the system will make scanning play for 10s for valid radio channels with stronger signals within full bands; click the key again for cancelling.
21. Press the key to enter previous page of setting menu shown as Pic (4)



PiC(5)

22. LOC/DX (LOC short-distance function/DX remote function) After turning on LOC function, only the broadcasting radio with signals strong enough and fine receiving state can be received

23. Click the key to enter selection of program type

2. Radio interface when RDS is turned off shown as PiC (6)




PiC(6)

Operating function of the menu is same to the above-mentioned.



Notes: It can realize turn-on/turn-off of RDS via setting of the system menu.



3. Operation for radio

- Select FM/AM band

Click BAND key in radio interface /BAND key in remote controller to switch bands among FM-1, FM-2, FM-3 and AM.

- Semi-auto tuning

Touch  key in radio interface or  key in remote controller, the system will automatically search signal toward high-end frequency. When broadcasting radio station with signal strong enough or fine receiving state, search will automatically stop. Or, click the key again, search will also be stopped.

Touch  key in radio interface or  key in remote controller, the system will automatically search signal toward low-end frequency. When broadcasting radio station with signal strong enough or fine receiving state, search will automatically stop. Or, click the key again, search will also be stopped.

Function Operation

- Manual fine tuning

Touch key in the radio interface/ key in the remote controller to decrease/increase tuning frequency through fine tuning.

- Fully-automatic tuning

Touch key in the radio interface for 3sec, and the system will automatically search radio station within full channels. Broadcasting stations with signals strong enough/fine receiving state found out in search will be automatically stored in the preset radio station frequency directory. After search is finished, and the system will browse each valid radio station for 3s.

- Select and play pre-stored radio station

Select required band, Touch and play the radio stations pre-stored in the radio interface.

- Store radio station in manually

Select receiving band, search radio station and stop at the required frequency.

Then, select frequency display bar of radio station number to be stored and click Shown as Pic(3) the radio station of this receiving frequency will be stored in allocated position

- Local search mode (LOC)

After starting LOC of local search, only if the broadcasting stations with signals strong enough and fine receiving state can be listened to. After the function of local search is activated, DX icon displayed in screen will become LOC icon.

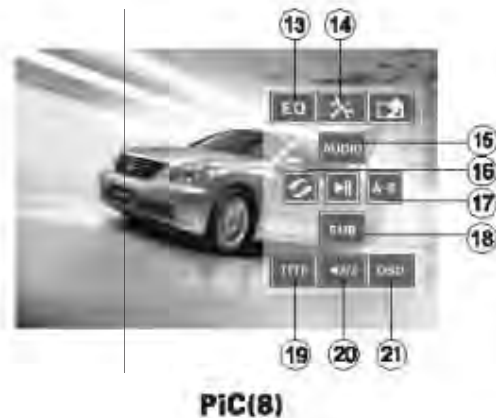
Play DVD

Note: Please use standard and genuine discs and keep discs clean. Proper usage can assure normal service life of this system (this device only supports 12CM disc).

Play DVD disc

Insert DVD disc into disc inlet slightly, the disc will be suctioned into the device automatically, the system will automatically read disc and the screen will display directory menu contained in DVD disc. The user can directly click options in directory menu contained in the disc to perform play, language selection, voice selection, section selection and other disc operations.

In disc play, Touch Area A at top-left corner of the touch screen to return to main interface of the system. Touch Area D in right center of the touch screen, the system will pop up a play control menu shown as Pic (7) and (8).



1. Click the key to enter main interface
2. Click the key to enter the keyboard of searching and playing.
3. Angle switch key (supported by disc)
4. Exit key (click the key to exit function menu)
5. Fast forward (for each click, it will fast forward at 2, 4, 8 and 16x.)
6. Click to select previous section (item)
7. Play/pause
8. Click to select next section (item)
9. Fast backward (for each click, it will fast backward at 2, 4, 8 and 16x.)
10. Stop key (click one time for stop at breakpoint with memory, click again to stop completely)
11. Page key (click the key, it will display another function menu) shown as Pic (8)
12. Click the key to enter primary menu of the disc
13. Click the key to enter EQ setting Interface
14. Click the key to enter system menu setting interface .
15. Key for sound track switch (For DVD disc play, it will switch among different languages and sound tracks. If there is only one sound track contained in DVD disc, and then click will be invalid.
16. Repeat play (for each click, it will switch among repeat section, repeat title, repeat all and turn off repeat in turn.)
17. Repeat and play section (Click for first time to select starting point A, click for second time to select end point B, the system will repeat and play section between A and B. Click for third time, function of repeat and play section will be turned off.)
18. Key for caption switch (If there are different caption information in DVD disc, click the key to make switch among captions in different languages in play.)
19. Click the key to enter title menu
20. Page key(click the key to enter previous function menu).
21. Click the key to display play information, click Area D in central part of screen to cancel play information

Play VCD disc

Insert disc into disc inlet slightly, the disc will be suctioned into the device automatically, the system will automatically switch to VCD disc play mode. In disc play, click Area A at top-left corner of the touch screen to return to main interface of the system. Click Area D in right center of the touch screen, the system will pop up a play control menu shown as Pic (9) and (10).



Pic(9)



Pic(10)

The menu above has functions same to those of DVD disc play menu, PBC function is only valid for VCD2.0 disc.

Note: Functions above can also be done through corresponding keys of the remote control

GOTO SEARCH

In DVD/VCD disc play, it can fast reach designated position for play with GOTO SEARCH function. Click **GOTO** key shown as Pic(7) to enter the interface shown as Pic (11) and (12).

Function Operation






Pic(11)



Pic(12)

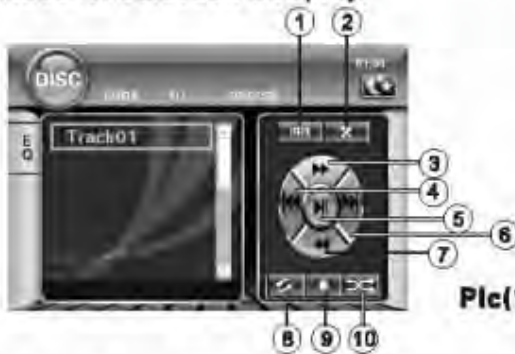
Pic DVD disc

Pic VCD disc

Click number in keyboard, click  key to delete number forward, click  key for confirmation. After confirmation, the system will automatically turn to designated position of the disc for play. Click  key to escape numerical keyboard menu.

Play CD/MP3/WMA disc




Insert the disc into disc inlet slightly, the disc will be suctioned into the device automatically, the system will automatically play CD/MP3/WMA disc and the screen will display play interface shown as Pic (13) and (14). The system will automatically read disc information, and the user can directly click items displayed in the play interface for selection and play.



Pic(13)



Pic(14)

1. Display items/GOTO Search. Click here to display a numerical keyboard shown as Pic (14). Click number in keyboard, click the  key for confirmation. Click the  key to delete number forward and click the  key to escape numerical keyboard. After confirmation, the system will automatically turn to designated disc item for play.
2. Click to enter the system menu
3. Fast forward key
4. Click to select last one.
5. Play/pause key
6. Click to select next one.
7. Fast backward key
8. Repeat and play
9. Stop key (click once for stop with memory, click once again for full stop)
10. Random play key (click the key to turn on/off random play)
11. Page up (to select last one) Shown as Pic(16)
12. Page down (to select next one) Shown as Pic(16)

Play JPEG file

The system can play disc containing with JPEG files, and you can view fine pictures through the screen. Pic (15)



Pic(15)

1. Play/pause
2. Stop key
3. Rotate picture (Click the key continuous, the picture will be rotated in 90 degrees, 180 degrees, 270 degrees and 0 degree in turn)
4. Key for amplifying picture

Note: Click Area C at left center of the screen or Area E at right center of the screen to select previous/next picture.

Play USB/SD

When the device is under running state, the system will automatically switch to USB/SD play mode after connecting to USD/SD. When USB/SD is connected to the device that is not under running state, it shall click MODE key in panel/SRC key in remote controller to switch play source to USB/SD play mode after the device runs. The interface for USB/SD play is shown as Pic (16) and (17).



Pic(16)



Pic(17)

(11) (12)

Formats supported by USB/SD: MP3/WMA/JPEG/MPEG video files. (This device does not support 4G SD card)

Note: In playing information in MP3 and WMA format, functions of the operating menu are similar to those of CD/MP3/WMA play.

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

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

Play IPOD

Ipod is a large storage capacity media developed by APPLE CORPORATION, it takes 1.8-inch hard disk produced by Toshiba as storage media and has a storage capacity of 2~80G. It can store more than 10000 MP3 music/video files with CD quality, has perfect management program, innovative operation manner and unique appearance. It is one of few APPLE products that can cross PC and MAC platforms. Besides playing MP3 and compressed audio/video files, iPod also can be used as High-speed mobile hard disc. It can


Function Operation

display contact, calendar and task, and it also can read E-book in pure text and can be used to listen to audio E-book by Audible. (Note: This device can not play third-generation iPod video files.)

When the device is under running state, the system will automatically switch to iPod play mode after connecting to iPod. (Note: It must set iPod in the system menu to be automatic connection state.) When iPod is connected to the device that is not under running state, it shall click iPod icon in main interface/click MODE key in touch panel/SRC key in remote controller to switch play source to USB/SD play mode. After the device runs the interface for iPod play are shown as Pic (18).



Pic(18)

Operating functions of the menu interface are similar to those of the USB/SD play interface. However, the  key has different function, click the key to enter iPod video play interface shown as Pic (19).



Pic(19)

Click Audio key in menu to return menu for play audio format in Pic (18) right now.

This function can only support video input function that is configured by the iPod, otherwise “NO SIGNAL” will be displayed in screen. In realizing video play function, it set the iPod as follows:

Open main interface of iPod, select “video->video setting”, set to turn on TV output ,TV signal: NTSC; wide screen: turn off.

TV (If equipped)

Click TV icon in main interface/press MODE key in panel/SRC key in remote controller to switch and enter TV mode shown as Pic (20).



Pic(20)



Pic(21)

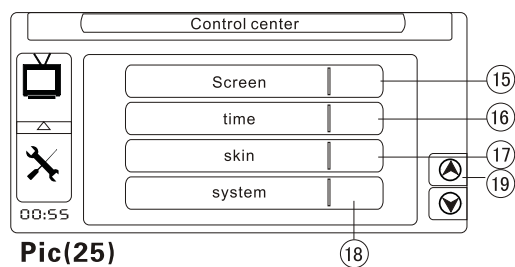
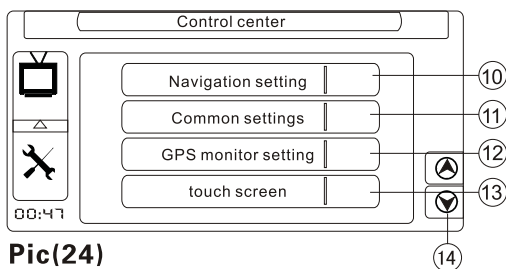
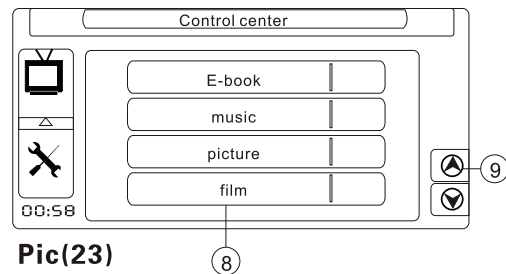
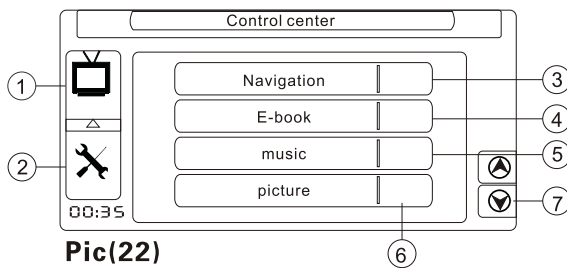
Function Operation

1. Click the key, the system will make semi-automatic search toward high-end frequency and stop until channel is searched.
2. Click the key, the system will make semi-automatic search toward low-end frequency and stop until channel is searched.
3. Click the key to enter As function, it will automatically search and pre-store channels.
4. Click the key, the system will scan channels with stronger signals for 10s respectively with in full channels.
5. EQ Setting.
6. System menu setting.

Note: In watching TV program, click Area D right at central part of the touch screen to return to TV interface setting menu shown as Pic (20); in Pic (21), click Area C at left central part of the screen or Area E at right central part of the screen, the system will make semi-automatic search toward low-end frequency/high-end frequency and stop until channel is searched.

GPS navigation system (If equipped)

Click NAVI icon in main interface or press NAVI key in panel/SRC key in remote controller to enter GPS mode shown as Pic (22), (23), (24) and (25). (Note: Communication of GPS module of this system is com2, bit rate is 9600bps and resolution is 800×480 These parameters shall be taken into consideration in configuring map software.)



Profile of primary menu functions

1. Primary menu
2. System setting menu, click the key to enter interface shown as Pic (24) (25)


Function Operation

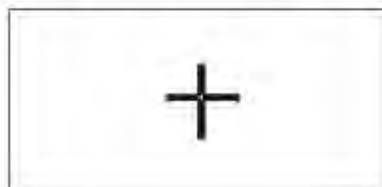
3. Click the key to enter map navigation
4. Click the key to view E-book
5. Click the key to enter music play
6. Click the key to browse photos
7. Pagedown key
8. Click the key to enter movie play
9. Pageup key

Profile of system setting menu functions

10. Click the key to enter navigation setting
11. Click the key to enter general setting
12. Click the key to enter GPS monitor
13. Click the key to enter touch screen correction
14. Pagedown key
15. Click the key to enter screen setting
16. Click the key to enter GPS time setting
17. Click the key to enter skin setting
18. Click the key to enter system setting
19. Page up key


1. Correct touch screen

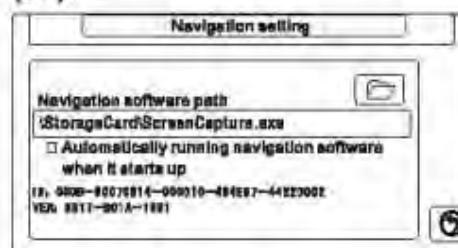
In the console interface, click  icon to enter system setting interface. Click the icon in touch screen again, and it will enter touch screen correction interface shown as Pic (26). Then, press the central part of the cursor according to picture hint until the cursor is corrected and moved to up-left corner, and then correct the cursor at low-left corner, the cursor at low-right corner and cursor at up-right corner in turn. If correction fails, it will automatically enter re-correction interface; if correction is finished successfully, "OK" will displayed in the screen. Click any place in the touch screen to save correction and exit correction picture. After touch screen is corrected, the system will memorize the correction result. If power supply is shut down, it is unnecessary to correct the screen while electrifying because correction has been finished well while leaving factory.



Pic (26)

2. Run navigation software

Firstly, it shall correctly insert SD card configured with navigation software. Click  icon in the console interface to enter the system setting interface, select navigation setting icon and enter the following Pic (27).



Pic (27)

Click  icon and enter the following Pic (28).



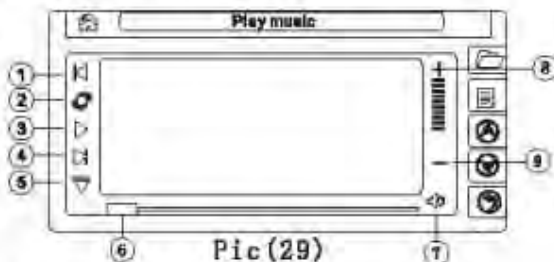
Pic (28)

According to access path of navigation software (In this case, it can check "Run navigation software automatically at startup"), select the navigation, click icon for escape. Return to the primary menu in console interface and click icon, and the system will enter navigation. For operation of map software, refer to operating instruction of map software.

3. Play music/video

Firstly, it shall correctly insert SD card containing audio/video files. Click music/movie icon in the primary menu in console interface to enter the following play interfaces shown as Pic (29) and (30).

Note: Audio player can support formats of MP3, PCM and WMA; video player can support formats of ASF, AVI, DIVX and WMV.



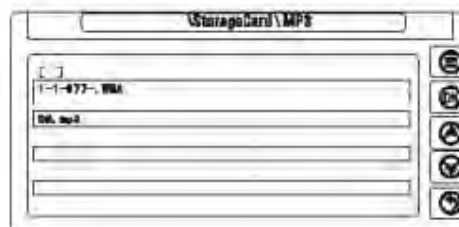
Pic (29)



Pic (30)

1. Previous item
2. Repeat play
3. Play/pause
4. Next Item
5. Exit play mode
6. Play progress bar (drag the slide to select play any position)
7. Turn on/off mute
8. Increase volume
9. Decrease volume
10. Full-screen display (Under the full-screen mode, click any position of the touch screen to exit full-screen display)
- 11 Open file
12. Delete files in play list
13. Pageup
14. Pagedown
15. Exit player

Click icon in music/video player interface to select access path of the audio/video files shown as Pic (31). It can click icon in the Pic to select all of files and click icon to finishing adding files.



Pic (31)

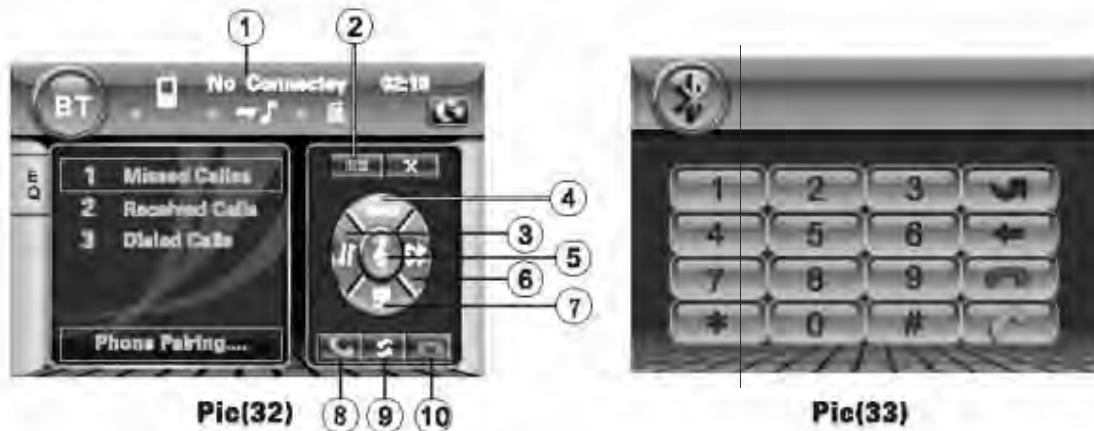
Function Operation

Bluetooth and hand free function (If Equipped)

This device has Bluetooth and hand free function. If your phone has Bluetooth function, it can set up point-to-point connection with this device. To make and receive calls as well as play music are achievable on the screen. (Note: The phone must support Bluetooth A2DP agreement to play music)

When the device is under running state, regardless of any present mode, the system will automatically switch to Bluetooth and hand free mode if a call is in.

Click the Bluetooth icon in main interface or Press MODE key in panel/ SRC key in remote controller to switch to Bluetooth and hand free mode.









1. Bluetooth connected states display.
2. Click the key to enter call making interface.
3. Click the key to connect or disconnect the paired Bluetooth.
4. Click it to return menu list.
5. Click it to enter music play interface.
6. Pair key (click the key to connect or disconnect the paired Bluetooth of this device with the mobilephone).
7. Turn on / off the microphone .
8. Call / Receive / Redial key .
9. Sound switch key (click the key to switch the voice between vehicle loudspeaker and mobilephone).
10. End key .

Note: To dial an international phone number, please press **0** for a long time till "+" is displayed.




1. Pairing

Enter system setting menu << click Bluetooth << choose ON << back to Bluetooth interface << click Pair key. When Waiting for pairing is displaying in Phone number display zone, pairing is on. Whilst open the phone's Bluetooth device, and search for new pairing. When phone search out the device HOATOA or Bluetooth, that is the name of native bluetooth device, select this device and connect it. input a password (default password 0000), the phone will pair with the device automatically. After pairing, the Bluetooth sign is not flashing. If the Bluetooth sign keeps flashing, which indicates disconnection, try it again till it actually connects.

2 .Making a call

Enter the phone number by the number key-press In Bluetooth Interface or remote controller. Click  key to clear error input one by one, or click  key to clear all. After inputting the phone number, Click  Key in bluetooth interface or press  key in remote controller to make a call, Click  key to end the call. While calling, users can click  Switch key to switch voice between vehicle loudspeaker and the phone.

3. Answer a call

When this device is on, if a call is in, the system will automatically switch to Bluetooth and hands free mode interface. If Bluetooth setting of system menu is Auto Answer Mode, the system will answer a call automatically. If setting is Manual Answer Mode, click  key to answer a call, and click  key to end a call. Under the calling state, click  key to switch.

4.Play phone's music (only achievable when the phone supports A2DP agreement)

Click Play keys In Bluetooth Interface to play different music formats restored in the phone.

Note: Due to different types of phones, music can be played either by choosing Music Play on the phone or clicking Play key in Bluetooth interface.

AUX in (Auxiliary device input)

Click AUX In of main interface or press MODE key in panel/ SRC key in remote controller to switch to AUX in Mode.

AUX In enables external media sources to connect to the system, like camera, video game, walkman, external navigation box (controlled by remote controller) etc. Input without Auxiliary device displays shown as Pic (34).

Under AUX in play mode, click area A at top-left-corner of the touch screen to return to the main interface.



Pic (34)

Rear view lens

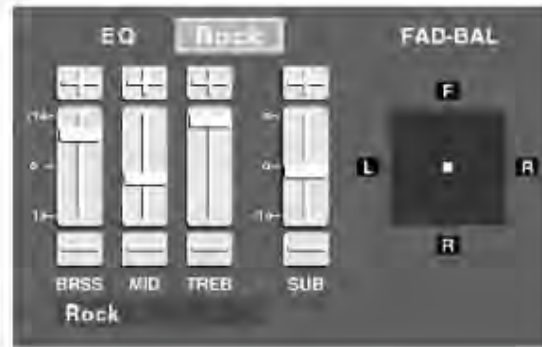
Manual operation: click Camera in main interface, or press mode key in panel / SRCkey in remote controller to switch to rear view mode.

Auto operation: First connect reverse line and reverse bar (effective when reverse level is high), after that reverse the car. At this point, the system will swift any mode to rear view lens mode automatically. When reverse is over, the system will come back to previous mode.

EQ setting

Click the icon **EQ** in the menu or SEL key in remote controller to enter EQ setting.

EQ Setting and System Setting




Pic (35)

SETTINGS	OPTIONS	SPECIFICATION
EQ	user	user
	Rock	Rock
	Hip Hop	Hip Hop
	Dance	Dance
	Latin	Latin
	Rave	Rave
	Urban	Urban
	Acoustic	Acoustic
Bass	-14~-14	Bass Setting
MIO	-14~-14	Middle Setting
TREB	-14~-14	Treble Setting
F		Balance setting for front sound track click the right coordinate to realize it.
R		Balance setting for rear sound track click the right coordinate to realize it.
SUB	-14~-14	Subwoofer adjustment

Note: Click in the menu to adjust.

System menu setting

Click  icon or SETUP key in remote controller to enter System menu setting interface, including Language setting, video setting, general setting and so on . Users can set the modes according to their own preference.

1. General setting

In the system menu setting interface, click  icon to enter setting interface shown as Pic (36) (37)



Pic (36)

SETTING	OPTIONS	SPECIFICATION
Clock mode	12 hour/24 hour	Set the time for 12 hours / 24 hours
Clock	00:00	Operation on the touch screen :Click the cursor box of hours or minutes, and then click "+", "-" that is for the time setting.
TV region	NTSC PALBG PALI PALDK PALMN SECAMBG SECAMDK	Select relevent TV standard of your country
Tuner Region	USA America1 Arabia China America2 Enrope Korea	Select relevent tuner system of your country



Pic (37)

2. Language setting

In the system menu setting interface, Click  icon to enter setting interface shown as Pic (38)



Pic (38)

System Setting

SETTING	OPTIONS	SPECIFICATION
OSD	English, Chinese, Russian	Select the language you need
DVD Audio	English, Chinese, Russian	Select the language you need
DVD Subtitle	English, Chinese, Russian	Select the language you need
DVD menu	English, Chinese, Russian	Select the language you need

3. Audio setting

In the system menu setting interface, Click  icon to enter setting interface shown as Pic (39)



Pic (39)

SETTING	OPTIONS	SPECIFICATION
DVD dynamic range	On/off	Turn on / off dynamic sound
Subwoofer	On/off	Turn on / bass output

4. RDS setting

In the system menu setting interface, Click  icon to enter setting interface shown as Pic (40)



Pic (40)

SETTING	OPTIONS	SPECIFICATION
RDS	On / off	turn on / off RDS function
CT	On / off	turn on / off clock correct function

5. Rating setting

In the system menu setting interface, Click  icon to enter setting interface shown as Pic (41)



Pic (41)

SETTING	OPTIONS	SPECIFICATION
Set Password		
Rating	1.kids safe 2.G 3.PG 4.PG-13 5.PG-R 6.R 7.NG-17 8.adult	Selecting child lock, after that you can select any rating.
Load factory	reset	Click it to restore factory defaults.
Beep	On / off	Set the operate sound: on /off

6. Hardware setting

In the system menu setting interface, Click  icon to enter setting interface shown as Pic (42)



Pic (42)

System Setting

SETTING	OPTIONS	SPECIFICATION
Camera in	Normal/mirror	The reverse image is erect image when selecting "normal" the reverse image is mirror image when selecting "mirror".
Wheel	Yes/No	When selecting Yes that will enter steering wheel learning interface

7. P.VOL setting

In the system menu setting interface, Click  icon to enter setting interface shown as Pic (43)



Pic (43)

SETTING	OPTIONS	SPECIFICATION
Source	Radio, Disc, USB, SD AUX IN, Ipod, Navigation	Select the function you need.
Level	0, 1, 2, 3, 4, 5, 6,	Select the level your need.

8. TS Cal setting

In the system menu setting interface, Click  icon to enter setting interface shown as Pic (44)



Pic (44)

System Setting and Accessory

SETTING	SPECIFICATION
Touchscreen correction	Click “+” according to screen hint and the touchscreen will be corrected.

9. Bluetooth setting (If Equipped)

In the system menu setting interface, Click **Bluetooth** icon to enter setting interface shown as Pic (45)



Pic (45)

SETTING	OPTIONS	SPECIFICATION
Connect	Auto/manual	Select the mode you need
Auto Answer	Auto/manual	Select the mode you need

Accessory

Remote controller	1
TV antenna switcher	1
IPOD switcher	1
Electric feeder	1
GPS antenna	1
Specification	1
Warranty card	1
Loaning support straps (left and right)	1
Metal screws	4
USB transit wire	1

Phenomenon	Reasons	Solutions
Normal		
Not operating	Fuse of machine power supply and auto vehicle battery is burnt, Voltage of power supply is overloaded Automatic protection system avoids fault due to illegal operation	Change for fuse of the correct types; Adjust voltage; Reset the system by pressing the Reset key
Remote controller doesn't work	Battery is out of power; Battery is not placed correctly	Change new battery; Reinstall battery
No or low sound	Disconnection; Volume setting is low volume; Wrong connection of Silence; Loudspeaker fault; Volume balance setting bias Earthing in loudspeaker connection	Check the connection; Increase the volume; Reconnection the Silence wire complied with the installation instruction; Change for a new loudspeaker; Adjust the volume balance setting to middle place; Keep insulation of loudspeaker connection
Inferior quality of sound; Distortion of sound	Inferior disc is used; Loudspeaker does not match impedance of the machine; Loudspeaker opens circuit.	Use genuine discs; Change a loudspeaker; Check the connection of loudspeaker.
Machine reset by itself when it is shut down	Connection of ACC and B+ is not correct.	Check and reconnect ACC and B+
Turnover screen		
Turnover screen does not open automatically.	Auto Open of turnover screen setting is OFF.	Auto Open >> ON
No image	Connection of brake wire is not correct; Not brake state	Connect brake wire with cathode of power supply correctly; Keep brake state after car is placed safe.
Unstable output of images	DVD does not correspond with the present system video setting; Video signal line is not connected correctly.	Adjust system video setting; Check and make sure of the connectivity.
Images being stretched or compression	Inappropriate image proportion setting	Adjust image setting

Trouble	Cause(s)	Solution(s)
Radio		
Weak signal	Auto antenna does not reach out completely LOC function is under working state	Connect auto antenna line correctly; Close LOC function.
Disc/Card Reading		
Break-down during playing	Disc is stained or scratched; Documents or records are damaged	Clean or replace the disk; Replace the disk or choose stored file
Wrong information is shown on the panel	The screen cannot display all the information.	
Error or not operating	Illegal operation	Hold the EJECT key for 5 seconds to reread the device.
Disc cannot enter the device	There is disc already inside the device.	Take out the disk inside the machine and replace a new disc
Disc does not play	The disk level surpasses the level setting of Lock function;The area code of the disc is not compatible;Disc is turned upside down.	Adjust the level setting of Lock feature; Use a compatible disk; Keep the side with sign up when Insert the disk.
SD card readable by PC but unreadable by the device	Due to compatibility reasons of SD card brand, not all of the SD card can be read under the system. Or you may wrongly use MMC card as SD card.	The present system mainly support the following SD card brands:SanDick, KingMAX, Kingston, Panasonic, Apacer etc.
Nonrepeat and search function while play VCD	PBC service is functioning	Shut down PBC service

Systematic Parameter

Specifications

Working voltage: direct current 12V

Working voltage range: 10.8V~16V

Maximum working electronic current: 10A

Installation size: 150X178X100mm

Installation angle: less than 30 degree tilted the frontside and backside.

DVD/CD PLAYER

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

Audio SNR: 85dBA

Dynamic range: 95dB

Frequency response: 20HZ~20kHz (+3dB)

Digital audio sample: 24bit

Electronic Stability Program (ESP) :

DVD	2-3 Second
CD-DA	10 seconds
MP3	100 seconds
WMA	200 seconds

Mechanical aseismatic: 10~200Hz, X/Y/Z: 1.0G

Power output:45WX4 Impedance 4ohm

SNR :70dBA

Frequency Response: 20Hz~20kHz

Video

Standards: NTSC, PAL (Auto recognition)

Output: 1Vp-p(75ohm)

Input: 1Vp-p(75ohm)

FM radio

Frequency modulation: 87.5 MHz~108.0MHz(China, Europe)

Flexibility (-30dB): 10dBu

SNR (-50dB): 15dBu

Frequent sound range: 30Hz~15kHz (+3dB)

AM radio

Frequency range:

531KHZ~1629KHZ (China)

Sensitivity (SN=20dB): 20dBu

Image rejection: 60dB

Frequency Response:
50HZ~2KHZ (+3dB)

Display

Screen size: 7"

Screen type: TFT

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

Display panel pixel: 336, 960 pixel
1400 (W) X234 (H)

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

Environment temperature





Operating temperature: -20~+70°C

Maintenance temperature: -30~+80°C




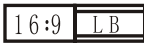

Operating humidity: 45%~ +80%
(relative humidity)

Maintenance humidity: 30%~90%
(relative humidity)

Signs of Video and Audio

ICONS	Features(Dia.: 12cm)	Duration
	Single-sided, single-layered(DVD-5) Single-sided, double-layered(DVD-9)	(MPEG2) 133 min. 242 min.
	Double-sided, single-layered(DVD-10) Double-sided, double-layered(DVD18)	266 min. 484 min.
	Single-sided, double-layered(VCD)	(MPEG2) 74 min.
	Single-sided, single-layered	(CDDA) 74 min.

Signs on DVD discs

ICONS	IMPLICATION(s)
	The number of sound tracks recorded in the CD, and the maximum amount for one CD is 8.
	Multi-language display
	The number of shooting angles (Max.: 9)
	Selected scenes proportion, "LB" indicates mailbox, "PS" indicates camera scanning. Figure (Left) indicates that the conversion of image of 16:9 to mailbox is feasible.
	Playable Regional Codes Regional 1: U.S., Canada, East Pacific Island Nations Regional 2: Japan, Western Europe, Northern Europe, Egypt, South Africa, Middle East Countries Regional 3: Taiwan, Hongkong, South Korea, Thailand Regional 4: Australia, New Zealand, South-central Asia, South Pacific Island Nations/Oceania Regional 5: Russia, Mongolia, India, Central Asia, Eastern Europe, North Korea, North Africa, Northwest Asian Nations Regional 6: China

About CDs

USAGE OF CDs

1. DONOT touch the recordable side of the CD when you hold it

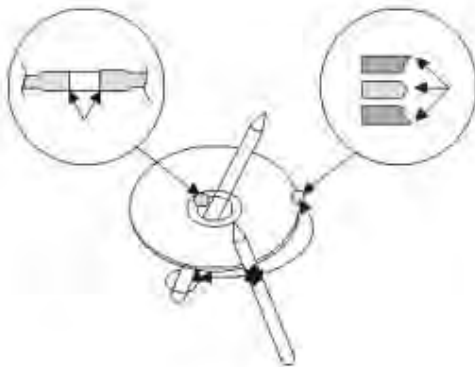


2. CD-R/RW, DVD-R/RW&DVD+R/RW are more apt to be damaged than ordinary CD, please read the INSTRUCTIONS on the package before you use them.

3. Any tapes or pasters are not allowed on the CD. DONOT use the CD with such adhesive materials on.

When you are using new CDs

If there's any burrs around the central hole or the edge of the CD, please remove them with a ball pen before you use it.



MAINTENANCE OF CDs

Clean the CD from the CENTER to the EDGE.

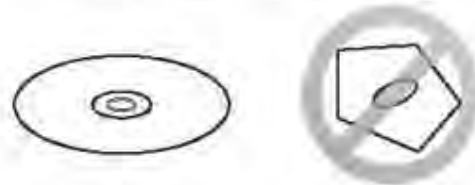


How to draw out a CD

When you draw a CD out of the device, please do it horizontally.

Unusable CDs

1. Non round-shaped CDs.



2. CDs with recordable side coloured and stained CDs.

3. CD-R & CD-RW without having ultimate processes.

STORAGE of CDs

1. Keep CDs in the shade and away from high temperatures.

2. Keep CDs in case.

封三空白页