

Contents

Caution.....	1
Check Point.....	2
Name and Function of Each Part	
Unit.....	3
Remote Control.....	4
Remote Control.....	4
Picture Control	
Playing a Disc.....	6
Basic Operation.....	6
DVD Setup	
System Setup.....	7-8
Language Setup.....	8
Video Setup.....	9
DVD Function	
Playback Function.....	10-11
Advanced Function.....	12
USB/SD card Function.....	12
Installation.....	13
Connection Diagram.....	13
Disc Information.....	14
Cautions of Use.....	15
Trouble Shooting.....	16
Specifications.....	17

Specifications

- 13.3"Screen Panel
- Two pieces of extra interchangeable housing
- DVD
- Super slim design,perfect combination of crystal glass panel and roof mount style
- High Resolution:1280*RGB*768
- Digital technology, clear picture with no interfere
- Frequency range:
FM87.7MHz/FM88.1MHz/FM88.5MHz/FM88.9MHz/FM106.7MHz/
FM107.1MHz/FM107.5MHz/FM107.9MHz
- IR transmitter A:2.3-2.8MHz; B:3.2-3.8MHz
- Audio/Video Input and Output
- In door light
- Full-function remote control
- With SD/USB ports
- Build-in speakers
- Ratio:16:9
- Power Supply: DC 12V
- Working Temperature: -20°C ~ 40°C

Trouble Shooting

TROUBLE	ACTION
No power	Check and see if the power cable is connected properly.
No picture	Make sure that the equipment is connected properly. Check and see if the connected monitor is turned on
Stopped picture	Check and see if the video cable is connected, if the monitor is turned on.
The playback picture is poor	Clean the disc
No color	The color system of this unit does not match the color system of the monitor. Check the color system of the unit.
Distorted sound	Adjust the video system by pressing the TV system button. (PAL, NTSC)
The remote control doesn't work properly	Remove any obstacles between the remote control unit and the remote control sensor. Operate the remote control at a shorter distance.
"DISC ERROR" is displayed on the screen	Set the power button to OFF and then back to ON alternatively, Turn off the power, disconnect the power plug, and then reconnect it.

Check point

When a disc is brought from a cold environment to a warm one, there may be moisture on the disc, or condensation will appear on the pickup lens. It will affect the disc playback.

1. Remove the disc from the Multimedia player.
2. Turn on the power and leave it on for an hour to vaporize the condensation.
3. You can now operate the Multimedia player without any problem.

Caution

Please read and observe all warnings and instructions in this owner's manual and those marked on the unit. Retain this booklet for future reference.

The two kinds of alarm symbols are as follows:



WARNING

The lightning flash with arrowhead symbol within an equilateral triangle is intended to alert the user to the presence of "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



CAUTION

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the product.

WARNING

The driver should never operate these products while the vehicle is in motion!

Installation of all TV monitors must be out of the driver's field of vision!

Do not try and service these products yourself, seek only a qualified service center or factory service center.

Be careful not to drop or apply undue pressure to the front panel of your video monitor. If the screen cracks due to misuse your warranty will be void!

Make sure to keep products away from heater ducts or vents and out of direct sunlight. Do not mount forward of the driver's shoulders.

Be careful not to overload your cigarette lighter plug by adding more than one device at a time.

Be careful with any liquids in your car. If you or your child spills any liquid on these products, park your vehicle at the roadside, turn the key off to disconnect the power and then wipe the products with a towel. Do not operate the equipment until all liquids have evaporated or you have had the monitor inspected by a qualified Technician. Severe harm or death can occur!

Just use a wet cloth to clean the screen, only use purified water on the cloth, wring out all excess water before wiping the screen. Do not use any cleaners or chemicals to clean the screen. In most cases a dry cloth will do!

Do not mount the product where it will obstruct the deployment of the airbag or in an area where it would affect the vehicular control. Also be careful to avoid mounting the product where it can become hazardous during sudden stops or in the event of an accident.

Caution

Quality installations are performed by qualified and certified installers.

Watching the monitor for an extended period of time without the engine running may deplete the vehicle's battery charge.

This product is designed for operation with a 12 Volt DC, negative ground vehicle. It is not suitable for operation under other conditions or voltages.

Check Point

- 1 The operating temperature of this product is limited to -4°F~+ 176°F. Your vehicle can reach temperatures up to 212 in the summertime.
- 2 If your vehicle is extremely hot or cold you must allow time for your air conditioner or heater to cool or heat the vehicle until operating temperatures have returned to the normal operating ranges.
- 3 Optimum picture quality will be achieved when viewed from directly in front of the monitor (+/-30 degrees).
- 4 Do not open the housing and attempt to make any repair yourself. Refer servicing to qualified personnel.
- 5 DVD Players use an invisible laser beam which can cause hazardous radiation exposure. Be sure to operate the unit correctly as instructed.
- 6 Do not cut the car power supply off while a disc is playing. It can cause damage to the DVD Player.

Discs for playback

Type	Content	Size
DVD	video & Audio (dynamic image)	12cm/8cm
VCD	video & Audio (dynamic image)	12cm/8cm
CD	Audio	12cm/8cm
Mp3	Audio	12cm/8cm
Mp4	video & Audio (dynamic image)	12cm/8cm

Disc-related terms

Title (DVD Only)

The main film content or accompanying feature content or additional feature content, or music album. Each title is assigned a title reference number enabling you to locate it easily.

Chapter (DVD Only)

Cautions on Use

Handling

When holding with both hands



Cleaning discs

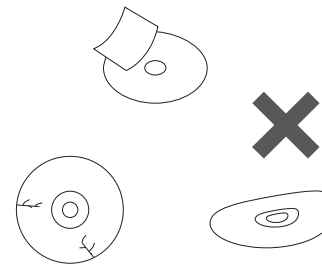
Fingerprints or dust on discs may reduce sound or picture quality. remove them by wiping the disc with a soft cloth from the center toward the edges gently.



- . Do not use damaged (cracked or warped) discs.
- . Do not scratch the signal surface or let it become dirty.
- . Do not stick a label or a glue-based note on either side of the disc.
- . Do not use discs that have glue or a damaged label with exposed adhesive residue, it might result in damage to your DVD player.

Do not put discs in the sunshine. Park your car in the shade

For tough dirt, wipe softly with a wet cloth and then with a dry one. Do not use any type of solvent such as thinner, benzene. Do not use antistatic spray.



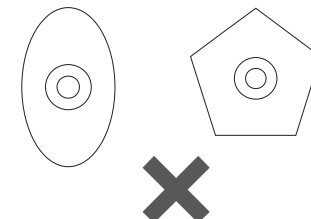
Irregularly shaped disc

Irregularly shaped discs(heart-shaped discs, hexagonal discs, etc.) cannot be played on this player. May cause damage to the player. Only use round discs.

Storing discs

Always put discs in their place and store them vertically. Do not put discs in a hot or humid place, places exposed to direct sunlight and places in which the temperature is extremely low or high.

. Read any cautions included with the disc carefully



Disc Information

DVD features

DVD discs provide high-resolution images with high-quality sound and surround sound effects. This DVD player can play not only DVD discs of various versions, but also S-VCD, VCD, audio CD and MP3 discs.

Each disc only plays the information saved in it, and some functions cannot be utilized.

Discs that cannot be played

DVD-RW, DVD-REM, CD-ROM, CD-EXTRA discs cannot be played on this unit. Also, a CD or a CD-RW which was recorded on special software cannot be played.

Region code

Your DVD player is designed and manufactured to region management information that is recorded on a DVD disc. The region number of this DVD Player is 1. This DVD player plays free code also.

Copyright protection.

This product incorporates copyright protection technology that is protected by methods claims of certain U.S. patents and other intellectual property rights owned by the Macrovision Corporation and other rights. Owner's use of this copyright protection technology must be authorized by the Macrovision Corporation, and is intended for home and other limited viewing uses only unless otherwise authorized by the Macrovision Corporation.

How to handle the disc

Don't touch the shiny side of the disc (the side with the embedded information).

Don't stick a label or a glue-based note on either side of the disc. Don't use discs that have glue or a damaged gluey label- it might result in damage to your DVD player. Don't put discs in the sunshine. Park your car in the shade.

Caution

Wipe softly with a wet cloth and then with a dry one.

Before playback, wipe the disc outward from the center with a clean cloth.

Do not use any type of solvent such as thinner, benzene, commercially available cleaners or antistatic spray.

To avoid damaging your DVD player, don't use a scratched disc.

Name and function of each part

Sections of a picture or a musical piece that are smaller than titles.

A title is composed of one or several chapters. Each chapter is assigned a chapter number, enabling you to locate the chapter you want. Depending on the disc, no chapters may be recorded.

Track (Video CD and audio CD only)

Sections of a picture or a musical piece on a video CD or an audio CD.

Each track is assigned a track number, enabling you to locate the track you want.

Diagram of DVD disc

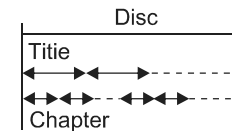
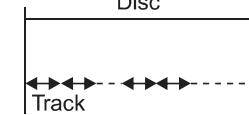
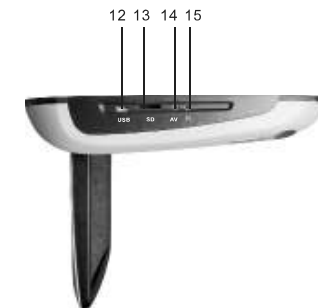


Diagram of VCD/CD Disc



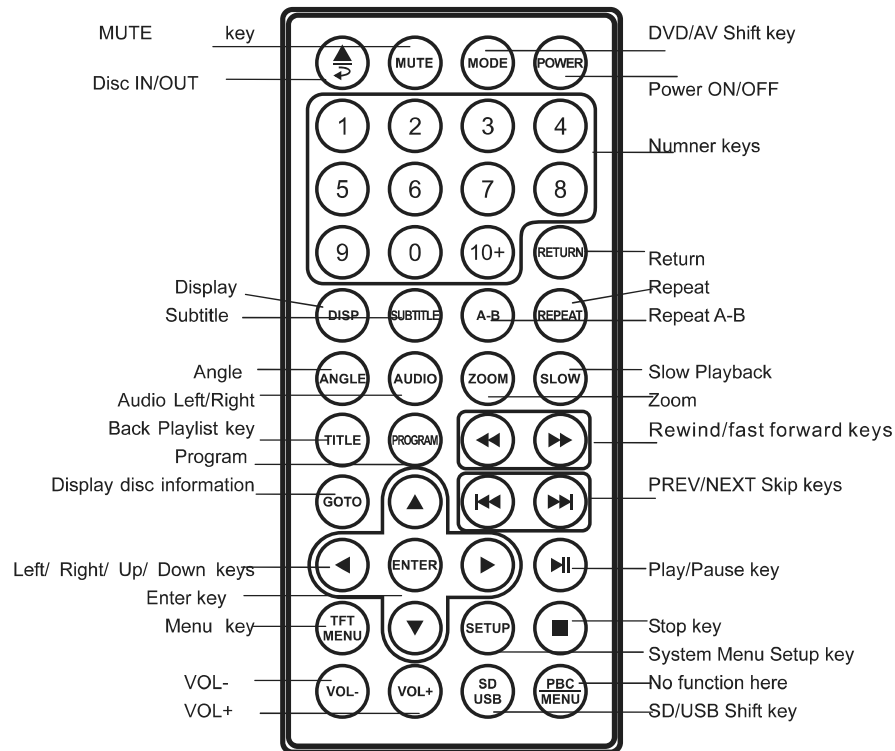
UNIT

1. This little key is for the unit Screen Savers
2. Vol-/Rewind Forward Skip: Long press to reduce volume, short press to enter rewind forward
3. Vol+/Fast Forward Skip: Long press to increase volume, short press to enter fast forward
4. This key controls Dome Light Key 7. When press this key after pressing Key 7, Key 7 doesn't work. Press this key again, then Key 7 works.
5. Menu Key (Press this key to enter MENU setup, hold it for one second to select)
6. Power ON/OFF: Long press or short press to turn on/off the unit
7. Dome Light Key
8. Pause/Open: Long press for Disc IN/OUT. Short press for pause display.
9. SD/USB/DVD/AV Switch key: Long press to select DVD/SD/SUB; Short press to switch DVD/AV1/AV2 mode
10. Dome light and IR Receive for remote control
11. DVD Loader
12. USB
13. SD
14. AV2 Jack
15. Earphone Jack



Name and function of each part

Remote Control Unit



Attention:

1. Direct the control to window of infrared receiver of the machine.
2. Do not press, drop and disassemble the remote control.
3. Continually press the keys on control with least two-seconds pause.
4. Please put out the battery when not using the control for a long time.

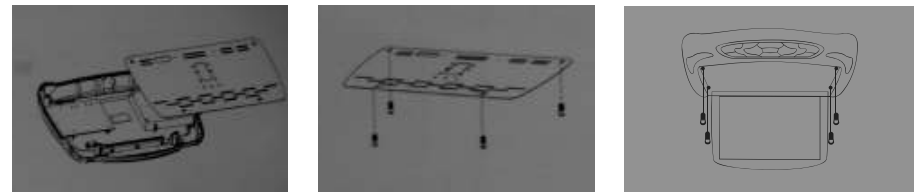
Installation (Professional installation recommended)

Product Installation & Housing Changing Operation

1. Turn over the machine, and take down the metal support bracket carefully.
2. Tighten the metal support bracket to the ceiling of vehicle as showed in the second picture, and leave a certain space to let the connecting wire pass through. (Take extra care in case any damage of it)
3. To install the unit to the metal support bracket, connecting with the unit and the wires passing through the space remained. (Take care to tidy up the wires to avoid pressing Multimedia chipset. And install special screws to avoid loose.)

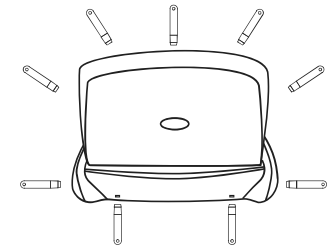
NOTICE: If you need to change the housing, please do it before installation the machine in the car.

Chip installed inside products is composed by mechanism and electronic subassembly, be careful when install and pay attention to be pressured."

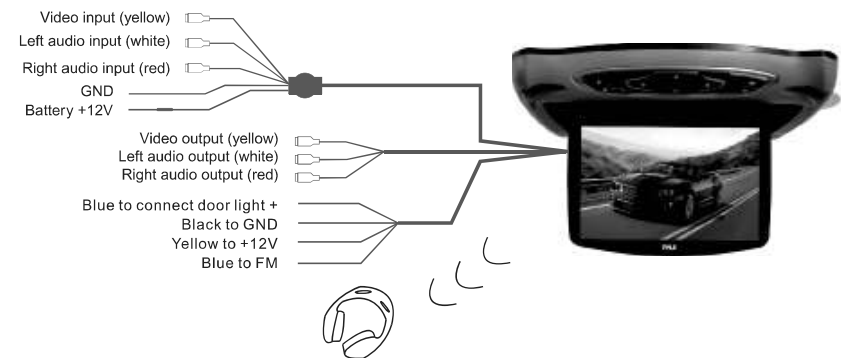


4. Installing and changing Interchangeable skin

You can change different colors of the interchangeable housings easily by opening the original housings with a small release key provided in the package.



Connection Diagram



Without audio & video input or audio & video output, the wire of input & output does not need to be connected.

Advanced Functions

Viewing DVDs and Video CDs in slow motion

Press the SLOW button during playback, the playback speed becomes 1/2, 1/4, 1/6, or 1/8 of the normal speed each time you press the SLOW button.

Repeat play DVDs, Video CDs, and CDs

. Repeat a TITLE, CHAPTER, or TRACK

Press the REPEAT button.

Select the title, chapter, or track you want to repeat.

. Repeat a section between Point A and B.

During playback, press the A-B button on the remote control at the starting point of the Section you want to repeat. (Point A)

Press the A-B button again at the ending point of the section you want to repeat. (Point B)

Press the A-B button a third time to cancel the A-B repeat function.

. Selecting the DVD's angle (multi-angle)

Press the ANGLE button while playing back a scene recorded with multiple angles.

If your DVD disc is not recorded with multiple angles, the ANGLE button has no function.

SD card & USB play

While in DVD source, Insert an MMC/SD/MS card or connect to USB, Press the(SD/USB) (Unit or Remote control) button to bring up the on-screen DISC/CARD/USB picture control menu, press the ◀▶ (unit) or ▲▼ (remote control) button to choose the mode you need, then press ▶| (unit) or ENTER(remote control) button to confirm playback.

When MMC/SD/MS or USB is found, It can select multimedia and play.

Note: please do not use a removable hard disk. This will lead to abnormal working.

.SD card & USB play interface

1. Music display window

2. Display music played currently

3. Display folder played currently

4. Folder window

5. Music

6. Picture

7. Video

.Switch Music/picture/video play

Press [◀/▶] on the remote control to move the cursor left/right to select music, picture or video. Red shows that it has been selected, press the [ENTER] button to confirm selection.

Press [▲/▼] on the remote control to select upwards/downwards music or folder to play.

Red shows that it has been selected, press [ENTER] to confirm selection.

.Previous/Next

Press [◀◀]/[▶▶] on the remote control to play the previous/next music

.Fast Forward/Fast Back

Press [◀◀]/[▶▶] on the remote control to realize x2,x4,x8,x20 fast forward/fast back play.

.Pause/Play

Press [▶|] on the remote control to play or pause play.

.Stop

Press [■] on the remote control to stop play.

Method of Operating DVD System

Playing a disc (DVD/VCD/CD)

Turn on the player insert the DVD disc

Make sure that the disc's label is facing up

Sliding into the slot, the disc is automatically played

To stop press the button STOP

To stop temporarily press the button PLAY/PAUSE

Playing a MP3/MP4 file

Turn on the player insert the SD/USB

Sliding into the slot, the SD/USB is automatically played

To stop press the button STOP

To stop temporarily press the button PLAY/PAUSE

To resume again press the button PLAY/PAUSE

To replay a song you want:

1. Press the button after choosing a song(track) you want by using Arrow button

2. You can replay the song directly by entering the number of the song.

Disc Menu

You can select the following menu when are recorded in discs.

To display recorded menu on disc DVD/VCD2.0

Press the DVD Menu key

The menu recorded in disc appears.(Scene Selection, Special Features,etc)

Menu appears differently depending on discs.

CD,VCD1.1 does not have disc menu function

Press the arrow keys to remove to item you want, and press the ENTER key.

MENU FUNCTION

Press MENU key on the unit panel or press TFT/MENU key on remote control

to enter into main menu:

PICTURE-VOLUME-OPTION-SYSTEM-CLOCK

Press [▲/▼] to select submenu and take the corresponding setup.

Picture control

AV picture selections:

Use the unit(remote control) to achieve the desired settings.

- 1.Press the MENU(remote TFT MENU) button on the unit to bring up the on-screen picture control menu.
- 2.Select the desired menu by pressing MENU button on the unit to choose main: PICTURE, VOLUME, OPTION, SYSTEM or CLOCK. Press the ▲/▼(remote ▲/▼) button to enter into the main menu.
- 3.Press the ◀/▶(remote ◀/▶) button to adjust the sub-menu setting. In the menu controlled process, press the MENU button to return to the upper level of menus.

Playing a disc

Playing DVD player

Turn on the power, and place the disc in.

1. Press the power button to turn ON (Power indicator is OFF), display is ON and the player will start loading the disc.
 2. Press the Open button to eject the disc tray out, then insert the disc, press the open button again to close. The player will recognize the different formats of the discs, and disc mark will be displayed on the top left side of the screen.
 3. While playing DVD discs, please select one item in DVD menu or title menu. while playing VCD2.0 or CD, this player plays one by one.
 4. Press the Direction Buttons or the Number Buttons to select the desired item, then press Enter or Play to start.
 5. The player will play automatically. Press Pause to stop temporarily, press pause again Pause or Play to cancel pause. While playing a DVD disc, press stop for memory stop, press Play for memory play, press Stop twice to stop playing .
- Note: To stop playing DVD press Stop twice.



Basic operation

FM channel: This unit has multiple frequencies

Unit control

press the menu button on the unit, press the AV/DVD button, then press +/- to select the SOUND CONTROL item. press AV/DVD button, select the press +/- to display the FM menu, press unit AV/DVD button, then press +/- to select the FM channel. In the menu controlled process, press the MENU button to return to the upper level of menus.

Remote control

press the menu button on the remote control, press the ▲ / ▼ button, then press ◀ / ▶ to select the SOUND CONTROL item. press the ▲/▼ button, then press ◀ / ▶ to display the FM menu, press ▲/▼ button, then press ◀ / ▶ to select the FM channel. In the menu controlled process, press the TFT MENU button to return to the upper level of menus.

Playback Functions

Stopping the disc

Press the STOP button.

Resume function (Multimedias and Video Cds)

Playback will be stopped when the STOP button is pressed, when the play button is pressed playback starts from the position at which it was stopped. When the disc is removed or the STOP button is pressed again, the resume function is cancelled.

Hint:

For some discs, playback may not start from the position at which it was stopped. Press the STOP button then press the previous button, playback starts from the beginning of the title.

. Pausing the disc

Press the play/pause button.

Press the button again to resume playback.

. Scanning forward and backward

During playback, press the previous or next button.

Reverse direction

Forward direction

. Returning to the previous chapter or track Multimedias ,Video CDs and Cds

Press the previous button during playback.

When pressed, playback returns to the beginning of the previous chapter or track.

. Moving ahead to the next chapter or track Multimedias, Video CDs and Cds

Press the next button during playback.

When pressed once, playback moves forward to the next chapter or track.

. Removing discs

Press OPEN button and hold, then the disc comes out.

Note:

For CDs or one-sided Multimedias, do not worry about touching the label (printed) side or the disc with you finger. But for two-sided Multimedias, with signals recorded on both sides, be careful not to scratch them when removing them from the player.

Search for a specific scene

- 1.Press the SEARCH button.
- 2.Press the number button to select specific time or title chapter.
- 3.Press the ENTER button and playback starts from the selected chapter.

Playback Functions

Playing disc

1. Loading the disc
 - . One of the following messages appears on the LCD: DVD, VCD, or CD.
 - . For some discs, playback starts automatically when the disc is loaded.
 - . But for some discs on which program memories are set, playback starts automatically in the order.

2. Press the PLAY/PAUSE button

- . Playback starts.
- For some discs, a menu screen appears. For video CDs, playing the disc according to the instructions on the disc's menu screens called PBC (playback control) playback.

- 3.Hint:

- . For video CDs, it is also possible to play a disc without displaying the menu screen. For example, to play from track 1 , press the 1 number button while in the stop mode.
- *When playing CD discs or MP3 discs, you are recommended to turn off the TFT LCD screen to save power. (Please make reference of "TFT ON/ OFF Function" on Page 10 and Page 12.)
- If a menu screen appears
- For DVDs with a menu screen or video CDs with playback control (PBC), a menu screen appears.

DVD

Use the cursor buttons to select the item, then press the ENTER button. Press the number button on the remote control unit to select an item. Example: For DVDs with menu screen.

Video CD

Press the number button on the remote control unit to select item.

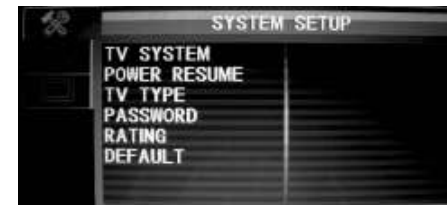
To display the menu screen

The way in which the menu screen is displayed differs from disc to disc. Press the MENU, TITLE button during playback of DVDs, the RETURN button during PBC playback of video CDs. For details, refer to documentation included with the disc.

How To Setup Menu

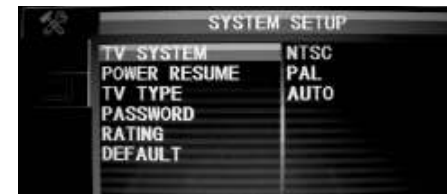
You can easily modify setup information on the setup menu

SYSTEM SETUP



Please press setup button, then press ► to enter SYSTEM SETUP, then press ▲/▼ to select SYSTEM items

TV SYSTEM



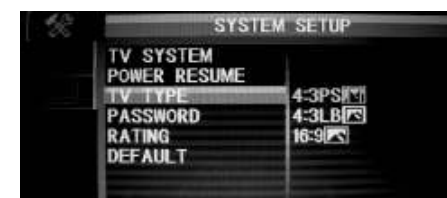
1. To setup TV system, there are three options: NTSC/PAL/AUTO

POWER RESUME



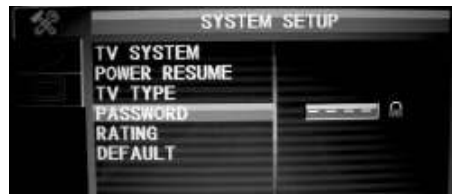
2. To select power resume ON or OFF

TV TYPE



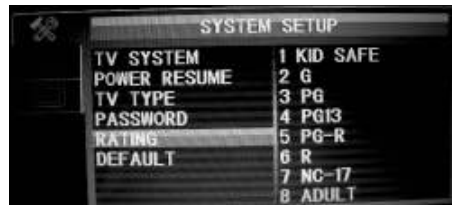
3. To setup TV type: 4:3PS/4:3LB/16:9

PASSWORD



4. Setup parental lock password. It is acceptable to input new password with 4 numeral to re-setup the parental lock. Original password is 0000

RATING



5. Press RATING to select different grade

DEFAULT



6. Setup all menus to the initial setting of factory.

LANGUAGE SETUP



Please press setup button, press ▼ and ► to enter LANGUAGE SETUP, then press ▲/▼ to select language menu f or OSD
LANGUAGE-AUDIO LANG-SUBTITLE LANG-MENU LANG

VIDEO SETUP



Please press setup button, press ▼ and ► to enter VIDEO SETUP, then press ▲/▼ to select Parameter for BRIGHTNESS-CONTRAST-HUE-SATURATION-SHAPPNESS