

User Manual

Please read this manual before using and save this manual for future reference.

CONTENTS

Cautions -----	1
Care of Discs -----	2
Front Panel -----	3
Remote Control -----	4
Remote Control Description -----	5
Disc Operation -----	6
Troubleshooting -----	7-14
Wiring Description -----	15
Specifications -----	16

Specifications

DVD Output Mode		NTSC/PAL
Dynamic Range		90dB
S/N Ratio		100dB
OutPut	Audio Output Digital Audio Video Output	1.0Vrms : Open 1.0Vp-p : Open 1.0vp-p : 75Ω
Power Requirements		DC 12V, 3A
Power Consumption		12W
Dimension		174(D) x 178(W) x 26(H)mm
Weight		1.85Kgs
Operating Temperature Range		0°C - + 55°C
Storage Temperature Range		-30°C - + 60°C
Operating Humidity Range		0% - 50%

Cautions:

- Keep lower volumes to concentrate on traffic and road conditions for safety driving.
- When washing car keep Car DVD AV System (including speaker and disc) from water or damp in order to avoid electric shorts or other damages.
- Maintenance consisting of delicate components, please avoid random disassembling or adjusting any parts. If requiring repair, please go to nearby Professional Maintenance Center for an inquiry.
- This unit is for car with a 12-volt battery and negative grounding.
- Laser Disc System
Do not put little objects like coins into the product.
Do not place screwdrivers or other metals near disc or laser Disc Player.
- Car ventilation
Parking in direct sunlight for several hours will cause higher temperature in the car, So start the car first to cool down the internal temp, and then open the AV system.
- Preset Memory
After cut off power supply, preset memory will disappear and the whole system will return to the prescribed state when delivering from the factory.
- Installation
The unit should be installed horizontal with front side up less than 15° .
- Video system of a connected component
This product is NTSC/PAL system compatible. When connecting other components to this product, be sure components are compatible with the same video systems. If it is not, images will not be correctly reproduced.

Region numbers:

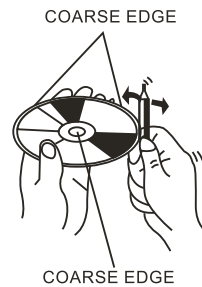
DVD players and DVD discs feature region numbers indicating the area in which they were purchased. Playback of DVD is not possible unless it features the same region number as the DVD player. This product's region number is displayed on the bottom of this product.

Care of discs

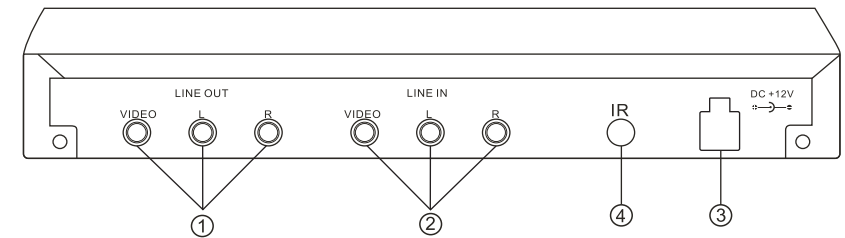
- How to hold disc
Do not touch the face of the information side.
Do not scratch the disc.
Do not bend the disc.
When not in use, put away the disc.
- Do not use irregular and deformed discs.
- Do not leave the disc in following places:
Direct sunlight
Near car heaters
Dirty, dust and damp areas
Seats and dashboards
- Disc cleaning
Use a dry and soft cloth to wipe from center to outward.
- Cautions on new discs
Remove the inner and outer rough edges on new discs with a pencil, which may cause malfunctions.



DON'T USED ABNORMITY DISC



Description



OPTIONAL (A/V)

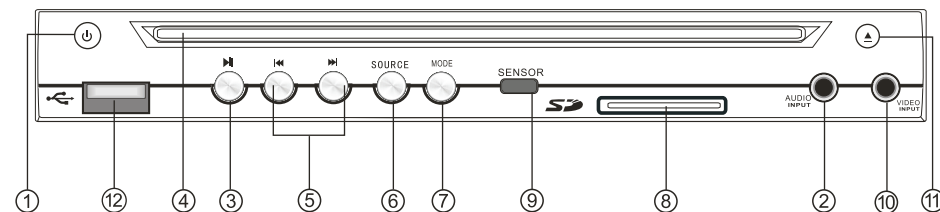
Rear panel

- | | |
|---------------------|---|
| 1. A/V OUT | Connect a video cable to video/audio output of auxiliary devices red-audio right/white audio left /yellow video |
| 2. AV IN | Connect a video Cable to video/audio input of auxiliary devices red-audio right/white-Audio left/yellow-video. |
| 3. POWER CABLE | BLACK (GND)
Red (ACC)
Yellow B+12V |
| 4. REMOTE EYE CABLE | OPTIONAL |

I cannot choose a ratio of a screen	*A DVD disc is manufactured as 16:9 wide, 4:3 Movie, and 4:3 screen according to a normal state of manufacture, a 16:9 wide disc can be seen as a 16:9 wide, 4:3 movie or 4:3 enlarged mode, and a 4:3 disc always provides a 4:3 screen. *After affirming a DVD disc case, choose the function in suit with an action and use. For reference a 4:3 standardized disc does not televise with an wide.
Dolby digital 5.1 channel cubic sound does not sound.	*Dolby digital 5.1 channel cubic sound can be heard when it is matched to an exclusive dolby Digital amp, and the disc recorded as 'Dolby digital 5.1 CH' among DVD discs is only played.
Desirable spoken language and subtitles do not motion.	*Only language sounds and subtitles recorded on the DVD disc motion and are replayed according to the recording.
A screen angle does not motion during the replay.	*The reproduction of a screen angle can be modified only if photographing per each angle is recorded on a DVD disc, and it moves only in case that an indication of angle presents on the product and TV

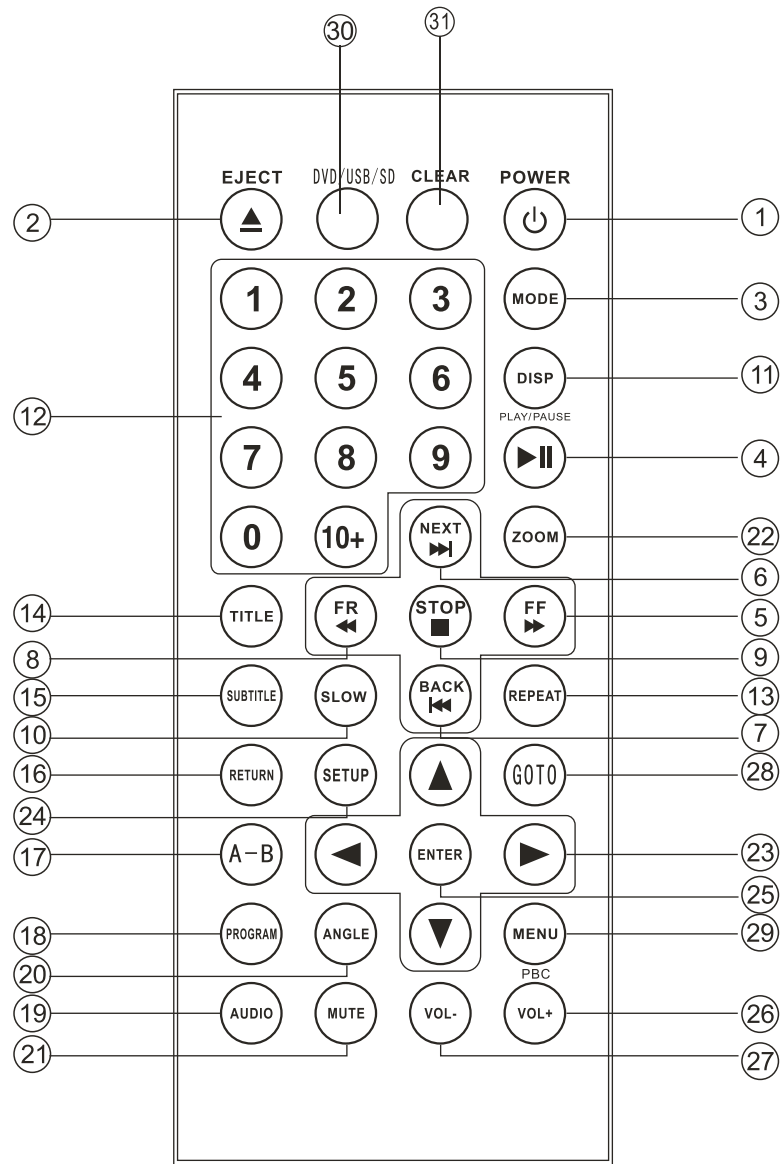
Description

Front Panel



- | | |
|-------------------|---|
| (1) POWER | Turn the power on/off. |
| (2) AUDIO INPUT | Input the audio signal. |
| (3) PLAY / PAUSE | Start play or pause play. |
| (4) DISC SLOT | Insert disc here. |
| (5) SKIP | Skip to the next or previous scene. |
| (6) SOURCE | switch among DVD,USB,and SD mode. |
| (7) MODE | Switch among between DVD and AUX IN mode. |
| (8) SD MMC CARD | Insert SD/MMC card,press SOURCE button to start play. |
| (9) Remote Sensor | Receive signal from remote |
| (10) VIDEO INPUT | Input the video signal. |
| (11) EJECT | Press this button to EJECT. |
| (12) USB | Insert USB ,press SOURCE button to start play |

Description

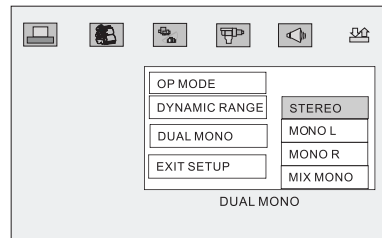
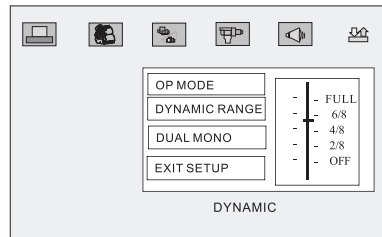
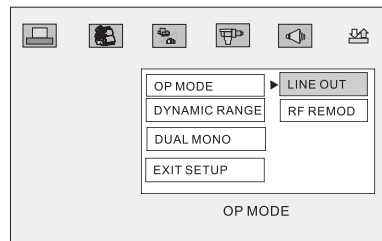


TROUBLESHOOTING

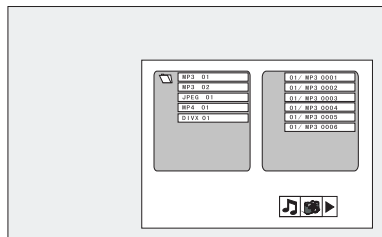
Make inquiries to a service center after tuning off the power if the same phenomenon occurs after treating as below.

In case that disc is running but an image does not appear or an image appears but the screen quality is bad and shakes.	*Confirm the power of the TV is on.
	*Confirm the connection is good.
	*Confirm the body is in a state of an instant stop.
	*Confirm the disc is stained with alien materials or damaged.
The quality of sound does not make even.	*It can not be replayed when the manufacturing state of Disc is bad.
	*During the replay there can be, in a moment, shakes of screen up-and-down when a screen is changed from dark scene to a bright scene, but it is not a breakdown and be reassured.
	*Confirm the connection with a Dolby digital amp.
The remote control does not motion	*Confirm the connecting plug is not loose.
	*Confirm the connecting terminal is not stained By Allen materials.
An image or sound does not motion or a disc comes up after 2 to 5 seconds.	*Confirm the angle of a remote control and distance is suitable and there is not any obstacles.
	*Confirm the flashlight battery of a remote control is enough.
Replay does not act.	*Wasn't the product moved from a cold place to a warm place suddenly?
	*In this case, after drawing out the disc, do not use 1 to 2 hours at the state of the power on.(if dew is disappeared, you can use again.)
	*Confirm the disc is inserted.
	*Confirm the disc is put correctly in order to the printed side is upside.
No sound	*In case of a DVD disc purchased abroad can not be replayed.
	*Confirm the regional code number of the disc is 1.
	*Don't you replay with a slow motion or a screen of a divided movements? (In the state replaying the speed-change screen, it does not sound.No sound
It is not run as the primary set-up of the product.	*After confirming the connection, ascertain the SET UP is correctly established.
	*Didn't you put the disc upside down?(The printed side of the disc should be put upward.)(Wasn't the disc damaged excessively?)(Rub the disc cleanly.)
It is not run as the primary set-up of the product.	*The setup depends on the function of the disc(that of manufacture), the disc which has the same function as a setup menu is run.

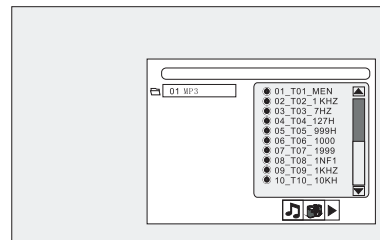
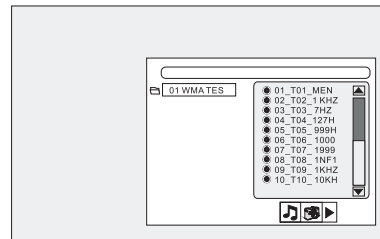
E. DIGITAL SETUP: SETOP MODE, DYNAMIC, DUAL MONO.(see the picture)



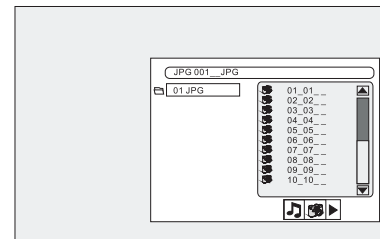
Press LEFT/RIGHT in the following interface to select the list of



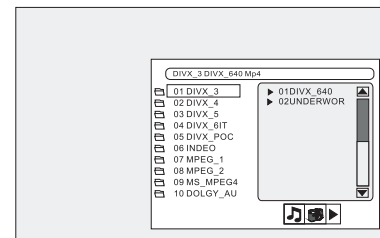
Select and press ENTER to enter the list of the WMA/MP3 playback. Press play to play the files continuously.



Select and press ENTER to enter the list of the jpeg playback. Press play to the files continuously.



Select and press ENTER to enter the list of the MP4 playback. Press play to play the files continuously.



Description

1. POWER
Press power button to turn On/Off the power
2. Eject
use to insert or eject disc
3. MODE
Use this button to choose DVD system or import system
Note: No signal of video import, mode button is not functional.
4. PAUSE/PLAY
Press the button to suspend the playback of CD,MP3,VCD,DVD, Press it again to return to normal playback mode.
5. FF
Forwards through the disc from X2 to X4 , X8 to X20 faster.
6. NEXT
Use to move to the next chapter(DVD) or track (VCD,CD,MP3)
7. BACK
Move to the previous chapter(DVD) or track (VCD,CD,MP3)
8. FR
Reverse through the disc.
9. STOP
Stop the current disc playback.
Press STOP to enter the resume stop mode. Press PLAY under the resume stop mode to resume the playback from the location where you stopped the playback previously. Press STOP two times consecutively to enter the clear stop mode.
Use the clear stop mode, if PLAY is pressed, the disc will resume the playback from the beginning of the disc.
10. SLOW
Forwards or reverse through the disc from 1/2X to 1/32X faster.
11. DISP
Shows the information about title chapter of the disc when playing.
12. Number Button
Use when making selection on menu screen
The number button during the playing mode, you can select any track directly by using number button
Note:VCD - PBC mode play, number button is not functional.
13. Repeat
Press repeat if user wants to repeat the whole disc or a specific track/chapter of the disc.
14. TITLE
In DVD playing mode.
Press TITLE key to show all tracks title on TV screen. Then press NUMBER key to choose your desired track number and press ENTER key or PLAY/PAUSE key to start.
Note:1. Not title display in MP3,CD mode.
2. For choosing a desired language to press title key.
15. SUBTITLE
Press SUBTITLE to bring up the subtitle information shown on the top right corner of the screen.
16. RETURN
Press RETURN to stop the disc playback and get back to the menu.
17. A-B
Repeat a certain segment of the disc.
18. PROGRAM
For MP3/CD disc, it supports a special function: Program Playback, function not available in DVD/VCD disc. It allows you to enter the order in which you want the disc play.
19. AUDIO
To select audio system.
20. ANGLE
Press ANGLE one time to bring up the angle information shown on the top right corner of the screen. Each time you press ANGLE, the camera angle changes. When camera angle menu is not displayed, press ANGLE to bring up the camera angle menu forcefully
21. MUTE
Turn off the sound.
22. ZOOM
The ZOOM feature allows you to magnify a certain on the images recorded on the DVD,VCD and other image discs.
23. UP/DOWN/LEFT/RIGHT
24. SETUP
Use to set various functions according to individual preference.
25. ENTER
The UP/DOWN/LEFT/RIGHT and ENTER are driver selection you want to playback.
26. VOL+
To increase the volume level.
27. VOL-
To decrease the volume level.
28. GOTO
Jump to the desired location of the disc.
29. MENU / PBC
To enter into the main menu of DVD disc.
When the disc control PBC,press this button to access various camera angles.
30. DVD/USB/SD
After Plug in USB/SD,press this button to start playing or press this button to switch among DVD,USB,SD mode.
31. CLEAR
To clear the input.

Playing a disc DVD/MP4/DIVX/VCD/MP3/CD/JPEG

Turn on the player insert the DVD disc
Make sure that the disc's label IS FACING UP.
Slide, into the slot, the disc 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) .

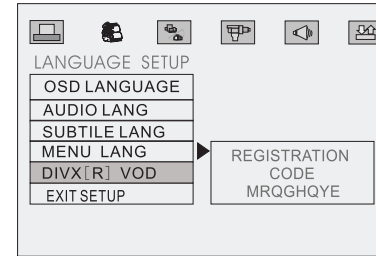
Playing a MP3 file

Insert the disc.
Make sure that the disc's label IS FACING UP.
Slide, into the slot, the disc 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. then the selected will start automatically.
2. you can replay the song directly by entering the number of the song.

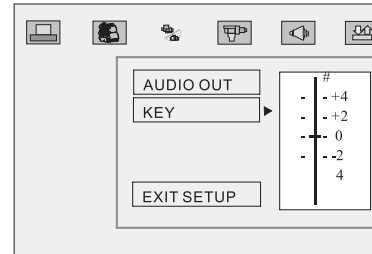
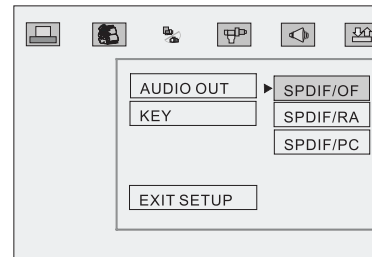
Disc menu

You can select the following menu when menu is recorded in discs.
To display recorded menu in disc DVD/VCD 2.0
press the (MENU) button
the menu recorded in discs appears.
Menu appears differently depending on discs.
On/off of PBC function are selected repeatedly each time you press the button (MENU)(VCD 2.0)
CD. VCD1.1 does not have disc menu function.
Press the arrow buttons to move to item you want. and press the (ENTER) button.

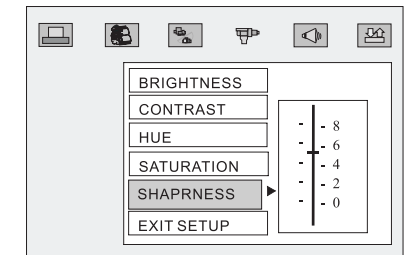
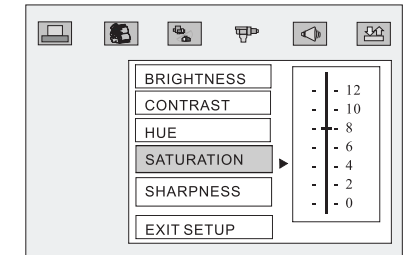
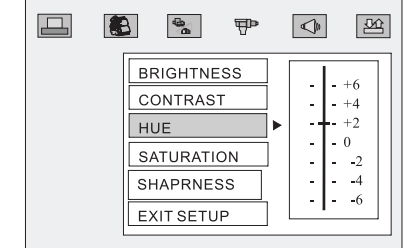
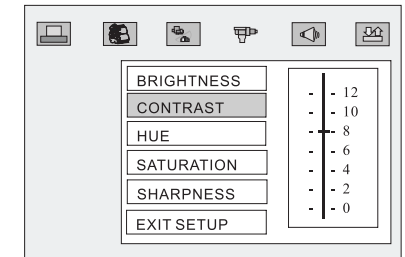
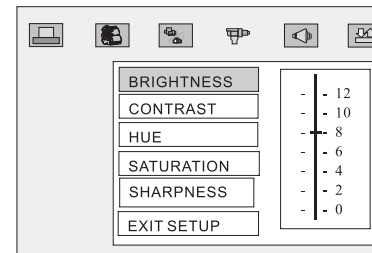
6. DIVX[R] VOD



C. AUDIO SETUP: SET AUDIO output format, Key (see the picture)

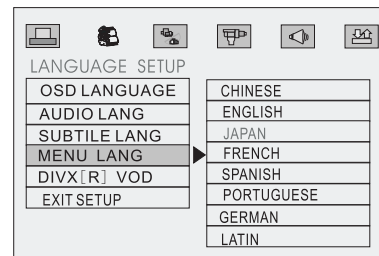
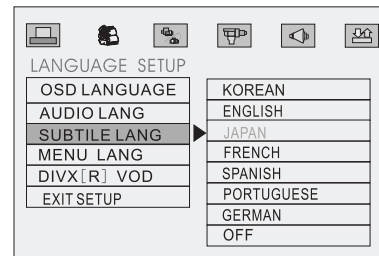
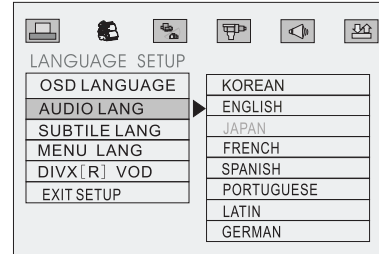
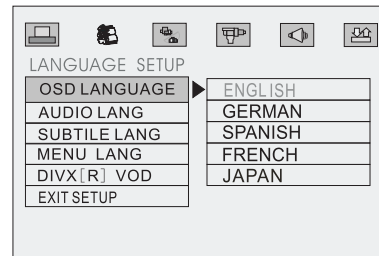
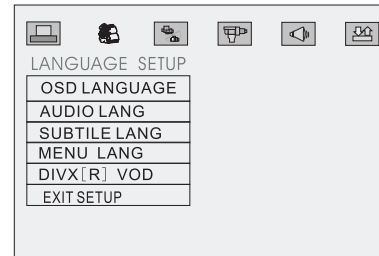


D. VIDEO SETUP: SET BRIGHTNESS, CONTRAST, HUE, SATURATION and SHARPNESS. (see the picture)



B. LANGUAGE SETUP

1. Press the mode button on the panel or remote control. Enter the DVD status and press the SETUP button on the remote control to enter the DVD SETUP status. Press the ◀ ▶ ▲ ▼ buttons to select the OSD language, AUDIO LANG, SUBTITLE LANG, MENU LANG, DIVX[R] VOD AND EXIT SETUP. (shown as the right side picture)
2. Enter OSD LANGUAGE and select the language display on the OSD (shown as the right side picture)
3. Enter audio lang (shown as the right side picture)
4. Enter subtitle lang and press the ◀ ▶ ▲ ▼ buttons on the remote control to select the language.
5. Enter the DVD MENU and press the ◀ ▶ ▲ ▼ buttons to control the setting. (as shown in the right side picture)



DVD/USB/SD operation

When the power is on, press the mode button on the panel or remote control and enter the DVD status.

Insert the disc (only in the DVD status, the disc can be inserted/ejected), it plays automatically. When the system is reading the information from USB/SD, it plays the content from the disc automatically if the disc is inserted.

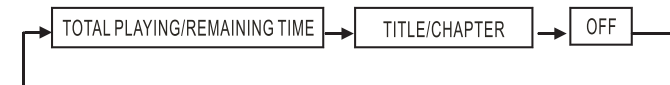
In the DVD status, the system can play when inserting the USB/SD with the files of DVD/DIVX/MP4/MP3/CD/JPEG format. If the system does not contain any disc inside while inserting the USB/SD, the content from the USB/SD will be played. If the system contains a disc inside, press the SOURCE button on the panel or the DVD/USB/SD button on the remote control, to change the mode of playing.

Operation of DVD Function

Press the mode button to change the system in the DVD status. DVD plays disc: the DVD player can play all regions DVD discs and compatible with DIVX, MP4, VCD, CD, SVCD, HVCD, MP3, ETC. Display control: the product is in loading status automatically, while the disc is inserted.

Songs selection: press ◀▶▶▶ buttons on the panel or the remote control to select the song to play. Or you can select the song by the Numerical buttons on the remote control. Press the MENU button on the panel or the remote or the remote control to go back to the main menu (DVD status)

When the disc is being played, the total playing and remaining time can be displayed by pressing the DISP button on remote control. By pressing the DISP button twice, the title and chapter of the disc can be displayed. To exit the wording interface, press the DISP button again.

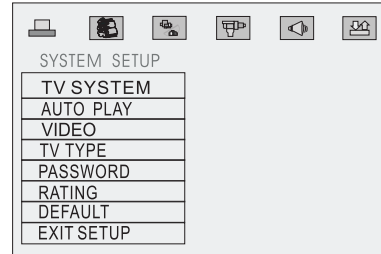


To repeat the song, the disc or not to repeat, press the REPEAT button on the remote control (in the DVD status).

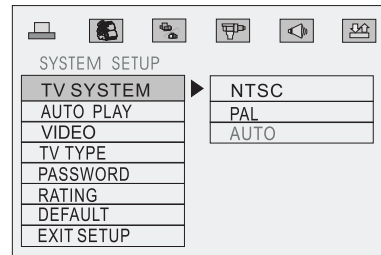
DVD MENU SETTING

A. DVD SYSTEM SETTING

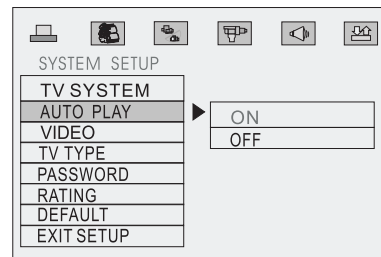
1. Press the mode button on the panel or remote control. Enter the dvd status, and press the setup button on the remote control to enter the dvd setup status. press the buttons to enter system setup, tv system, screen saver, tv type, spdif out, password, rating and default as shown in the right side picture.



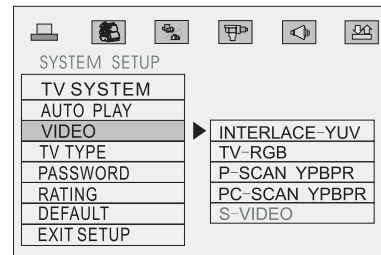
2. In TV SYSTEM, you can choose the the display system as NTSC/PAL/AUTO, as shown in the right side picture.



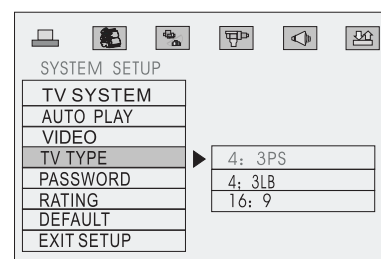
3. Enter AUTO PLAY as shown in the right Side picture and press the ◀ ▶ ▲ ▼ buttons for choosing ON/OFF and ENTER for confirming.



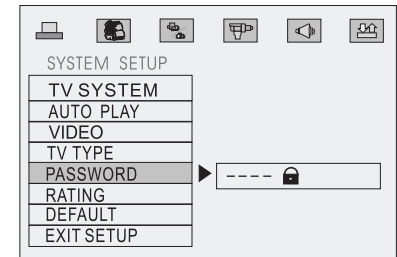
4. Enter the SYSTEM SETUP as shown in the right side picture. and press the ◀ ▶ ▲ ▼ buttons for choosing and ENTER for confirming



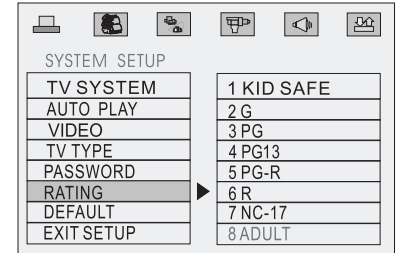
5. Enter the SYSTEM SETUP as shown in the right side picture. And press the ◀ ▶ ▲ ▼ buttons for choosing and ENTER for confirming.



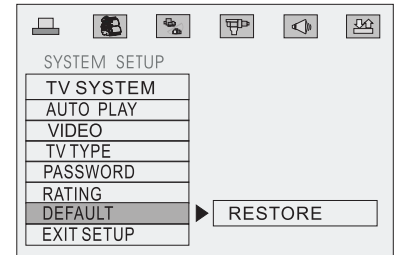
6. Enter the password as shown in the right side picture. and press the ◀ ▶ ▲ ▼ buttons for choosing and ENTER for confirming



7. Enter the RATING as shown in the right side picture. when the disc has the parental lock, the program playing can be limited through the control of the guidance rating.



8. Default Setting
This function restores the setting of all DVD setting as the default setting. Choose RESTORE as shown in right side picture, and press ENTER.



9. Exit DVD setup

