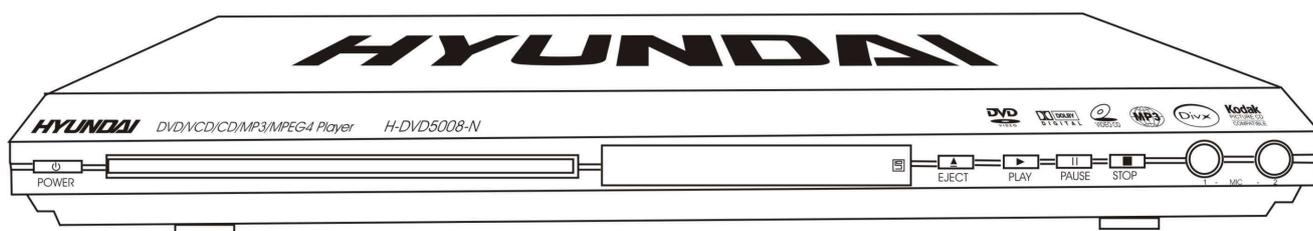


HYUNDAI

H-DVD5008-N



DVD PLAYER
Instruction manual

DVD ПЛЕЕР
Руководство по эксплуатации

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Important safeguards



The lightning flash is intended to alert the user to the presence of dangerous voltage within the product's enclosure, and touching the inner parts may result in a risk of electric shock to persons.



The exclamation mark is intended to alert the user to the presence of important operating instructions.



To reduce the risk of electric shock or fire, do not open the cover. Refer servicing to qualified service personnel.



This mark indicates this unit belongs to class 1 laser product. The laser beam may produce radiation harm to the directly touching human body.

Important notes

- Please read through the manual carefully before connection and operation.
- Do not open the cover or touch any internal components for non-professional.
- Turn off the power when the unit is not being used. (Unplug the power cord if the unit is not used for a long time).
- Don't expose this unit to direct sunlight. Keep away the heating sources or equipments.
- Don't expose this unit to the rain or moisture.
- Place the unit on a horizontal level. Keep the unit ventilated. Don't block the heat hole. Overheat may cause malfunction.
- Clean the cabinet with soft cloth. Detergent or alcohol is forbidden.
- Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- Unplug this unit during lightning storms or when unused for long periods of time.
- Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
- Apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the apparatus.
- This book is only a guide for user's operation, not a criterion for configuration.

Features

Thank you for purchasing our product. Please go through this manual carefully before connection and operation. Please keep this manual for future reference.

DVD player HYUNDAI is a new generation home player, which can produce high quality video and audio. Its performance is much better than that of any previous home video playing equipment. As the best signal source of home theatre system, it will give you the uppermost enjoyment!

- Dolby AC-3, PCM etc. digital audio decoder.
- Video DAC 12-bit.
- Hi-Fi, 192kHz / 24bit audio digital processor.
- Support of MPEG4 Standart: playback of digital video compressed in DivX 3.11, DivX 4.12, DivX5.11, DivX Pro, XviD (It may not be possible to play certain DivX disc due to the configuration and characteristics of the disc or condition of the recording).
- Software intelligent upgrade.
- High-resolution component video output, support future video equipment.
- Professional digital Karaoke function.
- Optical, coaxial digital audio output.
- Multi surround sound field effects.
- Compatible with DVD/DVD-R/-RW/DVD+R/+RW/HDCD/SVCD/VCD/DVCD/CD/CD-R/CD-RW/MP3/MPEG4/KODAK PICTURE CD
- Latest the forth generation servo, decoding on single-chip technology, high reliability and stability, and super error correction.
- Possibility to read the disks of all zones.

Accessories

Accessories

User manual



Remote control



A/V Cable

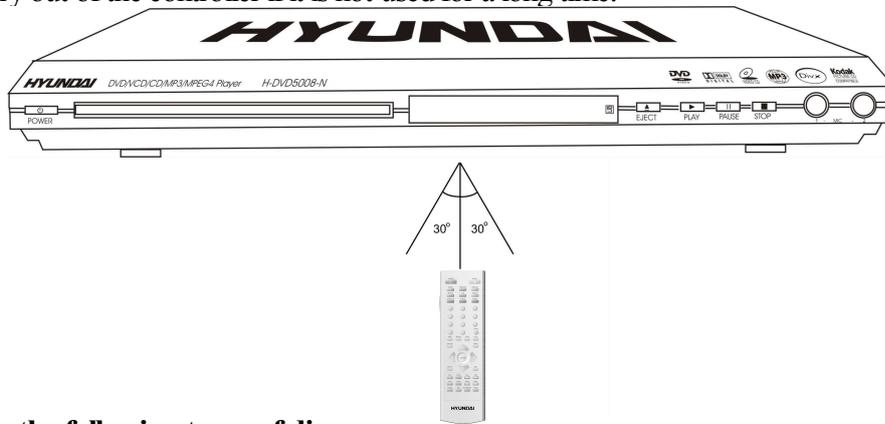


Batteries AAA 1.5V



Remote controller operation

- Insert the batteries into the cell box. The remote control points at remote sensor within 8 meters and within 30 degree at left or right side.
- Take the battery out of the controller if it is not used for a long time.



This unit can play the following types of discs

Disc types	Symbol	Contents
DVD		Audio + Video
AC-3		Dolby Digital Audio
MP3		Audio
Video-CD (VCD)		Audio + Video
CD-DA		Audio
Kodak Picture CD		Electronic Photo
MPEG4		Audio + Video

Accessories

About Disc Terms

Title

Generally, pictures or music compressed on a DVD are divided into several sections that is “TITLE”

Chapter

The smaller section unit of picture or music in a DVD under the title, usually one title is comprised of one or more chapters and each of them is numbered for easy searching. But some discs may not have a recording chapter.

Track

A segment of picture or music on a SVCD VCD or CD. Each track is numbered for searching

Scene

VCD with playback control function, on which active and stillness picture divided into certain portion is called scene, and every scene will be showed on screen menu with a scene number, that can be easily found while on playing. A scene usually is formed with one or several tracks

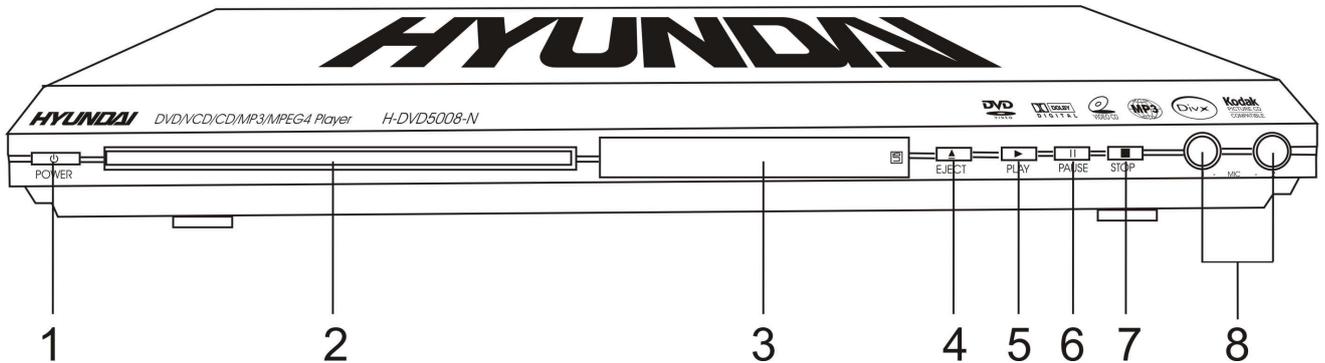
PBC function (SVCD,VCD)

If a SVCD or a VCD is played a content menu may be showed on screen, this is what we Called “Play back control “ viz. PBC function.

Disc sort	Functions
VCD without PBC function (1.1 version)	Exhibiting both music and images.
SVCD/VCD with PBC function (2.0 version)	Besides VCD picture playing on screen menu can be used for PBC playback, and if stillness function is made in a disc it also can be played with high definition.

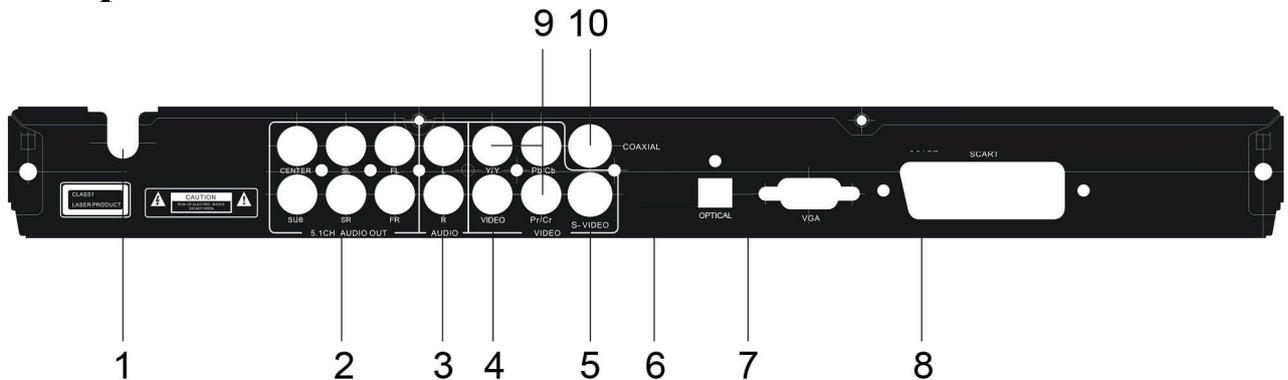
Panel

Front panel



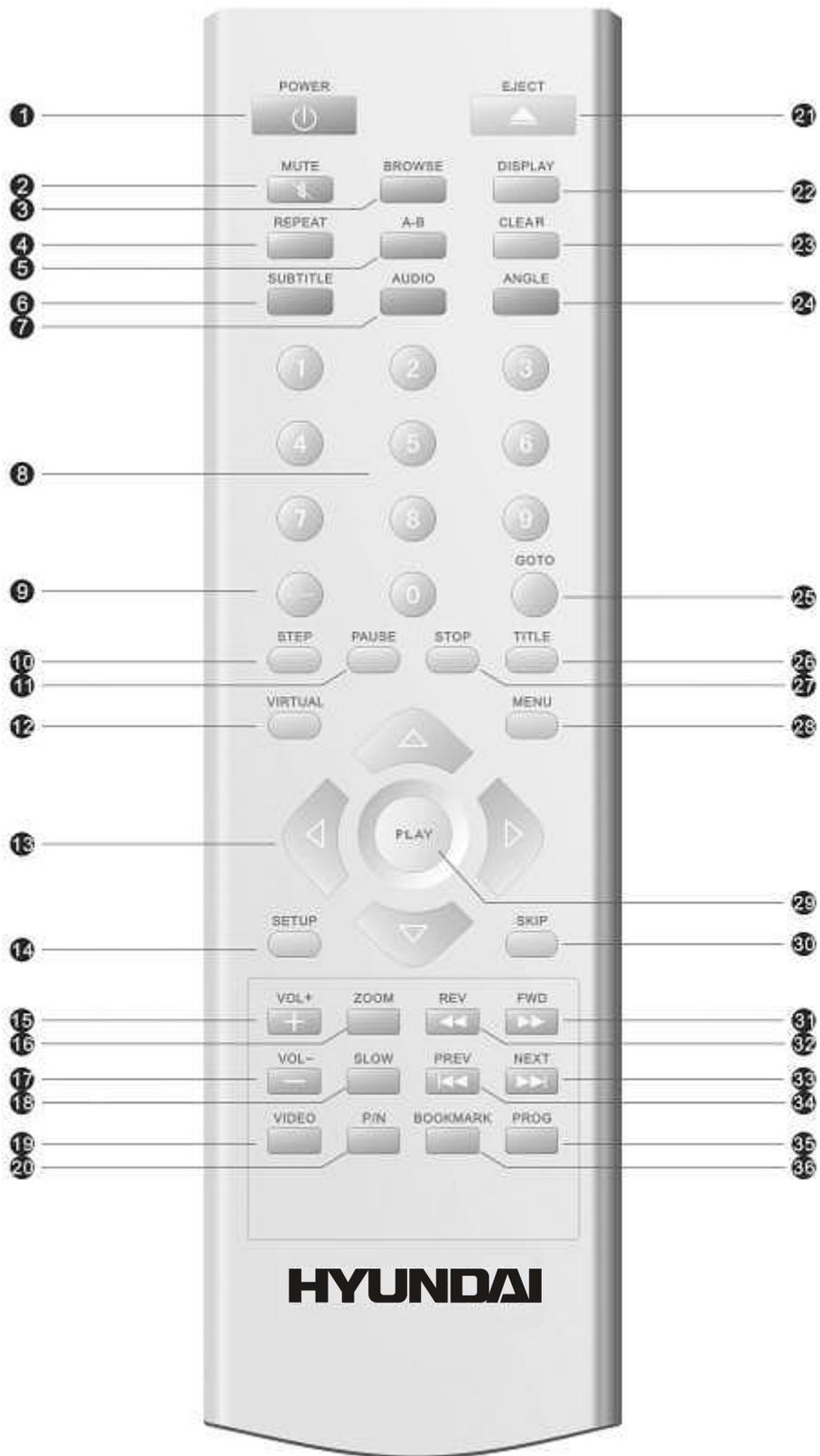
1. Power (standby) button
2. Disc tray
3. LED display
4. Open / Close button
5. Play button
6. Pause button
7. Stop button
8. MIC jacks

Rear panel



1. AC Cord
2. 5.1CH Audio (Center, Sub woofer, Surround right/left, mail right/left)
3. Down-mix right/left
4. Composite video output
5. S-Video output
6. Optical digital output
7. VGA output
8. SCART output
9. Component output
10. Coaxial output

Remote control



Remote control

1. **Power** Press to access to or exit from the STANDBY mode.
2. **Mute** Press to turn on/off the speaker output.
3. **Browse** Press to advance look through from some small picture, and select the play content.
4. **Repeat** Press to repeat a chapter, track, title, or all content
5. **A-B Repeat** Press to mark a segment of A-B to repeat.
6. **Subtitle** Press to select various language subtitles while playing DVD.
7. **Audio** Press to close different languages when playing DVD.
8. **0-9 Numbers** Under time-setup status, press to choose a certain time to start play. When playing a CD or VCD2.0 with PBC closed press to select a certain track.
9. **- / - - Button** Press to select track number more than 9, while in DVD mode.
10. **Step** Press to step-play press the “play” resuming normal playing.
11. **Pause** Press to pause, and press the “Play”, resuming playing.
12. **Virtual** Press to open or close the virtual keyboard on the screen.
13. **Directions** ▲▼◀▶ Press theses direction ▲ ▼ ◀ ▶ to enter items in the menu.
14. **Setup** Press to enter setup menu.
15. **Volume +** Press to raise the DVD volume level.
16. **Zoom** During disc playback, press to zoom in or out a picture.
17. **Volume —** Press to lower the DVD volume level.
18. **Slow** Press to activate slow forward.
19. **Video** Press to switch “Interlace” / “Progressive” mode, VGA signal output.
20. **P/N** Press to shift PAL, AUTO or NTSC mode
21. **Eject** Press to open/close disc tray.
22. **Display** Press to display or close the information of the playing disc.
23. **Cancel** Press to clearance the mistake input.
24. **Angle** Press to select different viewing angle, while playing a DVD with multi-angle function.
25. **Goto** Allows you to select the desired disc starting time, track or title.
26. **Title** When playing DVD, press to enter title menu.
27. **Stop** Press to stop playback
28. **Menu** Press to open/close the menu on screen
29. **Enter** Press to play. Press to confirm items selected.
30. **Skip** Press to broadcast the disc contents directly.
31. **FWD** Press to fast forward skipping.
32. **REV** Press to search backward.
33. **NEXT** Press to enter next page or track.
34. **PREV** Press to return to previous page or track.
35. **Program** Press to play the programmed track.
36. **Bookmark**

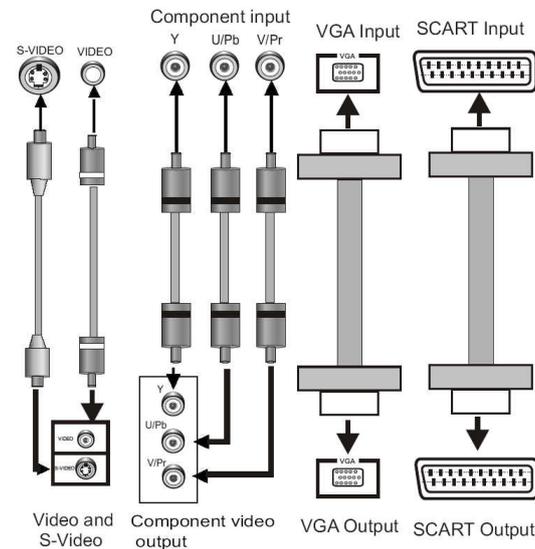
Connection

Before connection

Disconnect the AC power supply cord.

Video system connection

The following available video output for this unit.



Composite Video

Use the AV cable (yellow terminal) to connect composite video output of this unit to the TV/monitor video input.

S-Video

Use the S-video cable to connect the s-video output of this unit to the TV/monitor S-video input.

Component Video (YUV)

Use 3-core AV cable to connect the component output terminals of this unit to the corresponding TV/monitor input.

VGA (Option)

Use a VGA cable to connect the VGA output to the TV/monitor VGA input terminal.

SCART (Option)

Use a 21-pin SCART cable to connect the SCART output to the TV/monitor SCART input terminal.

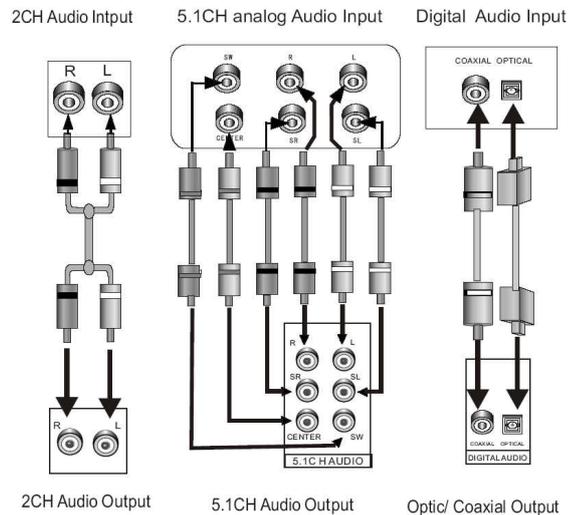
Notes:

- Which connection depends on the TV/monitor input terminal.
- Don't use the all connections at one time; otherwise the picture will be affected.
- Only the physical connection conforms to the video setting can produce the normal picture (reference to the Video Setup in System Setup).

Connection

Audio connection system

Two types of audio output systems: analog audio and digital audio. Analog audio includes 2- channel stereo and Dolby AC-3 5.1 channel output. Digital audio includes optical and coaxial output.



Stereo audio

Use a pair of AV cable (red for right /white for left) to connect the stereo audio output of this unit to the TV or a stereo input of power amplifier.

5.1 CH Analog audio (option)

Use 3 pairs of AV cable to connect the 5.1 channel output of this unit to corresponding 5.1 channel input terminal.

Coaxial Digital Audio

Use the special coaxial cable to connect the coaxial output of this unit to the coaxial input of power amplifier.

Optical Digital Audio (option)

Use the special optical cable to connect the optical audio output of this unit to the optical input of power amplifier.

Note:

- The physical connection should accord to the audio output setup of this unit. Please refer to **Audio Setup** in **System Setup**.

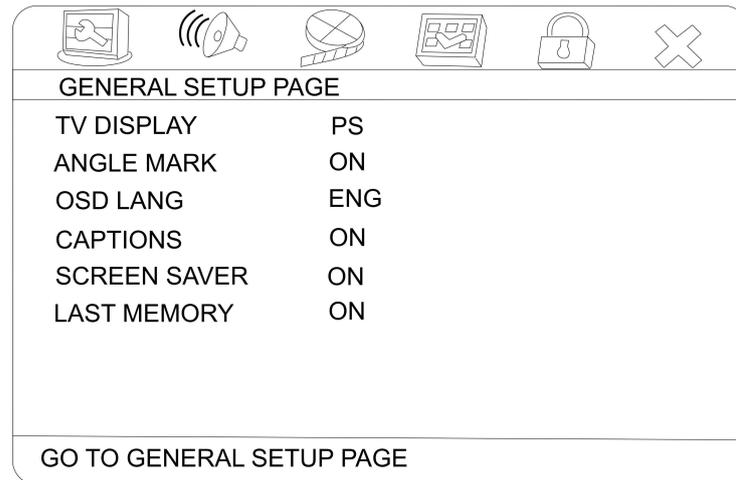
System Setup

Press **SETUP** key, screen show setup page. In setup mode, press **SETUP** key again to quit the setup page.

Press direction key to the desired item, press **ENTER** to confirm.

- (1) Some setup items are concerning the present modes. The items in gray can't be set up.
- (2) The setup is memorized and kept after power off.

GENERAL SETUP PAGE



- **TV Display**
 - 4:3 Panscan:** When the unit connects to the normal TV set, the wide-screen image shows on the full screen, but some part is cut off.
 - 4:3 LetterBox:** When the unit connects to the normal TV set, the wide-screen image shows and black bars appear on the top and bottom of screen.
 - 16:9 Wide Screen:** Use this item when the unit is connected with the wide screen TV set.
 - 16:9 Wide Squeeze:** Use this item when the unit is connected with the normal TV set, if you want to squeeze the picture.
- **ANGLE MARK**

It will show the ANGLE mark when playing DVD disc with multi-angle view if selecting ON
- **OSD LANGUAGE**

Select on-screen display language
- **CLOSED CAPTIONS**

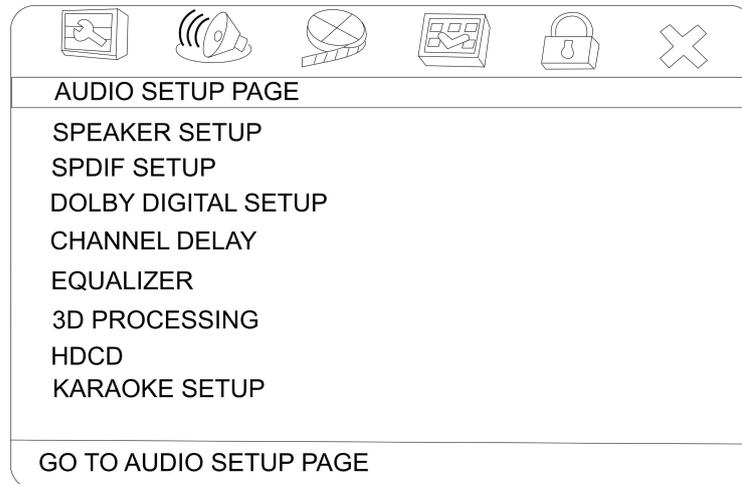
This function doesn't work when the disc without caption. If the caption is OFF, press **SUBTITLE** key on the remote controller to make caption on. The default setup is **CAPTION ON**.
- **SCREEN SAVER**

If the **SCREEN SAVER** is set ON and the unit is switched on without a disc playing for several minutes, a moving picture appears on the screen, and the unit will go to standby mode after 20 minutes. You can press **STANDBY** key on the remote controller to wake it up.
- **LAST MEMORY**

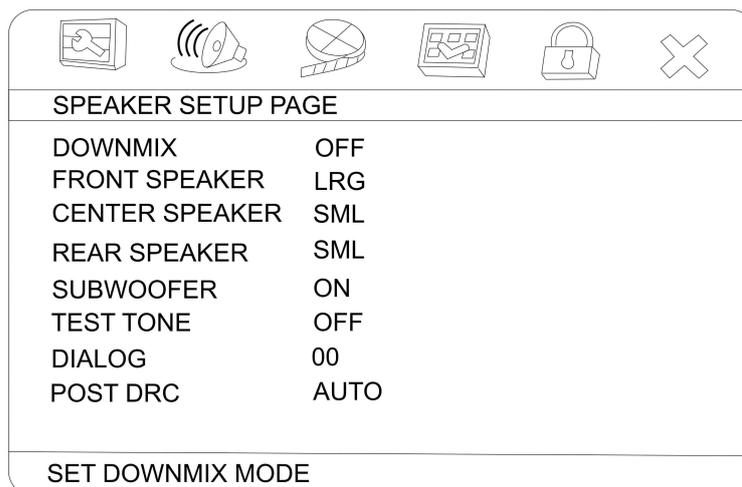
When this function is on, the unit can memorize the time elapsed from the last time you played the disc. Then at the next playing, it will resume playing from the memorized time.

System Setup

AUDIO SETUP



Analog audio setup page

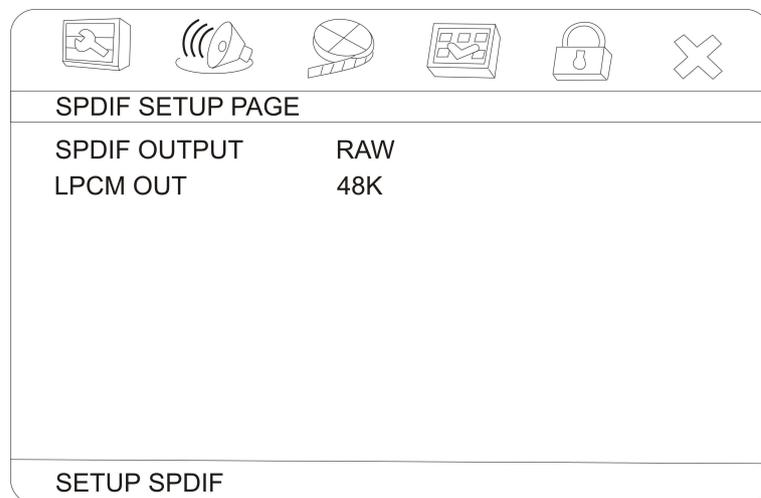


- **DOWNMIX**
LT/RT: The audio out is Left and Right channels format even if the original sound is 5.1CH format.
STEREO :The audio out format is stereo even if the original sound is 5.1CH format.
3D SURROUND: The audio out is virtual surround sounds (only for 5.1CH player)
OFF: Turn off downmix function. If playing 5.1CH discs or the unit is connected with 5.1 channel amplifier, this item should be selected.(only for 5.1CH player)
- **FRONT, CENTER, REAR, SUBWOOFER SPEAKER (No this item in 2CH player)**
If your speaker system includes the above speakers, you can set these items according the real speaker states. In karaoke ON mode, or downmix is not set to OFF, these setup don't work

System Setup

- **TEST TONE**
With 5.1 operating choose “On”, will check 5 CHs in turn.
The checking must be done with no disc in the unit and under the condition of “Downmix” being with “5.1CH”. change 5.1 to OFF
Using this function can check all CHs if their linkage with sound box is correct or wrong.
- **DIALOG**
With “Audio output mode”, and choose “LT/RT stereo ” then under the “Speaker Setup Page” you can select “Dialog ” item and adjust volumes.
While playing 5.1CH disc, can adjust speakers volumes via “dialog”.
- **POST DRC**
Dynamic compress output can lower volumes processing sound effect under the conditions of within speakers max output. The item is divided into “ON /OFF / AUTO”.

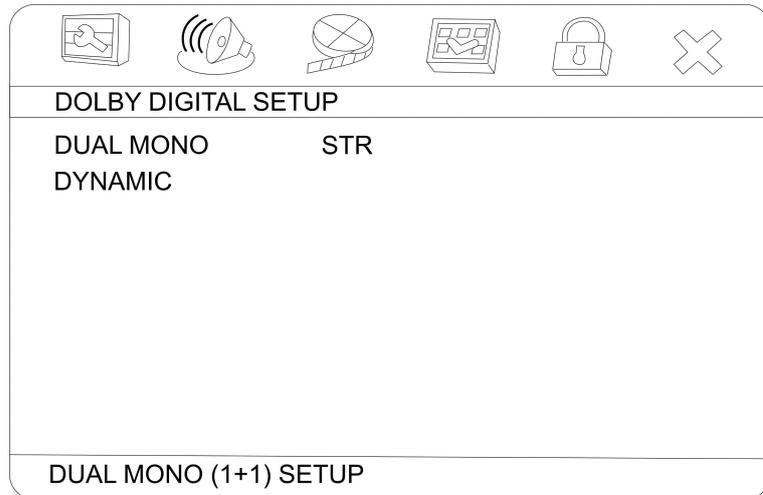
SPDIF setup



- **SPDIF OUTPUT**
SPDIF OFF: no digital signal out (optical or coaxial output off), only analog audio output.
SPDIF RAW: no decoding on the amplifier digital signal input.
SPDIF PCM: the amplifier must be supported by PCM decoding or Dolby digital decoding function.
- **LPCM OUTPUT**
Select PCM frequency at 48kHz, 96kHz or 192 kHz
Note: some amplifier don't support 96kHz or 192kHz sampling and cause optical and coaxial output abnormal.
The initial factory setup is 48kHz.

System Setup

Dolby digital setup

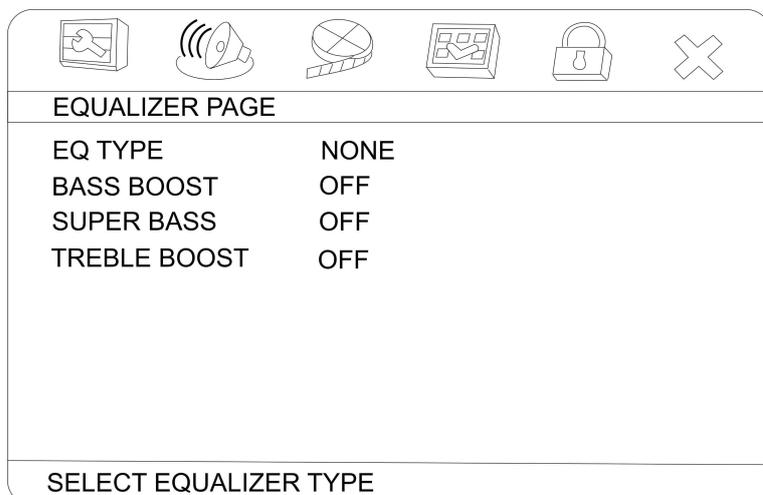


- **DUAL MONO**
“Stereo” stereo output signal,
“L-Mono” left output signal,
“R-Mono” right output signal,
“Mix-Mono” :left and right output average signal.
- **DYNAMIC**
If watching large dynamic scope movie program at night, to select this mode you can reduce the volume to a very low level, at the same time, to keep the fine details sounds. In this case, this doesn't disturb the family and keep the quality sounds.

Channel delay (No this setup in 2CH DVD)

If the above setups dissatisfy you, you can set the speaker distances in the real conditions. Press the key UP/DOWN to select the speaker, Press the key LEFT/RIGHT to adjust the distance.

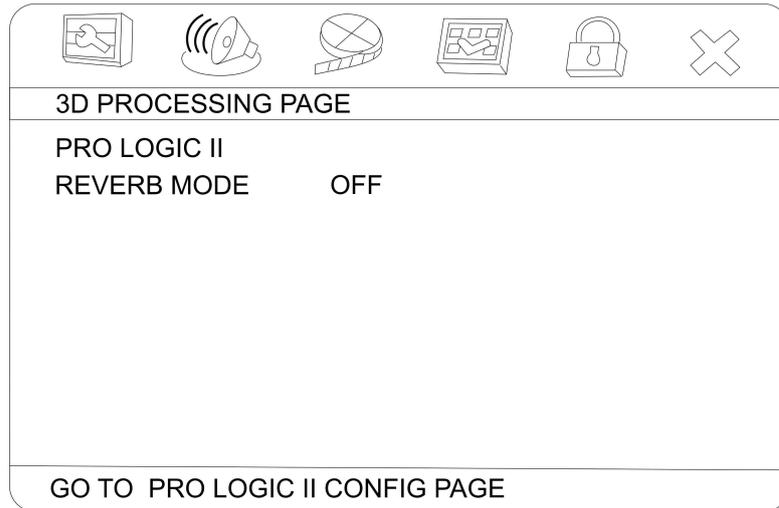
Equalazer setup



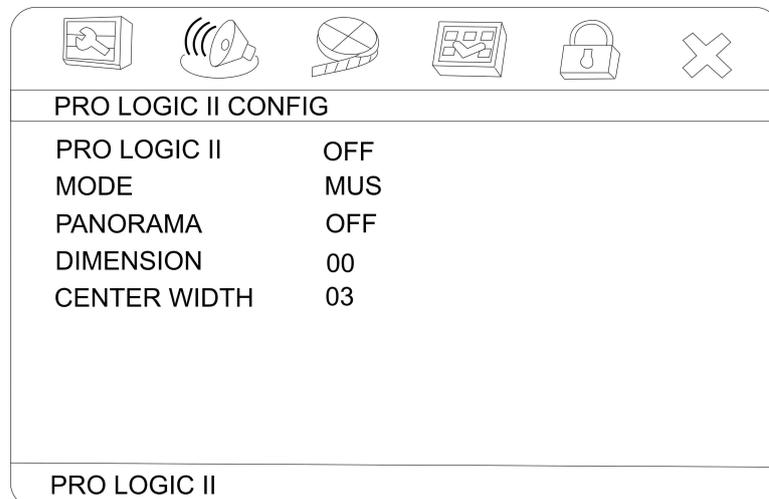
System Setup

- **EQUALAZER TYPE (No this setup in 2CH DVD)**
Seven EQ modes are available. You can select one according your preference and the disc content
- **SELECT BASS BOOST, SUPER BASS OR TREBLE BOOST**
“On” means strengthen the corresponding audio.

3D processing (No this setup in 2CH DVD)



In PROLOGIC ON mode, the reverb mode setup is available. The initial factory setup is off.



- **PRO LOGIC II**
“On” means 2CH music switch into 5.1CH music and can be played with multi CHs speakers while in “Off” status, no effect, if a disc does not support the function, suggesting to put to the “Auto” position, when playing with Dolby digital DVD, the function setting must be put on or put in auto.
- **MODE**
Music All sound arrive stimulatingly, without delay.

System Setup

Film At the surrounding CH plus 10ms delay. PRO LOGIC mode imitate PRO LOGIC I adopting logic 2

Auto means auto selecting mode according to a disc type.

Only under audio out status, and “5.1CH” being chosen can “PRO Logic” be set. While in “PRO Logic”, and choosing “On” can go into next “Mode” menu.

- **PANORAMA**

On means the front stereo extends to both sides, with a better surrounding sense.

- **DIMENSION**

Similar as front and rear balance control, adjusting gradually the front and rear sound field, there are all 7 musical scale to be chosen.

- **SELECT CENTER WIDTH**

Adjusting center CH signal and dividing left /right CH, to let the signal emit from 3 front Speakers at different degree

HDCD (No this setup in 2CH DVD)

You can select the digital filter at 44.1kHz or 88.2kHz. The initial factory setup is off.

Karaoke setup

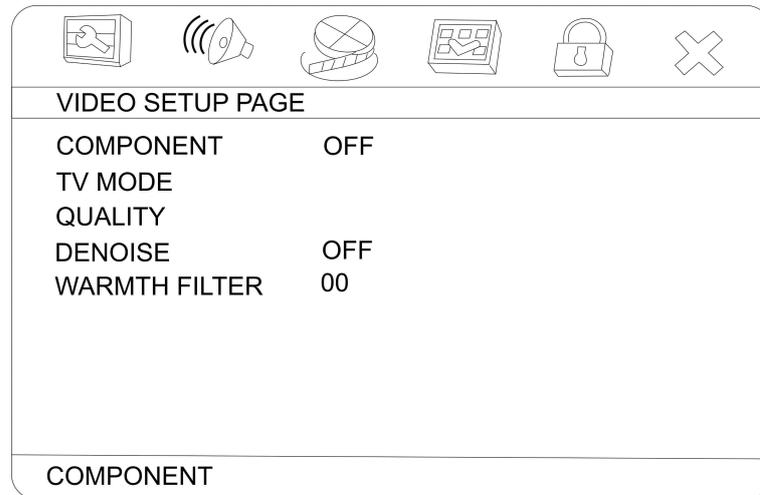
					
KARAOKE SETUP PAGE					
MIC SETUP					
MIC THRESHOLD		09			
GO TO MIC SETUP PAGE					

Here you can set the volume and mix of the karaoke.

					
MICPHONE SETUP					
MIC		ON			
MIC VOL 1		10			
ECHO LEVEL		05			
MIC					

System Setup

VIDEO SETUP



- **VIDEO OUTPUT**

YUV: set video output in analog component video format when connecting to Y/U/V terminals

RGB: set video output in Red/Green/Blue format when connecting to SCART terminals

VGA: set to this item when connecting to VGA terminals

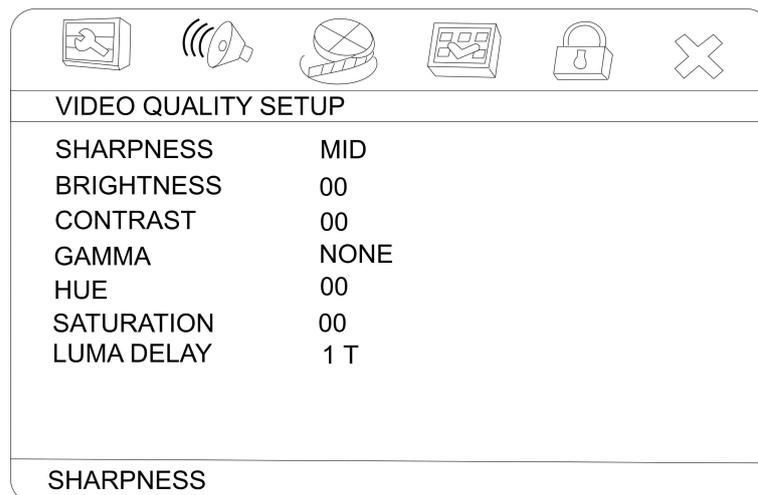
The player is always with signal output under all conditions, and if it is connected to a component video display equipment, suggesting the linkage be set on "OFF".

- **TV MODE**

You can choose between progressive and interleaved output when playing with "YUV" or "RGB" Mode.

- Also you can set up denoise and warmth filter.

Quality setup



You can set the sharpness, brightness, contrast, gamma, hue, saturation, luma delay according to your preference.

System Setup

PREFERENCE SETUP



- **TV TYPE**

This unit is suitable for all kinds of TV systems. You can select one of the PAL, NTSC or MULTI.

MULTI: the TV system is auto switched according to the disc system.

NTSC: this system is used in USA, TAIWAN, JAPAN etc.

PAL: this system is used in CHINA, EUROPE, HONGKONG etc.

- **PBC**

To set PBC with “On off”, PBC ”On”, means the function is available, ”Off”, no function

- **AUDIO, SUBTITLE, DISC MENU LANGUAGE SETUP**

These are the initial settings by your preference. If a setting is supported by disc content, it will work. Otherwise the disc default value works. And these settings can be changed respectively by press key [AUDIO] [SUBTITLE] when playing.

- **PARENTAL:**

The control level is for parental to control playing content and protect your children from violence and erotic. The disc, the level of which is higher than the setting level can not be played.

- **COUNTRY REGION**

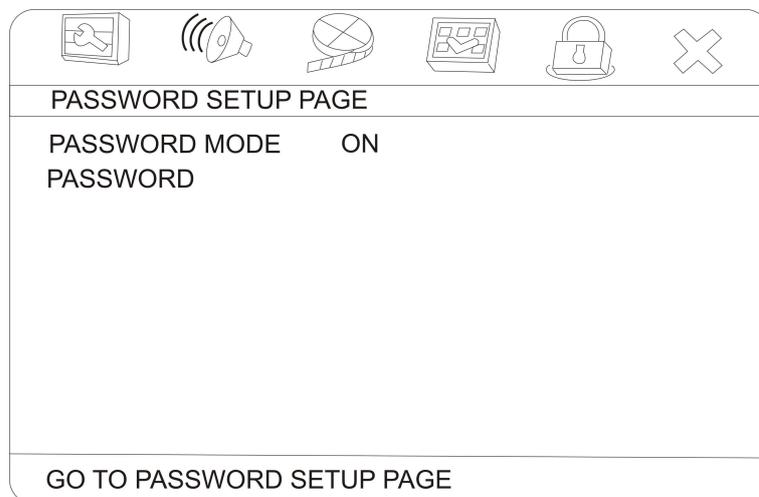
Considering all country’s control on DVD disc age level you can choose a corresponding age as Rus, France, Hong Kong, Japan, Taiwan, Eng, USA and so on.

- **DEFAULT**

Reset to the initial factory setups

System Setup

PASSWORD SETUP



Change the password. The initial factory password is 136900. You can set your own password. If you forget your own password, you can use 136900 as general password.

Play

EJECT

- Press EJECT button when power on, the disc tray is pushed out. Put the disc on the tray with the title faced up. Press EJECT again to close the disc tray and the unit starts playing automatically. (Without auto-play function for mp3 and JPEG discs).

POWER

- When playing, press POWER button, the machine will be power-off and go to standby state; Press POWER again, the machine will be power-on and start playing.

Warning: The power is not fully cut off at standby state.

TITLE

- When playing DVD disc, press TITLE to return the main title play.

AUDIO

- There are up to 8 kinds of audio languages in a DVD disc. When you play a multi-language DVD disc, press the AUDIO button on remote control to select a different audio language.

NOTE: This function is only available for discs that have several audio bitstreams.

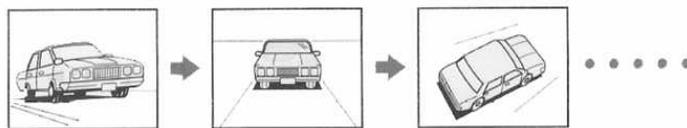


SUBTITLE

- When playing the disc with multi-subtitle, press SUBTITLE continually, the subtitle changes in a circle, you can select one.

ANGLE

- The DVD player supports multi-angle function. Multi-angle means that a scene is shot from more than one angle so that audience can watch from any angle. If there are multiples in a scene, you can use the ANGLE button to select the angle you like to enjoy. Press the ANGLE button continuously to view different angles.



MENU

When playing DVD disc, press MENU once to return to sub-menu. Press MENU again to return to the main menu.

- When playing SVCD, VCD2.0 disc, press MENU the disc menu will show. You can select a program in the menu. After loading the disc, the unit will enter MENU ON play automatically. Press MENU button, the TV screen shows PBC OFF. In this mode, the menu will not appear, press digit key to select the track directly. VCD1.1, CD-DA and Mp3 have no PBC menu.

BROWSE

- Press to advance look through from some small picture, and select the play content.

Play

1 2 3
4 5 6 7
8 9 10 10+

- When playing VCD 1.1, CD, MP3 disc, after loading the disc, use the digit key to select the desired track or chapter directly. Press 10+ key and then another digit key to select the track which number is 10 or more than 10.
You can press digit keys at PROGRAM and MENU selection.

STOP

- When playing DVD, SVCD, VCD, CD disc, press STOP once, the unit will memorize the previous ending point. Press ENTER button to go on the play. Press STOP for the second time to stop the play and end memory.

PLAY/PAUSE

- When playing the disc, press PAUSE once to pause, press ENTER again to return to normal play.

STEP

- When playing DVD, SVCD, VCD, CD disc, press STEP once, the picture changes to next frame. Press PLAY to resume normal play.

F.FWD/REW SEARCH

- Press this button for quick forward search
- Press this button for quick rewind search



PREV/NEXT

- When playing DVD disc, press PREV to the previous chapter.
- When playing SVCD, VCD, CD, MP3 disc, press PREV to the previous track.
- When playing DVD disc, press NEXT to the next chapter.
- When playing SVCD, VCD, CD, MP3 disc, press NEXT to the next track.

PROGRAM

- If the disc is with 2 or more tracks, chapters or titles, set up the playing order as your preference. Press this button to enter program menu.
- Press digit key to input the number of the track, title or chapter. If the programmed tracks are over ten, press NEXT to go on programming. (Maximum 20 programmable items) use the up/down/left/right key to move the cursor to the START. Press ENTER to start PROGRAM play.
- When playing MP3 disc, NO program function! Press PROGRAM button once to enter DIRECTORY- PLAY mode, you can select program to play in the current directory; Press PROGRAM again to enter FILE-LIST mode, you can select program to play in the file list of whole disc .

VIRTUAL

- Press to open or close the virtual keyboard on the screen.

SKIP

- Press to broadcast the disc contents directly

Play

REPEAT

- Press REPEAT button to repeat a title, chapter, track or the whole disc.
- When playing DVD disc, press REPEAT button continually, the TV screen shows chapter repeat, title repeat, all repeat, repeat cancel in turn
- When playing SVCD, VCD, CD disc, the turn is track repeat, all repeat, repeat cancel.
- When playing MP3 disc, the turn is single repeat, directory repeat, repeat cancel.

A - B

- When playing DVD, SVCD, VCD, CD disc, press A-B button to repeat a certain contents.
- Press A-B key on the start point (A) and the ending point (B) to select the repeat part.
- Press A-B the third time, cancel A-B repeat and return to normal play

GOTO

- Press TIME (or GOTO) button to select title time, chapter time, and track time to play. You can use digit keys input the goto time

ZOOM

- When playing DVD, SVCD, VCD disc, press ZOOM to zoom in or zoom out the picture.
- In zoom in mode, press up/down/left/right to move the picture for viewing. The picture cannot be moved in zoom out mode.

VOLUME

- Press VOLUME + to adjust volume up
- Press VOLUME - to adjust volume down

MUTE



- Press MUTE button, no sound will give out and the mute symbol will display on the TV screen. Press MUTE again, MUTE OFF will display and the sound will resume.

SETUP

- Press the SETUP button, the relative information of the disc will display on the TV screen.

Note: A few buttons is not necessary for some types of machine. The normal operation will not be affected without them!

SLOW

- Press to activate slow forward.

VIDEO

- Press to switch “Interlace” / “Progressive” mode, VGA signal output.

P/N

- Press to shift PAL, AUTO or NTSC mode

DISPLAY

- Press to display or close the information of the playing disc.

Play

MP3 PLAYBACK

- MP3 is the third audio compression format of international standard MPEG, which compresses the audio signal at the rate of 12:1. Using MP3 format, one disc can record more than 600 minutes music, the timbre of which is similar with that of CD discs.
- There are many different formats for storing MP3 songs. Usually, one MP3 disc includes many folders (directories) and every folder includes several files (songs).
- In stop status, use the LEFT/RIGHT directional navigation arrows to move cursor to “PLAY MODE” column, and use the UP/DOWN directional navigation arrows to select the play mode. Press the LEFT/RIGHT directional navigation arrows to confirm. Similarly, use the UP/DOWN directional navigation arrows to select the directory you want and press the ENTER button to enter it. Press the PLAY button to play the song you selected

KARAOKE

- Karaoke disc should be in DVD VCD format. This disc should content music and subtitles. Karaoke disc should show to the users the fragments and when one's should sing song. It is necessary to use one or two microphones (don't apply to the unit).
- Connect microphones to MIC 1 cutoff point on the rear panel of DVD player.
- Use menu to adjust the microphone volume.
- Put Karaoke disc into DVD-player and the reproduction will start automatically at once.

PLAY PICTURE CD DISC

- Press STOP key, 12 small pictures will show on the TV screen.
- Press up/down/left/right to select the desired picture.
- Use up/down/left/right key to select RANDOM, then press ENTER to start random play.
- Use up/down/left/right key to INSTRUCTION, then press ENTER to instruction menu.

Instruction menu as follows:

[PROGRAM]: to change picture transform mode;
[STOP]: entering picture preview mode;
[PREV]: previous picture;
[NEXT]: next picture;
[PLAY]: to play picture;
[UP]: mirror image in vertical;
[DOWN]: mirror image in horizon;
[LEFT]: rotate 90 degrees anticlockwise;
[RIGHT]: rotate 90 degrees clockwise;
[ZOOM]: change zoom mode;
[FAST FORWARD]: zoom in the picture;
[FAST REWIND]: zoom out the picture;
[UP/DOWN/LEFT/RIGHT]: move zoom center,
select CONTINUE to exit.

Troubleshooting guide

Symptom	Cause(s)	Solution
No power	The power cord is not connected.	Connect the power cord properly.
No picture	TV video setup is not correct. Player video setup is not correct. Video cable is not connected well.	Select the suitable setup. Select the suitable setup. Connect the cable properly.
No sound	Audio cable is not connected well. Power off for the connected equipment. Audio setup is not correct.	Connect the cable properly. Turn on power. Select the suitable audio setup.
Distorted picture	Dirty disc. In fast forward or fast rewind mode.	Clean the disc. Sometimes, the tiny distortion appears. It is normal.
Luminance unsteady or picture with noise	Anti-copy circuit influence.	Connect the DVD unit to TV directly.
Unable to play	Without disc. Disc is bad. Disc is put upside down. Dirty disc. There are menu on TV screen. Parental control is working.	Load the disc. Clean or replace the disc. Load the disc properly. Clean the disc. Use SETUP to turn off menu. Set up parental off or change the setup.
Key malfunction	Power wave or other static interference.	Turn on / off the power and try again.
Remote control does not work	Remote control is not pointed at the sensor. Remote control is too far from DVD unit. Batteries are weak.	Point the remote control at the sensor. Operate the remote control within 7 meters. Replace the batteries.
Can not locate any channels in tuner mode	Antenna is not connected. Source mode is not in tuner mode.	Connect antenna. Switch to tuner mode.

Specification

Appearance	Loader	slim
	Front panel	normal
	Color	silver
Compatibility	Formats of disks: DVD, DVD-R/-RW/+R/+RW, CD-R/-RW	+
	Formats of playback: DVD, DVCD, SVCD, VCD, CD-DA, MP3, HDCD, JPEG, KODAK PICTURE CD	+
	Support of MPEG4 standard: playback of digital video compressed in DivX 3.11, DivX 4.12, DivX 5.11, XviD	+
	Support DVD disks of all zone	+
Audio	Audio DAC 192 kHz / 24-bit	+
	Dolby Digital decoder	+
	DTS digital out	+
	Prologic II	+
Video	Solution	MTK
	Video DAC 12-bit	+
	Progressive scan	+
	Support NTSC / PAL	+
Connectors	Composite	+
	S-Video	+
	Component (YUV)	+
	VGA	+
	SCART	+
	Stereo	+
	Optical	+
	Coaxial	+
Functions	5.1 audio	+
	Karaoke	+
	Screen saver	+
	Zoom	+
	3D sound effects	+
	Equalizer	+
	Children lock	+
	Multi-shooting angel	+
Additional	Multilanguage OSD	+
	Power supply	~110-240 V, 50/60 Hz
	Dimensions (mm)	370(L)x235(W)x45(H)

Specifications are subject to change without notice.

Mass and dimension are approximate.

