**DVD Video Player
Owner's Manual**

DVD724

PHILIPS   DVD 724 DVD VIDEO PLAYER

PROGRESSIVE SCAN

OPEN CLOSE

POWER ON/OFF

C22   025802

PROGRESSIVE SCAN

Let's make things better.

PHILIPS

2

English

Español

Português

(BR) **BRASIL**

(MEX) **MÉXICO** $\overline{\text{NOM}}$-135-⊞

México $\overline{\text{NOM}}$-135-⊞

Es necesario que lea cuidadosamente su instructivo de manejo.

| PRECAUCIÓN - ADVERTENCIA |
| No abrir, riesgo de choque eléctrico |
| **ATENCIÓN** |
| Verifique que el voltaje de alimentación sea el requerido para su aparato |

Para evitar el riesgo de choque eléctrico, no quite la tapa.
En caso de requerir servicio, diríjase al personal calificado.

REPRODUCTOR DE DISCO DE VIDEO DIGITAL   **DVD736K/781**

110-240 V ~ 50-60 Hz   20W
IMPORTADOR: **PHILIPS MEXICANA, S.A. de C.V.**
                 Norte 45, # 669, Col. Industrial Vallejo
                 C.P. 02300 México D.F. , Tel. 728 42 00
EXPORTADOR   **PHILIPS CONSUMER ELECTRONICS CO.**
PAIS DE ORIGEN: CHINA
RFC: PME620620E84

Nº de Serie: _____

LEA CUIDADOSAMENTE ESTE INSTRUCTIVO ANTES DE USAR SU APARATO.

3

General Information

Since it is usual for DVD movies to be released at different times in different regions of the world, all players have region codes and discs can have an optional region code. If you load a disc of a different region code to your player, you will see the region code notice on the screen. The disc will not playback, and should be unloaded.

Manufactured under license from Dolby Laboratories. "Dolby", "Pro Logic" and the double-D symbol are trademarks of Dolby Laboratories.

CAUTION
(WARNING LOCATION: ON THE BACKPLATE OF SET)

NEVER MAKE OR CHANGE CONNECTIONS WITH THE POWER SWITCHED ON.

For Customer Use:

Read carefully the information located at the rear panel of your DVD VIDEO player and enter below the Serial No. Retain this information for future reference.

Model No. DVD VIDEO
Serial No. _____

Laser safety

This unit employs a laser. Due to possible eye injury, only a qualified service person should remove the cover or attempt to service this device.

USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.

LASER
Type	Semiconductor laser GaAlAs
Wave length	650 nm (DVD)
	780 nm (VCD/CD)
Output Power	7 mW (DVD)
	10 mW (VCD/CD)
Beam divergence	60 degree

CAUTION
VISIBLE AND INVISIBLE LASER RADIATION WHEN OPEN AVOID EXPOSURE TO BEAM

Important Note:
Due to the numerous versions of new CD-Audio copy protection or enhanced CD-Audio protection recently available on certain discs, Philips is unable to guarantee that this DVD player is fully compatible with such new discs. Should you have difficulty playing any such CD-Audio discs, kindly refer them to your CD-Audio disc retailer.

Contents

Introduction

Thank you for purchasing this Philips DVD player. This Owner's Manual explains the basic operation of this DVD player.

Environmental Information

All unnecessary packaging has been omitted. We have tried to make the packaging easy to separate into three materials: cardboard (box), polystyrene foam (buffer) and polyethylene (bags, protective foam sheet).

Your DVD player consists of materials which can be recycled and reused if disassembled by a specialized company. Please observe the local regulations regarding the disposal of packaging materials, exhausted batteries and old equipment.

Supplied accessories

– DVD-Video player
– Remote control with Batteries
– Audio cable
– Video cable
– Owner's Manual

Safety Information

● Before operating the DVD player, check that the operating voltage indicated on the typeplate is identical with the voltage of your local power supply. If not, please consult your dealer.
● Place the DVD player on a flat, hard and stable surface.
● There must be sufficient room in front of the player for the drawer to be opened.
● In cabinet, allow about 2.5cm (1 inch) of free space all around the player for adequate ventilation.
● Do not expose your player to extreme of temperature or humidity.
● If the DVD player is brought directly from a cold to a warm location, or is placed in a very damp room, moisture may condense on the lens of the disc unit inside the DVD player. Should this occur, the DVD player would not operate normally. Leave the DVD player on for about one hour with no disc in the DVD player until normal playback is possible.
● The mechanical parts of the set contain self-lubricating bearings and must not be oiled or lubricated.
● When the DVD player is switched to Standby mode, it is still consuming some power. To disconnect the system from the power supply completely, remove the AC power plug from the wall socket.

Symbols Used in this Booklet

The below symbols appear in some headings and notes with the following meanings:

DVD – Description refers to playback of DVD-video discs

VCD – Description refers to playback of Video CDs

CD – Description refers to playback of Audio CDs

SVCD – Description refers to playback of Super VCDs

Helpful Hints!
● *Some DVD video discs require specific or allow only limited functions during playback.*

Functional Overview

Front and Rear Panels

►II PLAY/PAUSE
– starts/interrupts playback

POWER ON/OFF
– switches the player On or Off

■ STOP
– stops playback

Progressive Scan
– Switchs to progressive scan
or interlaced scan

►►I NEXT
– goes to next chapter or track

Disc tray

I◄◄ PREV
– goes to previous chapter or track

DISPLAY
– shows the current status of the player

▲ OPEN/CLOSE
– opens/closes the disc tray

AC Cord
– connect to AC power

Optical & Coaxial output
– connect to a receiver with
optical & coaxial inputs

Video out (Y PB PR)
– connect to a TV with component video
inputs

AUDIO OUT (Left/Right)
– connect to AUDIO inputs of an
amplifier, receiver or stereo system

Video out (CVBS)
– connect to a TV with CVBS inputs

Video out (S-Video)
– connect to a TV with S-Video inputs

Caution: Do not touch the inner pins of the jacks on the rear panel. Electrostatic discharge may cause permanent damage to the unit.

7

Functional Overview

Remote Control

RETURN / TITLE
– go back to previous menu / show title menu

DISC MENU
– access menu of a DVD disc /switch PBC on/off for VCD disc

◀ ▶ ▲ ▼
– select an item in the menu/ fast forward/backward, slow forward/backward

OK
– acknowledge menu selection

I◀◀
– go to a previous chapter or track

STOP (■)
– stops playback

PLAY (▶)
– starts playback

PAUSE (II)
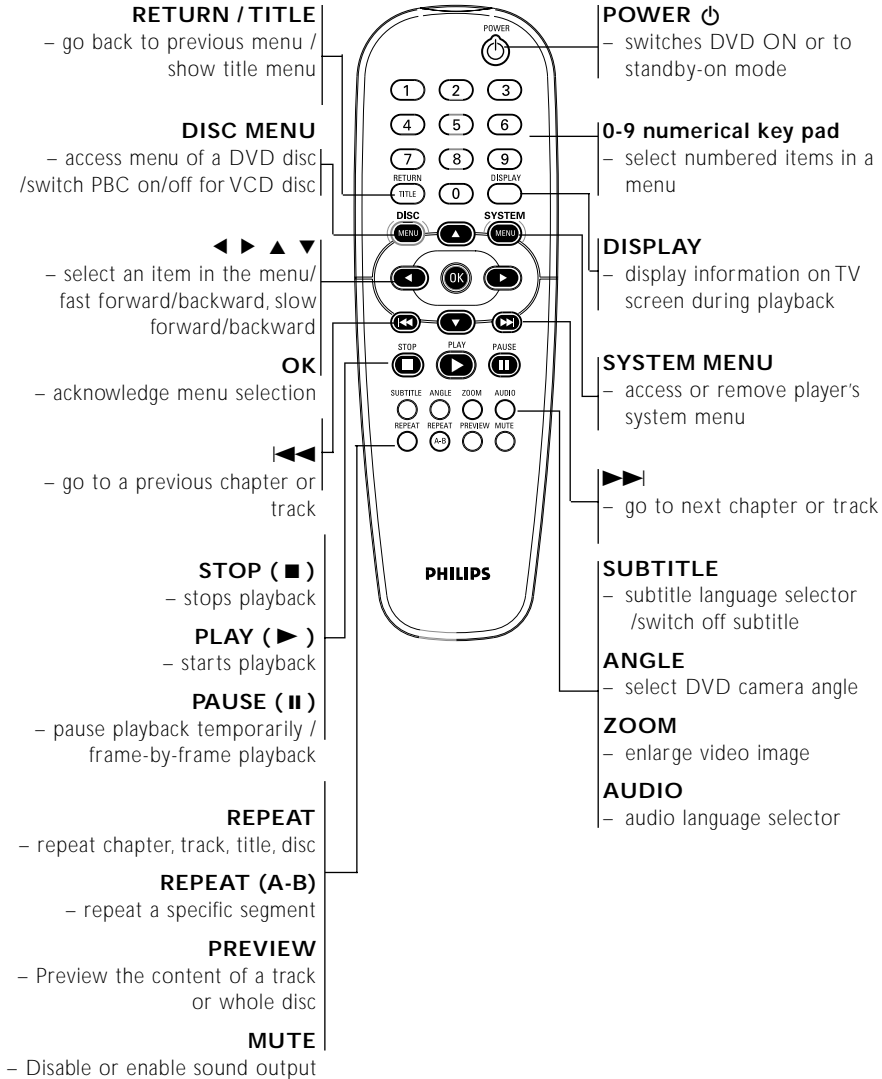– pause playback temporarily / frame-by-frame playback

REPEAT
– repeat chapter, track, title, disc

REPEAT (A-B)
– repeat a specific segment

PREVIEW
– Preview the content of a track or whole disc

MUTE
– Disable or enable sound output

POWER ⏻
– switches DVD ON or to standby-on mode

0-9 numerical key pad
– select numbered items in a menu

DISPLAY
– display information on TV screen during playback

SYSTEM MENU
– access or remove player's system menu

▶▶I
– go to next chapter or track

SUBTITLE
– subtitle language selector /switch off subtitle

ANGLE
– select DVD camera angle

ZOOM
– enlarge video image

AUDIO
– audio language selector

Note:
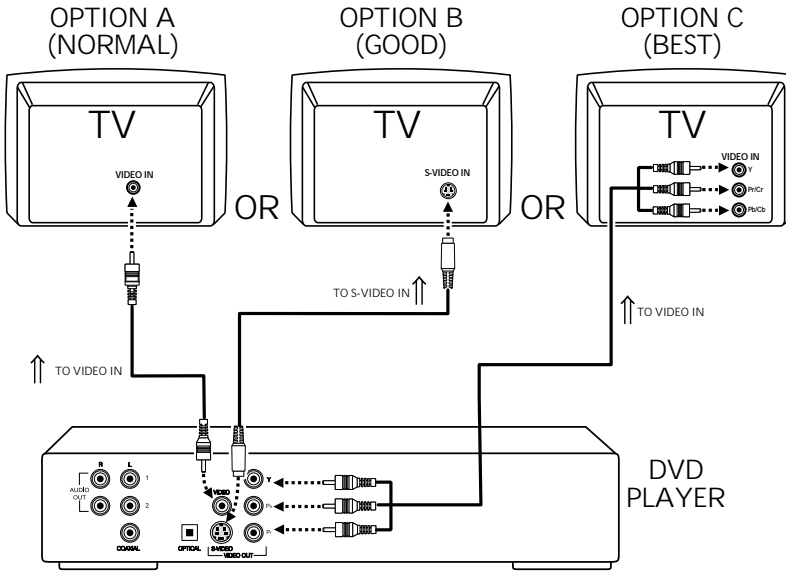*Press digit "1" for about 2 seconds to OPEN or CLOSE disc tray.*

8

Basic Connections

● Please refer to the instruction books of your TV, VCR, Stereo System or other devices as necessary to make the best connections.

Video Connections

● Make one of the following connections, depending on the capabilities of your existing equipment.

The following guidelines are options for the best picture and sound quality available on your DVD player.

OPTION A (NORMAL)

TV

VIDEO IN

OR

OPTION B (GOOD)

TV

S-VIDEO IN

OR

OPTION C (BEST)

TV

VIDEO IN
Y
Pr/Cr
Pb/Cb

TO S-VIDEO IN

TO VIDEO IN

TO VIDEO IN

DVD PLAYER

R L
AUDIO OUT 1
2
COAXIAL   OPTICAL S-VIDEO VIDEO OUT

Connecting to a TV

If your TV has a CVBS Video input connector,

● Connect the CVBS VIDEO OUT on the DVD player to the CVBS VIDEO IN *(cable supplied).*

If your TV has a S-Video input connector,

● Connect the S-Video OUT on the DVD player to the S-Video IN (not supplied).

If your TV has a Component video (Y/PB/PR) input connector,

● Connect the Y/PB/PR VIDEO OUT on the DVD player to the corresponding connector on the TV using the component video cable (not supplied).

Caution: Component video and S-video can not work at the same time, so you have to set one of them to be active by the such way as shown on the chapter [Video output].

Warning!
– Never make or change connections with the power switched on.
– Connect the DVD player directly to your TV, instead of eg. a VCR, to avoid distortion because DVD video discs are copy protected.
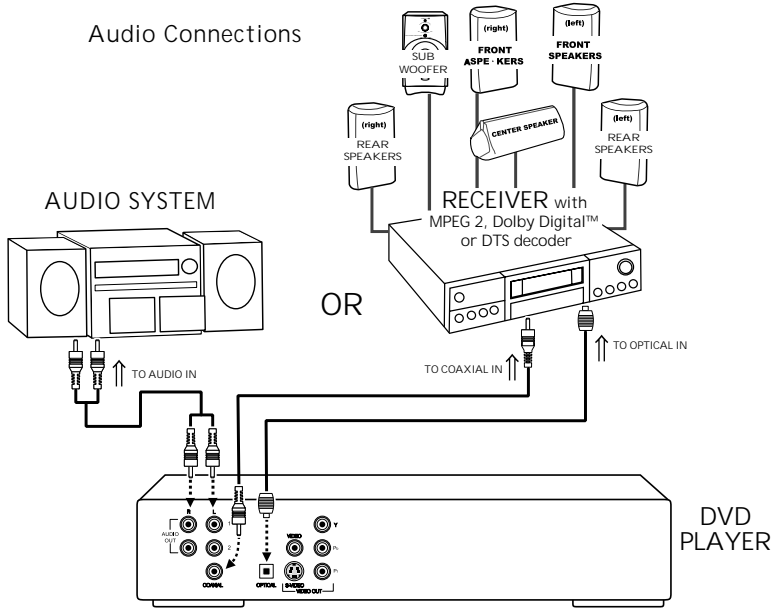**– Do not connect the DVD player AUDIO OUT to PHONO IN of your player.**

9

Preparation

Sound

1 Digital audio connections provide the clearest sound. Connect one of the DVD player's DIGITAL AUDIO OUT (COAXIAL or OPTICAL) to your amplifier or receiver.

2 If digital connections are not possible, connect the DVD player's red and white AUDIO OUT to your amplifier, receiver, stereo or TV.

Connecting to a Audio System

1 You can also listen to the sound of audio CDs and DVD video discs by connecting to an optional stereo systems.

2 Connect the Left and Right AUDIO OUT on the DVD player to the Left and Right AUDIO IN on the stereo systems.

Audio Connections

SUB WOOFER

(right) FRONT ASPE·KERS

(left) FRONT SPEAKERS

(right) REAR SPEAKERS

CENTER SPEAKER

(left) REAR SPEAKERS

AUDIO SYSTEM

RECEIVER with MPEG 2, Dolby Digital™ or DTS decoder

OR

TO AUDIO IN

TO COAXIAL IN

TO OPTICAL IN

AUDIO OUT

COAXIAL

OPTICAL S-VIDEO VIDEO OUT

VIDEO

Y Pb Pr

DVD PLAYER

Connecting to Optional Equipment

● A digital component with a built-in MPEG 2, Dolby Digital™ or DTS decoder allows you to enjoy the surround sound while producing the effect of being in a movie theater or a concert hall.

If your receiver has a Dolby Digital™, MPEG 2 or DTS decoder, Connect to A/V receiver with digital coaxial or optical cable

● Connect the DIGITAL COAXIAL AUDIO OUT of the DVD player to the corresponding input on the receiver using the normal audio or video cable supplied.

Notes:
– If the audio format of the digital output does not match the capabilities of your receiver, the receiver will produce a strong, distorted sound or no sound at all.
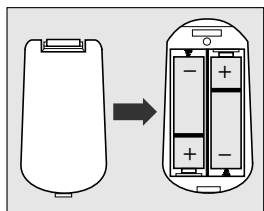
10

Inserting batteries into the Remote Control

1 Open the battery cover.
2 Insert batteries with the correct polarity as indicated by the $+$ and $-$ symbols inside the battery compartment.
3 Close the cover.

Notes:
– AUTO can only be selected when using a TV that has both the NTSC and PAL systems.
– Slight picture distortions may occur due to this conversion. This is normal. Thus, the AUTO format is most suitable for the best picture quality.

Switching On

1 Switch on the TV and DVD player.
2 Set the TV to the correct Video IN channel. (eg. EXT1, EXT2, AV1, AV2, AUDIO/VIDEO, etc. Please refer to to your TV owner's manual for detail)
→ The player display lights and the default screen appears on the TV.
3 If you are using an external equipment (eg. audio system or receiver), turn them on and select the appropriate input source that was used to connect to the DVD player output. Refer to the equipment owner's manual for detail.

Note:
*   If TV set has Progressive Scan video input, Please connect the component video cables between DVD player and TV set for best video performance, then*
– Press PROGRESSIVE SCAN on the front panel to select progressive scan mode.
– The DVD player will reboot when you switch between progressive scan and interlaced scan by pressing PROGRESSIVE SCAN key on the front panel.

CAUTION!
– Remove batteries if they are exhausted or not to be used for a long time.
– Do not use old and new or different types of batteries in combination.
– Batteries contain chemical substances, so they should be disposed off properly and kept away from children.

Using the Remote Control

● Direct the remote control at the remote sensor of the DVD player.
● Do not drop or give the remote control a shock.
● Do not leave the remote control near extremely hot or humid place.
● Do not spill water or put anything wet on the remote control.

NTSC/PAL Conversion

This player is equipped with a NTSC/PAL conversion feature to convert the video output of the disc to match your TV system. The conversions supported are as below:

Disc		Output format		
Type	**Format**	**Selected mode**		
		NTSC	**PAL**	**AUTO**
DVD	NTSC	NTSC	PAL	NTSC
	PAL	NTSC	PAL	PAL
VCD	NTSC	NTSC	PAL	NTSC
	PAL	NTSC	PAL	PAL

11

Operation

Basic Playback

1 Press POWER ON/OFF on the front panel.
2 Press OPEN/CLOSE on the front panel to open disc loading tray.
3 Place the chosen disc in the tray, with the label facing up.
4 Press OPEN/CLOSE again to close the tray.
➔ After recognizing this disc the player begin to playback automatically.
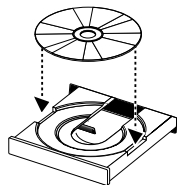
Notes:
– DVDs may have a region code. Your player will not play discs that have a region code different from the region code of your player.
– If 'Disc Lock' is set to LOCK and the disc inserted is not authorized, the 4-digit code must be entered and/or the disc must be authorized (see 'Disc Lock').

General operation

Video control during playback
STOP DVD VCD CD SVCD

1 You can resume the play from the point at which you stopped last time, if you just press the STOP key once. It will start from the beginning if you press the STOP key twice to stop playback.

PAUSE/STEP DVD VCD CD SVCD

1 To get a still picture, press PAUSE key during playback.
2 To step forward to the next frame picture, press PAUSE key again.
3 To resume normal playback, press PLAY.

SEARCH DVD VCD CD SVCD

1 To search the contents in fast speed, press the ▶ *or* ◀ for fast forward/backward searching.
2 Press the ◀ *or* ▶ again to increase the speed for searching.
3 Press PLAY to return to the normal playback.

Slow Motion
DVD

1 To get slow motion effect during playback, press ▲ or ▼.
2 Press ▲ or ▼ again, you can get different playback forward/backward speeds.
3 Press PLAY to return to the normal play back.

VCD CD SVCD

1 To get slow motion effect during playback, press ▲.
2 Press ▲ again, you can get different playback forward speeds.
3 Press the PLAY key to return to the normal play back.
NOTE:
- The SLOW BACKWARD function is not available for the Super VCD/VCD/CD disc.

Audio control during playback
MUTE DVD VCD CD SVCD

1 Press the MUTE key to disable the sound output.
2 Press the MUTE key again to remove the mute.

SURROUND SOUND
DVD VCD CD SVCD

The DVD player can reproduce virtual surround sound effect.
1 Press the Display key on the remote control.
2 Press ◀ ▶ to highlight option 3D
3 Press ▲ ▼ to switch it on or off.

12

Audio channel selection
VCD CD SVCD

1 SVCD has two stereo audio channels which are used for playing karaoke or the audio language selection. (for instance, you can choose one channel for only the music background of the song while you play the karaoke.)
2 Press the AUDIO key on the remote control to select the audio channels you want.
3 VCD has only one stereo audio channel, you can select mono left audio channel or mono right audio channel by pressing the AUDIO key on the remote control.

Repeat
DVD
Repeat chapter/title/disc
● To repeat the current chapter, press REPEAT.
● To repeat the current title, press REPEAT a second time.
● To exit Repeat mode, press REPEAT again.

VCD CD
Repeat track/disc
At the state of PBC OFF,
● To repeat the current track, press REPEAT.
● To repeat the entire disc, press REPEAT a second time.
● To exit Repeat mode, press REPEAT again.

Repeat A-B **DVD VCD CD**

DVD-Video Discs: repeat a sequence in a title
Video and Audio CDs: repeat a sequence in a track
1 Press REPEAT A-B at your chosen starting point.
2 Press REPEAT A-B again at your chosen end point.
➜ The repeat sequence begins.
3 To exit the sequence, press REPEAT A-B.

5 Disc Resume
DVD SVCD VCD CD
This player can resume the playback of last 5 discs, which should be unload at stop mode.
1 Load one disc, which is one of last 5 discs.

2 Press PLAY when DVD player is recognizing the disc. if the information of this disc has been stored in the memory of DVD player, it will be played back from the point you stopped last time.

OSD (On-Screen Display)
DVD VCD SVCD
This function will provide some information about your playing disc on the screen.
● Press DISPLAY key on the remote control.

Title Selection
1 Press ◄ ► to highlight option Title number.
2 Press ▲ ▼ to change the title number.
➜ DVD player will playback selected title.

Chapter Selection
1 Press ◄ ► to highlight option chapter number.
2 Press ▲ ▼ to change the chapter number.
➜ DVD player will playback selected chapter.

Time Search
● Press ◄ ► to highlight time display area.
For DVD discs:
➜ CC means the time has been played back of current chapter. CR means the time is remainder of current chapter. TC means the time has been played back of current titile. TR means the time is remainder of current title.
For Super VCD or VCD disc
➜ DC means the time has been played back of the disc. DR means the time is remainder of the disc. TC means the time has been played back of current track. TR means the time is remainder of current track.
● Press the ◄► keys to highlight the item TIME and you can play from any point of the disc.
➜ Enter hours, minutes and seconds from left to right in the time edit box using remote control numerical key pad.(e.g. 0:34:27)
➜ Press the OK key to confirm it.

13

Operation

Zoom DVD   VCD   SVCD

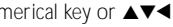The Zoom function allows you to enlarge the video image.

1 Press the ZOOM key to activate the function.
➔ Use the ▲▼◄ ► key to view the rest part of the zoomed picture.
➔ Playback will continue.

2 Press the ZOOM key again to return to the original size.

NOTE: -This function is NOT available for PAL DVD discs or some DVD discs.
-This function is invalid in the Progressive Scan video output mode.

Special DVD Features

Playing a title DVD

A DVD disc may have one or more titles. This depends on the content (a movie, video clips, a drama series, etc) on the disc.

● After you load a disc, information about the content shows on the screen waiting for your selection. Likewise, you can press the TITLE key on the remote control to turn back to the title menu during playback.
➔ Press the appropriate numerical key or ▲▼◄ ► keys on the remote control to highlight your selection.
➔ Press the OK key to confirm it.

Playing a chapter DVD

While you have selected a title, it may include one or more chapters.

● Any time you want to watch another chapter during playback, press DISC MENU key to turn back to the chapter menu(If disc has chapter menu).
➔ Press the appropriate numerical key or ▲▼◄ ► keys on the remote control to highlight your selection.
➔ Press the OK key to confirm it.
➔ After a chapter has been selected, you also can press the I◄◄ *or* ►►I key to make a change.

Camera Angle DVD

Some discs contain scenes which have been shot simultaneously from various angles.
This DVD player allows you to select the desired camera angle.

● pressing the ANGLE key on your remote control.
NOTE: The function is available for the DVD discs which have recorded several angles movie.

Changing the audio language DVD

● Press AUDIO repeatedly to select the different languages.
NOTE: The function is activated, only if the DVD is recorded with multi-languages audio tracks.

Subtitles DVD   SVCD

● Press SUBTITLE repeatedly to select the different subtitles.
● Press SUBTITLE for about 2 seconds to switch subtitle on or off.
NOTE: The function is activated, only if the DVD or SuperVCD is recorded with multi-subtitles.

14

Special VCD & SVCD Features
Playback Control (PBC)
PBC function can make you enter the index menu which is used to select a track after loading the SVCD or VCD disc.

If you want to activate the function,
1 press the DISC MENU key on the remote control to set the PBC On.
➜ Pay attention to the hint on the screen.
2 Use the I◄◄ *or* ►►I key to select the page you like.
➜ If the items of the index menus are numbered, press the appropriate numerical key on the remote control.
➜ press the OK key to confirm.
3 Press the RETURN key to enter the index menu during the play back.

NOTE:
— The content of the index menu depends on the disc. Please refer to the disc's instruction for detail.
— If the disc doesn't include the PBC information, this function will have no effect.

If you want to skip the index menu and playback directly from the beginning,
1 press the DSIC MENU key on the remote control to switch off the function.
➜ For the karaoke discs, even if PBC function is off, you still can use the I◄◄ *or* ►►I key to select the track you like.

Preview function SVCD VCD
At STOP mode, press the PREVIEW key to enter previewing menu.

```
1. INTRO   3. TRACK
2. DISC    4. EXIT
```
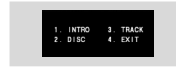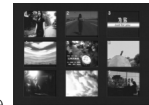
1 **Disc introduction**
Select this function, DVD player will play back every track several seconds with full screen, that makes you understand the content of disc.
- Press the numerical key 1.
- Press OK key to confirm it.
- Press STOP key to quit previewing.

2 **Disc preview**
This function will minify the picture of one track enough to display every nine of these tracks on the full screen which will help you to preview a disc.
- Press the numerical key 2.
- Press OK key to confirm it.
- Select the other tracks beyond this page by pressing the I◄◄ or ►►I key.
- Press the numerical keys to choose the desired track.
- Press the OK key to confirm it.

3 **Track preview**
This function is used to divided a single track into nine parts and display them on the full screen which will help you to preview the selected track.
- Press the numerical key 3.
- Press the OK key to confirm it.
- Preview other tracks, press the I◄◄ or ►►I key.
- Press numerical key to choose the start point.
- Press the OK key to playback the start point.

4 **Quit preview function**
- Press the numberical key 4.
- Press the OK key to exit.

Picture CD & MP3 CD Playback

Function introduction
This player can playback JPEG format pictures and MP3 files as well as being specially compatible with Kodak Photo CD.

Picture CD containing JPEG format pictures with file extentions of 'JPG'. The CD can be burned on every computer, and pictures maybe from digital camera or scanner. If the customers prefer, they may make this CD become a Digital Album.

For playing this Digital Album (picture CD) conveniently, our DVD player can
● Auto playback of pictures on disc one at a time.
● Display a preferred picture.
● Zoom the picture.
● Rotate the picture.
● Flip the picture vertically or horizontally.
● Playback speed control.
● Album and track selection.
● Repeat (disc / album / track / picture).
● Nested directory levels supported to 8 levels.
● Maximum album numbers possible is 32.
● Maximum MP3 Tracks Programmable is 96.

Basic playback
1 Without any disc inserted and "NO DISC" is shown on set, press the SYSTEM MENU key to open the setup menu.
2 Press the ▲ ▼ key to highlight the PREFERENCES item.
3 Press OK to open the PREFERENCES menu.
4 Press the ▲ ▼ to highlight the SMART NAV menu.
5 Press the ▶ key to enter the menu.
6 Press the ▲ ▼ key to highlight the NO MENU or WITH MENU item.
   ➜ NO MENU: playback all images in sequence automatically, and MP3 musics will be played prior to pictures.
   ➜ WITH MENU:playback images in the selected folder.
7 Press the OK key to confirm your selection.

Special functions during playback:

Auto playback
After you open one picture, the player can playback each file in sequence automatically.

Selection playback
1 Press the numerical key to select your favourite file directly.
2 In the JPEG playback menu, press the ◀ ▶ ▲ ▼ key to select the folder you want and press the OK to open it.
3 Press the ◀ ▶ ▲ ▼ key to highlight your favourite file and press the OK key to confirm.

Preview function
1 Press the PREVIEW key at the STOP mode. You will see nine pieces of minified pictures on the screen.
2 Press the ▶▶I or I◀◀ key to display the next or the previous nine-picture-preview.
3 Press the ◀ ▶ ▲ ▼ key to highlight one of them and press the OK to display.

Playback with multi-angles
When displaying one picture on TV screen
● Press the ▲ ▼ ◀ key to get different effects.
   ▲ key: Flip the picture vertically.
   ▼ key: Flip the picture horizontally.
   ◀ key: rotate the picture anti-clockwise.

Playback Speed Control
● Press the ▶ key to adjust the playback speed.

Zoom picture
● Press the ZOOM key to display the picture with different scales.
● Press the ◀ ▶ ▲ ▼ key to view the rest of the zoomed picture.

Note:
If you want to switch between MP3 musics and pictures during automatical playback, please press a valid number as shown on the TV screen after the DVD player indexed the MP3 musics and pictures found in the loaded disc.

16

Basic operations

1 Press SYSTEM MENU in the STOP mode to enter the Setup Menu.

2 Press the OK key to open the next level submenu or confirm your selection.

3 Press the ◄► keys to enter the submenu or return to the previous menu.

4 Press the ▲▼ keys to highlight the desired menu.

5 Press SYSTEM MENU to quit the setup menu.
➜ When you quit the setup menu, the settings will be stored in the player's memory even if the player is switched to power off.
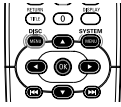
General setup menu

Some settings are needed in this menu. they are: DISC LOCK, PROGRAM, OSD LANGUAGE and SCREEN SAVER and VFD Dim.
Follow the steps below:

1 Press the SYSTEM MENU key to enter the setup menu.

2 Press the ▲▼ keys to choose the GENERAL SETUP menu.

3 Press the OK key to confirm selection.

Disc lock

When the disc is locked, the player will store its typical code into the memory
for the future identification. For the next playback, the DVD player will prompt to enter
the password.

1 Press the ▲▼ keys to highlight the DISC LOCK item in the GENERAL SETUP menu.

2 Enter its submenu by pressing the ► key.
- LOCK: Lock the disc being played.
- UNLOCK: unlock the disc.

3 Press the ◄ key to return to the GENERAL SETUP menu.

NOTE:
1. When playback a locked disc, the DVD player will prompt to enter your password or 3308 (default) password.
2. To change the password , refer to the option PASSWORD in the PREFERENCES menu .

Program (not available for DVD discs)

1 To choose the PROGRAM item, press the ▲▼ keys.

2 Press the ► key to move the cursor to the field of the submenu to choose the item ON.
➜ ON: Enter the PROGRAM item.

3 Press OK to enter the program page.

Input your favorite track

1 Input valid track number by pressing the numerical keys.

2 Press the ◄►▲▼ keys to move the cursor to the next selected position.

3 Repeat the steps above to input another track number until the whole program is completed.

Exclude a track

1 Press the ◄►▲▼ keys to move the cursor to track you want to exclude.

2 Input an invalid track number to cancel this track.

Cancel all tracks

1 Press the ◄►▲▼ keys to move the cursor to the CLEAR button.

2 Press OK, all tracks will be cancelled.

3 Now you can input your favorite tracks again.

Playback tracks

When programing is completed,

1 Press the ◄►▲▼ keys to move the cursor to the PROG button.

2 Press OK.
➜ DVD player will playback the selected program under the programed sequence.

Stop the program playback

At the PROGRAM page, When programing is completed,

1 Press the ◄►▲▼ keys to move the cursor to the QUIT button.

2 Press the OK key to quit this menu.

English

17

Setup Menu

OSD language
There are three options available for information display on TV screen.
1. Press the ▲▼ keys to highlight OSD LANG in the GENERAL SETUP menu.
2. Enter its submenu by pressing the ▶ key.
3. Move the cursor by pressing the ▲▼ keys to highlight the selected item.
4. Press the OK key to confirm.
5. Press the ◀ key to return to the GENERAL SETUP menu.

Screen saver
This function is used to turn on or off the screen saver.
1. Press the ▲▼ keys to highlight SCR SAVER in the GENERAL SETUP menu.
2. Enter its submenu by pressing the ▶ key.
3. Move the cursor by pressing the ▲▼ keys to highlight the selected item.
   → ON: At STOP mode, if nothing is happened within 5~6 minutes, screen saver will turn on.
   → OFF: Screen saver is disable.
4. Press OK to confirm.
5. Press the ◀ key to return to the GENERAL SETUP menu.

Speaker setup page
This menu contains setup options of your speaker system, such as DOWNMIX, D.R.C.(Dynamic Range Compression),
1. Press SYSTEM MENU.
2. Press the ▲▼ keys to highlight the SPEAKER SETUP item.
3. Press OK to confirm.

DOWNMIX mode
1. Press the ▲▼ keys to highlight the DOWNMIX item.
2. Enter its submenu by pressing the ▶ key.
3. Move the cursor by pressing the ▲▼ keys to highlight the selected item.
● LT/RT
   → This item will be used only if your DVD player is connected with Dolby Prologic decoder. Meanwhile, the DVD player can send the output of Dolby Prologic signals.
● STEREO
   → This item will help to downmix the signal of Dolby Digital into stereo signals directly outputing from L/R port.
4. Press OK.
5. Press the ◀ key and return to the SPEAKER SETUP menu.

D.R.C. (Dynamic Range Compression)
DVD player will compress dynamic range of sound effect output, when you do not want to disturb your neighbours and your famliy in midnight.
1. Press the ▲▼ keys to highlight D.R.C.,
2. Enter its submenu by pressing the ▶ key.
3. Move the cursor by pressing the ▲▼ keys to highlight the selected item.
   → ON: Enable D.R.C.
   → OFF: Disable D.R.C.
4. Press OK.
5. Press the ◀ key to return to the SPEAKER SETUP menu.

18

SPDIF setup

In this menu, you can set up digital audio format outputing from coaxial and optical terminals.

1 Press SYSTEM MENU to enter the SETUP menu.
2 Press the ▲▼ keys to choose the SPDIF SETUP menu.
3 Press OK.

NOTE:
SPDIF is the abbreviation of Sony Philips Digital Interface which is a protocol of digital data transfering.

SPDIF OUT setup

1 Press the ▲▼ keys to highlight the SPDIF OUT item.
2 Enter its submenu by pressing the ▶ key.
3 Press the ▲▼ keys to highlight the selected item.
   ➔ RAW: Original digital signals output.
   ➔ PCM: Convert to PCM signals to output.
4 Press OK.
5 Press the ◀ key and return to the SPDIF SETUP menu.
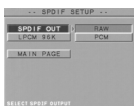
LPCM 96K mode

In this menu, you can set up sampling rate to decode LPCM audio.

1 Press the ▲▼ keys to highlight the LPCM 96K item.
2 Enter its submenu by pressing the ▶ key.
3 Move the cursor by pressing the ▲▼ keys to highlight the selected item.
   ➔ ON: Detect the loading disc for appropriate sampling rate.
   ➔ OFF: The decoding process is under the sampling rate of 48KHz.
4 Press OK.
5 Press the ◀ key to return to the SPDIF SETUP menu.

Video Out Setup

There are items included in VIDEO OUT PAGE menu as TV DISPLAY, VIDEO OUTPUT, TV TYPE, PICTURE SOURCE, PROGRESSIVE SCAN, BRIGHTNESS.

1 Press STOP twice.
2 Press SYSTEM MENU to enter its menu.
3 Highlight the SETUP VIDEO OUTPUT item by pressing the ▲▼ keys.
4 Press OK.

Video output

In this menu, you can setup the video output for high quality video performance.

1 Press the ▲▼ keys to highlight VIDEO OUTPUT in the VIDEO OUTPUT PAGE menu.
2 Press the ▶ key to highlight the item of the submenu.
3 Press the ▲▼ keys to choose an item.
   ➔ S-VIDEO: Video signals will send an output from the S-VIDEO on the rear panel of the DVD player.
   ➔ YPBPR: If your TV set is equiped with Y/PB/PR input, you can choose for high quality picture.
4 Press OK.
5 Press the ◀ key to return to the VIDEO OUTPUT PAGE menu.
   NOTE: Any selection will not influence the signal output of composite video.

19

Setup Menu

TV display

Select the aspect ratio of the TV to be connected.

16:9 ➜ when you connect a wide-screen TV to the DVD player.

4:3 NORMAL/LB ➜ when you connect a normal TV to the DVD player. Displays a wide picture with bands displayed on the upper and lower portions of the TV screen.

4:3 NORMAL/PS ➜ when you connect a normal TV to the DVD player. Displays the wide picture on the whole TV screen with a portion automatically cut off.

WIDE (16:9)

4:3 NORMAL/LB

4:3 NORMAL/PS
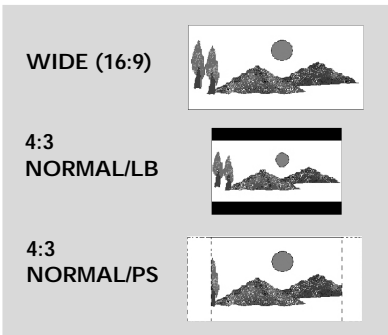
Setup the item as follows,

1 Press the ▲▼ keys to highlight the TV DISPLAY item in the VIDEO OUTPUT PAGE menu.

2 Enter its submenu by pressing the ▶ key.

3 Move the cursor by pressing the ▲▼ keys to highlight the selected item.

4 Press OK.

5 Press the ◀ key to return to the VIDEO OUTPUT PAGE menu.

TV type

Before viewing the DVD or VCD, ensure that the PAL or NTSC setting of the system matches your TV set.

1 Press the ▲▼ keys to highlight TV TYPE in the VIDEO OUTPUT PAGE menu.

2 Enter its submenu by pressing the ▶ key.

3 Move the cursor by pressing the ▲▼ keys to highlight the requisite item.

4 Press OK.

5 Press the ◀ key to return to the VIDEO OUTPUT PAGE menu.

NOTE: Choosing NTSC item indicates that the player will output by NTSC system, Similarly, you can sacquire PAL system by choosing the PAL item. And the item MULTI means video output is depending on the format of DVD or VCD discs.

Picture Source

For some DVD discs, DVD player may not recognize properly if the disc type is progressive or not, you'd better to select the correct disc type manually for best video performance.

1 Press the ▲▼ keys to highlight the PIC SOURCE item in the VIDEO OUTPUT PAGE menu.

2 Enter its submenu by pressing the ▶ key.

3 Move the cursor by pressing the ▲▼ keys to highlight the selected item.

➜ AUTO: playback the disc automatically.

➜ FILM: the DVD disc is progressive

➜ VIDEO: the DVD disc is interlaced

4 Press OK.

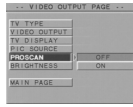**5** Press the ◀ key to return to the VIDEO OUTPUT PAGE menu.

20
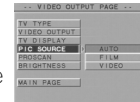
Progressive Scan

This menu indicates the video output status whether it is progressive scan or not.

1 Press the ▲▼ keys to highlight the PROSCAN item in the VIDEO OUTPUT PAGE menu.

2 Press OK.

To select the progressive scan mode to output video signals for best video performance, first, be sure you have connected the component video cables between DVD player and TV set.

● Press PROGRESSIVE SCAN on the front panel to select progressive scan mode or not.

Brightness

1 Press the ▲▼ keys to highlight BRIGHTNESS in the VIDEO OUTPUT PAGE menu.

2 Press the ▶ key to highlight the item of the submenu.

3 Press the ▲▼ keys to adjust the brightness level.

4 Press OK.

5 Press the ◀ key to return to the VIDEO OUTPUT PAGE menu.

Preferences setup

There are items included in PREFERENCES menu as AUDIO, SUBTITLE,
DISC MENU, PARENTAL, PASSWORD,
DEFAULT and SMART NAV.

1 Press the STOP key twice.

2 Press SYSTEM MENU to enter its menu.

3 Highlight the PREFERENCES item by pressing the ▲▼ keys.

4 Press OK to confirm your selection.

Audio language

DVD discs are available for multiple audio languages. Use this item to choose your preferred default audio language.

1 Press the ▲▼ keys to highlight the AUDIO item.

2 Enter its submenu by pressing the ▶ key.

3 Move the cursor by pressing the ▲▼ keys to highlight the selected item.

4 Press OK.

5 Press the ◀ key to return to the PREFERENCES menu.

NOTE: Your DVD disc may not include the audio language which you set in the SETUP menu. If so, the player will use other audio language instead.

Subtitle language

DVD discs are available for multi-subtitle language. This item is used to choose default subtitle language.

1 Press the ▲▼ keys to highlight the SUBTITLE item.

2 Enter its submenu by pressing the ▶ key.

3 Move the cursor by pressing the ▲▼ keys to highlight the selected item.

4 Press OK.

5 Press the ◀ key to return to the PREFERENCES menu.

NOTE: Your DVD disc may not include the subtitle which you set in the SETUP menu. If so, the player will use other audio language and subtitle instead.

21

Setup Menu

Disc menu language
DVD discs are available for multiple disc menu languages. This item is used to choose default disc menu language.

1 Press the ▲▼ keys to highlight the DISC MENU item.
2 Enter its submenu by pressing the ▶ key.

```
-- PREFERENCES PAGE --
AUDIO
SUBTITLE
DISC MENU        ENGLISH
PARENTAL         CHINESE
PASSWORD         FRENCH
DEFAULTS         SPANISH
SMART NAV        JAPANESE

MAIN PAGE
PREFERENCE MENU LANGUAGE
```

3 Move the cursor by pressing the ▲▼ keys to highlight the selected tem.
4 Press OK.
**5** Press the ◀ key to return to the PREFERENCES menu.

NOTE: If your DVD disc doesn't include disc menu language you have set, the player will use other recorded language instead.

Password
This password is used for the parental control and disc lock. Enter your password when you are required by the DVD player.

1 Press the ▲▼ keys to highlight the PASSWORD item.

```
-- PREFERENCES PAGE --        PASSWORD CHANGE PAGE
AUDIO
SUBTITLE                      OLD PASSWORD   XXXX
DISC MENU                     NEW PASSWORD   XXXX
PARENTAL                      CONFIRM PWD    XXX
PASSWORD    CHANGE
DEFAULTS
SMART NAV

MAIN PAGE
CHANGE PASSWORD               PLEASE REENTER NEW PASSWORD
```

2 Enter its submenu by pressing the ▶ key.
3 Move the cursor by pressing the ▲▼ keys to highlight the selected item, then press OK.
4 Enter the current 4 digit code.
5 If successful, the player will prompt for a new one.
6 After that, enter the new password again to reconfirm.
7 Press the PLAY key to return to the PREFERENCES menu.
➜ The new 4 digit code will take effect.
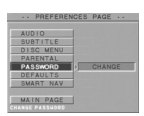
NOTE:
1. You can change the setup of parental control and disc lock with a recognise password being entered.
2. If you forget the password, you can enter the default password 3308 and replace your password after logging on.

Parental Control DVD

Movies on DVDs may contain scenes not suitable for children. Therefore, discs may contain 'Parental Control' information which applies to the complete disc or to certain scenes on the disc. These scenes are rated from 1 to 8, and alternative, more suitable scenes are available on the disc. Ratings are country dependent. The 'Parental Control' feature allows you to prevent discs from being played by your children or to have certain discs played with alternative scenes.

● VCD, SVCD, CD has no level defination, so parental control function has no effect on those kinds of discs as well as most of illegal DVD discs.
● You can follow the steps below to setup the parental control:

1 Press the ▲▼ keys to highlight the PARENTAL item.
2 Move to its submenu by pressing the ▶ key.

```
-- PREFERENCES PAGE --
AUDIO          1 G
SUBTITLE       2
DISC MENU      3 PG
PARENTAL       4 PG 13
PASSWORD       5
DEFAULTS       6 PG-R
SMART NAV      7 NC-17
               8 ADULT
MAIN PAGE    NO PARENTAL
SET PARENTAL CONTROL
```

3 Then use the ▲/▼ keys to highlight a rating from 1 to 8 for the disc inserted.
4 Press OK to confirm, then press the ◀ key to return to the PREFERENCES menu.
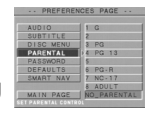
No Parental Control
Parental Control is not activated. The Disc will be played in full.
1 Select NO PARENTAL item.
2 Press OK.

Ratings 1 to 8:
The disc contains scenes not suitable for children. If you set a rating for the player, all scenes with the same rating or lower will be played. Higher rated scenes will not be played unless an alternative which has the same rating or lower is available on the disc. If no suitable alternative is found, playback will stop and the 4-digit code has to be entered.
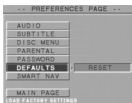
22

Default setup

If some problems occur during setting DVD, the item DEFAULT is used to reset all items to factory default and all your personal setting will be erased.

1 Press the ▲▼ keys to highlight the DEFAULT item.

**2** Enter its menu by pressing the ▶ key.

3 Press OK.

NOTE: When this function is executed, all setups will be reset to factory defaults.

Smart Navigator

In this menu, it contains of the setting when you playback picture CD and MP3 CD.

1 Press the ▲ ▼ to highlight the SMART NAV menu.

2 Press ▶ to enter the menu.

3 Press ▲ ▼ to highlight the NO MENU or WITH MENU item.
➜ NO MENU: playback all images or MP3 musics in sequence automatically
➜ WITH MENU: playback images or MP3 musics in the selected folder.

4 Press the OK key to confirm your selection
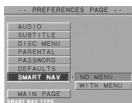
Specifications

PLAYBACK SYSTEM

DVD Video
Video CD & SVCD
CD
PICTURE CD
MP3-CD
CD-R, CD-RW

VIDEO PERFORMANCE

* CVBS	1Vpp --- 75Ω	
* S-VIDEO	Y: 1.00Vpp --- 75Ω	
	C: 0.30Vpp --- 75Ω	
* Component video	Y: 1.00Vpp --- 75Ω	
	PB: 0.7Vpp --- 75Ω	
	PR: 0.7Vpp --- 75Ω	

AUDIO FORMAT

Digital	Mpeg/ AC-3/ DTS	compressed Digital
	PCM	16, 20, 24 bits
		fs, 44.1, 48, 96 kHz
	MP3(ISO 9660)	24, 32, 56, 64, 96, 128,
		256 kbps & variable
		bit rate fs, 16, 22.05,
		24, 32, 44.1, 48 kHz

Analog Sound Stereo
Full decoding of Dolby Digital multichannel surround sound

AUDIO PERFORMANCE

DA Converter	24bit	
Signal-Noise (1KHz)	90dB	
Dynamic range(1KHz)	>80dB	
DVD	fs 96 kHz	4Hz- 44kHz
	fs 48 kHz	4Hz- 22kHz
SVCD	fs 48 kHz	4Hz- 22 KHz
	fs 44.1kHz	4Hz- 20kHz
CD/VCD	fs 44.1kHz	4Hz- 20kHz

TV STANDARD (PAL/50Hz) (NTSC/60Hz)

	(PAL/50Hz)	(NTSC/60Hz)
Number of lines	625	525
Playback	Multistandard	(PAL/NTSC)

CONNECTIONS

Component Video Output	Cinch
S-Video Output	Mini DIN 4-pins
Video Output	Cinch
Audio Output	Cinch
Digital Output	1 coaxial / optical
	IEC958 for CDDA / LPCM/ MPEG1
	IEC1937 for MPEG 2, Dolby
	Digital and DTS

CABINET

Dimensions (w x d x h)	435 x 286 x 75 mm
Weight	Approximately 3.8 Kg

***Specifications subject to change without prior notice***

Maintenance

Cleaning the Cabinet
● Use a soft cloth slightly moistened with a mild detergent solution. Do not use a solution containing alcohol, spirits, ammonia or abrasives.

Cleaning Discs
● When a disc becomes dirty, clean it with a cleaning cloth. Wipe the disc from the center out. Do not wipe in a circular motion.
● Do not use solvents such as benzine, thinner, commercially available cleaners, or antistatic spray intended for analog records.

24
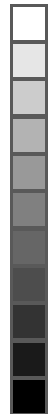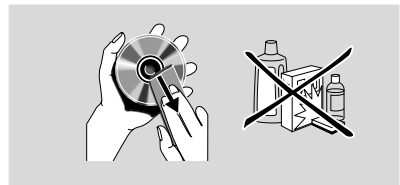
WARNING
Under no circumstances should you try to repair the system yourself, as this will invalidate the warranty. Do not open the system as there is a risk of electric shock.

If a fault occurs, first check the points listed below before taking the system for repair. If you are unable to remedy a problem by following these hints, consult your dealer or service center.

Problem	Solution
No power	– Check if the AC power cord is properly connected.
No picture	– Check if the TV is switched on. – Check the video connection.
Distorted picture	– The disc is badly scratched or dirty. – Sometimes a small amount of picture distortion may appear .This is not a malfunction.
Completely distorted picture or black/white picture with DVD or Video CD	– Make sure the NTSC/PAL setting at the DVD player matches the video signal of your television. (See NTSC/PAL Conversion)
No sound or distorted sound	– Adjust the volume. – Check that the speakers are connected correctly.
No audio at digital output	– Check the digital connections. – Check the settings menu to make sure the digital output is set to ALL or PCM. – Check if the audio format of the selected audio language matches your receiver capabilities.
Disc can't be played	– Ensure the disc label is facing up. – Check if the disc is defective by trying another disc.
No return to start-up screen when disc is removed	– Reset the unit by switching the player off, then on again.
The player does not respond to the remote control	– Aim the remote control directly at the sensor on the front of the player. – Reduce the distance to the player. – Replace the batteries in the remote control. – Insert the batteries with their polarities (+/– signs) as indicated.
Buttons do not work	– In order to completely reset the player, unplug the AC cord from the AC outlet.
Player does not respond to some operating commands during playback.	– Operations may not be permitted by the disc. Refer to the instructions of the disc.
DVD Video player cannot read CDs/DVDs	– Use a commonly available cleaning CD/DVD to clean the lens before sending the DVD Video player for repair.

25