DVD/SuperVCD/VCD/CD Player

DVD**762K**

DVD

Instructions For Use

Let's make things better.

PHILIPS

General Information

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.

Manufactured under license from Dolby Laboratories. "Dolby and the double-D symbol are trademarks of Dolby Laboratories. Confidential Unpublished Works. © 1992-1997 Dolby Laboratories, Inc. All rights reserved.

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" DTS " and " DTS DIGITAL SURROUND " are registered trademarks of Digital Theater Systems, Inc.

NOTE:
PICTURES SHOWN MAY BE DIFFERENT BETWEEN COUNTRIES.

NEVER MAKE OR CHANGE CONNECTIONS WITH THE POWER SWITCHED ON.

CAUTION
VISIBLE AND INVISIBLE RADIATION WHEN OPEN AVOID EXPOSURE TO BEAM (WARNING LOCATION: ON THE BACKPLATE OF SET)

The region code for **Singapore** & **Taiwan Region** is 3
The apparatus type is DVD762K/69X

The region code for **Australia & New Zealand** is 4
The apparatus type is DVD762K/75X

Since DVD movies are released a 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 into your player, you will see the region code notice on the screen. The disc will not play and should be unloaded.

For Customer Use:
Read carefully the information located at the bottom of your DVD Video player and enter below the Serial No. Retain this information for future reference.

Model No. DVD VIDEO 762K   Serial No._____

Contents

Entertainment for the new millennium

Video was never like this before! Digital video discs provide perfect digital, studio-quality pictures; three dimensional digital, multi-channel audio; story sequences screened from your choice of camera angle; sound tracks in as many as eight languages; and up to 32 subtitles (if available on disc). Whether you watch DVD-Video on wide-screen or regular TV, you always see it the way it was meant to be.

Digital video

DVD-Video uses state-of-the-art MPEG2 data compression technology to register an entire movie on a single 5-inch disc. DVD's variable bitrate compression, running at up to 9.8 Mbits/second, captures even the most complex pictures in their original quality.

The crystal-clear digital pictures have a horizontal resolution of over 500 lines, with 720 pixels (picture elements) to each line. This resolution is more than double that of VHS, superior to Laser Disc, and entirely comparable with digital masters made in recording studios.

DVD-Video discs conform to either the PAL or NTSC video standard.

This player can play both PAL and NTSC discs, presenting them in the best possible way on your multi-standard TV screen.

As the universal video system of the future, DVD-Video offers optimal pictures on any TV screen.

Introduction

Your Philips DVD-Video player will play digital video discs conforming to the universal DVD-Video standard. With it, you will be able to enjoy full- length movies with true cinema picture quality, as well as stereo or multi-channel sound (depending on the disc and your playback setup).

The unique features of DVD-Video, such as selection of sound track, subtitle languages and different camera angles (again depending on the disc), are all included. What's more, Philips Child Lock lets you decide which discs your children will be able to see. You will find the On-Screen Display, player display, and remote control make the player easy to use. This manual provides all the information you will need, so read on!

DVD-Video

You will recognize DVD-Video discs by the logo shown on left.

Depending on the material on the disc (a movie, video clips, a drama series, etc.) the disc may have one or more Titles. Each title may have one or more chapters. To make playback easy and convenient, your player lets you select titles and playback chapters.
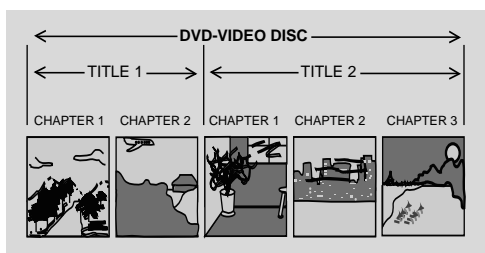
Introduction

Video CD

You will recognize Video CDs by the logo shown on left.

Depending on the material on the disc (a movie, video clips, a drama series, ect) the disc may have one or many tracks. Tracks may have one or more indexes, as indicated on the disc case. To make playback easy and convenient, your player lets you select tracks and indexes.

Some Video CDs have Play Back Control (PBC), which is a predefined playback sequence stored on the disc.

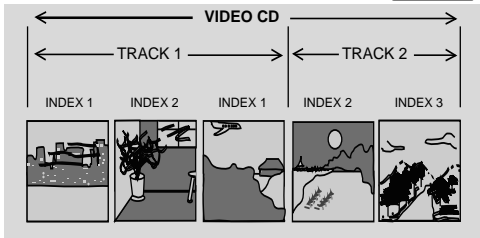## Super VCD

Super VCD discs are based on the super VCD 1.0 Standard, refering to the Standard of the Information Industry Department of the People's Republic of China.

Audio CD

Audio CDs contain music tracks only.

You will recognize Audio CDs by their logo which is shown on left.

You can play them in conventional style through a stereo system, using the keys on the remote control and/or front panel, or via the TV using the On-Screen Display (OSD).

You can play audio CDs using the OSD or, through a stereo system only, using keys on the remote control and/or front panel.

Unpacking

First check and identify the contents of your DVD-Video player package.
You should have the following items.
- DVD-Video player
- Remote Control with batteries
- Audio/video cable
- AC cord
- Instructions for use

If any item is damaged or missing, contact your retailer or Philips.
Keep the packaging materials; you may need them to transport your player in the future.
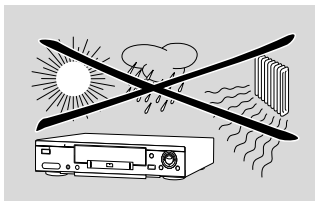
Placement

- Place the player on a firm, flat surface.
- Keep the player away from domestic heating equipment an direct sunlight.
- In a cabinet, allow about 2.5cm (1 inch) of free space all around the player for adequate ventilation.
- The lens may cloud over when the DVD-Video player is suddenly moved from cold to warm surroundings. Playing a CD/DVD is not possible then.
Leave the DVD-Video player in a warm environment until the moisture evaporates.
- To view the typeplate, please refer to the bottom of the player.

Front panel

POWER ON/OFF

- Switch the player to on/off mode

Standby indicator

- Light up when the player is in standby mode

DISPLAY

- Show the current status of the player

■ **STOP**

►►I - **NEXT** title/chapter/track

I◄◄ - **PREV** title/chapter/track

II **PAUSE**

▲ **OPEN/CLOSE**

- Open/close the disc tray

SOUND

- Switch on/off surround sound

Disc tray

Headphone volume control

Headphone socket

MIC 2 volume control for karaoke

MIC 1 volume control for karaoke

MIC socket 2 for karaoke

MIC socket 1 for karaoke

Functional overview

Rear panel

Video out jack (S-Video)

- Connect to a TV with S-video (Y/C) inputs

Video out jack (CVBS)

- Connect to a TV with CVBS video inputs

Video out jack (Y/CB/CR)

- Connect to a TV with Y/CB/CR video inputs

Subwoofer signal out jack

- Connect to an amplifier, receiver or stereo system

Surround speaker signal out jack

- Connect to an amplifier, receiver or stereo system

Front speaker signal out jack

- Connect to an amplifier, receiver or stereo system

Audio out L/R (Left/Right)

- Connect to an amplifier, receiver or stereo system

Digital Audio out jack (optical)

- Connect to digital equipment

Digital Audio out jack (coaxial)

- Connect to digital equipment

Mains socket

- Connect to the AC cord

Center speaker signal out jack
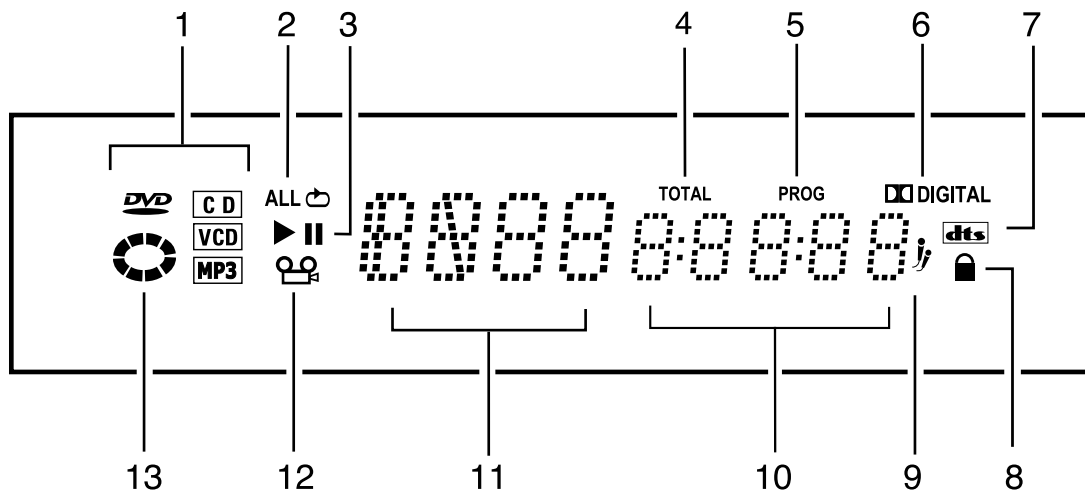
- Connect to an amplifier, receiver or stereo system

CAUTION:

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

Display

① Category of discs

② Repeat playback hint

③ Play/Pause

④ The whole time of the current disc

⑤ Playback under your favorite sequence

⑥ DVD disc with Dolby Digital audio signal

⑦ DVD disc with DTS digital audio signal

⑧ The current disc is locked

⑨ Karaoke is eabled

⑩ Time in hours, minutes and seconds

⑪ Status indicator

⑫ The DVD disc is playing back with multi-angles

⑬ The DVD player is reading disc

Functional overview

Remote control

OPEN/CLOSE .1
DIRECTION KEY (UP) .2
DIRECTION KEY (LEFT) .3
SELECT .4
DIRECTION KEY (DOWN) .5
SETUP .6
PREV/NEXT .7
SLOW BACKWARD KEY .8
SLOW FORWARD KEY .9
NUMBER KEY .10
CANCEL .11
GOTO .12
PREVIEW .13
SURROUND SOUND .14
ZOOM .15
MIC ON/OFF .16
MUTE .17

34. STANDBY
33. DIRECTION KEY (RIGHT)
32. RETURN
31. FAST FORWARD/FAST
    BACKWARD
30. STOP
29. PLAY
28. PAUSE/STEP
27. MENU/PBC
26. TITLE
25. A-B key
24. LANGUAGE
23. REPEAT
22. ANGLE
21. OSD (On-Sreen Display)
20. SUBTITLE
19. MODE
18. VOLUME

NOTE :

● The usage of the key **SETUP**(6) and **RETURN**(32), please refer to chapter [Setup Menu].

● The other keys are used for general operation, please see the chapter [Playing a DVD-video disc] and [Playing a SuperVCD/VCD/CD disc] for details.

General explanation

● Video connection and Audio connection can be totally separate. That means you can connect the Video output to one equipment and connect the audio output to another with no problems. Depending on your TV and other equipment you want to connect, there are various ways you connect the player. Possible connections are shown in the following drawings.

● Please refer to the manuals of your TV, VCR, stereo system or other devices as necessary to make the best connections.

● Do not connect your DVD-player via your VCR. The video quality could be distorted by the copy protection system.

● For better sound reproduction, conncet the player's audio out jacks to the audio in jacks of your amplifier, receiver, stereo or A/V equipment. see [Audio Connection].

Caution: Do not connect the player's audio out jack to the PHONO IN jack of your audio system.
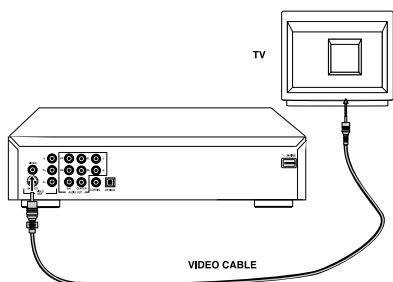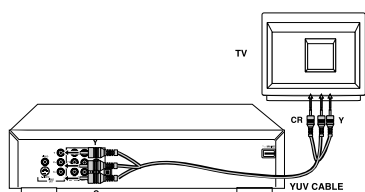
Video connection

Video CVBS connection
● CVBS video output is the most common video format in use now, it combines brightness signal and chroma signal together and only uses one cable for output. Plugs of the cable are both yellow in color.
● Connect the Video socket on the rear of the player to the corresponding socket on the TV using the cable supplied.
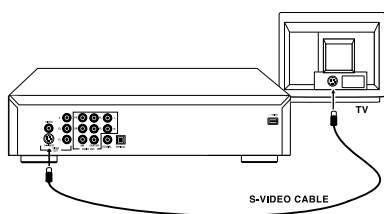
S-Video connection.
● S-video output includes two separated signals, they are brightness and chroma. Reproducing high quality picture is its advantage.
● Connect the S-Video connector on the rear of the player to the corresponding connector on the TV using the S-Video cable (not supplied).

Component video connection (Y/C_B/C_R)
● Component video of Y/C_B/C_R format includes three component signals, they are Y; C_{BLUE} ; C_{RED}.
● Connect the Y/C_B/C_R connector on the rear of the 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].

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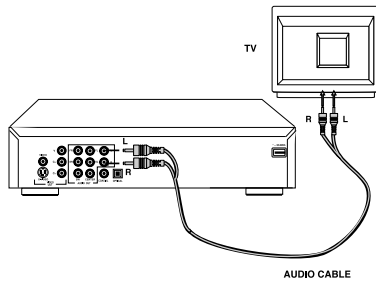
Connection

Audio connection

Connect Audio output to TV

● Use the TV speaker for sound reproduction, connect the audio left and right channel sockets on the player rear panel to the corresponding sockets on your TV with the audio cable. (supplied)

Connecting to an A/V receiver equipment

● Digital multi-channel connection provides the best sound quality. For this you need a multi-channel receiver that supports one or more of the audio formats supplied by your DVD player (Dolby Digital™ , MPEG 2 and DTS). Check the receiver manual and the logos on the front of the receiver.
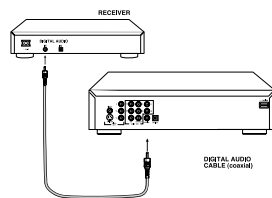
Connect to A/V receiver with digital coaxial cable

● Connect the player's digital coaxial output to the corresponding input on the receiver using the normal audio or video cable which is supplied in the package.
● You might need to set the item[SPDIF setup] in the setup menu for adapting your receiver. Please refer to the chapter [Setup Menu] for details.
● In this case, do not use the player's audio left and right output.
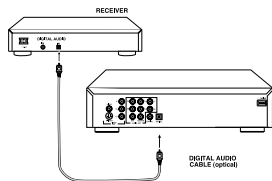
Connect to A/V receiver with digital optical cable

● Connect the player's digital optical output to the corresponding input on the receiver using the digital optical cable(not supplied).
● You might need to set the item[SPDIF setup] in the setup menu for adapting your receiver. Please refer to the chapter [Setup Menu] for details.

NOTE: If the audio format of the digital output does not match the capabilities of your receiver, the sound will be muted.
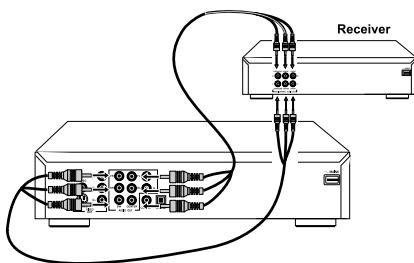
Analog connection to a multi-channel A/V receiver with 6CH connectors

● This DVD player contains a multi-channel decoder. This enables playback of DVDs recorded in multi-channel surround without the need of optional decoder. Connect the audio out jacks to the coresponding jacks of your A/V receiver with six cables. In the SPEAKER SETUP menu, select DOWNMIX to OFF and enable the 6CH decode function by the method introduced on the chapter [Setup Menu].

Connecting the power supply

1. Plug the female end of the power cable supplied into the Power connector on the rear of the player.
2. Plug the male end of the cord into an AC outlet.
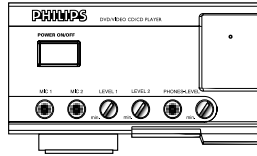
Turning on the power

● Be sure that audio and video output has been well connected to TV.
● Choose the available AV input connection on your TV set to connect ot   the DVD player.
● Press the power on/off button on the front panel to turn on the player.
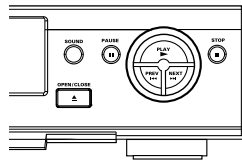
Loading discs

● Press the OPEN/CLOSE button on the front of the player, the disc tray opens.
● Load your chosen disc in the tray, with label side up (also when a double sided DVD is inserted). Make sure the disc is placed properly in the correct recess.
● Press OPEN/CLOSE button to close the tray, then the disc will be played automatically.

Remote control battery installation

● Open the battery compartment cover.
● Insert two batteries inside the battery compartment as per the indicator.
● Close the cover.

CAUTION: Don't mix old and new batteries. Never mix different types of batteries (standard, alkaline, etc.)

Remote control operation

● Unless mentioned specially, all operations can be carried out with the remote control. Always point the remote control directly at the player, making sure there are no obstructions in the path of the infrared beam.
● When there are corresponding keys on the front panel, they can also be used.

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Playing a DVD-video disc
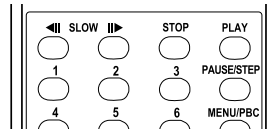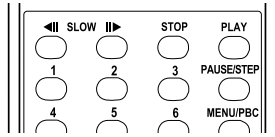
Video control during playback

STOP

● 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

● To get a still picture, press PAUSE/STEP key during playback.
● To step forward to the next frame picture, press PAUSE/STEP key again.
● To resume normal playback, press PLAY.

Search

● To search the contents in fast speed, press the SEARCH key for fast forward/ backward searching.
● Press the SEARCH again to increase the speed for searching.
● Press PLAY to return to the normal playback.

Slow Forward / Backward

● To get slow motion effect during playback, press SLOW FORWARD/BACKWARD.
● Press SLOW again, you can get different playback speeds.
● Press PLAY to return to the normal play back.

Audio control during playback

Mute

● Press the MUTE key to mute the sound output.
● Press the MUTE key again to remove the mute.

Volume

● Press the VOLUME + or VOLUME - to adjust the loudness.
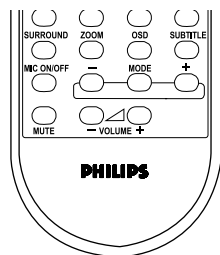
Surround sound

● The DVD player can reproduce virtual surround sound effect. You can press the Surround key on the remote control or the Sound button on the front panel to switch on/off the surround sound effect.

NOTE: Before select the surround sound effect, you must set DOWNMIX at the mode of STEREO, LT/RT or VSS(please refer to SPEAKER SETUP in SETUP MENU) and switch on Karaoke function.

NOTE: The mute function,volume function and surround sound function will not influence digital coaxial output or digital optical output.
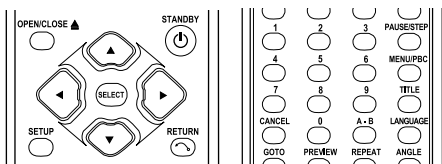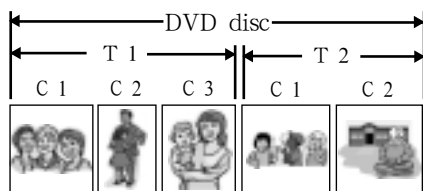
Playing title/chapter

Title & chapter

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

Playing a title

● 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.
● If the items of the menu are numbered, press the appropriate number key on the remote control, if not, use the ▲▼◄► keys to highlight your selection.
● Press the SELECT key to confirm your selection.

Playing a chapter

● While you have selected a title, it may include one or more chapters.
● Any time you want to watch another chapter during playback, press MENU/PBC key to turn back to the chapter menu and choose it again, if not, please press the PREV/NEXT key to do it.

REPEAT function

You can playback a title or a chapter repeatedly by pressing the REPEAT key.
Pay attention to the hint on the screen.
● Press the REPEAT key once to repeat the current chapter.
● Press the REPEAT key again to repeat the current title.
● Press the REPEAT key the third time to quit the repeat function.

REPEAT A-B

A-B key enables you to choose a certain slice of program to repeat.
Pay attention to the hint on the screen.
● Press the A-B key once to set a start point A.
● Press the A-B key again to set an end point B. At the same monent, DVD player begins to playback from the start point A.
● Press the A-B key the third time to quit REPEAT A-B function.

GOTO function

● Press GOTO key on the remote control.
● Press the ◄► keys to highlight the item TITLE, you can set a certain title.
- Enter an available title number then press the SELECT key to confirm it.
● Press the ◄► keys to highlight the item CHAPTER, you can set a certain chapter.
- Enter an available chapter number then press the SELECT key to confirm it.

Press the GOTO key again
● Press the ◄► keys to highlight the item TITLE, you can set a certain title.
- Enter an available title number then press the SELECT key to confirm it.
● Press the ◄► keys to highlight the item TIME and you can play from any point of the disc.
- Enter an available time(e.g. 0:34:27) then press the SELECT key to confirm it.

NOTE: GOTO key is not available for some DVD discs.

Playing a DVD-video disc

original picture

zoomed picture

angle 1

angle 2
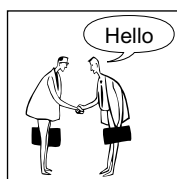
Hello

Bonjour

Good night

Bonsoir!

Special DVD features

Zoom

● Press the ZOOM key on the remote control to get the magnified picture. Use the ▲▼◄► key to view the rest part of the zoomed picture.

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

NOTE: This function is NOT available for some DVD discs. It depends on the discs.

Camera angle

● Scenes from different camera angles can be recorded in a DVD disc will enable you to watch a scene from different angles. You can switch the camera angles by just pressing the ANGLE key on your remote control.

NOTE: the function is available for the DVD discs which have recorded several angles movie.

Audio languages

● If the DVD is recorded with multi-languages audio tracks, you can select the language you want by pressing the LANGUAGE key on your remote control.

Subtitles

● If the DVD is recorded with multi-subtitles, you can select the subtitle you want by pressing the SUBTITLE key on your remote control.

Disc Specification Icons

CD   This icon indicates the following description of functions are availible for CD.

VCD   This icon indicates the following description of functions are availible for VCD.

SuperVCD   This icon indicates the following description of functions are availible for SVCD.

Video control during playback
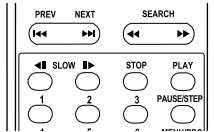
Still picture and step frame

SuperVCD *VCD*

● To get a still picture, press the PAUSE/STEP key during play.

● To step forward to the next picture frame, press the PAUSE/STEP key again.

● To return to play, press PLAY.

Search

SuperVCD *VCD*

● To search the content in fast speed, press the SEARCH key for fast forward/ backward searching.

● Press the SEARCH key again to accelerate the speed during searching.

● While you find the point you want, press PLAY key to return to the normal play state.

Slow Forward

SuperVCD *VCD*

● To get slow motion effect during playback, press the SLOW key.

● Press the SLOW key again, you can get different playback speeds.

● Use the PLAY key to return to the normal play back.

NOTE: The SLOW BACKWARD key is not available for the super VCD/VCD/CD disc.
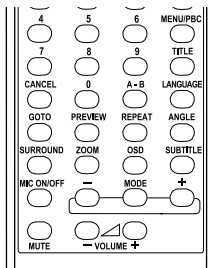
Audio control during playback

SuperVCD *VCD* *CD*

Mute

● Press the MUTE key to mute the sound output or not.

● When the sound is mute, the video will continue playing.

NOTE: This function does not influence digital coaxial output and digital optical output.

Surround sound

SuperVCD *VCD* *CD*

● The DVD player can produce virtual surround sound effect. You can press the SURROUND key on the remote control or the SOUND button on the front panel to switch on/off the surround sound effect.

NOTE: Before switch on the surround sound effect, you must set DOWNMIX at the mode of STEREO, LT/RT or VSS(please refer to SPEAKER SETUP in SETUP MENU) and switch on Karaoke function.

Audio channel selection

SuperVCD *VCD*

● 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.)

● Press the LANGUAGE key on the remote control to select the audio channels you want.

● VCD has only one stereo audio channel, you can select mono left audio channel or mono right audio channel by pressing the LANGUAGE key on the remote control.

Playing a SuperVCD/VCD/CD Disc

Playing title/track

SuperVCD *VCD*
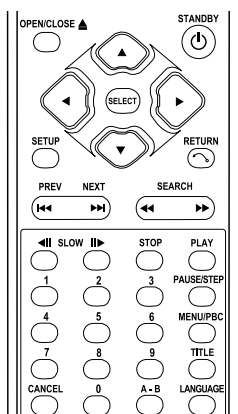
PBC on (PlayBack Control)

● Playback control is a kind of title/track index protocol between player and discs. When a disc is recorded in a standard VCD or SVCD format, there will be a menu which include titles/tracks for users to select the content of a movie or other video programs.

● When you switch on the PBC function you will enter the index menu which is available for selection after loading the SVCD or VCD disc.

● You can switch the PBC function simply by pressing the MENU/PBC key on the remote control. Pay attention to hint on the screen.

● Use the PREV/NEXT key on the remote control or on the front panel to select the page you like.

● If the items of the index menus are numbered, press the appropriate number key on the remote control, if not, use the ▲▼◄► keys to highlight it, then press the SELECT key to confirm your selection.

● Press the RETURN key to enter the index menu during the play back.

NOTE:

1. The content of the index menu depends on the disc. Please refer to the disc instruction for detail.

2. If the disc doesn't include the PBC *information, this function will have no effect.*

SuperVCD *VCD* .

PBC off

● If you switch PBC function off, you will just start the disc from the beginning.

● When you play the karaoke disc, you still can use the PREV/NEXT key on the remote control or on the front panel to select the page you like, even if PBC function is off.

● You also can press the numerical keys and then press SELECT key to confirm your optional track.

SuperVCD **VCD** **CD**   **REPEAT A-B**

A-B key enables you to choose a certain portion of program to repeat.

Pay attention to the hint on the screen.

● Press the A-B key once to set a start point.

● Press the A-B key again to set an end point. At the same moment, DVD player
   begins to playback from the start point.

● Press the A-B key the third time to quit REPEAT A-B function.

SuperVCD **VCD** **CD**   **REPEAT**

You can repeat to playback a track or a chapter by press the REPEAT key. Please
turn the PBC off at the moment.

Pay attention to the hint on the screen.

Repeat playback [track]   ● Press the REPEAT key once, repeat the current track.

Repeat playback [disc]   ● Press the REPEAT key again, repeat the whole disc.

Repeat playback [off]   ● Press the REPEAT key the third time, quit repeat state.

SuperVCD **VCD** **CD**   **GOTO**

The player can playback from any point of the track being played by using the
GOTO key at the state of PLAY.

● Press GOTO key, you can set a start point time of the current track.

- Enter an available time(e.g. 0:03:27) then press the SELECT key to confirm it.

Playing a SuperVCD/VCD/CD Disc

Video Control

Zoom

● Press the ZOOM key on the remote control, you will get the magnified picture by different sizes. Use the ▲▼◄ ► keys to view the rest part of the zoomed picture.

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

SuperVCD

Changing subtitles

● Press the SUBTITLE key on your remote control to select the subtitle you want.

NOTE: This function is only availalbe for the discs with multi-subtitle tracks.

SuperVCD *VCD* *CD*

OSD (On-Screen Display)

● This function will provide some information about your playing disc on the screen.

- Press OSD on the remote control.

SuperVCD *VCD*

Resume

When PBC is OFF,

● Press the STOP key once, the words: PRESS PLAY TO CONTINUE.

● Press the PLAY key, you can resume the play from the point at which you stop last time.

Karaoke learning and langurage learning function

● Utilize the function by following method:

- Press the MODE key accompanied by the such words as RECORD OFF displayed on the screen.

- Before the OSD information disappears, press the + key beside the MODE key to open the function and you can see the words of SING MODE appeared.

- After the OSD information disappears, start to record after pressing the - key beside the MODE key accomplied with the words of RECORDING displayed.

- As soon as you finish recording, press the + key to end record.

● Now the player will repeat the recorded segment from the start point with the words of CONTRASTING displayed on the screen.

● Close karaoke and language learning function

- Press the MODE key to enter it.

- After the OSD information disappears, press the + key to close this function.

- The screen hint: RECORD OFF

Preview function

At STOP mode, press the PREVIEW key to enter previewing menu, shown on the left.

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 SELECT 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 SELECT key to confirm it.

 - Select the other tracks beyond this page by pressing the PREV/NEXT key.

 - Press the numerical keys to choose the desired track.

 - Press the SELECT 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.
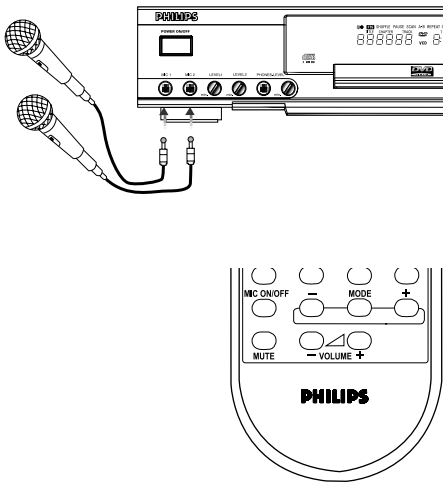
 - Press the numerical key 3.

 - Press the SELECT key to confirm it.

 - Preview other tracks, press the PREV/NEXT key.

 - Press numerical key to choose the start point.

 - Press the SELECT key to playback the start point.

IV**. Quit preview function**

 - Press the numberical key 4.

 - Press the SELECT key to exit.

KARAOKE

General operation of karaoke function

● Connect microphone to MIC1 or MIC2 or to both sockets. Be sure the player has been properly connected to your TV or audio system.
● Press the MIC key on the remote control to switch the MIC function on. The hint 'MIC ON' appears on TV screen to indicate Karaoke function is available.
● Load a karaoke disc, press PLAY to playback.
● Turn on the microphone which is connected with the DVD player and you can enjoy the Karaoke immediatly.
● Microphone volume adjustment
  You can adjust the volume of microphone by turning the knob LEVEL on the right of MIC jack.
● When karaoke is finished, press the MIC key once to exit Karaoke function.

NOTE: Please set the option DOWNMIX to LT/RT or VSS or STEREO, otherwise Karaoke can not work properly.

General setup of karaoke function

Press the MODE key to choose the KARAOKE options.

KEY CONTROL :
● Press the MODE key to select KEY CONTROL.
● Press the MODE + or MODE - key located at the both sides of the MODE key to adjust the key to meet your voice.

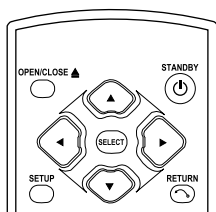### ECHO :
● Press the MODE key to select ECHO.
● Press the MODE + or MODE - to adjust echo level.

Audio channels option :
With this function, you can choose audio channels during karaoke is available.
● Press the LANGUAGE key on the remote control to choose STEREO, LEFT VOCAL, RIGHT VOCAL, MONO RIGHT and MONO LEFT . Especially MONO RIGHT & MONO LEFT options can fade out the original vocal.

Enter the setup menu

● Enter the SETUP menu by pressing the SETUP key in STOP mode. When you quit the setup menu, the settings will be stored in the player's memory even when the player is switched to power off.

The way of operations

Press the SETUP key in the STOP mode and the SETUP menu will be displayed on the screen.

● Press the SELECT key on the remote control to open the next level submenu or confirm your selection.

● Press the ◄► keys on the remote control to enter the submenu or return to the previous menu.

● Press the ▲▼ keys on the remote control to highlight the option in menus.

● When setup is completed, press SETUP key to quit the setup menu.

General setup menu

Some settings are needed in this menu. they are: DISC LOCK, PROGRAM, TV DISPLAY, VIDEO OUTPUT, TV TYPE, OSD LANGUAGE and SCREEN SAVER.

Follow the steps below:

1. Press the SETUP key to enter the setup menu.
2. Press the ▲▼ keys to choose the GENERAL SETUP menu.
3. Press the SELECT 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. Press the SELECT key.
3. Enter its submenu by pressing the ► key.
 - LOCK: Lock the disc being played.
 - UNLOCK: unlock the disc.
4. 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 PREFERENCE menu (see page 31).

Setup Menu
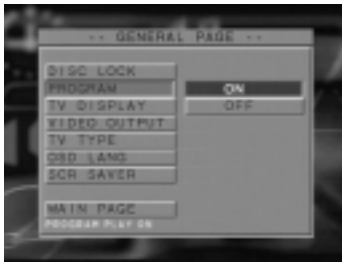
Program (not available for DVD discs)

1. Press the ▲▼ keys to choose the PROGRAM item.

2. Press the SELECT key open its submenu.

3. Move the cursor to the field of the submenu by pressing the ▶ key.

4. Choose the item ON or OFF by pressing the ▲▼ keys.

  - ON: Enter the PROGRAM item.

  - OFF: Quit the PROGRAM item.

5. Press the SELECT key to enter the program page.

Input your favorite track

 - Input valid track number by pressing the numerical keys,

 - Press the ◀▶▲▼ keys to move the cursor to the next selected position.

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

Exclude a track

 - Press the ◀▶▲▼ keys to move the cursor to track you want to exclude.

 - Press the CANCEL key.

Cancel all tracks

 - Press the ◀▶▲▼ keys to move the cursor to the CLEAR button.

 - Press the SELECT key, all tracks will be cancelled.

 - Now you can input your favorite tracks again.

Playback tracks

When programing is completed,

 - Press the ◀▶▲▼ keys to move the cursor to the PROG button.

 - Press the SELECT key, DVD player will playback the selected program in sequence under the programed sequence.

Stop the program playback

At the PROGRAM page, When programing is completed,

 - Press the ◀▶▲▼ keys to move the cursor to the QUIT button.

 - Press the SELECT key to quit this menu.

At playback mode, you can:

 - Press the STOP key twice to exit.

Video output

In this menu, you can select the video output for high quality picture.

1. Press the ▲▼ keys to highlight VIDEO OUTPUT in the GENERAL SETUP menu.

2. Press the SELECT key to open its submenu.

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

4. 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.

 - YCBCR: If your TV set is equiped with Y/C$_B$/C$_R$ input, you can choose for high quality picture.

5. Press the SELECT key.

6. Press the ◀ key to return to the GENERAL SETUP menu.

NOTE: Any selection will not influence the signal output of composite video.

Screen size (shown on the left)
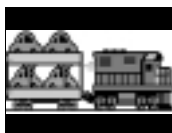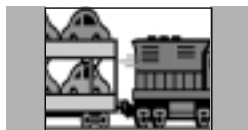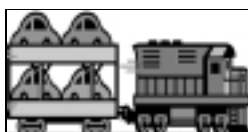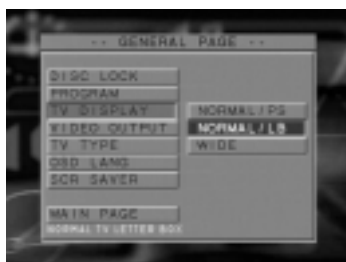
4:3 Letter Box

fig. 1

4:3 Pan Scan

fig. 2

16:9 Wide Screen

fig. 3

● If a disc is recorded in the size of wide-screen 16:9, it will have some problem, like distortion or narrowing when playing on a normal TV set with the screen size of 4:3. and the function SCREEN SIZE is used.

● There are three selections in the item to modify the distorted screen picture:

1. 4:3 LB --- used for 16:9 format movie discs played in 4:3 TV set. It sacrifices certain top and bottom screen space for getting 16:9 picture size. (refer to fig .1)

2. 4:3 PS --- used for 16:9 format movie discs play in 4:3 TV set. It sacrifices certain picture part for getting 4:3 effect. (refer to fig .2)

3. 16:9 wide-screen --- used for 16:9 format movie discs play in 16:9 TV set. if the disc is recorded in 4:3 format, the picture will also have some distortion.

Setup the item as follows:

1. Press the ▲▼ keys to highlight the TV DISPLAY item in the GENERAL SETUP menu.

2. Press the SELECT key.

3. Enter its submenu by pressing the ▶ key.

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

5. Press the SELECT key to confirm.

6. Press the ◀ key to return to the GENERAL SETUP menu.
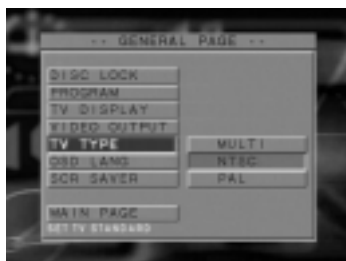
TV type (shown on the left)

There are 2 major TV systems, PAL and NTSC. Normally both of them are available in our modern TV set. The system of your TV set must be according with the DVD player's and setup the item as follows:

1. Press the ▲▼ keys to highlight TV TYPE in the GENERAL SETUP menu.

2. Press the SELECT key.

3. Enter its submenu by pressing the ▶ key.

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

5. Press the SELECT key to confirm.

6. Press the ◀ key to return to the GENERAL SETUP menu.
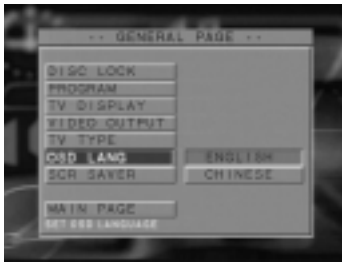
NOTE: Choosing NTSC item indicates that the player will output by NTSC system, Similarly, you can sacquire PAL system by choosing the PAL item. And the item MULTI means video output is depending on the format of DVD or VCD discs.

Setup Menu

OSD language

● There are two options available for information display on TV screen.

1. Press the ▲▼ keys to highlight OSD LANG in the GENERAL SETUP menu.

2. Press the SELECT key.

3. Enter its submenu by pressing the ▶ key.

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

  - ENGLISH: OSD information will be displayed in English.

  - CHINESE: OSD information will be displayed in Chinese.

5. Press the SELECT key to confirm.

6. Press the ◀ key to return to the GENERAL SETUP menu.
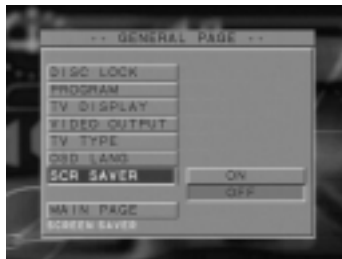
Screen saver

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. Press the SELECT key.

3. Enter its submenu by pressing the ▶ key.

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

  - ON: At STOP mode, if nothing is happened within 2 minutes, screen saver will
    turn on .

  - OFF: Screen saver is disable.

5. Press the SELECT key to confirm.

6. 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), CENTER, REAR, SUBWOOFER, CENTER DELAY, REAR DELAY and TEST TONE, which gives the setup system to reproduce high quality surround sound.

1. Press the SETUP key.

2. Press the ▲▼ keys to highlight the SPEAKER SETUP item.

3. Press the SELECT key to confirm.

DOWNMIX mode

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

2. Press the SELECT key to open its submenu.

3. Enter its submenu by pressing the ▶ key.

4. 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 Dobly Prologic decoder. Meanwhile, the DVD player can send the output of Dobly Prologic signals.

- STEREO

This item will help to downmix the signal of Dobly Digital and DTS into stereo signals directly outputing from L/R port.

- VSS

This function is to make DVD player reproduce virtual surround sound effects.

- OFF

Disable the DOWNMIX mode so that you can setup your speaker system.

5. Press the SELECT key.

6. 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. Press the SELECT key to open its submenu.

3. Enter its submenu by pressing the ▶ key.

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

- ON: Enable D.R.C.

- OFF: Disable D.R.C.

5. Press the SELECT key.

6. Press the ◀ key to return to the SPEAKER SETUP menu.

Note: This function is not available for some DVD discs.

Center speaker

This function is effective only when DOWNMIX is OFF. When you are using a center speaker, set to CENTER on in the menu.

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

2. Press the SELECT key to open its submenu.

3. Enter its submenu by pressing the ▶ key.

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

- ON: Enable signal output for center speaker.

- OFF: Disable signal output for center speaker.

5. Press the SELECT key.

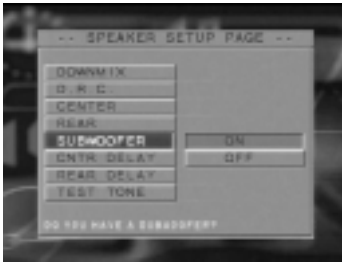6. Press the ◀ key and return to the SPEAKER SETUP menu.

Setup Menu

Surround speaker

This function is effective only when DOWNMIX is OFF. When you are using rear surround speaker, set to REAR on in the menu.

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

2. Press the SELECT key to open its submenu.

3. Enter its submenu by pressing the ► key.

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

  - ON: Enable signal output for surround speaker.

  - OFF: Disable signal output for surround speaker.

5. Press the SELECT key.

6. Press the ◄ key to return to the SPEAKER SETUP menu.

Subwoofer speaker

This function is effective only when DOWNMIX is OFF. When you are using a subwoofer speaker, set to SUBWOOFER on in the menu.

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

2. Press the SELECT key to open its submenu.

3. Enter its submenu by pressing the ► key.

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

  - ON: Enable signal output for subwoofer speaker.

  - OFF: Disable signal output for subwoofer speaker.

5. Press the SELECT key.

6. Press the ◄ key to return to the SPEAKER SETUP menu.

Center delay

Set CENTER to on in the setup to delay the sound reproduction from the center speaker.

1. Press the ▲▼ keys to highlight the CNTR DELAY item.

2. Press the SELECT key to open its submenu.

3. Enter its submenu by pressing the ► key.

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

5. Press the SELECT key.

6. Press the ◄ key and return to the SPEAKER SETUP menu.

Surround delay

Set REAR on then you can setup this option to delay the sound reproduction from the surround speakers.

1. Press the ▲▼ keys to highlight the REAR DELAY item.

2. Press the SELECT key to open its submenu.

3. Enter its submenu by pressing the ► key.

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

5. Press the SELECT key.

6. Press the ◄ key and return to the SPEAKER SETUP menu.

Test tone

This item is used to check the connection of the audio system. When TEST TONE is ON, a fizzy sound from every speakers will appear.

1. Press the ▲▼ keys to highlight the TEST TONE item.

2. Press the SELECT key to open its submenu.

3. Enter its submenu by pressing the ▶ key.

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

  - ON: Enable test tone.

  - OFF: Disable test tone.

5. Press the SELECT key.

6. Press the ◀ key and return to the SPEAKER SETUP menu.

Pro Logic setup

This item is used for settings on Dolby Pro Logic signals.

1. Press the SETUP key to enter the SETUP menu.

2. Press the ▲▼ keys to choose the PRO LOGIC SETUP menu.

3. Press the SELECT key to enter.

4. Press the ▲▼ keys to highlight the PRO LOGIC item.

5. Press the SELECT key to open its submenu.

6. Enter its submenu by pressing the ▶ key.

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

  - ON: Output the Dolby Pro Logic signals.

  - OFF: Forbid the Dolby Pro Logic signals to send output.

  - AUTO: Whether PRO LOGIC is ON or OFF, it depends on the audio format of
            the disc you playback.

8. Press the SELECT key.

9. Press the ◀ key and return to the SPEAKER SETUP menu.

10. Press the ▲▼ keys to highlight the MAIN PAGE and confirm by pressing the
     SELECT key.

SPDIF setup

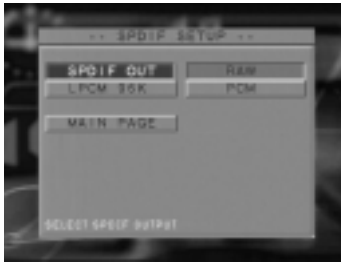In this menu, you can set up digital audio format outputing from coaxial and optical terminals.

1. Press the SETUP key to enter the SETUP menu.

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

3. Press the SELECT key to enter.

NOTE:

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

Setup Menu

SPDIF OUT setup

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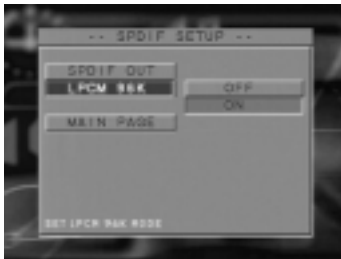
LPCM 96K mode

In this menu, you can set up sampling rate to decode LPCM audio.
1. Press the ▲▼ keys to highlight the LPCM 96K item.
2. Press the SELECT key to open its submenu.
3. Enter its submenu by pressing the ▶ key.
4. 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.
5. Press the SELECT key.
6. Press the ◀ key to return to the SPDIF SETUP menu.

Preferences setup

There are items included in PREFERENCES menu as AUDIO, SUBTITLE, DISC MENU, PARENTAL CONTROL, PASSWORD and DEFAULT.
1. Press the STOP key twice.
2. Press the SETUP key to enter its menu.
3. Highlight the PREFERENCES item by pressing the ▲▼ keys.
4. Press the SELECT key 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. Press the SELECT key to open its submenu.
3. Enter its submenu by pressing the ▶ key.
4. Move the cursor by pressing the ▲▼ keys to highlight the selected item.
5. Press the SELECT key.
6. 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.
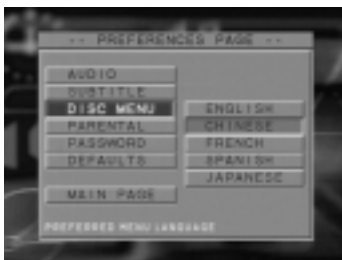
Subtitle language

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. Press the SELECT key to open its submenu.
3. Enter its submenu by pressing the ▶ key.
4. Move the cursor by pressing the ▲▼ keys to highlight the selected item.
5. Press the SELECT key.
6. 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.

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. Press the SELECT key to open its submenu.
3. Enter its submenu by pressing the ▶ key.
4. Move the cursor by pressing the ▲▼ keys to highlight the selected tem.
5. Press the SELECT key.
6. 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.
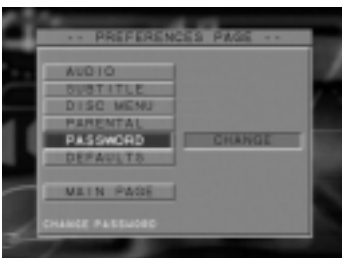
Password

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.
2. Press the SELECT key to open its submenu.
3. Enter its submenu by pressing the ▶ key.
4. Move the cursor by pressing the ▲▼ keys to highlight the selected item.
5. Input the four digits original password.
6. If successful, the player will prompt for a new one.
7. After that, enter the new password again to reconfirm.
8. Press the PLAY key to return to the PREFERENCES menu.

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 disc can be set with levels which define the movie degrees of violence, horror or iroticism. There are 8 levels defined in a standard literature for the setting by distributors. From level 1 to level 8, the ponderance increases gradually. If the parental control is activated, only the movies which the degree is lower than the level you set can be admitted to show, otherwise, you have to enter the password for authorization.

● 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:
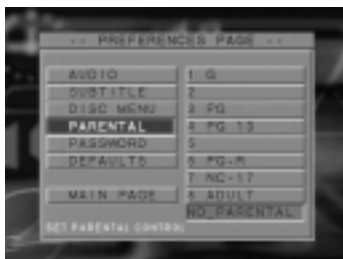
1. Press the ▲▼ keys to highlight the PARENTAL item.

2. Press the SELECT key to open its menu.

3. Enter its submenu by pressing the ▶ key.

4. Move the cursor by pressing the ▲▼ keys to highlight the selected level.

5. Press the SELECT key.

6. Press the ◀ key and return to the PREFERENCES menu.

NOTE: If you forget the password, you can enter the default password 3308 and replace your password after logging on.

Default setup (shown on the left)
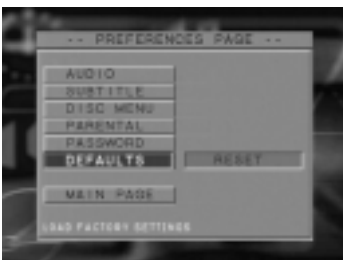
If problems occur during setting DVD, the item DEFAULT is used to reset all items to factory default and all your personal setting will be erased.

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

2. Press the SELECT key to open its menu.

3. Enter its menu by pressing the ▶ key.

4. Press the SELECT key.

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

Disc maintains

Some problems occur because the disc inside the player is dirty. To avoid those problems clean your discs regularly.

 ● When the disc becomes dirty, clean it with a cleaning cloth. Wipe the disc from center to out side.
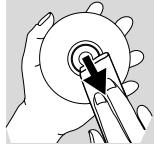
Caution: Do not use solvents such as benzine, thinner, commercially available cleaners, or anti-static spray intended for analog discs.

Environmental information

All redundant packing material has been omitted. We have done our utmost to make the packaging easily separable into three mono materials: cardboard (box), polystyrene foam (buffer) and polyethylene (bags, protective foam sheet.)

Your set consists of material which can be recycled if disassembled by a specialized company. Please observe the local regulations regarding to the disposal of packing materials, dead batteries and old equipment.

Before requesting service

If it appears that the DVD-Video player is faulty, first consult this checklist. It may be that something has been overlooked. *Under no circumstances should you try to repair the player yourself; as this will invalidate the warranty. Only qualified service personnel can remove the cover or service this player.*

Look for the specific symptom(s). Then perform only the actions listed to remedy the specific symptom(s).

Symptom

Remedy

Symptom	Remedy
No power	Check if the on/off button on the front of the player is set to on. Check if there is power at the AC outlet by plugging in another appliance.
No picture	Check if the TV is switched on. Select the same channel and source on the TV as on the player. Check the video connection.
Distorted picture	Check the disc for fingerprints and clean with a soft cloth, wiping from center to edge. Sometimes a small amount of picture distortion may appear .This is not a malfunction.
Completely distorted picture or no color with player menu.	If the picture is distorted completely or if the picture rolls vertically, make sure the NTSC/PAL setting at the DVD player matches the video signal of your television. If your TV video signal is NTSC, select the NTSC setting at the DVD player. If your video signal is PAL, select the PAL setting - see **NTSC/PAL SETTINGS**.
Distorted or Black/White picture with DVD or Video CD.	The disc format does not match your TV's video signal (PAL/NTSC).
No sound	Check audio connections. If you are using a HiFi amplifier, try another sound source.
Distorted sound from HiFi amplifier.	Check to make sure that no audio connections are made to the amplifier phono input.
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. Clean the disc. Check if the disc is defective by trying another disc. Check to see if the disc is defective, badly scratched or warped (not flat)
No return to start-up screen when disc is removed.	Reset by switching the player off, then on again. Check to see if the program requires another disc to be loaded.
The player does not respond to the remote control.	Aim the remote control directly at the sensor on the front of the player. Remove any obstacles between the player and the remote control. Inspect or replace the batteries in the remote control.
Buttons do not work.	In order to completely reset the player, unplug the AC cord from the AC outlet for a few seconds.
Player does not respond to all operating commands during playback.	Operations are not permitted by the disc. Refer to the instructions of the disc.

Philips Product Warranty (FOR AUSTRALIA ONLY)

Warranty conditions valid for Colour Television, video Cassette Recorders, CD Recordable, DVD Players, Audio Systems, and Portable Audio.

The benefits given to the purchaser by this warranty are in addition to all other rights and remedies which the purchaser has in respect of the product under the Trade practices Act or other Commonwealth or State Law.

Philips Consumer Electronics warrants its Products to the Purchaser as follows and subject to the stated conditions.

12 months free service.

Conditions of warranty

l   All claims for warranty service should be made to your nearest Philips Authorized Service Center. Reasonable evidence of date of purchase must be Provided.

2 This warranty extends only to defects occurring under normal use of the Product when operated in accordance with the instructions.

3 Home service within the normal service area of one of our Authorised Service Centres will be Provided for television receivers with screen size 48cm and above. All other Products are to be brought or sent to your nearest Authorized Service Centre.

4   This warranty does not cover:

a) Mileage or traveling time, pickup or delivery, cost of insurance.

b) Service costs arising from failure to correctly adjust the controls of the product or to observe the instructions, or inspections that reveal that the product is in normal working order.

c) Product failures caused by misuse, neglect, normal wear and tear, accidental breakage, transit damage, inexpert repairs or modification by unauthorized persons, Lightning strikes, vermin infestation or liquid spillage.

d) Cleaning of video or audio heads.

e) Inadequate receiving antennae.

f) Replacement of worn or used batteries, styli or other consumables.

The conditions contained in this warranty replace and override the Provision of the World-Wide Guarantee for Products sold in Australia.

Philips Authorised service centers

To contact your nearest Philips Authorised Service Centre call **1 300-36-13-92** from anywhere in Australia.

Sydney
Canberra
Adelaide
Newcastle
Melbourne
Hobart
Perth
Brisbane
Wollongong

Service is provided through 350 accredited service dealers throughout Australia. To find out about you r nearest centre, call **1300-36-13-92**.

Please record the following information for your records and keep in a safe place.

Model No: ....
Serial No: ....

Please retain your purchase receipt which is required to claim service under warranty
Philips Consumer Electronics Australia Limited
ACN 008 445 743, 3 Figtree Drive
Homebush NSW 2140

New Zealand Warranty

Guarantee and Service for New Zealand

Thank-you for purchasing this quality Philips Product.

Philips New Zealand Ltd. guarantees this Product against defective components and faulty workmanship for a Period of 12 months.

Any defect in materials or workmanship occurring within 12 months from the date of Purchase subject to the following conditions will be rectified free of charge by the retailer from whom this product was purchased.

Conditions

1 The Product must have been purchased in New Zealand. As proof of Purchase, retain the original sales docket indicating the date of purchase.

2 The guarantee applies only to faults caused by defective components, or faulty workmanship on the part of the manufacturer

3 The guarantee does not cover failures caused by misuse, neglect, normal wear and tear, accidental breakage, use on the incorrect voltage, use contrary to operating instructions, or unauthorized modification to the product or repair by an unauthorized technician.

4 Reasonable evidence (in the form of a sales docket) must be supplied to indicate that the Product was purchased no more than 12 months prior to the date of your claim.

5 In the event of a failure, Philips shall be under no liability for any injury, or any loss or damage caused to Property or products other than the product under guarantee.

This guarantee does not prejudice your rights under common law and statute, and is in addition to the normal responsibilities of the retailer and Philips.

How to claim

Should your Philips Product fail within the guarantee Period, please return it to the retailer from whom it was Purchased. In most cases the retailer will be able to satisfactorily repair or replace the Product.

However, should the retailer not be able to conclude the matter satisfactorily, or if you have other difficulties claiming under this guarantee, Please contact:

The Guarantee Controller
Philips New Zealand Ltd.
4 P.O. Box 41.021
Auckland
Tel: 3 (09) 84 94 160
Fax: 3 (09) 84 97 858

Specifications

GENERAL

* Power consumption	<25W
* Video standard	NTSC/PAL changable

ANALOG AUDIO OUTPUT

* audio channels	left/right
* output voltage	2.0V ± 2 dB
* frequency responds range	20Hz - 20KHz ± 2dB
* S/N (signal/noise)	≥ 90 dB

DIGITAL AUDIO OUTPUT

* Digital	MPEG
	DTS
	Dolby Digital
	PCM

VIDEO PERFORMANCE

* CVBS	1Vpp --- 75Ω
* S-VIDEO	Y: 1.00Vpp --- 75Ω
	C: 0.30Vpp --- 75Ω
* YUV	Y: 1.00Vpp --- 75Ω
	C$_R$: 0.7Vpp --- 75Ω
	C$_B$: 0.7Vpp --- 75Ω

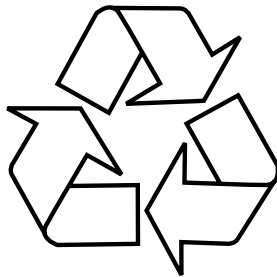|	
MICPHONE:	6.3mm
HEADPHONE :	6.3mm

CABINET

* Dimensions	WxHxD: 435x91x320 mm
* Weight	about 3.8Kg

Specification subject to change without prior notice.

Meet PHILIPS at the internet
http://www.PHILIPS.com

DVD762K

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