User manual

Thank you for choosing Philips.

Need help fast?
Read your User’s Manual first for quick tips that make using your Philips product more enjoyable.
If you have read your instructions and still need assistance, you may access our online help at www.philips.com/support
Important notes for users in the U.K.

Mains plug
This apparatus is fitted with an approved 13 Amp plug. To change a fuse in this type of plug proceed as follows:

1. Remove fuse cover and fuse.
2. Fix new fuse which should be a BS1362 5 Amp, A.S.T.A. or BSI approved type.
3. Refit the fuse cover.

If the fitted plug is not suitable for your jack outlets, it should be cut off and an appropriate plug fitted in its place.

If the mains plug contains a fuse, this should have a value of 5 Amp. If a plug without a fuse is used, the fuse at the distribution board should not be greater than 5 Amp.

Note: The severed plug must be disposed to avoid a possible shock hazard should it be inserted into a 13 Amp jack elsewhere.

How to connect a plug
The wires in the mains lead are coloured with the following code: blue = neutral (N), brown = live (L).

- As these colours may not correspond with the colour markings identifying the terminals in your plug, proceed as follows:
  - Connect the blue wire to the terminal marked N or coloured black.
  - Connect the brown wire to the terminal marked L or coloured red.
  - Do not connect either wire to the earth terminal in the plug, marked E (or preferably) or coloured green (or green and yellow).

Before replacing the plug cover, make certain that the cord grip is clamped over the sheath of the lead - not simply over the two wires.

Copyright in the U.K.
Recording and playback of material may require consent. See Copyright Act 1956 and The Performer’s Protection Acts 1958 to 1972.

CAUTION
Use of controls or adjustments or performance of procedures other than herein may result in hazardous radiation exposure or other unsafe operation.

VAROITUS
Muiden kuin tässä esitettyjen toimintojen säädön tai asetusten muutto saattaa altistaa vaaralliselle säteilylle tai muille vaarallisille toiminnoille.
CONSUMERS SHOULD NOTE THAT NOT ALL HIGH DEFINITION TELEVISION SETS ARE FULLY COMPATIBLE WITH THIS PRODUCT AND MAY CAUSE ARTIFACTS TO BE DISPLAYED IN THE PICTURE. IN CASE OF 525 OR 625 PROGRESSIVE SCAN PICTURE PROBLEMS, IT IS RECOMMENDED THAT THE USER SWITCH THE CONNECTION TO THE 'STANDARD DEFINITION' OUTPUT. IF THERE ARE QUESTIONS REGARDING OUR TV SET COMPATIBILITY WITH THIS MODEL 525p AND 625p DVD PLAYER, PLEASE CONTACT OUR CUSTOMER SERVICE CENTER.'
General Information

Environmental Information

All unnecessary packaging has been omitted. The packaging has been made easy to separate into two materials: cardboard (box, buffer) and polyethylene (bags, protective foam sheet).

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

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

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.

NOTE: PICTURES SHOWN MAY BE DIFFERENT BETWEEN COUNTRIES.

CAUTION (WARNING LOCATION: ON THE BACKPLATE OF THE SET)

NEVER MAKE OR CHANGE CONNECTIONS WITH THE POWER SWITCHED ON.

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.

DivX, DivX Certified, and associated logos are trademarks of DivX Networks, Inc and are used under license.

For Customer Use:

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

Model No. DVP 5500S / DVP 5505S
Serial No. ___________________

Laser

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

This DVD player is in conformity with the EMC directive and low-voltage directive.
CAUTION
VISIBLE AND INVISIBLE LASER
RADIATION WHEN OPEN.
AVOID EXPOSURE TO BEAM.

SYNLIG OG USYNLIG
LASERSTRÅLING VED ÅBNING
UNDGA UDSÆTTELSE FOR STRÅLING

SYNLIG OCH OSYNLIG
LASERSTRÄLING NÄR DENNA DEL
ÄR ÖPPNAD BETRAKTA EJ STRÅLEN

AVATTAESSA OLET ALTTIINA
NÄKYVÄLLE JA NÄKYMÄTTÖMÄLLE
LASER SÄTEILYLLE. ÄLÄ KATSO
SÄTEESEEN

GEFAHR VON SICHTBAREN UND
UNSICHTBAREN LASERSTRAHLUNG
BEI GEÖFFNETEM GEHÄUSE.

ATTENTION
RAYONNEMENT LASER VISIBLE ET
INVISIBLE EN CAS D’OUVERTURE
EXPOSITION DANGEREUSE AU
FAISC EAU
Contents

Introduction
Supplied accessories ....................................... 8
Care and safety information .......................... 8

Connections
Connecting TV ............................................ 9-10
Using SCART jack ........................................ 9
Using Composite Video jacks (CVBS)........ 9
Using Component Video jacks (Pr Pb Y) .10
Using an accessory RF modulator ............ 10
Connecting the power cord........................ 11
Optional: Connecting to a Multi-channel
Receiver ........................................................... 11
Receiver has a Dolby Digital or DTS decoder ........................................................................ 11
Optional: Connecting Digital AV Receiver ... ........................................................... 12
Stereo system has Dolby Pro Logic or Right / Left Audio In jack ....................................... 12
Optional: Connecting Digital AV Receiver ... ........................................................... 12
Receiver has a PCM, Dolby Digital, or MPEG2 decoder ............................................ 12

Functional Overview
Front and Rear Panels .................................. 13
Remote Control ............................................ 14

Getting Started
Step 1: Inserting batteries into the Remote Control ............................................ 15
Using the Remote Control to operate the Player ................................................... 15
Step 2: Setting up the TV ........................ 15-17
Setting up Progressive Scan feature for Progressive Scan TV only) .................... 16
To deactivate Progressive manually ....... 16
Selecting the colour system that corresponds to your TV ...................................... 17
Step 3: Setting language preference ...... 18
Setting the OSD Language ......... 18
Setting the Audio, Subtitle and Disc menu language ...................................... 18

Disc Operations
Playable Discs ................................................. 19
Region Codes ................................................. 19
Playing discs ................................................. 19
Basic playback controls ................................................. 20
Selecting various repeat/shuffle functions 20
Repeat play mode ............................................. 20
Repeating a section within a chapter/track ........................................................... 20
Operations for video playback ............................................. 21
Using the Disc Menu ........................................ 21
Zooming in ................................................................ 21
Resuming playback from the last stopped point ............................................................ 21
Slow motion .................................................... 21
Using the OSD menu ........................................ 21
Special DVD features ........................................... 22
Playing a Title ................................................. 22
Camera Angle ................................................... 22
Changing the Audio Language ............................................. 22
Subtitles .......................................................... 22
Special VCD & SVCD Features ............. 22-23
Playback Control (PBC) .............................. 22
Preview .................................................... 22-23
Playing Super Audio CD (SACD) .......... 22-23
Playing DivX disc ........................................... 23
Playing MP3/WMA/MPEG-4/JPEG/Kodak Picture CD .................................................... 24
General Operation ........................................ 24
Selecting a folder and track/file .......... 24
Special picture disc features ................. 25
Preview Function ........................................ 25
Zoom picture .................................................. 25
Playback with multi-angles ................ 25
Scan Effect ..................................................... 25
Playing MP3/WMA music and JPEG picture simultaneously ........................................ 25

Playable Discs ................................................. 19
Region Codes ................................................. 19
Playing discs ................................................. 19
Basic playback controls ................................................. 20
Selecting various repeat/shuffle functions 20
Repeat play mode ............................................. 20
Repeating a section within a chapter/track ........................................................... 20
Operations for video playback ............................................. 21
Using the Disc Menu ........................................ 21
Zooming in ................................................................ 21
Resuming playback from the last stopped point ............................................................ 21
Slow motion .................................................... 21
Using the OSD menu ........................................ 21
Special DVD features ........................................... 22
Playing a Title ................................................. 22
Camera Angle ................................................... 22
Changing the Audio Language ............................................. 22
Subtitles .......................................................... 22
Special VCD & SVCD Features ............. 22-23
Playback Control (PBC) .............................. 22
Preview .................................................... 22-23
Playing Super Audio CD (SACD) .......... 22-23
Playing DivX disc ........................................... 23
Playing MP3/WMA/MPEG-4/JPEG/Kodak Picture CD .................................................... 24
General Operation ........................................ 24
Selecting a folder and track/file .......... 24
Special picture disc features ................. 25
Preview Function ........................................ 25
Zoom picture .................................................. 25
Playback with multi-angles ................ 25
Scan Effect ..................................................... 25
Playing MP3/WMA music and JPEG picture simultaneously ........................................ 25
Contents

DVD Menu Options
General Setup menu .............................. 26-27
  Locking/Unlocking the disc for viewing ... 26
  Dimming system’s display screen .......... 26
  Programming disc tracks ....................... 26-27
  OSD Language ......................................... 27
  Screen Saver - turning on/off ............... 27
  Sleep ...................................................... 27
  DivX VOD registration code ................. 27
Audio Setup Menu .................................. 28-29
  Analogue output ..................................... 28
  Digital Audio Setup .............................. 28
  Sound Mode .......................................... 29
  Speaker setup ....................................... 29
  CD Upsampling ..................................... 29
  Night Mode - turning on/off ............... 29
Video Setup Menu ................................ 30-32
  TV Type .................................................. 30
  Setting the TV Display ......................... 30
  Progressive - turning on/off ............... 31
  Picture Setting ....................................... 31-32
  Switching the YUV/RGB ......................... 32
Preference Page .................................... 33-35
  Audio, Subtitle, Disc Menu .................. 33
  Restricting playback by Parental Control .. 33-34
  PBC ....................................................... 34
  MP3/JPEG Menu - turning on/off .......... 34
  Changing the Password ........................ 35
  Setting the DivX Subtitle font .............. 35
  Restoring to original settings .............. 35
Sound and Volume Controls
  Setting the speakers’ channels .............. 36
  Selecting surround sound ..................... 37
  Selecting digital sound effects ............. 37
  Volume control .................................... 37
Troubleshooting ................................... 38-39
Specifications ....................................... 40
Glossary .............................................. 41
**Introduction**

**Supplied accessories**

Remote Control and two AA batteries

**Care and safety information**

- **Power consumption**
  - When the system is switched to Standby mode, it is still consuming power. To disconnect the system from the power supply completely, remove the AC power plug from the wall jack.

- **Avoid high temperatures, moisture, water and dust**
  - Do not expose the player, batteries or discs to humidity, rain, sand or excessive heat (caused by heating equipment or direct sunlight.)

- **Avoid condensation problem**
  - The lens may cloud over when the player is suddenly moved from cold to warm surroundings, making it impossible to play a disc. Leave the player in the warm environment until the moisture evaporates.

- **Do not block the vents**
  - Do not operate the DVD Player in an enclosed cabinet. Allow about 10 cm (4 inch) of free space all around the player for adequate ventilation.

- **Care of the cabinet**
  - Use a soft cloth slightly moistened with a mild detergent solution. Do not use a solution containing alcohol, spirits, ammonia or abrasives.

- **Finding a suitable location**
  - Place the player on a flat, hard, and stable surface.

- **Disc handling**
  - To clean a CD, wipe it in a straight line from the center towards the edge using a soft, lint-free cloth. A cleaning agent may damage the disc!
  - Write only on the printed side of a CDR(W) and only with a soft felt-tipped pen.
  - Handle the disc by its edge, do not touch the surface.
**Connections**

**Connecting TV**

**IMPORTANT!**
- You only need to make one video connection from the following options, depending on the capabilities of your TV system.
- Connect the DVD system directly to the TV.
- A SCART connection will let you use features both Audio and Video on the DVD Player.

**Using SCART jack**

- Use the SCART cable (black) to connect the DVD Player’s SCART jack (*TV OUT*) to the corresponding Scart input jacks on the TV (cable not supplied).

**Helpful Hint:**
- Ensure that the “TV” indication on SCART cable is connected to the TV set and “DVD” indication on SCART cable is connected to the DVD Player.

**Using Composite Video jacks (CVBS)**

1. Use the composite video cable (yellow) to connect the DVD Player’s CVBS (VIDEO) jack to the video input jack (or labeled as A/V In, Video In, Composite or Baseband) on the TV (cable not supplied).
2. To hear the sound of this DVD Player through your TV, use the audio cables (white/red) to connect AUDIO OUT [FRONT (L/R)] jacks of the DVD Player to the corresponding AUDIO IN jacks on the TV (cable not supplied).
Connections

IMPORTANT!
- The progressive scan video quality is only possible when using Y, Pb, Pr and a progressive scan TV is required.

Using Component Video jacks (Y, Pb, Pr)
1. Use the component video cables (red/blue/green) to connect the DVD system’s Y, Pb, Pr jacks to the corresponding component video input jacks (or labeled as Y, Pb, Pr) on the TV (cable not supplied).
2. To hear the sound of this DVD Player through your TV, use the audio cables (white/red) to connect AUDIO OUT [FRONT (L/R)] jacks of the DVD Player to the corresponding AUDIO IN jacks on the TV (cable not supplied).
3. Proceed to page 16 for detailed Progressive Scan set up.

IMPORTANT!
- If your TV only has a single Antenna In jack (or labeled as 75 ohm or RF in), you will need an RF modulator in order to view the DVD playback on the TV. See your electronics retailer or contact Philips for details on RF modulator availability and operations.

Using an accessory RF modulator
1. Use the composite video cable (yellow) to connect the DVD Player’s VIDEO OUT jack to the video input jack on the RF modulator.
2. Use the RF coaxial cable (not supplied) to connect the RF modulator to your TV's RF jack.
After everything is connected properly, plug in the AC power cord to the power outlet. Never make or change any connections with the power switched on.

When no disc is loaded, press STANDBY ON on the DVD Player front panel, “NO DISC” may appear on the display panel.

Optional: Connecting to a Multi-channel Receiver

Receiver has a Dolby Digital or DTS decoder

1. Select one of the video connections (CVBS VIDEO IN, S-VIDEO IN, SCART or COMPONENT VIDEO IN) depending on the options available on your TV.
2. Connect the Audio Out Left and Right jack for Front and Rear speakers to the corresponding input sockets on your Receiver (cable not supplied).
3. Connect the Audio Out for Center speaker and Subwoofer to the corresponding inputs on your Receiver (cable not supplied).
4. Set the DVD Player’s Analog O utput to ‘Multichannel’ to enable playback of DVDs recorded in Multi-channel. (see page 28 “Analogue output”).

Helpful Hint:
- If the subwoofer is equipped with its own amplifier, the Subwoofer connection should be connected directly to the subwoofer.
Connections

Optional: Connecting to an Audio System

1. Select one of the video connections (CVBS VIDEO IN, SCART or COMPONENT VIDEO IN) depending on the options available on your TV.

2. Use the audio cables (white/red) to connect AUDIO OUT [FRONT (L/R)] jacks of the DVD Player to the corresponding AUDIO IN jacks on the stereo system (cable not supplied).

Optional: Connecting Digital AV Receiver

1. Select one of the video connections (CVBS VIDEO IN, SCART or COMPONENT VIDEO IN) depending on the options available on your TV.

2. Connect the COAXIAL jack of the DVD Player to the corresponding Digital Audio In jack on your Receiver (cable not supplied).

3. Set the DVD Player's Digital Output to PCM-ONLY or ALL depending on the capabilities of your Receiver (see page 28 “Digital Output”).

Helpful Hint:
- 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.
Functional Overview

Front and Rear Panels

- TV OUT – Connect to Scart input of a TV
- Multichannel Audio Out – Center speaker, subwoofer, front and rear speakers multichannel connection
- COAXIAL (Digital audio out) – Connect to coaxial AUDIO input of a digital audio equipment

STANDBY-ON – To switch the DVD Player to Standby mode or ON

Disc tray

OPEN/CLOSE – Open/Close the disc tray

Display

- Shows the current status of the DVD Player

NEXT

- To search or select next chapter or track

PREV

- To search or select previous chapter or track

STOP

- To stop playback

PLAY

- To start or interrupt playback

IR Sensor

- Point the remote control towards this sensor

Mains (AC Power Cord)

- Connect to a standard AC outlet

VIDEO OUT (CVBS)

- Connect to CVBS Video input of a TV

YPbPr (Component Video Out)

- Connect to YPbPr input of a TV

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

Remote Control

**RETURN/TITLE**
- To go back to previous menu/show title menu

**DISC MENU**
- Enters or exits the disc contents menu
- Switches on or off the playback control mode (for VCD version 2.0 only)
- Selects an item in the menu/fast forward/backward, slow forward/backward

**OK**
- Acknowledge menu selection
- To search or select previous chapter or track

**STOP (■)**
- To stop playback

**PLAY (▶)**
- To start playback

**PAUSE (II)**
- To pause playback temporarily/ frame-by-frame playback

**REPEAT**
- Selects various repeat modes

**REPEAT (A-B)**
- Repeats playback a specific section on a disc

**PREVIEW**
- To preview the content of a track or whole disc

**MUTE**
- Disables or enables sound output

**POWER**
- To switch the DVD player to standby mode or ON

**0-9 numerical key pad**
- Selects numbered items in a menu

**DISPLAY**
- Displays information on TV screen during playback

**SYSTEM MENU**
- Access or exit DVD Player's system menu
- To search or select next chapter or track

**SUBTITLE**
- To access subtitle language system menu

**ANGLE**
- Selects a DVD camera angle

**ZOOM**
- Enlarge a picture on the TV screen

**AUDIO**
- To access audio language system menu

**DIM**
- Selects different levels of brightness for display panel

**SLEEP**
- Sets the sleep timer function

**SOUND**
- Selects a sound effect

**SURROUND**
- Selects multichannel surround or stereo mode

**Helpful Hint:**
Press "STOP" for about 2 seconds to OPEN or CLOSE disc tray.
Getting Started

Step 1: Inserting batteries into the Remote Control

1. Open the battery compartment.
2. Insert two batteries type R06 or AA, following the indications (+ −) inside the compartment.
3. Close the cover.

Using the Remote Control to operate the Player

1. Aim the Remote Control directly at the remote sensor (IR) on the front panel.
2. Do not put any objects between the Remote Control and the DVD Player while operating the DVD Player.

Step 2: Setting up the TV

IMPORTANT!
Make sure you have completed all the necessary connections. (See pages 9-10 “Connecting TV”).

1. Turn on the TV and set to the correct video-in channel. You should see the Philips DVD background screen on the TV.
2. Usually these channels are between the lowest and highest channels and may be called FRONT, A/V IN, or VIDEO. See your TV manual for more details.
   → Or, you may go to channel 1 on your TV, then press the Channel down button repeatedly until you see the Video In channel.
   → Or, the TV Remote Control may have a button or switch that chooses different video modes.
   → Or, set the TV to channel 3 or 4 if you are using an RF modulator.
3. If you are using external equipment, (eg. audio system or receiver), turn it on and select the appropriate input source for the DVD Player output. Refer to the equipment owner’s manual for detail.

CAUTION!
- Remove batteries if they are exhausted or if the Remote Control is not being 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 properly.
Setting up Progressive Scan feature
(for Progressive Scan TV only)

The progressive scan display twice the number of frames per seconds than interlaced scanning (ordinary normal TV system). With nearly double the number of lines, progressive scan offers higher picture resolution and quality.

**IMPORTANT!**
**Before enabling the progressive scan feature, you must ensure:**
1) Your TV can accept progressive signals, a progressive scan TV is required.
2) You have connected the DVD player to your TV using Y Pb Pr (see page 10.)

1. Turn on your TV.
2. Turn off your TV progressive scan mode or turn on interlaced mode (refer to your TV user manual.)
3. Press **POWER** on the remote control to turn on the DVD player.
4. Select the correct Video Input channel. (See page 15.)
   → The DVD background screen appears on the TV.
5. Press **SYSTEM MENU**.
6. Press ▶ repeatedly to select {VIDEO SETUP PAGE}.

   ![Video Setup Page](image)

7. Select {PROGRESSIVE} to {ON}, then **OK** to confirm.
   → The instruction menu appears on the TV.

   ![Activating Progression](image)

8. Press ◀ to highlight [OK] in the menu and press **OK** to confirm.
   → There will be a distorted picture on your TV at this state until you turn on the progressive scan mode on your TV.
   → Turn on your TV progressive scan mode (refer to your TV user manual.)
   → The below menu appears on the TV.

   ![Confirm Again to Use Progressive Scan](image)

9. Press ◀ to highlight [OK] in the menu and press **OK** to confirm.
   → The set up is complete now and you can start enjoy the high quality picture.

**TIPS:**
- To return to the previous menu, press ◀.
- To remove the menu, press **SYSTEM MENU**.
Selecting the colour system that corresponds to your TV

This DVD Player is compatible with both NTSC and PAL. In order for a DVD disc to play on this Player, the colour system of the disc, the TV and the DVD Player should match.

1. Press SYSTEM MENU.
2. Press ▶ repeatedly to select \{VIDEO SETUP PAGE\}.
3. Press ▲ ▼ to highlight \{TV TYPE\}, then press ▶.

**Getting Started**

**To deactivate Progressive manually**

- **When the distorted picture still appears on the TV**, it may be due to the connected TV does not accept progressive signals, and progressive is set by mistake. You must reset the unit to interlace format.

1. **Turn off** your TV progressive scan mode or turn on to interlaced mode (refer to your TV user manual.)
2. Press OPEN/CLOSE on the DVD player to open the disc tray.
3. Press numeric keypad ‘1’ on the remote control for few seconds. ➜ The DVD blue background screen will appear on the TV.

4. Press ▲ ▼ to highlight one of the options below:
   - **PAL** - Select this if the connected TV is PAL system. It will change the video signal of a NTSC disc and output in PAL format.
   - **NTSC** - Select this if the connected TV is NTSC system. It will change the video signal of a PAL disc (VCD only) and output in NTSC format.
   - **Multi** - Select this if the connected TV is compatible with both NTSC and PAL (multi-system). The output format will be in accordance with the video signal of the disc.
5. Select an item and press OK.

**Helpful Hints:**

- **Before changing the current TV Standard setting**, ensure that your TV supports the ‘selected TV Type’ system.
- **If there is no proper picture on your TV**, wait for 15 seconds for auto recovery.

**CHANGING PAL TO NTSC:**

1. **ENSURE THAT YOUR TV SUPPORTS NTSC STANDARD.**
2. **IF THERE IS A DISTORTED PICTURE DISPLAYED ON THE TV**, WAIT 15 SECONDS FOR AUTO RECOVER.

**CANCEL**

**OK**

**CONFIRM AGAIN TO USE NEW TV TYPE SETTING.**

**CANCEL**

**TIPS:**

- To return to the previous menu, press ◀.
- To remove the menu, press SYSTEM MENU.
Getting Started

Step 3: Setting language preference
You can select your preferred language settings. This DVD Player will automatically switch to the language for you whenever you load a disc.

Setting the OSD Language
The On-screen language for the system menu will remain as you set it, regardless of various disc languages.

1 Press SYSTEM MENU.
2 Press ► to select {GENERAL SETUP PAGE}.
3 Press ▲▼ to highlight {OSD LANGUAGE}, then press ►.
4 Press ▲▼ to select a language and press OK.

Setting the Audio, Subtitle and Disc menu language
You can choose your own preferred language or soundtrack from audio, subtitles and disc menu languages. If the language selected is not available on the disc, the disc’s default language will be used instead.

1 Press STOP twice then press SYSTEM MENU.
2 Press ► repeatedly to select {PREFERENCE PAGE}.
3 Press ▲▼ to highlight one of the options below at a time, then press ►.
   - ‘Audio’ (disc’s soundtrack)
   - ‘Subtitle’ (disc’s subtitles)
   - ‘Disc Menu’ (disc’s menu)
4 Press ▲▼ to select a language and press OK.
   If the language you want is not in the list, then select {OTHERS}, then use the numeric keypad (0-9) on the remote to enter the 4-digit language code ‘XXXX’ (see page 258 “Language Code”) and press OK.
5 Repeat steps 3-4 for other language settings.

TIPS:
To return to the previous menu, press ◄.
To remove the menu, press SYSTEM MENU.
Disc Operations

IMPORTANT!
- If the inhibit icon (ø) appears on the TV screen when a button is pressed, it means the function is not available on the current disc or at the current time.
- Depending on the DVD or VIDEO CD, some operations may be different or restricted.
- Do not push on the disc tray or put any objects other than disc on the disc tray. Doing so may cause the disc player malfunction.

Playable Discs
Your DVD Player will play:
- Digital Video Discs (DVDs)
- Video CDs (VCDs)
- Super Video CDs (SVCDs)
- Super Audio CDs (SACDs)
- Digital Video Discs + Recordable[Rewritable] (DVD +R[W])
- Compact Discs (CDs)
- MP3/WMA discs, picture (Kodak, JPEG) files on CD-R(W).
  - JPEG/ISO 9660 format
  - Maximum 30 characters display.
  - Supported sampling frequencies : 32 kHz, 44.1 kHz, 48 kHz (MPEG-1)
    16 kHz, 22.05 kHz, 24 kHz (MPEG-2)
  - Supported Bit-rates : 32~256 kbps (MPEG-1), 8~160 kbps (MPEG-2)
  - variable bitrates
- MPEG-4 disc on CD-R(W);
  - Simple profile
  - Advanced simple profile (640-480)
- DivX disc on CD-R(W) /DVD +R[W]
  - DivX 3.11, 4.x and 5.x
  - Q-pel accurate motion compensation
  - Global Motion Compensation (GMC) playback

TIPS: The operating features described here might not be possible for certain discs. Always refer to the instructions supplied with the discs.
Disc Operations

Basic playback controls
Unless otherwise stated, all operations described are based on Remote Control use.

Pausing playback
1. During playback, press PAUSE ➪. 
   ➜ Playback will pause and sound will be muted.
2. To resume normal playback, press PLAY ➪.

Selecting track/chapter
- Press ▶/◀ or use the numeric keypad (0-9) to key in a track/chapter number.
  ➜ If repeat mode is active, pressing ▶/◀ again will replay the same track/chapter.

Searching backward/forward
- Press and hold ▶/◀, then press PLAY ➪ to resume normal playback.
  ➜ While searching, pressing ▶/◀ repeatedly again will decrease/increase the search speed.

Stopping playback
- Press ■.

Selecting various repeat/shuffle functions

Repeat play mode
- While playing a disc, press REPEAT continuously to choose a ‘Play Mode’.

CHAPTER (DVD)
- to repeat playback of the current chapter.

TRACK/TITLE (CD/SVCD/VCD/DVD)
- to repeat playback of the current track (CD/SVCD/VCD)/title (DVD).

ALL
- to repeat playback of all the disc and all the programmed tracks.

Helpful Hint:
- For VCD, repeat playback is not possible if the PBC mode is switched on.

Repeating a section within a chapter/track
1. While playing a disc, press REPEAT A-B at your chosen starting point.
2. Press REPEAT A-B again at your chosen end point.
  ➜ The section A and B can be set only within the same chapter/track.
  ➜ The section will now repeat continuously.
3. To exit the sequence, press REPEAT A-B.

TIPS: The operating features described here might not be possible for certain discs. Always refer to the instructions supplied with the discs.
Disc Operations

Operations for video playback (DVD/VCD/SVCD)

Using the Disc Menu
Depending on the disc, a menu may appear on the TV screen once you load in the disc.

To select a playback feature or item
- Use ± keys or numeric keypad (0-9) on the remote, then press OK to start playback.

To access or remove the menu
- Press DISC MENU on the remote.

Zooming in
This function allows you to enlarge the picture on the TV screen and to pan through the enlarged picture.

1 During playback, press ZOOM repeatedly to display the picture with different scales.
   - Use ± keys to pan through the enlarged picture.
   - Playback will continue.
2 Press ZOOM repeatedly to return to the original size.

Resuming playback from the last stopped point
Resume playback of the last 5 discs is possible, even if the disc was ejected or the power switched off.

- Load one of the last 5 discs.
  - "LOAD" appears.
- Press PLAY and the disc will be played back from the last point.

To cancel resume mode
- In stop mode, press STOP again.

TIPS: The operating features described here might not be possible for certain discs. Always refer to the instructions supplied with the discs.

Slow Motion
1 Press ± during playback to select the required speed: 1/2, 1/4, 1/8 or 1/16 (backward or forward).
   - Sound will be muted.
2 To return to normal speed, press PLAY. 

Helpful Hint:
- Slow backward is not possible on VCDs.

Using the OSD menu
OSD menu shows the disc playback information (for example, title or chapter number, elapsed playing time, audio/subtitle language), a number of operations can be done without interrupting disc playback.

1 During playback, press DISPLAY.
   - A list of available disc information appears on the TV screen.

   **Menu**
   - Title: 01/01
   - Chapter: 01/12
   - Audio: CH1
   - Subtitle: Off
   - Bitrate: 61
   - Total Elapsed: 0:48:59

   **Menu**
   - Track: 01/01
   - Disc Time: 0:48:53
   - Track Time: 0:48:53
   - Repeat: Off
   - Bitrate: 61
   - Total Elapsed: 0:48:53

2 Press ± to view the information and press OK to access.
3 Press or OK to select an option.
4 Use the numeric keypad (0-9) to input the number/time or press ± to make the selection, then press OK to confirm.
   - Playback will change to the chosen time or to the selected title/chapter/track.

Helpful Hint:
- Slow backward is not possible on VCDs.
Disc Operations

**Special DVD Features**

### Playing a Title
1. Press **DISC MENU**. ➜ The disc title menu appears on the TV screen.
2. Use **▲▼◄►** keys or **numeric keypad (0-9)** to select a play option.
3. Press **OK** key to confirm.

### Camera Angle
- Press **ANGLE** repeatedly to select different desired angle.

### Changing the Audio Language
**For DVD**
- Press **AUDIO** repeatedly to select different audio languages.

### Changing the Audio Channel
**For VCD**
- Press **AUDIO** to select the available audio channels provided by the disc (LEFT MONO, RIGHT MONO, MIX-MONO, STEREO).

### Subtitles
- Press **SUBTITLE** repeatedly to select different subtitle languages.

**Special VCD & SVCD Features**

### Playback Control (PBC)
**For VCD with Playback Control (PBC) feature (version 2.0 only)**
- Press **DISC MENU** to toggle between ‘PBC ON’ and ‘PBC OFF’.
  ➜ If you select ‘PBC ON’, the disc menu (if available) will appear on the TV.
  ➜ Use the **◄►** or the numeric keypad (0-9) to select a play option.
- During playback, pressing **RETURN/TITLE** will return to the menu screen (if PBC is on).

**If you want to skip the index menu and playback directly from the beginning,**
- Press **DISC MENU** key on the remote control to switch to PBC off.

### Preview Function (DVD/VCD)
The preview function allows you to reduce the picture of 6 tracks enough to display in a full screen.
1. Press **PREVIEW**. ➜ The preview menu appears on the TV screen.

---

**TIPS:** The operating features described here might not be possible for certain discs. Always refer to the instructions supplied with the discs.
Disc Operations

Playing a DivX disc
This DVD player supports the DivX movie playback that you download from your computer onto a CD-R/RW (see page 27 for more information).

1. Load a DivX disc.
   → Playback will start automatically. If not press PLAY button.

2. If the DivX movie contains external subtitles, the subtitle menu will appear on the TV screen for your selection.
   - In this case, pressing SUBTITLE on the remote control will turn on or off the subtitle.
   - If multilingual subtitles are embedded on the DivX disc, pressing SUBTITLE will change the subtitle language during playback.

Helpful Hints:
- Subtitle files with the following filename extensions (.srt, .smi, .sub, .ssa, .ass) are supported but do not appear on the file navigation menu.
- The subtitle filename have to be the same as the filename of the movie.

Playing Super Audio CD (SACD)
There are three types of SACD discs: single layer, double layer or hybrid disc. The hybrid disc contains both Super Audio CD and standard audio CD layers, only the SACD layer is possible to playback on this DVD player.

1. Load a SACD.
   → The disc menu appears on the TV screen.

2. Playback will start automatically.
   → If the SACD consists of multi-channel and stereo tracks, multi-channel tracks will have the priority for playback.
   → To playback stereo tracks, use ▲, ▼ keys to make your selection from the disc menu, then press PLAY button.

Helpful Hints:
- SURROUND button is not functional for SACD playback.You have to access to the disc menu in order to select between multi-channel and stereo tracks.
- Programme SACD tracks is not possible.

TIPS: The operating features described here might not be possible for certain discs. Always refer to the instructions supplied with the discs.
Disc Operations

Playing MP3/WMA/MPEG-4/ JPEG/Kodak Picture CD

IMPORTANT!
You have to turn on your TV and set to the correct Video In channel. (See page 15 “Setting up the TV”).

General Operation

1. Load a disc.
   - The disc reading time may exceed 30 seconds due to the complexity of the directory/file configuration.
   - The data disc menu appears on the TV screen.
2. Playback will start automatically. If not press PLAY ▶.

Selecting a folder and track/file

1. Press ▲▼ to select the folder and press OK to open the folder.
2. Press ▲▼ to select a track/file.
3. Press ◁ △ ▶ ▼ to go to previous/next page.
4. Press OK to confirm.
   - Playback will start from the selected file to the end of the folder.
   - To select another folder from the current disc, press ◁ to return to the root menu, then press ▲▼ to make your selection and press OK to confirm.

During playback, you can;
- Press ◁ △ ▶ ▼ to select another track/file in the current folder.
- Press REPEAT continuously to access different ‘Play Mode’.
  - FOLDER: files will be played back once.
  - REPEAT ONE: one file being played repeatedly.
  - REPEAT FOLDER: all files in one folder being played repeatedly.
  - SHUFFLE: all files in the current folder being played at random order.
- Press II to pause playback.

Helpful Hints:
- It may not be possible to play certain MP3/WMA/JPEG/DivX/MPEG-4 disc due to the configuration and characteristics of the disc or condition of the recording.
- It is normal to experience an occasional “skip” while listening to your MP3/WMA disc.
- It is normal to experience an occasional pixelation during MPEG-4/DivX playback due to poor clarity of digital contents during internet downloading.
- For multi-session discs with different formats, only the first session will be available.

TIPS: The operating features described here might not be possible for certain discs. Always refer to the instructions supplied with the discs.
Disc Operations

Special picture disc features

IMPORTANT!
You have to turn on your TV and set to the correct Video In channel. (See page 15 “Setting the TV”).

- Load a Picture disc (Kodak Picture CD, JPEG).
  - For Kodak disc, the slide show will begin.
  - For JPEG disc, the picture menu appears on the TV screen. Press PLAY ▶ to start the slide-show playback.

Preview Function (JPEG)
This function shows the content of the current folder or the whole disc.

1. Press STOP during playback.
   → 12 thumbnail pictures will appear on the TV screen.

2. Press ← / → to display the other pictures on the previous/next page.
3. Use ◄ ► ▲ ▼ to highlight one of the picture and press OK to start playback.
4. Press DISC MENU to return to Picture CD menu.

Zoom picture

1. During playback, press ZOOM repeatedly to display the picture with different scales.
2. Use ◄ ► ▲ ▼ keys to view the zoomed picture.

Playback with multi-angles

1. During playback, press ▲ ▼ ◄ ► to rotate the picture on the TV screen.
   ▲: flip the picture vertically
   ▼: flip the picture horizontally
   ◄: rotate the picture anti-clockwise
   ►: rotate the picture clockwise

Scan Effect

- Press ANGLE repeatedly to choose different scan effect.
  → Various scan effect appears on the top left hand corner on the TV screen.

Playing MP3/WMA music and JPEG picture simultaneously

1. Load a disc that contains music and picture.
   → The disc menu appears on the TV screen.
2. Select an MP3/WMA track.
3. During MP3/WMA music playback, select a picture from the TV screen and press PLAY ▶.
   → The picture files will be played back one after another until end of the folder.
4. To quit simultaneous playback, press ■ followed by DISC MENU.

Helpful Hint:
- Some files on Kodak or JPEG disc may be distorted during playback due to the configuration and characteristics of the disc.

Tips:
The operating features described here might not be possible for certain discs. Always refer to the instructions supplied with the discs.
THI S D V D P L A Y E R s e t u p i s c a r r i e d o u t v i a 
the TV, enabling you to customise the 
D V D P L A Y E R t o s u i t y o u r p a r t i c u l a r 
requirements.

**General Setup menu**

1. In disc mode, press **SYSTEM MENU**.
2. Press **1 2** to select ‘General Setup’ icon.
3. Press **OK** to confirm.

---

**Locking/Unlocking the disc for viewing**

Not all discs are rated or coded by the disc maker. You can prevent a specific disc from playing by locking the disc. Up to 40 discs can be locked.

1. In ‘GENERAL SETUP PAGE’, press **3 4** to highlight ‘DISC LOCK’, then press **2**.

**LOCK**

Select this to block the playback of the current disc. Subsequent access to a locked disc requires six-digit password.

The default password is ‘136 900’ (see page 35 “Changing the password”).

**UNLOCK**

Select this to unlock the disc and allow future playback.

2. Press **1 2** to select a setting, then press **OK** to confirm your selection.

---

**Dimming player’s display panel**

You can select different levels of brightness for the display screen.

1. In ‘GENERAL SETUP PAGE’, press **1 2** to highlight ‘DISPLAY DIM’, then press **3**.

- **100%** - Select this for full brightness.
- **70%** - Select this for medium brightness.
- **40%** - Select this for dimming the display.

2. Press **1 2** to select a setting, then press **OK** to confirm your selection.

---

**Programming disc tracks (not for Picture CD/MP3/WMA/SACD)**

You can play the contents of the disc in the order you want by programming the tracks to be played. Up to 20 tracks can be stored.

1. In ‘GENERAL SETUP PAGE’, press **1 2** to highlight ‘PROGRAM’, then press **3** to select ‘INPUT MENU’.
2. Press **OK** to confirm.

---

**To input your favourite tracks/chapter**

1. Use the numeric keypad (0-9) to enter a valid track/chapter number.
2. Use **1 2 3** keys to move the cursor to the next position.
3. If the track number is more than ten, press **1 2** to open the next page and proceed with programming or,
4. Use **1 2 3** keys to highlight ‘NEXT’ on the programme menu, then press **OK**.
5. Repeat steps 1-4 to input another track/chapter number.

---

**TIPS:**

To return to the previous menu, press **1**.
To remove the menu, press **SYSTEM MENU**.

---
DVD Setup Menu Options

If you want to remove a track
1. Use ◄►▲▼ keys to move the cursor to the track you want to remove.
2. Press OK to remove this track from the programme menu.

To start programme playback
1. Use ◄►▲▼ keys to highlight (START) on the programme menu, then press OK.
   → Playback will start with the selected tracks under the programmed sequence.

To exit programme playback
1. Use ◄►▲▼ keys to highlight (EXIT) on the programme menu, then press OK.

OSD Language
This menu contains various language options for display language on the screen. For details, see page 18.

Screen Saver - turning on/off
The screen saver will help to prevent your TV display device from becoming damaged.
1. In ‘GENERAL SETUP PAGE’, press ◄►▲▼ to highlight (SCREEN SAVER), then press ►.
   ON
   Select this if you wish to turn off the TV screen when disc playback is stopped or paused for more than 15 minutes.
   OFF
   Select this to disable the screen saver function.
2. Press ◄►▲▼ to select a setting, then press OK to confirm your selection.

Sleep
Sleep function allows you to turn off the DVD Player automatically after a preset time.
1. In ‘GENERAL SETUP PAGE’, press ◄►▲▼ to highlight (SLEEP), then press ►.
   15 Mins
   Turn off the DVD Player after 15 minutes.
   30 Mins
   Turn off the DVD Player after 30 minutes.
   45 Mins
   Turn off the DVD Player after 45 minutes.
   60 Mins
   Turn off the DVD Player after 60 minutes.
   OFF
   Turn off the sleep function.
2. Press ◄►▲▼ to select a setting, then press OK to confirm your selection.

DivX(R) VOD registration code
Philips provide you the DivX® VOD (Video On Demand) registration code that allows you to rent and purchase videos using the DivX® VOD service. For more information, visit us at www.divx.com/vod.
1. In ‘GENERAL SETUP PAGE’, press ◄►▲▼ to highlight (DIVX(R) VOD CODE), then press ►.
   → The registration code will appear.
2. Press OK to exit.
3. Use the registration code to purchase or rent the videos from DivX® VOD service at www.divx.com/vod. Follow the instructions and download the video onto a CD-R for playback on this DVD player.

Helpful Hints:
- All the downloaded videos from DivX® VOD can only be played back on this DVD player.
- Time search feature is not available during DivX movie playback.

TIPS:
To return to the previous menu, press ◄.
To remove the menu, press SYSTEM MENU.
**DVD Setup Menu Options**

**Audio Setup Menu**

1. In disc mode, press **SYSTEM MENU**.
2. Press ▲▼ to select 'Audio Setup' icon.
3. Press **OK** to confirm.

**Analog Output**

Set analogue output to match your DVD Player’s playback capability. This function can also be accessed via the **SURROUND** button on the remote.

1. In 'AUDIO SETUP PAGE', press ▲▼ to highlight 'ANALOG OUTPUT', then press ►.

- **Stereo**
  Select this option when output delivers sound from only the two front speakers.

- **LT/RT**
  Select this option if your DVD Player is connected to a Dolby Pro Logic decoder.

- **V SURR**
  Allows the DVD player to use virtual surround sound effects.

- **Multi Channel**
  Select this to enable Multi-channel output.

4. Press ▲▼ to select a setting, then press **OK** to confirm your selection.

**Digital Audio Setup**

The options included in Digital Audio Setup are: 'Digital Output' and 'LPCM Output'.

1. In 'AUDIO SETUP PAGE', press ▲▼ to highlight 'DIGITAL AUDIO SETUP', then press ►.
2. Press the ▲▼ keys to highlight an option.
3. Enter its submenu by pressing ►.
4. Press ▲▼ to select a setting, then press **OK** to confirm your selection.

**Digital Output**

Set the digital output according to your optional audio equipment connection.

- **Off**: Turn off the digital output.
- **All**: If you have connected your DIGITAL AUDIO OUT to a multi-channel decoder/receiver.
- **PCM Only**: Only if your receiver is not capable of decoding multi-channel audio.

Helpful Hints:
- If DIGITAL OUTPUT is set to 'All', all audio settings except MUTE are invalid.

**LPCM Output**

If you connect the DVD Player to a PCM compatible receiver via the digital terminals, such as coaxial or optical etc, you may need to adjust 'LPCM Output'. Discs are recorded at a certain sampling rate. The higher the sampling rate, the better the sound quality.

- **48kHz**: Playback a disc recorded at the sampling rate of 48kHz.
- **96kHz**: Playback a disc recorded at the sampling rate of 96kHz that can only be achieved in Stereo-Classic (Flat) mode.

Helpful Hint:
- LPCM Output can be selected only when PCM Only is activated.

**TIPS:**

To return to the previous menu, press ◄.
To remove the menu, press **SYSTEM MENU**.
**DVD Setup Menu Options**

**Sound Mode**
The options included in Sound Mode Setup are: ‘3D’, ‘Movie Mode’ and ‘Music Mode’.

1 In ‘AUDIO SETUP PAGE’, press ▲ ▼ to highlight [SOUND MODE], then press ►.
2 Press the ▲ ▼ keys to highlight an option.
3 Enter its submenu by pressing ►.
4 Press ▲ ▼ to select a setting, then press OK to confirm your selection.

**3D**
This function provides a virtual surround sound experience using just two speakers.
- Off, Living Room, Hall, Arena and Church

**Movie Mode**
Select a Sound Mode that matches the type of music you are playing. These preset Sound Modes adjust the frequency bands of the video to enhance your favourite movie sound track.
- Off, Sci-Fi, Action, Drama and Concert

**Music Mode**
Select a Sound Mode that matches the type of music you are playing. These preset Sound Modes adjust the frequency bands of the audio to enhance your favourite music.
- Off, Digital, Rock, Classic and Jazz

**CD Upsampling**
This feature allows you to convert your music CD to a higher sampling rate using sophisticated digital signal processing for better sound quality. If you have activated the upsampling, the player will automatically switch to stereo mode.

1 In ‘AUDIO SETUP PAGE’, press ▲ ▼ to highlight [CD_UPSAMPLING], then press ►.

**OFF**
Select this to disable CD-upsampling.

**88.2 kHz (X2)**
Select this to convert the sampling rate of the CDs twice higher than the original.

**176.4 kHz (X4)**
Select this to convert the sampling rate of the CDs four times higher than the original.

2 Press ▲ ▼ to select a setting, then press OK to confirm your selection.

**Helpful Hint:**
– CD upsampling feature is only applicable to stereo output setting.

**Night Mode - turning on/off**
In this mode, the high volume outputs are softened and low volume outputs are brought upward to an audible level. It is useful for watching your favourite action movie without disturbing others at night.

1 In ‘AUDIO SETUP PAGE’, press ▲ ▼ to highlight [NIGHT MODE], then press ►.

**ON**
Select this to level out the volume. This feature is only available for movies with Dolby Digital mode.

**OFF**
Select this when you want to enjoy the surround sound with its full dynamic range.

2 Press ▲ ▼ to select a setting, then press OK to confirm your selection.

**Speaker Setup**
This menu contains setup options for your audio output which makes the speaker setup system reproduce high quality surround sound. For details, see page 36-37.

**TIPS:**
To return to the previous menu, press ◀.
To remove the menu, press SYSTEM MENU.
DVD Setup Menu Options

**Video Setup Menu**

1. In disc mode, press **SYSTEM MENU**.
2. Press ◀▶ to select ‘Video Setup’ icon.
3. Press **OK** to confirm.

**Setting the TV Display**

Set the aspect ratio of the DVD Player according to the TV you have connected. The format you select must be available on the disc. If it is not, the setting for TV display will not affect the picture during playback.

1. In ‘VIDEO SETUP PAGE’, press ▲▼ to highlight (TV DISPLAY), then press ◀.
2. Press ▲▼ to highlight one of the options below:

   - **4:3 PAN SCAN** - Select this if you have a normal TV and want both sides of the picture to be trimmed or formatted to fit your TV screen.

   - **4:3 LETTER BOX** - Select this if you have a normal TV. In this case, a wide picture with black bands on the upper and lower portions of the TV screen will be displayed.

   - **16:9** - Select this if you have a wide-screen TV.

3. Select an item and press **OK**.

**TV Type**

This menu contains the options for selecting the colour system that matches the connected TV. For details, see page 17.

**TIPS:**

To return to the previous menu, press ◀.
To remove the menu, press **SYSTEM MENU**.
**DVD Setup Menu Options**

**Progressive - turning on/off**
In the progressive scan mode, you can enjoy the high quality picture with less flickers. It only works when you have connected the DVD player's Y Pb Pr jacks to your TV that supports the progressive video input. Otherwise, a distorted picture will appear on the TV. For proper progressive scan setup, see page 16.

1. In 'VIDEO SETUP PAGE', press ▲ ▼ to highlight [PROGRESSIVE], then press ►.

   **OFF**
   To disable Progressive Scan function.

   **ON**
   To enable Progressive Scan function.

2. Press ▲ ▼ to select a setting, then press OK to confirm your selection.
   - Follow the instructions shown on the TV to confirm the selection (if any).
   - If a distorted picture appears on the TV screen, wait for 15 seconds for auto recovery.

**Picture Setting**
This DVD Player provides three predefined sets of picture colour settings and one personal setting which you can define yourself.

1. In 'VIDEO SETUP PAGE', press ▲ ▼ to highlight [PICTURE SETTING], then press ►.

   **STANDARD**
   Select this for standard picture setting.

   **BRIGHT**
   Select this will make the TV picture brighter.

   **SOFT**
   Select this will make the TV picture softer.

   **PERSONAL**
   Select this to personalise your picture colour by adjusting the brightness, contrast, tint and colour (saturation).

2. Press ▲ ▼ to select a setting, then press OK to confirm your selection.

**TIPS:**
To return to the previous menu, press ◀.
To remove the menu, press SYSTEM MENU.
DVD Setup Menu Options

1. If you select {PERSONAL}, then proceed to steps 4-7.
   → The 'PERSONAL PICTURE SETUP' menu appears.

2. Press ▲▼ to highlight one of the following options.
   
   **BRIGHTNESS**
   Increase the value will brighten the picture or vice versa. Choose zero (0) for average setting.

   **CONTRAST**
   Increase the value will sharpen the picture or vice versa. Choose zero (0) to balance the contrast.

   **TINT**
   Increase the value will darken the picture or vice versa. Choose zero (0) for average setting.

   **COLOUR**
   Increase the value will enhance the colour in your picture or vice versa. Choose zero (0) to balance the colour.

3. Press ◄► to adjust the setting that best suit your personal preference.

4. Repeat steps 1-3 for adjusting other colour features.

5. Press OK to confirm.

Switching the YUV/RGB

This setting allows you to toggle the output of the video signal between RGB (on scart) and Y Pb Pr (YUV).

1. In ‘VIDEO SETUP PAGE’, press ▲▼ to highlight {COMPONENT}, then press ►.

   **YUV**
   Select this for Y Pb Pr connection.

   **RGB**
   Select this for Scart connection.

2. Press ▲▼ to select a setting, then press OK to confirm your selection.

Warning:
When the player is set to Y Pb Pr (YUV), some TV may not properly synchronise with player on the SCART connector.

TIPS:
To return to the previous menu, press ◄.
To remove the menu, press SYSTEM MENU.
**Preference Page**

1. Press ▶ twice to stop playback (if any), then press **SYSTEM MENU**.
2. Press ◄► to select the 'Preference Setup' icon.
3. Press **OK** to confirm.

---

**Audio, Subtitle, Disc Menu**

These menus contain various language options for audio, subtitle and disc menu which may be recorded on the DVD. For details, see page 18.

---

**Restricting playback by Parental Control**

Some DVDs may have a parental level assigned to the complete disc or to certain scenes on the disc. This feature lets you set a playback limitation level. The rating levels are from 1 to 8 and are country dependent. You can prohibit the playing of certain discs that are not suitable for your children or have certain discs played with alternative scenes.

1. In 'PREFERENCE PAGE', press ▲▼ to highlight {PARENTAL}, then press ►.

---

2. Press ▲▼ to highlight a rating level for the disc inserted and press **OK**.

   ➜ To disable Parental controls and have all Discs play, select {8 ADULT}.

---

**TIPS:**

To return to the previous menu, press ◄.

To remove the menu, press **SYSTEM MENU**.
DVD Setup Menu Options

*Changing the Password - cont'd*

1. Use the **numeric keypad (0-9)** to enter the six-digit password (see page 35 "Changing the password").
   - DVDs that are rated above the level you selected will not play unless you enter your six-digit password.

   **Helpful Hints:**
   - VCD, SVCD, CD have no level indication, so parental control function has no effect on these type of discs. This applies to most illegal DVD discs.
   - Some DVDs are not encoded with a rating though the movie rating may be printed on the Disc cover. The rating level feature does not work for such Discs.

*PBC*

You can set the PBC to ON or OFF. This feature is available only on Video CD 2.0 with playback control (PBC) feature. For details, see page 22.

*MP3/JPEG Menu - turning on/off*

MP3/JPEG Navigator can be set only if the disc is recorded with menu. It allows you to select different display menus for easy navigation.

1. In 'PREFERENCE PAGE', press ▲▼ to highlight (MP3/JPEG NAV), then press ►.

   **WITHOUT MENU**
   Select this to display all the files contained in the MP3/Picture CD.

   **WITH MENU**
   Select this to display only the folder menu of the MP3/Picture CD.

2. Press ▲▼ to select a setting, then press **OK** to confirm your selection.

*TIPS:*

To return to the previous menu, press ◄. To remove the menu, press **SYSTEM MENU.**
Setting the DivX Subtitle font

You can set the font type that supports the recorded DivX subtitle.

1. In 'PREFERENCE PAGE', press ▲▼ to highlight (DivX SUBTITLE), then press ► to select (CHANGE).

STANDARD
A standard list of English subtitle fonts provided by this DVD Player.

CYRILLIC
Select this to display a cyrillic subtitle fonts.

2. Press ▲▼ to select a setting, then press OK to confirm your selection.

Restoring to original settings

Setting the DEFAULT function will reset all options and your personal settings to the factory defaults, except your password for Parental Control and Disc Lock.

1. In 'PREFERENCE PAGE', press ▲▼ to highlight (DEFAULT), then press ► to select (RESET).

2. Press OK to confirm.

➜ All settings will now reset to factory defaults.

Changing the Password

The same password is used for both Parental Control and Disc Lock. Enter your six-digit password when prompted on the screen. The default password is 136 900.

1. In 'PREFERENCE PAGE', press ▲▼ to highlight (PASSWORD), then press ► to select (CHANGE).

2. Press OK to enter the 'Password Change Page'.

3. Use the numeric keypad (0-9) to enter your old six-digit password.

➜ When doing this for the first time, key in '136 900'.

➜ If you forget your old six-digit password, key in '136 900'.

4. Enter the new six-digit password.

5. Enter the new six-digit password a second time to confirm.

➜ The new six-digit password will now take effect.

6. Press OK to confirm.

TIPS: To return to the previous menu, press ◀. To remove the menu, press SYSTEM MENU.
Sound and Volume Controls

Setting the speakers’ channels

You can adjust the delay times (centre and surround only) and volume level for individual speakers. These adjustments let you optimise the sound according to your surroundings and setup.

IMPORTANT!
The speaker settings only available on Multi-channel audio outputs. You can also press SURROUND button on the remote to select Multi-channel.

1 Press STOP then press SYSTEM MENU.
2 Press ▶ repeatedly to select {AUDIO SETUP PAGE}.
3 Press ▲▼ to highlight {SPEAKER SETUP}, then press ▶.

Enter its submenu by pressing ▶.
4 Press ▲▼ to highlight one of the options below at a time, then press ▶.

{FRONT SPEAKERS, CENTER SPEAKER, REAR SPEAKERS}  
OFF – when no speaker is connected.
LARGE – when connected speakers can produce low frequency signals below 120Hz.
SMALL – when connected speakers cannot produce low frequency signals below 120Hz.

{SUBWOOFER}  
ON – when a subwoofer is connected.
OFF – when no subwoofer is connected.

{SPEAKER VOLUME}  
Volume level setting for individual speakers (-6dB ~ +6dB).

{SPEAKER DELAY}  
Delay times setting in relation to the listening position/distance for centre and surround speakers (1m ~ 10m).

Press ◄► to adjust the setting that best suit your surround sound needs.
6 Press OK to confirm.

Helpful Hints:
- Use the longer delay time settings when the rear speakers are closer to the listener than the front speakers.
- The test tone will be automatically generated to help you judge the sound level of each speaker.

TIPS:
To return to the previous menu, press ◄.
To remove the menu, press SYSTEM MENU.
Sound and Volume Controls

Selecting surround sound

- Press **SURROUND** on the remote to select : MULTICHANNEL or STEREO.
  - The availability of the various surround sound modes depends on the number of speakers used and the sound available on the disc.
  - The centre and rear speakers operate only in Multi-channel surround mode.
  - The available output modes for Multi-channel include: Dolby Digital, DTS (Digital Theater Systems) Surround and Dolby Pro Logic II.
  - Stereo broadcasts or recordings will produce some surround channel effects when played in a surround mode. However, mono (single channel sound) sources will not produce any sound from the rear speakers.

Helpful Hints:
- The SURROUND button is not functional for SACD playback. You have to access the disc menu in order to select between multi-channel and stereo tracks, see page 29.
- You are not able to select the surround sound mode if the system setup menu is turned on.

Selecting digital sound effects

Select a preset digital sound effects that matches your disc's content or that optimises the sound of the musical style you are playing.

- Press **SOUND** to select the available sound effect.

When playing movie discs, you can select : CONCERT, DRAMA, ACTION or SCI-FI.
When playing music discs, you can select : ROCK, DIGITAL, CLASSIC or JAZZ.

Helpful Hint:
- For flat sound output, select CONCERT or CLASSIC.

Volume control

To turn off the volume temporarily

- Press **MUTE** on the remote.
  - Playback will continue without sound and "MUTE" appears.
  - To restore the volume, press **MUTE** again, or increase the volume level.
**Troubleshooting**

**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 Philips for help.

<table>
<thead>
<tr>
<th>Problem</th>
<th>Solution</th>
</tr>
</thead>
<tbody>
<tr>
<td>No power</td>
<td>- Check if the AC power cord is properly connected.</td>
</tr>
<tr>
<td></td>
<td>- Press the STANDBY ON on the front of the DVD system to turn on the power.</td>
</tr>
<tr>
<td>No picture</td>
<td>- Refer to your TV's manual for correct Video In channel selection. Change the TV channel until you see the DVD screen.</td>
</tr>
<tr>
<td></td>
<td>- Check if the TV is switched on.</td>
</tr>
<tr>
<td></td>
<td>- If the progressive scan feature is activated but the connected TV does not support progressive signals or the cables are not connected accordingly, see page 16 for proper progressive scan set up or deactivate the progressive scan feature as below:</td>
</tr>
<tr>
<td></td>
<td>1) Turn off your TV progressive scan mode or turn on to interlaced mode.</td>
</tr>
<tr>
<td></td>
<td>2) Press OPEN/CLOSE to open the disc tray.</td>
</tr>
<tr>
<td></td>
<td>3) Press numeric keypad '1' on the remote control for few seconds.</td>
</tr>
<tr>
<td>Distorted picture</td>
<td>- Sometimes a small amount of picture distortion may appear depending on the disc being played back. This is not a malfunction.</td>
</tr>
<tr>
<td>Completely distorted picture or black/white picture with DVD</td>
<td>- Connect DVD Player directly to the TV.</td>
</tr>
<tr>
<td></td>
<td>- Make sure the disc is compatible with the DVD/Player.</td>
</tr>
<tr>
<td></td>
<td>- Ensure that the DVD Player's TV Type is set to match that of the Disc and your TV.</td>
</tr>
<tr>
<td>No sound or distorted sound</td>
<td>- Adjust the volume.</td>
</tr>
<tr>
<td></td>
<td>- Check that the speakers are connected correctly.</td>
</tr>
<tr>
<td>No audio at digital output</td>
<td>- Check the digital connections.</td>
</tr>
<tr>
<td></td>
<td>- Check if your receiver can decode MPEG-2 or DTS and if not, please make sure the digital output is set to PCM.</td>
</tr>
<tr>
<td></td>
<td>- Check if the audio format of the selected audio language matches your receiver capabilities.</td>
</tr>
<tr>
<td>No sound and picture</td>
<td>- Check that the RGB/SCART cable is connected to the correct device (See Connecting TV).</td>
</tr>
</tbody>
</table>

Visit us at www.philips.com/support for service support
## Troubleshooting

<table>
<thead>
<tr>
<th>Problem</th>
<th>Solution</th>
</tr>
</thead>
</table>
| Disc can't be played                         | - The DVD+R/CD-R must be finalised.  
- Ensure the disc label is facing up.  
- Check if the disc is defective by trying another disc.  
- If you have recorded a Picture CD or MP3/WMA CD yourself, ensure that your disc contains at least 10 pictures or 5 MP3/WMA tracks.  
- Region code incorrect.                                                                 |
| Picture freezes momentarily during playback  | - Check the disc for fingerprints/scratches and clean with a soft cloth wiping from centre to edge.                                     |
| 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.  
- Re-insert the batteries with their polarities (+/- signs) as indicated.                                                   |
| Buttons do not work                          | - To completely reset the player, unplug the AC cord from the AC outlet for 5-10 seconds.                                              |
| 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 jacket.                                         |
| DVD Players cannot read CDs/DVDs             | - Use a commonly available cleaning CD/DVD to clean the lens before sending the DVD Player for repair.                                |
| Menu items cannot be selected                | - Press STOP twice before selecting System Menu.  
- Depending on the disc availability, some menu items cannot be selected.                                                      |
| Unable to play DivX movies                   | - Check that the DivX file is encoded in 'Home Theater' mode with DivX 5.x encoder.                                                   |
| Unable to select Progressive Scan on/off     | - Check that the output of the video signal is switch to 'YUV'.                                                                      |
| No sound during DivX movies playback         | - The audio codec may not be supported by the DVD player.                                                                          |
| An MPEG-4 or DivX movies does not repeat     | - Check that file size of the movies does not exceed the file size of the CD disc during burning.                                  |

Visit us at www.philips.com/support for service support
Specifications

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

VIDEO PERFORMANCE
Video DAC 12 bit, 108mHz
YPbPr 0.7 Vpp — 75 ohm
Video Output 1 Vpp — 75 ohm
RGB (SCART) 0.7 Vpp — 75 ohm

VIDEO FORMAT
Digital Compression MPEG 2 for DVD, SVCD
MPEG 1 for VCD
MPEG-4 DivX

DVD
Horiz. resolution 720 pixels 720 pixels
Vertical resolution 576 lines 480 lines

VCD
Horiz. resolution 352 pixels 352 pixels
Vertical resolution 288 lines 240 lines

AUDIO FORMAT
Digital MPEG/AC-3/PCM
MPEG/MP3
MPEGAudio L3

Analog Sound Stereo
Dolby Surround compatible downmix from Dolby Digital multi-channel sound
Dolby Pro Logic II
3D sound for virtual 5.1 channel sound on 2 speakers

AUDIO PERFORMANCE
DA Converter 24 bit, 192 kHz
DVD fs 96 kHz 4 Hz- 44 kHz
fs 48 kHz 4 Hz- 22 kHz
SVCD fs 48 kHz 4 Hz- 22 kHz
fs 44.1kHz 4 Hz- 20 kHz
CD/VCD fs 44.1kHz 4 Hz- 20 kHz
Signal Noise (1kHz) > 100 dB
Dynamic range (1kHz) > 90 dB
Crosstalk (1kHz) > 100 dB
Distortion/noise (1kHz) > 85 dB
MPEG MP3 MPEG Audio L3

CONNECTIONS
Start Output Euroconnector
YPbPr Output Cinch 3x
Video Output Cinch (yellow)
Audio Output(L+R) Cinch (white/red)
Digital Output 1 coaxial
IEC60958 for CDDA / LPCM
IEC61937 for MPEG 1/2, Dolby Digital

6 channel analogue output
Audio Front L/R Cinch (white/red)
Audio Rear L/R Cinch (white/red)
Audio Centre Cinch (blue)
Audio Subwoofer Cinch (black)

CABINET
Dimensions (w x h x d) 435 x 37 x 265 mm
Weight Approximately 2.0 kg

POWER CONSUMPTION
Power Supply Rating 230V, 50Hz
Power consumption < 10 W
Power consumption in Standby mode < 0.8 W

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

**Analog**: Sound that has not been turned into numbers. Analog sound varies, while digital sound has specific numerical values. These jacks send audio through two channels, the left and right.

**Aspect ratio**: The ratio of vertical and horizontal sizes of a displayed image. The horizontal vs. vertical ratio of conventional TVs is 4:3, and that of widescreens is 16:9.

**AUDIO OUT jacks**: Jacks on the back of the DVD system that send audio to another system (TV, Stereo, etc.).

**Bit Rate**: The amount of data used to hold a given length of music; measured in kilobits per seconds, or kbps. Or, the speed at which you record. Generally, the higher the bit rate, or the higher the recording speed, the better the sound quality. However, higher bit rates use more space on a Disc.

**Chapter**: Sections of a picture or a music piece on a DVD that are smaller than titles. A title is composed of several chapters. Each chapter is assigned a chapter number enabling you to locate the chapter you want.

**Component Video Out jacks**: Jacks on the back of the DVD System that send high-quality video to a TV that has Component Video In jacks (R/G/B, Y/Pb/Pr, etc.).

**Disc menu**: A screen display prepared for allowing selection of images, sounds, subtitles, multi-angles, etc. recorded on a DVD.

**Digital**: Sound that has been converted into numerical values. Digital sound is available when you use the DIGITAL AUDIO OUT COAXIAL or OPTICAL jacks. These jacks send audio through multiple channels, instead of just two channels as analog does.

**DivX 3.11/4.x/5.x**: The DivX codec is a patent-pending, MPEG-4 based video compression technology, developed by DivX Networks, Inc., that can shrink digital video to sizes small enough to be transported over the internet, while maintaining high visual quality.

**Dolby Digital**: A surround sound system developed by Dolby Laboratories containing up to six channels of digital audio (front left and right, surround left and right, center and subwoofer).

**DTS**: Digital Theatre Systems. This is a surround sound system, but it is different from Dolby Digital. The formats were developed by different companies.

**JPEG**: A very common digital still picture format. JPEG is the abbreviation of Joint Photographic Expert Group, which features small decrease in image quality in spite of its high compression ratio.

**MP3**: A file format with a sound data compression system. "MP3" is the abbreviation of Motion Picture Experts Group 1 (or MPEG-1) Audio Layer 3. By using MP3 format, one CD-R or CD-RW can contain about 10 times as much data volume as a regular CD can.

**Multi-channel**: DVD is specified to have each sound track constitute one sound field. Multichannel refers to a structure of sound tracks having three or more channels.

**Parental Control**: A function of the DVD to limit playback of the disc by the age of the users according to the limitation level in each country. The limitation varies from disc to disc; when it is activated, playback will be prohibited if the software's level is higher than the user-set level.

**PCM (Pulse Code Modulation)**: A system for converting analog sound signal to digital signal for later processing with no data compression used in conversion.

**Playback control (PBC)**: Refers to the signal recorded on video CDs or SVCDs for controlling reproduction. By using menu screens recorded on a Video CD or SVCD that supports PBC, you can enjoy interactive-type software as well as software having a search function.

**Progressive Scan**: It displays all the horizontal lines of a picture at one time, as a signal frame. This system can convert the interlaced video from DVD into progressive format for connection to a progressive display. It dramatically increases the vertical resolution.

**Region code**: A system for allowing discs to be played back only in the region designated beforehand. This unit will only play discs that have compatible region codes. You can find the region code of your unit by looking on the product label. Some discs are compatible with more than one region (or ALL regions).

**Surround**: A system for creating realistic three-dimensional sound fields full of realism by arranging multiple speakers around the listener.

**Title**: The longest section of a picture or music feature on DVD, music, etc., in video software, or the entire album in audio software. Each title is assigned a title number enabling you to locate the title you want.

**VIDEO OUT jack**: Jack on the back of the DVD system that sends video to a TV.