# DVD HOME THEATER SYSTEM

HTS5510C

***Thank you for choosing Philips.***

## *Need help fast?*

*Read your Quick-Start Guide and/or User 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***

**PHILIPS**

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 HTS5510C
Serial No. _____

| | | | | | |
|---|---|---|---|---|---|
| Abkhazian | 6566 | Inupiaq | 7375 | Pushto | 8083 |
| Afar | 6565 | Irish | 7165 | Russian | 8285 |
| Afrikaans | 6570 | Íslenska | 7383 | Quechua | 8185 |
| Amharic | 6577 | Italiano | 7384 | Raeto-Romance | 8277 |
| Arabic | 6582 | Ivrit | 7269 | Romanian | 8279 |
| Armenian | 7289 | Japanese | 7465 | Rundi | 8278 |
| Assamese | 6583 | Javanese | 7486 | Samoan | 8377 |
| Avestan | 6569 | Kalaallisut | 7576 | Sango | 8371 |
| Aymara | 6589 | Kannada | 7578 | Sanskrit | 8365 |
| Azerhaijani | 6590 | Kashmiri | 7583 | Sardinian | 8367 |
| Bahasa Melayu | 7783 | Kazakh | 7575 | Serbian | 8382 |
| Bashkir | 6665 | Kernewek | 7587 | Shona | 8378 |
| Belarusian | 6669 | Khmer | 7577 | Shqip | 8381 |
| Bengali | 6678 | Kinyarwanda | 8287 | Sindhi | 8368 |
| Bihari | 6672 | Kirghiz | 7589 | Sinhalese | 8373 |
| Bislama | 6673 | Komi | 7586 | Slovensky | 8373 |
| Bokmål, Norwegian | 7866 | Korean | 7579 | Slovenian | 8376 |
| Bosanski | 6683 | Kuanyama; Kwanyama | 7574 | Somali | 8379 |
| Brezhoneg | 6682 | Kurdish | 7585 | Sotho; Southern | 8384 |
| Bulgarian | 6671 | Lao | 7679 | South Ndebele | 7882 |
| Burmese | 7789 | Latina | 7665 | Sundanese | 8385 |
| Castellano, Español | 6983 | Latvian | 7686 | Suomi | 7073 |
| Catalán | 6765 | Letzeburgesch; | 7666 | Swahili | 8387 |
| Chamorro | 6772 | Limburgan; Limburger | 7673 | Swati | 8383 |
| Chechen | 6769 | Lingala | 7678 | Svenska | 8386 |
| Chewa; Chichewa; Nyanja | 7889 | Lithuanian | 7684 | Tagalog | 8476 |
| 中文 | 9072 | Luxembourgish; | 7666 | Tahitian | 8489 |
| Chuang; Zhuang | 9065 | Macedonian | 7775 | Tajik | 8471 |
| Church Slavic; Slavonic | 6785 | Malagasy | 7771 | Tamil | 8465 |
| Chuvash | 6786 | Magyar | 7285 | Tatar | 8484 |
| Corsican | 6779 | Malayalam | 7776 | Telugu | 8469 |
| Česky | 6783 | Maltese | 7784 | Thai | 8472 |
| Dansk | 6865 | Manx | 7186 | Tibetan | 6679 |
| Deutsch | 6869 | Maori | 7773 | Tigrinya | 8473 |
| Dzongkha | 6890 | Marathi | 7782 | Tonga (Tonga Islands) | 8479 |
| English | 6978 | Marshallese | 7772 | Tsonga | 8483 |
| Esperanto | 6979 | Moldavian | 7779 | Tswana | 8478 |
| Estonian | 6984 | Mongolian | 7778 | Türkçe | 8482 |
| Euskara | 6985 | Nauru | 7865 | Turkmen | 8475 |
| Ελληνικά | 6976 | Navaho; Navajo | 7886 | Twi | 8487 |
| Faroese | 7079 | Ndebele, North | 7868 | Uighur | 8571 |
| Français | 7082 | Ndebele, South | 7882 | Ukrainian | 8575 |
| Frysk | 7089 | Ndonga | 7871 | Urdu | 8582 |
| Fijian | 7074 | Nederlands | 7876 | Uzbek | 8590 |
| Gaelic; Scottish Gaelic | 7168 | Nepali | 7869 | Vietnamese | 8673 |
| Gallegan | 7176 | Norsk | 7879 | Volapuk | 8679 |
| Georgian | 7565 | Northern Sami | 8369 | Walloon | 8765 |
| Gikuyu; Kikuyu | 7573 | North Ndebele | 7868 | Welsh | 6789 |
| Guarani | 7178 | Norwegian Nynorsk; | 7878 | Wolof | 8779 |
| Gujarati | 7185 | Occitan; Provencal | 7967 | Xhosa | 8872 |
| Hausa | 7265 | Old Bulgarian; Old Slavonic | 6785 | Yiddish | 8973 |
| Herero | 7290 | Oriya | 7982 | Yoruba | 8979 |
| Hindi | 7273 | Oromo | 7977 | Zulu | 9085 |
| Hiri Motu | 7279 | Ossetian; Ossetic | 7983 | | |
| Hrwatski | 6779 | Pali | 8073 | | |
| Ido | 7379 | Panjabi | 8065 | | |
| Interlingua (International) | 7365 | Persian | 7065 | | |
| Interlingue | 7365 | Polski | 8076 | | |
| Inuktitut | 7385 | Português | 8084 | | |

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# Contents

# Contents

# General Information

## Supplied accessories

Composite video
cable (yellow)

Audio cables
(red/white)
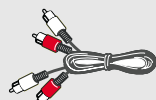
Interconnect cable

FM wire antenna

MW loop antenna

Remote control
and two batteries
(12nc: 3139 258 70091)
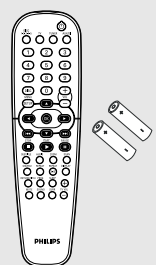
## Cleaning discs

To clean a disc, use a micro fibre cleaning
cloth and wipe the disc from the center
to the edge in a straight line.

**CAUTION!**
Do not use solvents such as benzene,
thinner, commercially available cleaners,
or anti-static sprays intended for discs.

Since the optical unit (laser) of the DVD
system operates at a higher power than
regular DVD or CD players, cleaning CDs
intended for DVD or CD players may
damage the optical unit (laser). Therefore,
refrain from using a cleaning CD.

## Setup

**Finding a suitable location**
– Place the set on a flat, hard and stable
surface. Do not place the set on a carpet.
– Do not position the set on top of
other equipment that might heat it up
(e.g., receiver or amplifier).
– Do not put anything under the set
(e.g., CDs, magazines).
– Install this system near the AC outlet
and where the AC power plug can be
reached easily.

**Space for ventilation**
– Place the apparatus in a location with
adequate ventilation to prevent internal
heat build up. Allow at least 10 cm (4.5″)
clearance from the rear and the top of
the set and 5cm (2.3″) from the left and
right to prevent overheating.

5cm (2.3″)

10cm (4.5″)    10cm (4.5″)

5cm (2.3″)
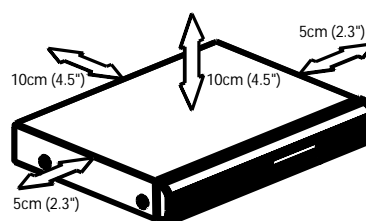
**Avoid high temperatures, moisture,
water and dust**
– Apparatus shall not be exposed to
dripping or splashing.
– Do not place any sources of danger on
the apparatus (e.g., liquid filled objects,
lighted candles).

## Step 1: Placing the speakers and subwoofer
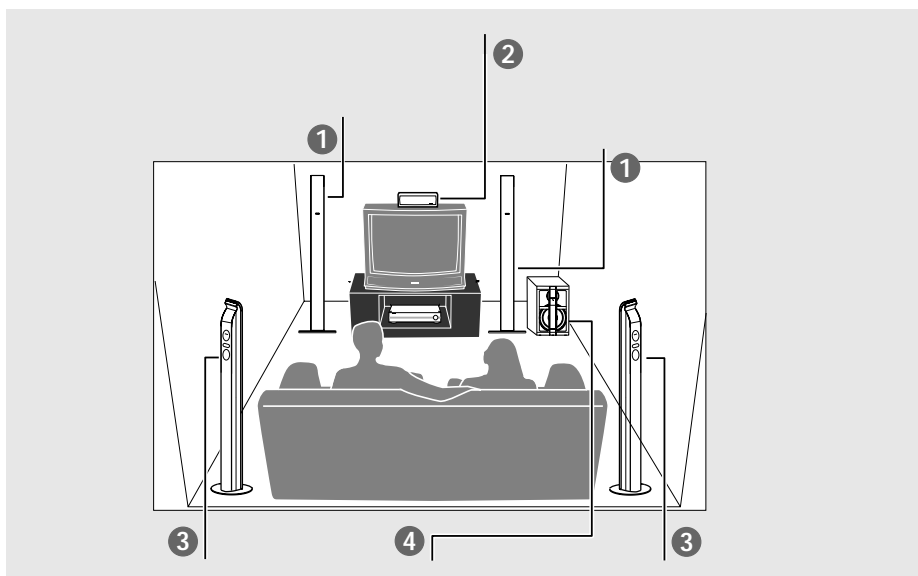


For best possible surround sound, all the speakers (except subwoofer) should be placed at the same distance from the listening position.

❶ Place the front left and right speakers at equal distances from the TV and at an angle of approximately 45 degrees from the listening position.

❷ Place the centre speaker above the TV or the DVD system so that the centre channel's sound is localised.

❸ Place the rear speakers at normal listening ear level facing each other or hang on the wall.

❹ Place the subwoofer on the floor near the TV.

*Helpful Hints:*
*– To avoid magnetic interference, do not position the front speakers too close to your TV.*
*– Allow adequate ventilation around the DVD system.*

# Connections (continued)

## Step 2: Connecting the DVD system, speakers and AV subwoofer
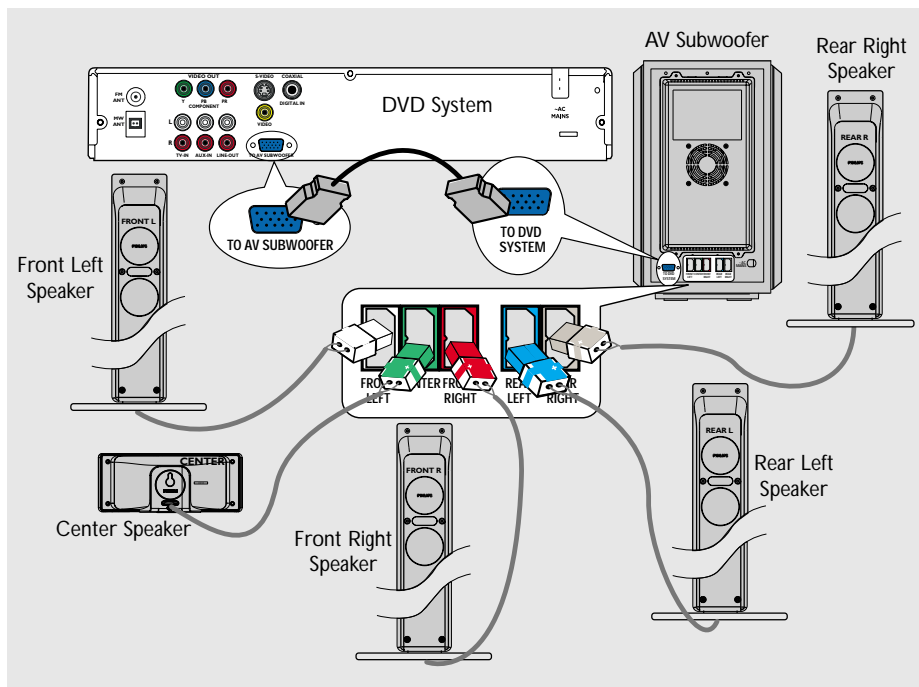


❶ Connect the supplied speaker to the rear of the AV subwoofer using the fixed speaker cables by matching the colours of the jacks and speaker connectors.

❷ Use the inter-connect cable to connect the DVD system's **TO AV SUBWOOFER** socket to the **TO DVD SYSTEM** socket at the back of the AV subwoofer.

*Helpful Hints:*
*– Ensure that the speaker cables are correctly connected. Improper connections may damage the system due to a short-circuit.*
*– To prevent unwanted noise, do not place the AV subwoofer too close to the DVD system, AC power adapter, TV or other radiation sources.*

## Step 3: Connecting to TV
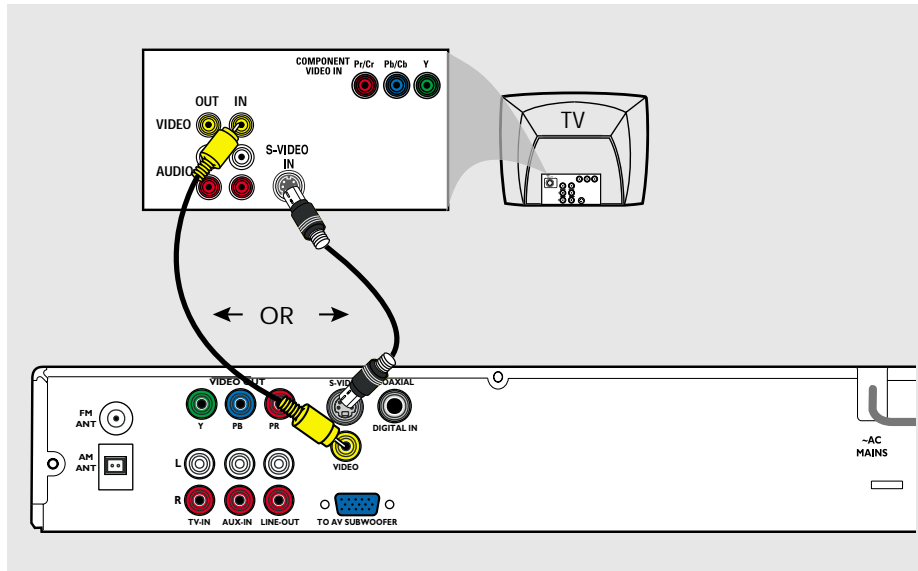


**IMPORTANT!**
**– You only need to make <u>one</u> video connection from the following options, depending on the capabilities of your TV.**
**– Connect the DVD system directly to the TV.**
**– Proceed to page 17 for setting up the TV once you have completed the connections.**

*Helpful Hints:*
*– To hear the TV channels through this DVD system, use the audio cables (white/red - not supplied) to connect AUDIO-TV IN sockets to the corresponding AUDIO OUT sockets on the TV.*

**Option 1: Using S-Video socket**

● Use an S-video cable (not supplied) to connect the DVD system's **S-VIDEO** socket to the S-Video input socket (or labelled as Y/C or S-VHS) on the TV.

*OR*

**Option 2: Using Composite Video socket**

● Use the supplied composite video cable (yellow) to connect the DVD system's **CVBS** socket to the video input socket (or labelled as A/V In, Video In, Composite or Baseband) on the TV.

# Connections (continued)

## Step 4: Connecting to a Progressive Scan TV
*(optional)*
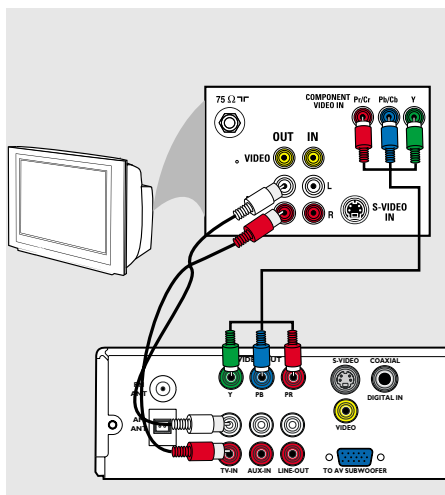


**IMPORTANT!**
**The progressive scan video quality is only possible when using Y Pb Pr and a progressive scan TV is required.**

**Option 3: Using Component (Y Pb Pr) Video jack**

➊ Use the component video cables (red/blue/green - not supplied) to connect the DVD system's **Y Pb Pr** jacks to the corresponding component video input jacks (or labeled as Y Pb/Cb Pr/Cr or YUV) on the TV.

➋ To hear the TV channels through this DVD system, use the audio cables (white/red - supplied) to connect the DVD system's **TV IN** jacks to the audio input jacks on the TV.

➌ Proceed to page 18 for detailed Progressive Scan set up.

## Step 5: Connecting FM/MW antennas
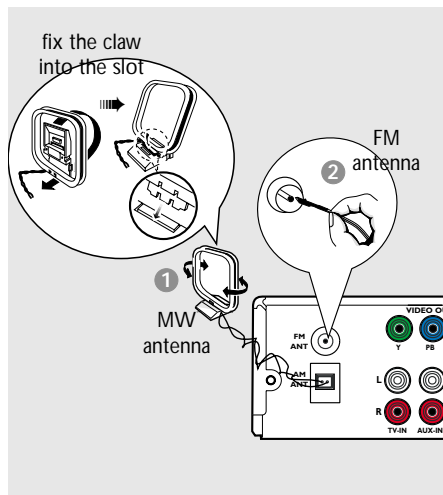


➊ Connect the supplied MW loop antenna to the **MW** jack. Place the MW loop antenna on a shelf, or attach it to a stand or wall.

➋ Connect the supplied FM antenna to the **FM** jack. Extend the FM antenna and fix its ends to the wall.

For better FM stereo reception, connect an external FM antenna (not supplied).
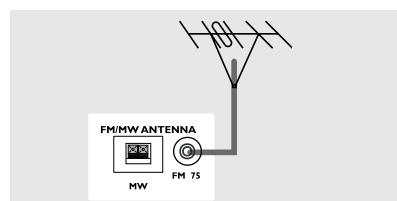


*Helpful Hints:*
*– Adjust the position of the antennas for optimal reception.*
*– Position the antennas as far as possible from your TV, VCR or other radiation source to prevent unwanted interference.*

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## Step 6: Connecting the power cord
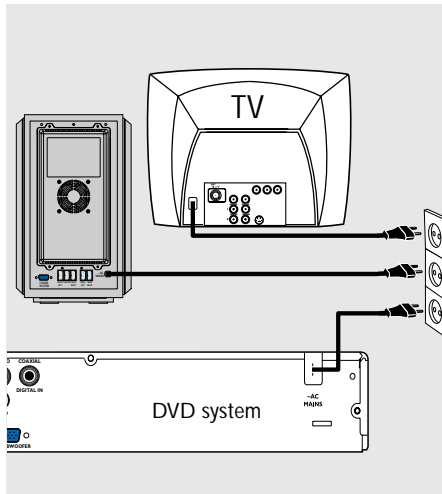


**After everything is connected properly, plug the AC power cord into the power outlet.**
The ECO POWER LED on the DVD system and AV Subwoofer LED will light up. Never make or change any connections with the power switched on.

*Helpful Hint:*
*– Refer to the type plate on the rear or bottom of the product for identification and supply ratings.*

# Optional Connections

## Connecting a VCR or Cable/Satellite Box



| **Viewing and listening to the playback** | **Using the VCR for recording DVD playback** |
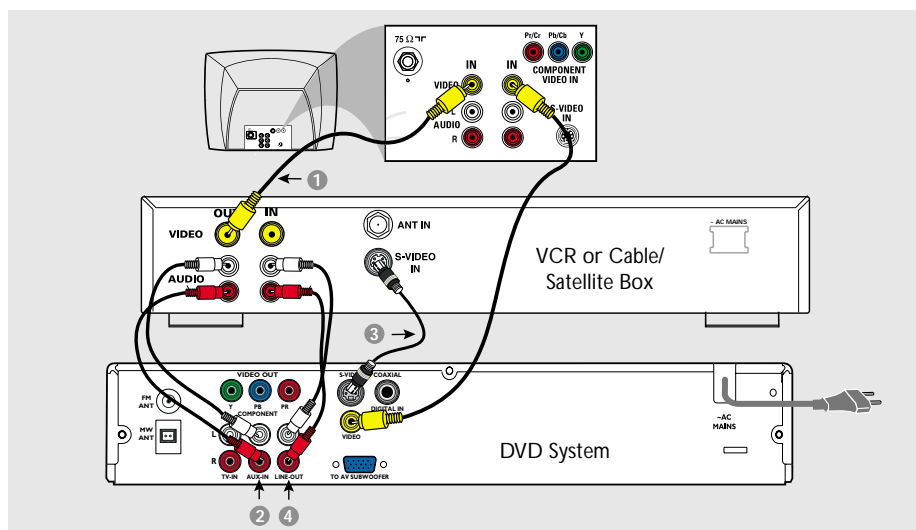
**Viewing and listening to the playback**

➊ Connect the VCR or Cable/Satellite Box to the TV as shown.

➋ Connect the DVD system's **AUX IN (R/L)** jacks to the AUDIO OUT jacks on the VCR or cable/satellite box.

Press **SOURCE** to select "*AUX/ANALOG*" in order to activate the input source.

**Using the VCR for recording DVD playback**

Some DVDs are copy-protected. You cannot record or dub protected discs using a VCR.

➌ Connect the DVD system's **S-VIDEO** jack to the S-VIDEO IN jack on the VCR.

➍ Connect the DVD system's **LINE OUT (R/L)** jacks to the AUDIO IN jacks on the VCR.
This will allow you to make analog stereo (two channel, right and left) recordings.

Before recording, set the volume level of the DVD system to level **1** and below, in order to enable sound output from the LINE OUT sockets.

**To view DVD playback while recording,**
you must connect the DVD system to your TV using a VIDEO OUT (as shown above) connection.

## Connecting digital audio equipment



**DIGITAL OUT**

(for example)
Set-Top Box/
Game Console

VIDEO OUT    S-VIDEO  COAXIAL

FM
ANT          Y    PB    PR        DIGITAL IN
                COMPONENT

MW
ANT          L                    VIDEO

             R                              ~AC
          TV-IN  AUX-IN  LINE-OUT  TO AV SUBWOOFER   MAINS
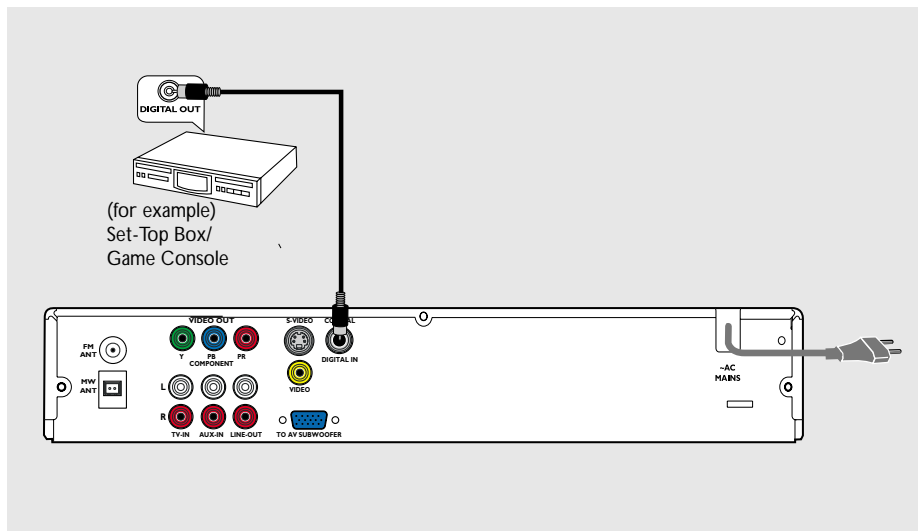
### Listening to the playback

● Connect the DVD system's **DIGITAL IN** jack to the DIGITAL OUT jack on a digital audio device.

Press **SOURCE** to select "AUX/ DIGITAL" in order to activate the input source.

*Helpful Hints:*
*– Always refer to the user manual of the other equipment for complete connection and use details.*
*– For your playback through DIGITAL IN connection, set the digital output of that player to PCM format.*

# Remote Control



**TV**: switches to TV source mode / *will switch Philips TV to AV source.
The sound from TV will come out through the DVD system.
**TUNER**: toggles between FM and MW band.
**AUX/DI**: toggles between AUX and DIGITAL IN external source mode.

③ **VOL** $+$ $-$
– Adjusts the volume level.

④ ◄► ▲ ▼
– DISC: selects movement direction in the menu or use ◄► to search backward/ forward when not in menu.
– TUNER: use ◄► to tune the radio frequency up/down, use ▲ ▼ to start auto tuning.

⑤ I◄◄ / ►►I
– DISC: *searches backward/forward or selects a track.
– TUNER: selects a preset radio station.

⑥ **PAUSE** II
– DISC: pauses playback.

⑦ **ZOOM**
– DISC: enlarges a picture on the TV screen.

⑧ **SCAN**
– DISC: preview the contents of a VCD or plays the first few seconds of each track within an Audio CD.

⑨ **DISPLAY**
– DISC: displays the current status or disc information and turns off PBC VCD2.0 (if PBC was on).

⑩ **REPEAT A-B**
– DISC: repeats a specific section on a disc.

⑪ **TV VOL** $+$ $-$
– Adjusts TV volume (Philips TV only.)

⑫ **SLEEP**
– Sets the sleep timer function.

① ⏻
– Switches to Eco Power standby mode, or turns on the system.

② **Source buttons**
**DISC 1-2-3-4-5**: switches to DISC source mode and select a desired disc tray for playback.

---

**\* = Press and hold the button for more than two seconds.**

⑬ **Numeric Keypad (0-9)**
– DISC: enters a track/title number.
– TUNER: enters the preset radio station number.

⑭ **DISC MENU**
– DISC: enters or exits disc contents menu.
– For VCD version 2.0 only; Turns on/off playback controls (PBC) mode.

⑮ **SETUP MENU**
– DISC: enters or exits system setup menu.

⑯ **OK**
– Confirms a selection.

⑰ **PLAY ▶**
– DISC: starts playback.

⑱ **STOP ■**
– Exits an operation.
– DISC: stops playback. *Hold down this button will open and close the disc tray.
– TUNER: *erases the current preset radio station.

⑲ **AUDIO**
– DISC: selects an audio language (DVD/ VCD) or an audio channel (CD.)

⑳ **SUBTITLE**
– DISC: selects a subtitle language.

㉑ **SHUFFLE**
– DISC: plays AudioCD tracks in random order.

㉒ **REPEAT**
– DISC: selects various repeat modes.

㉓ **RETURN/TITLE**
– To go back to previous menu.
– Displays the disc's Title menu (if available.)

㉔ **MUTE**
– Mutes or restores the volume.
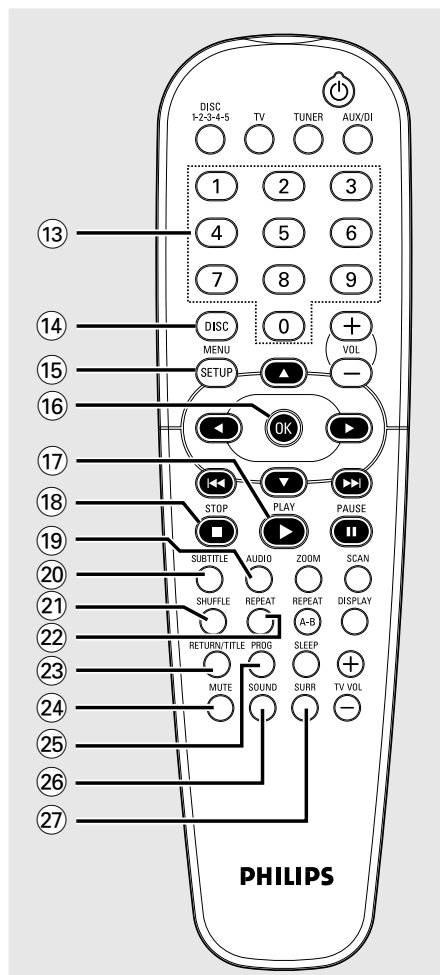
㉕ **PROG**
– DISC: starts programming.
– TUNER: starts *automatic/ manual preset programming.

㉖ **SOUND**
– Selects a sound effect.

㉗ **SURR**
– Selects multichannel surround or stereo mode.

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**\* = Press and hold the button for more than two seconds.**

# Main Unit
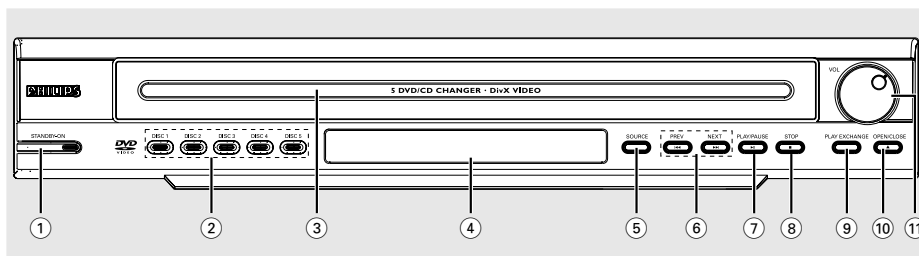


## ① STANDBY ON (⏻)
– Switches to Eco Power standby mode, or turns on the system.

## ② Disc direct play button (DISC 1~5)
– Selects a disc for playback.

## ③ 5 disc carousel tray

## ④ System display panel

## ⑤ SOURCE
– Selects the relevant active source mode: DISC, TUNER (FM/MW), TV or AUX/DI.

## ⑥ |◄◄ PREV / NEXT ►►|
– DISC: *searches backward/forward or selects a track.
– TUNER: selects a preset radio station.

## ⑦ ► ❚❚ PLAY/PAUSE
– DISC: starts/pauses playback.

## ⑧ ■ STOP
– Exits an operation.
– DISC: stops playback.
– TUNER: *erases the current preset radio station.

## ⑨ PLAY EXCHANGE
– Opens/Closes the disc tray without interrupting the current playback.

## ⑩ OPEN/CLOSE ▲
– Opens/Closes the disc tray.

## ⑪ VOL
– Adjusts the volume level.

## Step 1: Inserting batteries into the remote control
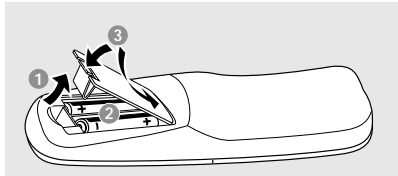


❶ Open the battery compartment.

❷ Insert two batteries type R06 or AA, following the indications ( + − ) inside the compartment.

❸ Close the cover.

**CAUTION!**
**– Remove batteries if they are exhausted or if the remote control is not to be used for a long time.**
**– Do not use old and new, or different types of batteries in combination.**
**– Batteries contain hazardous chemical substances, so they should be disposed of properly.**

### Using the remote control to operate the system
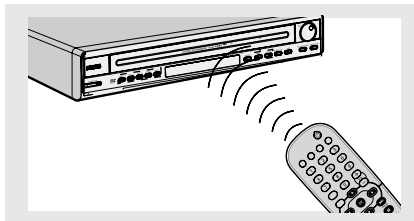


❶ Aim the remote control directly at the remote sensor (iR) on the front panel.

❷ Select the source you wish to control by pressing one of the source select buttons on the remote control (for example TV, TUNER.)

❸ Then select the desired function (for example ▶ , I◀◀, ▶▶I.)

## Step 2: Setting the TV

**IMPORTANT!**
**Make sure you have completed all the necessary connections. (See page 9-10 "Connecting to TV")**

❶ Press **SOURCE** control until "DV D/C D" appears on the display panel.

❷ Turn on the TV and set it to the correct video-in channel. You should see the blue DVD background screen on the TV.
→ Or, the TV remote control may have a button or switch that chooses between different video modes.
→ Or, set the TV to channel 3 or 4 if you are using an RF modulator.

# Getting Started (continued)

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 system to your TV using Y Pb Pr (see page 10.)

1 Turn off your TV progressive scan mode or turn on interlaced mode (refer to your TV user manual.)

2 Press **DISC** on the remote control to turn on the DVD system.

3 Turn on your TV and select the correct Video Input channel (see page 17.)
➜ The blue DVD background screen will appear on the TV.

4 Press **SETUP** on the remote control.

5 Press ▶ to select 'VIDEO SETUP PAGE.'

```
  ⚒   🔊   ▭   ▦   ⇱

    - - VIDEO SETUP PAGE - -

  TV TYPE
  TV DISPLAY
  PROGRESSIVE          ON
  PICTURE SETTING      OFF
```
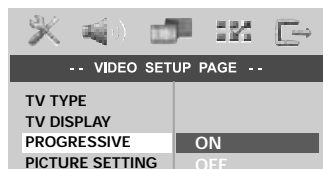
6 Select { **PROGRESSIVE** } > { **ON**, } then **OK** to confirm.
➜ The below menu will appear on the TV.

```
  HINTS:(refer to the owner's manual)
  ACTIVATING PROGRESSIVE:
  1. Ensure your TV has progressive scan.
  2. Connect with YPbPr(GBR) video cable.
  3. If there is a blank screen on normal TV,
     wait 15 seconds for auto recover.

        OK              Cancel

  < > - Move  OK - Select
```
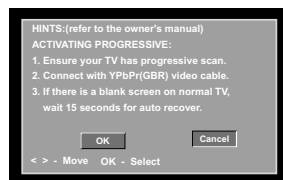
7 Press ◀ to highlight ▭ OK ▭ in the menu and press **OK** to confirm.

**There will be no picture on your TV at this state until you turn on the progressive scan mode on your TV.**

8 Turn on your TV progressive scan mode (refer to your TV user manual.)
➜ The below menu will appear on the TV.

```
  Confirm again to use progressive scan
  If picture is good press OK on remote

        OK              Cancel
```
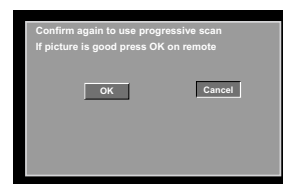
9 Press ◀ to highlight ▭ OK ▭ in the menu and press **OK** to confirm.
➜ The set up is complete now and you can start enjoy the high quality picture.

**If no picture:**
● Wait for 15 seconds for the auto recovery.
*OR*

1 Deactivate Progressive Scan feature by pressing the **OPEN CLOSE** ⏏ on the DVD system to open the disc tray.

2 Press ◀ on the remote control.

3 Press **MUTE** on the remote control.
➜ The blue DVD background screen will appear on the TV.

*Helpful Hint:*
*– There are some progressive scan TV and High-Definition TV sets that are not fully compatible with this DVD system, resulting in the unnatural picture when playing back a DVD VIDEO disc in the progressive scan mode. In such a case, turn off the progressive scan feature on both the DVD system and your TV set.*

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*TIPS:* The underlined option is the factory default setting.
To return to the previous menu, press ◀. To remove the menu, press **SETUP**.

# Getting Started (continued)

## Selecting the correspond color system

The color system of the DVD system, DVD and TV should match. Only then will it be possible to play a DVD on this system. Before changing the TV system, determine the color system of your TV.

① In disc mode, press **SETUP**.

② Press ▶ repeatedly to select 'VIDEO SETUP PAGE.'

③ Press ▲▼ to highlight { **TV TYPE**, } then press ▶.

```
※  ◀  ◻  ▦  ⤷

- - VIDEO  SETUP  PAGE - -

TV TYPE          PAL
TV DISPLAY       NTSC
PROGRESSIVE      MULTI
PICTURE SETTING
```

④ Press ▲▼ to highlight one of the options below:

**{ PAL }**
Select this if the connected TV has the PAL color system. It will change the video signal of an NTSC disc and output it to PAL format.

**{ NTSC }**
Select this if the connected TV has the NTSC color system. It will change the video signal of a PAL disc and output it to 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 a setting and press **OK**.
➔ Follow the instructions shown on the TV to confirm the selection (if any.)
➔ If a blank/distorted TV screen appears, wait for 15 seconds for the auto recovery.

## Setting the TV Display

Set the aspect ratio of the DVD system 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 disc mode, press **SETUP**.

② Press ▶ repeatedly to select 'VIDEO SETUP PAGE.'

③ Press ▲▼ to highlight { **TV DISPLAY**, } then press ▶.

```
※  ◀  ◻  ▦  ⤷

- - VIDEO  SETUP  PAGE - -

TV TYPE
TV DISPLAY       4:3 PAN SCAN
PROGRESSIVE      4:3 LETTER BOX
PICTURE SETTING  16:9
```
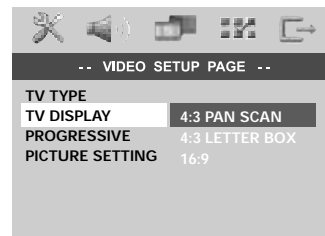
④ Press ▲▼ to highlight one of the options below:

**{ 4:3 PAN SCAN }**
Select this if you have a conventional 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 conventional 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.

⑤ Select a setting and press **OK**.

---

*TIPS:*     The underlined option is the factory default setting.
            To return to the previous menu, press ◀. To remove the menu, press **SETUP**.

# Getting Started (continued)

## Step 3: Setting language preferences

You can select your preferred language settings so that this DVD system will automatically switch to the language for you whenever you load a disc. If the language selected is not available on the disc, the disc's default language will be used instead.

The OSD (On-Screen Display) language for the system menu will remain as you set it, regardless of the default and optional disc languages.

### On-screen display (OSD) language

❶ In disc mode, press **SETUP**.

❷ Press ▶ to select 'GENERAL SETUP PAGE.'

❸ Press ▲▼ to highlight { **OSD LANGUAGE,** } then press ▶.

```
  ✕   ◀»   ⬛   ⠿   ⤷

  - -  GENERAL  SETUP  PAGE  - -

DISPLAY DIM
PROGRAM
OSD LANGUAGE      ENGLISH
SCREEN SAVER      ESPAÑOL
DISC LOCK         FRANÇAIS
DIVX(R) VOD CODE  PORTUGUÊS
                  SUOMI

```
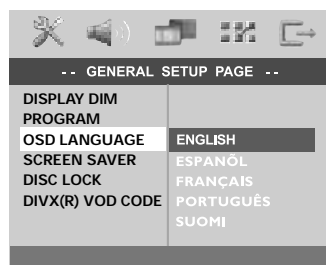
❹ Press ▲▼ to select a language and press **OK** to confirm.

### Audio, Subtitle and Disc menu languages

❶ In disc mode, press ■ twice to stop playback (if any,) then press **SETUP**.

❷ Press ▶ repeatedly to select 'PREFERENCE PAGE.'

❸ Press ▲▼ to highlight one of the options below, then press ▶.
 – { **AUDIO** } (disc's soundtrack)
 – { **SUBTITLE** } (disc's subtitles)
 – { **DISC MENU** } (disc's menu)

```
  ✕   ◀»   ⬛   ⠿   ⤷

  - -  PREFERENCE  PAGE  - -

AUDIO         ENGLISH
SUBTITLE      CHINESE
DISC MENU     FRENCH
PARENTAL      SPANISH
PBC           PORTUGUESE
MP3/JPEG NAV  POLISH
PASSWORD      ITALIAN
DIVX SUBTITLE
DEFAULT

```
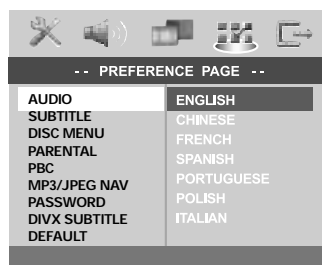
❹ Press ▲▼ to select a language and press **OK** to confirm.

**If the language you want is not in the list, then select { OTHERS. }** Use the **numeric keypad (0-9)** on the remote to enter the 4-digit language code 'XXXX' (see page 3) and press **OK** to confirm.

❺ Repeat steps ❸~❹ for other settings.

---

*TIPS:*   The underlined option is the factory default setting.
        To return to the previous menu, press ◀. To remove the menu, press **SETUP**.

**IMPORTANT!**
**– If the inhibit icon (◌ or X)**
**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.**
**– DVD discs and players are**
**designed with regional restrictions.**
**Before playing a disc, make sure the**
**disc is for the same zone as your**
**player.**
**– Do not push on the disc tray or**
**put any objects other than discs on**
**the disc tray. Doing so may cause**
**the disc player to malfunction.**

## Playable discs



### Your DVD home theater system will play:
– Digital Versatile Discs (DVDs)
– Video CDs (VCDs)
– Super Video CDs (SVCDs)
– Finalized DVD+Recordable[Rewritable]
  (DVD+R[W])
– Audio Compact Discs (CDs)
– MP3 discs, picture (Kodak, JPEG) files
  on CD-R(W).
  – JPEG/ISO 9660/UDF format
  – Progressive JPEG not supported
  – JPEG resolution support up to
    3072 x 2048
  – Supported sampling frequencies :
    32 kHz, 44.1 kHz, 48 kHz
  – Supported Bit-rates : 32~256 (kbps),
    variable bit rates

– MPEG-4 files 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
  – GMC (Global Motion Compensation)
    and QP (Quarter Pixel) not supported.
– File structure: Up to 299 folders;
  up to 648 folders and files combined

### Region Codes
DVD films are usually not released at the
same time in all regions of the world,
thus, all DVD players are keyed to a
specific region code.
The regional code is shown at the back
panel of this device. If the DVD is marked
with a different region code, it cannot be
played on this device.

*Helpful Hints:*
*– It may not be possible to play CD-R/RW or*
*DVD-R/RW in all cases due to the type of*
*disc or condition of the recording.*
*– If you are having trouble playing a certain*
*disc, remove the disc and try a different one.*
*Improperly formatted discs will not play on*
*this DVD system.*

| Region | DVD that can be played | |
|---|---|---|
| Asia Pacific, Taiwan, Korea | ALL | 3 |
| China, Calcos Islands, Walls and Futuna Islands | ALL | 6 |
| Australia, New Zealand, Latam | ALL | 4 |

---

*TIPS:* Some discs cannot be played on this DVD system due to the configuration and characteristics
of the disc, or due to the condition of recording and authoring software that was used.

# Disc Operations (continued)

## Playing discs

**1** Press **SOURCE** control until "ᴅᴠᴅ/ᴄᴅ" appears on the display panel (or press **DISC 1-2-3-4-5** on the remote until "ʟᴏᴀᴅ ᴋ" appears).

**2** Turn on the TV power and set to the correct Video In channel. (See page 17 "Setting the TV".)
➜ You should see the blue DVD background screen on the TV.

**3** Press **OPEN CLOSE ⏏** to open the disc tray and load in discs, then press the same button again to close the disc tray.
➜ Maximum up to 5 discs could be loaded in the disc tray.
➜ Make sure the disc label is facing up. For double-sided discs, load the side you want to play facing up.

OPEN/CLOSE
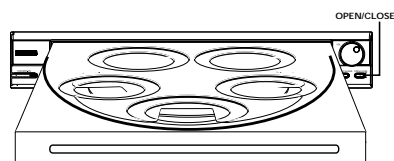
**4** Playback will start automatically.
➜ If a disc menu shows on the TV, see page 24 "Using the Disc Menu."
➜ If the disc is locked by parental control, you must enter your six-digit password. (See pages 38.)
➜ Playback will stop after all discs have been played.

### Auto Eco Power standby mode

This is a power-saving feature, the system will automatically switch to Eco Power standby mode if you do not press any buttons within 30 minutes after a disc has stopped playing.

## Basic playback controls

### Playing a specific disc directly
● Press **DISC 1-2-3-4-5** on the front panel or remote control to playback a specific disc directly.

### Reload or unload any discs without interrupting current disc playback
● Press **PLAY EXCHANGE** on the front panel to open and close the disc tray.

### Pausing playback
● During playback, press **II** (**▶II**).
➜ To resume normal playback, press **PLAY ▶** (or ▶II).

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

### Searching backward/forward
● Press and hold **|◀◀** / **▶▶|**.
To resume normal playback, press **PLAY ▶** (or ▶II).
➜ While searching, pressing **|◀◀** / **▶▶|** again will decrease/increase the search speed.
➜ For MP3 and DivX disc, it only allows to search within the currently playing track.

### Stopping playback
● Press **■** .

---

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

## Selecting various repeat/ shuffle functions
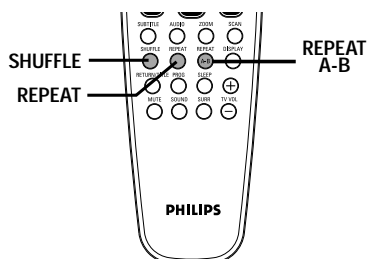
### Repeat play

You can select a Chapter, Track, Title, entire disc or all available discs for repeat playback.

● While playing a disc, press **REPEAT** repeatedly to choose a repeat play mode.

DVD
→ CHAPTER (repeat chapter)
→ TITLE (repeat title)
→ DISC (repeat the entire disc)
→ ALL DISC (repeat all discs loaded on the tray)
→ REPEAT OFF (exit repeat mode)

CD/MP3/JPEG/VCD/SVCD/DivX
→ TRACK (repeat track)
→ DISC (repeat the entire disc)
→ ALL DISC (repeat all discs loaded on the tray)
→ REPEAT OFF (exit repeat mode)

*Helpful Hint:*
*– VCDs do not allow repeat playback as long as the PBC mode is switched on.*

### Repeating a specific segment (A-B)

You can repeat the playback of a specific segment within a title/chapter/track. To do this, you must mark the start and end of the segment you want.

❶ While playing a disc, press **REPEAT A-B** to mark the starting point.

❷ Press **REPEAT A-B** again to mark the end of the segment.
→ The section A and B can be set only within the same chapter/track.
→ Playback skips to the start of the marked segment. The segment is repeated until the repeat mode is cancelled.

❸ To cancel repeat playback, press **REPEAT A-B**.

### Random play (Audio CDs and MP3 only)

Shuffle function allows you to play tracks in random order.

● While playing a disc, press **SHUFFLE** repeatedly to choose a random play mode.

CD/MP3
→ SHUFFLE DISC (all the tracks on the current active disc will be played in random order)
→ SHUFFLE ALL DISC (tracks from all discs will be played in random order)
→ SHUFFLE OFF (exit random play mode)

*Helpful Hint:*
*– Only discs with the same type will be shuffled.*

---

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

# Disc Operations (continued)

## Other operations for video playback (DVD/VCD/SVCD)



**DISC MENU**
**OK**
**◄ ► ▲▼**
**PLAY ►**
**■**
**SUBTITLE**
**AUDIO**
**RETURN/TITLE**
**SCAN**
**DISPLAY**
**ZOOM**
**II**
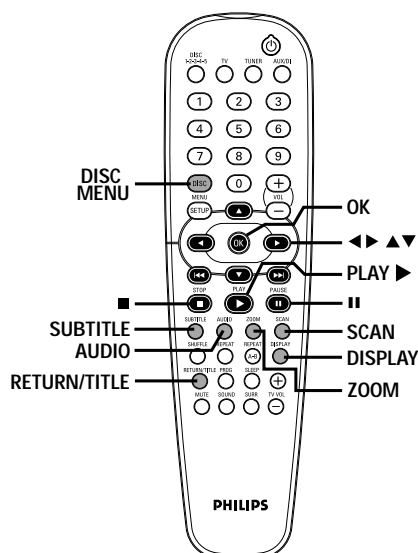
### Using the Disc Menu

A menu may appear on the TV screen once you load in the disc, depending on 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.

### Viewing playback information

It will show 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.

❶ During playback, press **DISPLAY**.
→ A list of available disc information appears on the TV screen.

| MENU | ► |
| --- | --- |
| Title | 02/02 |
| Chapter | 02/14 |
| AUDIO | 5.1CH |
| SUBTITLE | OFF |
| Bitrate IIIIIIIIII | TITLE ELAPSED 0:29:17 |

OR

| MENU | ► |
| --- | --- |
| Track | 01/02 |
| Disc Time | 0:49:17 |
| Track Time | 0:03:43 |
| REPEAT | OFF |
| Time Disp. | TOTAL ELAPSED |
| Bitrate IIIIIIIIII | TOTAL ELAPSED 0:29:17 |
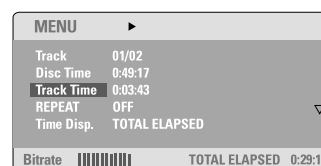
❷ Press ▲▼ to view the information and press **OK** to access.

❸ 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.

### Advancing by frame

❶ During playback, press **II** on the remote.
→ Play will pause and sound will be muted.

❷ Press **II** repeatedly to view the next picture frame.

❸ To resume normal playback, press **PLAY ►** (or ►II).

---

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

24

## Resuming playback from the last stopped point

Resume playback of the last 10 discs is possible, even if the disc was ejected or the power switched off.

❶ Load one of the last played 10 discs.

❷ While "LOADING" appears on the display panel, press **PLAY ►** (or ►II) to start playback from the last stop point.

**To cancel the resume mode**
● In stop mode, press ■ again.

## Zooming in

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

❶ During playback, press **ZOOM** repeatedly to select a different zoom factor.
➜ Use ◄ ► ▲ ▼ keys to move through the zoomed image.
➜ Playback will continue.

❷ Press **ZOOM** repeatedly to return to the original size.

## Changing sound track language

This operation works only on DVDs with multiple soundtrack languages, you can change the language you want while playing a DVD.

● Press **AUDIO** repeatedly to select the available audio languages.

**For VCD - changing the audio channel**
● Press **AUDIO** repeatedly to select the available audio channels provided by the disc (STEREO, LEFT MONO, RIGHT MONO or MIX MONO.)

## Changing subtitle language (DVD only)

This operation works only on DVDs with multiple subtitle languages, you can change the language you want while playing a DVD.

● Press **SUBTITLE** repeatedly to select different subtitle languages.

## Selecting a title (DVD only)

Some DVDs may contain several titles. If the disc has a title menu recorded on it, you can start playback from the selected movie title.

❶ Press **RETURN/TITLE**.
➜ The disc title menu appears on the TV screen.

❷ Use ◄ ► ▲ ▼ keys or **numeric keypad (0-9)** to select a play option.

❸ Press **OK** to confirm.

---

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

# Disc Operations (continued)

## Playback Control (PBC) (VCD only)

PBC playback allows you to play Video CDs interactively, following the menu on the display. This function can also be accessed via the 'PREFERENCE PAGE' menu (see page 37.)

**For VCDs with Playback Control (PBC) feature (version 2.0 only)**

● When play is stopped, 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 |◄◄ / ►►| or numeric keypad (0-9) to select a play option and press **OK** to confirm.
→ If you select 'PBC OFF,' the VCD will skip the index menu and start playback directly from the beginning.

● During playback, press **RETURN/TITLE** will return to the menu screen (if PBC is on.)

## Preview Function (VCD and CD only)

❶ Press **SCAN**.

❷ Press ▲▼ to highlight { **TRACK DIGEST**, } { **DISC INTERVAL** } or { **TRACK INTERVAL**. }

❸ Press **OK** to open one option.

> **SELECT DIGEST TYPE:**
> TRACK DIGEST
> DISC INTERVAL
> TRACK INTERVAL

**{ TRACK DIGEST }**
This function will minimize the picture of every track in order to display every six of these tracks on the screen to help you know the content of every track on the disc.

**{ DISC INTERVAL }**
This function is used to divide a disc into six parts by regular intervals and display them on one page to preview the whole disc.

**{ TRACK INTERVAL }**
This function is used to divide a single track into six parts by regular intervals and display them on one page to help you preview the selected track.
This function is only accessible in playback mode and the Playback Control (PBC) is turned off.

| A | B | C |
|---|---|---|
| D | E | F |
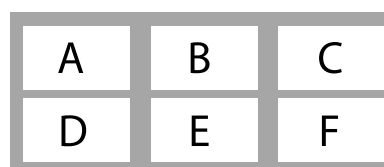
(example for 6 thumbnail pictures display)

❹ Use ◄ ► ▲ ▼ keys to select a track or use **numeric keypad (0-9)** to input the selected track number next to { **SELECT** }.

❺ Press |◄◄ / ►►| to open the previous or next page.

❻ Press **OK** to confirm.

**To quit preview function**
● Use ◄ ► ▲ ▼ keys to highlight { **EXIT** } and press **OK** to confirm.

**To return to preview menu**
● Use ◄ ► ▲ ▼ keys to highlight { **MENU** } and press **OK** to confirm.

**For CD - play the first few seconds of each track**
● Press ■ to stop playback, then press **SCAN**.

---

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

## Playing an MP3/JPEG/MPEG-4 disc

This DVD system can playback MPEG-4, MP3, JPEG,VCD & SVCD files on a personally recorded CD-R/RW disc or commercial CD.

### IMPORTANT!
You have to turn on your TV and set to the correct Video In channel. (See page 17 "Setting the TV".)

❶ Load a disc.
→ The disc reading time may exceed 30 seconds due to the complexity of the directory/file configuration.
→ The disc menu appears on the TV screen.

```
00:00  00:00        ▶  |||||||.......
001/020
   Coco Lee

MP3  Coco  -  Before
MP3  Coco  -  I love
MP3  Coco  -  Jazz
MP3  Coco  -  Hot spring
```

❷ If the disc main menu contains various folders, press ▲ ▼ to select a desired folder and press **OK** to open the folder.

❸ Press ▲ ▼ to select a track/file and press **OK** to start playback.
→ Playback will start from the selected file and continue to the end of the folder.

During playback, you can;

● Press I◀◀ / ▶▶I to select another track/file in the current 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.

● Press **REPEAT** continuously to access various repeat play mode.

● Press II to pause or **PLAY** ▶ (or ▶II) to resume playback.

### Playing MP3 music and JPEG picture simultaneously

❶ Load a MP3 disc that contains music and pictures.
→ The disc menu appears on the TV screen.

❷ Select an MP3 track and press ▶ (or ▶II) to start playback.

❸ During MP3 music playback, use ◀ ▶ ▲ ▼ keys to select a picture folder from the disc menu and press **PLAY** ▶ (or ▶II) or **OK** on the remote control.
→ The picture files will be played back until the end of the folder.

❹ To quit simultaneous playback, press **DISC MENU** and followed by ■ .

*Helpful Hints:*
*– It may not be possible to play certain MP3/JPEG/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 disc.*
*– System supports ISO9660 and will only display 12 characters of the file names.*
*– For multi-session discs with different formats, only the first session will be available.*

**TIPS:** Some discs cannot be played on this DVD system due to the configuration and characteristics of the disc, or due to the condition of recording and authoring software that was used.

# Disc Operations (continued)

## Playing a picture disc (slide show)

### IMPORTANT!
You have to turn on your TV and set to the correct Video In channel. (See page 17 "Setting the TV".)

● Load a Picture disc (Kodak Picture CD, JPEG.)
→ For a Kodak disc, the slide show will begin automatically.
→ For a JPEG disc, the picture menu will appear on the TV screen. Press **PLAY ▶** (or ▶II) to start the slide-show playback.

### Preview Function

This function shows the content of the current folder or the whole disc.

❶ During playback, press ■ .
→ 12 thumbnail pictures will appear on the TV screen.



❷ Press I◀◀ / ▶▶I to display the other pictures on the previous/next page.

❸ Use ◀ ▶ ▲ ▼ keys to highlight one of the picture and press **OK** to start playback.

❹ Press **DISC MENU** to return to Picture CD menu.

### Zooming a picture

❶ During playback, press **ZOOM** repeatedly to select different zoom factor.

❷ Use ◀ ▶ ▲ ▼ keys to move through the zoomed image.

### Rotating/Fliping the picture

● During playback, use ◀ ▶ ▲ ▼ keys to rotate/flip the picture on the TV screen.

▲ : flip the picture vertically
▼ : flip the picture horizontally
◀ : rotate the picture anti-clockwise
▶ : rotate the picture clockwise

### Supported JPEG picture formats

**File format:**
– The file extension has to be '*.JPG' and not '*.JPEG'.
– It can only display DCF-standard still pictures or JPEG pictures e.g. TIFF. It cannot play back moving pictures, Motion JPEG, progressive JPEG and other formats, or pictures in formats other than JPEG, or pictures associated with sound.
– It may require longer time for the DVD system to display the disc content on the TV due to the large number of songs/pictures compiled into one disc.

*TIPS:* Some discs cannot be played on this DVD system due to the configuration and characteristics of the disc, or due to the condition of recording and authoring software that was used.

## Playing a DivX disc

This DVD system supports the DivX movie playback, which you download from your computer onto a CD-R/RW (see page 32 for more information.)

❶ Load a DivX disc.
→ Playback will start automatically. If not press **PLAY ►** or **OK** on the remote.

❷ If the DivX movie contains external subtitles, the subtitle menu will appear on the TV.

● In this case, pressing **SUBTITLE** on the remote control will turn on or off the subtitle display.

● If multilingual subtitles are embedded on the DivX disc, you can press **SUBTITLE** to change the subtitle language while playing.

*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 has to be the same as the filename of the movie.*
*– The subtitle can only be displayed up to maximum of 35 characters.*
*– It is normal to experience an occasional pixelation during MPEG-4/DivX playback due to poor clarity of digital contents during internet downloading.*

*TIPS:* Some discs cannot be played on this DVD system due to the configuration and characteristics of the disc, or due to the condition of recording and authoring software that was used.

# DVD Setup Menu Options

This DVD system setup is carried out via the TV, enabling you to customize the DVD system to suit your particular requirements.

## Accessing to General Setup Page

❶ Press **DISC** and followed by **SETUP** on the remote.

❷ Press ◄ ► to select 'GENERAL SETUP PAGE.'

❸ Press **OK** to confirm.

```
🛠  🔊  🖵  🎞  🡒

-- GENERAL  SETUP  PAGE --

DISPLAY DIM
PROGRAM
OSD LANGUAGE
SCREEN SAVER
DISC LOCK
DIVX(R) VOD CODE
```
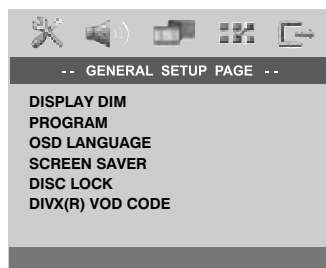
Not all discs are rated or coded by the disc maker. You can prevent a specific disc from playing by locking the disc. Up to 40 discs can be locked.

❶ In 'GENERAL SETUP PAGE,' press ▲▼ to highlight { **DISC LOCK** }, then press ►.

{ **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 '136900' (see page 38 "Changing the password".)

{ **UNLOCK** }
Select this to unlock the disc and allow future playback.

❷ Press ▲▼ to select a setting and press **OK** to confirm.

**Dimming system's display panel**

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

❶ In 'GENERAL SETUP PAGE,' press ▲▼ to highlight { **DISPLAY DIM**, } then press ►.

{ **100%** }
Select this for full brightness.

{ **70%** }
Select this for medium brightness.

{ **40%** }
Select this for the dimmest display.

❷ Press ▲▼ to select a setting and press **OK** to confirm.

---

*TIPS:*    The underlined option is the factory default setting.
          To return to the previous menu, press ◄. To remove the menu, press **SETUP**.

# DVD Setup Menu Options (continued)

## Program tracks on a single disc

**(for CD, VCD, SVCD, DVD only)**
You can program the tracks in the current selected disc in the order you want them to be played. Up to 20 tracks can be stored. You can press **PROG** to enter into program menu directly.
*OR*

**①** In 'GENERAL SETUP PAGE,' press ▲▼ to highlight { **PROGRAM**, } then press ►.

**②** Press ▲▼ to select { **FTS** } (Favorite Track Selection) and press **OK** to confirm.

| | | | |
|---|---|---|---|
| 1 | 04 | 6 | _ _ |
| 2 | 10 | 7 | _ _ |
| 3 | **11** | 8 | _ _ |
| 4 | _ _ | 9 | _ _ |
| 5 | _ _ | 10 | _ _ |

EXIT    START    NEXT ⓜ

**To input your favorite tracks/chapter**

**③** Use the **numeric keypad (0-9)** to enter a valid track/chapter number.

**④** Use ◄ ► ▲ ▼ keys to move the cursor to the next position.
→ If the total program tracks are more than ten, press ►►| to open the next page and proceed with programming or,
→ Use ◄ ► ▲ ▼ keys to highlight { **NEXT** } on the program menu, then press **OK**.

**⑤** Repeat steps ③~④ to input another track/chapter number.

**If you want to remove a track**

**⑥** Select the track/chapter number and press **OK** to remove this track/chapter from the program menu.

**To start program playback**

**⑦** Use ◄ ► ▲ ▼ keys to highlight { **START** } on the program menu, then press **OK**.

**To exit program playback**

**⑧** Use ◄ ► ▲ ▼ keys to highlight { **EXIT** } on the program menu, then press **OK**.

## Program discs

You can program the discs sequence in the order you want them to be played. Up to 5 discs can be stored.

**①** In 'GENERAL SETUP PAGE,' press ▲▼ to highlight { **PROGRAM**, } then press ►.

**②** Press ▲▼ to select { **FDS** } (Favorite Disc Selection) and press **OK** to confirm.

| | |
|---|---|
| (1) | Disc : 3 |
| (2) | Disc : 5 |
| (3) | Disc : 1 |
| (4) | Disc : 4 |
| (5) | Disc : 2 |

EXIT    START

**To input your favorite disc**

**③** Use the **numeric keypad (0-9)** to enter a valid disc number (1-5).

**④** Use ◄ ► ▲ ▼ keys to move the cursor to the next position.

**⑤** Repeat steps ③~④ to input another disc number.

**If you want to remove a disc**

**⑥** Move to the disc number and press **numeric keypad '0'** to remove this disc from the program menu.

**To start program playback**

**⑦** Use ◄ ► ▲ ▼ keys to highlight { **START** } on the program menu, then press **OK**.

**To exit program playback**

**⑧** Use ◄ ► ▲ ▼ keys to highlight { **EXIT** } on the program menu, then press **OK**.

---

*TIPS:*     The underlined option is the factory default setting.
             To return to the previous menu, press ◄. To remove the menu, press **SETUP**.

# DVD Setup Menu Options (continued)

## OSD Language

This menu contains various language options for language displayed on the screen. For details, see page 20.

## Screen Saver - turning on/off

The screen saver will help prevent damage to your TV display device.

❶ In 'GENERAL SETUP PAGE,' press ▲▼ to highlight { **SCREEN SAVER**, } then press ▶.

{ <u>**ON**</u> }
Select this if you wish to turn off the TV screen when play is stopped or paused for more than 15 minutes.

{ **OFF** }
Select this to disable the screen saver function.

❷ Press ▲▼ to select a setting and press **OK** to confirm.

## DivX® 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.

❶ In 'GENERAL SETUP PAGE,' press ▲▼ to highlight { **DIVX(R) VOD CODE**, } then press ▶.
➜ The registration code will appear.

❷ Press **OK** to exit.

❸ 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 from your computer onto a CD-R/RW for playback on this DVD system.

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

---

***TIPS:*** The <u>underlined option</u> is the factory default setting.
To return to the previous menu, press ◀. To remove the menu, press **SETUP**.

## Accessing to Audio Setup Page

❶ Press **DISC** and followed by **SETUP** on the remote.

❷ Press ◀ ▶ to select 'AUDIO SETUP PAGE.'

❸ Press **OK** to confirm.

```
  ✕  🔊  📃  ▦  ⟶

    - - AUDIO SETUP PAGE - -

  SPEAKER SETUP
  CD UPSAMPLING
  NIGHT MODE



```
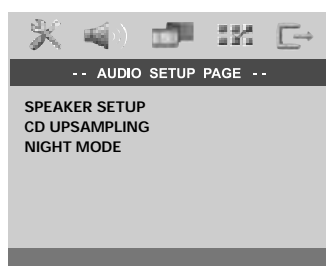
### Speaker Setup

These menus contain speaker setup options that allow you to adjust the individual speakers volume and delay time. For details, see page 43.

### Night Mode - turning on/off

When night mode is activated, the high volume outputs are softened and low volume outputs are brought upward to an audible level (for DVD only.)  It is useful for watching action movies without disturbing others at night.

❶ In 'AUDIO SETUP PAGE,' press ▲▼ to highlight { **NIGHT MODE**, } then press ▶.

{ **ON** }
Select this to level out the volume.

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

❷ Press ▲▼ to select a setting and press **OK** to confirm.

### 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 CD upsampling, the system will automatically switch to stereo mode.**

❶ 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.

❷ Press ▲▼ to select a setting and press **OK** to confirm.

*Helpful Hint:*
*– If you press SURR button on the remote control to select "Multi-Channel" mode, it will disable the CD upsampling feature.*

---

*TIPS:*     The underlined option is the factory default setting.
             To return to the previous menu, press ◀. To remove the menu, press **SETUP**.

# DVD Setup Menu Options (continued)

## Accessing to Video Setup Page

❶ Press **DISC** and followed by **SETUP** on the remote.

❷ Press ◄► to select 'VIDEO SETUP PAGE.'

❸ Press **OK** to confirm.

```
  ✕  ◀))  ⬛  ⠿  ⊏→

  - -  VIDEO  SETUP  PAGE  - -

  TV TYPE
  TV DISPLAY
  PROGRESSIVE
  PICTURE SETTING


```
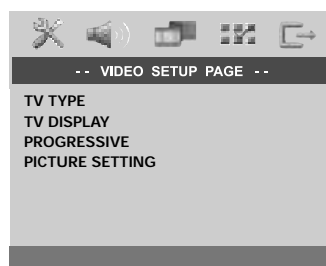
### TV Type

This menu contains the options for selecting the color system that matches the connected TV.  For details, see page 19.

### TV Display

This menu contains the options for setting the aspect ratio of the DVD system according to the connected TV. For details, see page 19.

### Progressive Scan - 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 system's Y Pb Pr jacks to your TV that supports the progressive video input.  Otherwise, the image may not appear or will be distored. For proper progressive scan set up, see page 18.

❶ In 'VIDEO SETUP PAGE,' press ▲▼ to highlight { **PROGRESSIVE**, } then press ►.

{ **OFF** }
Select this to disable progressive scan feature.

{ **ON** }
Select this to enable progressive scan feature.

❷ Press ▲▼ to select a setting and press **OK** to confirm.
→ Follow the instructions shown on the TV to confirm the selection (if any.)
→ If a blank/distorted TV screen appears, wait for 15 seconds for the auto recovery.

---

*TIPS:*      The underlined option is the factory default setting.
             To return to the previous menu, press ◄. To remove the menu, press **SETUP**.

## Picture Setting

This DVD system provides three predefined sets of picture color settings and one personal setting which you can define yourself.

❶ In 'VIDEO SETUP PAGE,' press ▲▼ to highlight { **PICTURE SETTING**, } then press ▶.

{ **<u>STANDARD</u>** }
Select this for original color setting.

{ **BRIGHT** }
Select this for vibrant color setting.

{ **SOFT** }
Select this for warm color setting.

{ **PERSONAL** }
Select this to personalize your picture color by adjusting the brightness, contrast, tint and color (saturation.)

❷ Press ▲▼ to select a setting and press **OK** to confirm.

❸ If you select { **PERSONAL**, } then proceed to steps ❹~❼.
➜ The 'PERSONAL PICTURE SETUP' menu appears.

| PERSONAL PICTURE SETUP | | |
|---|---|---|
| BRIGHTNESS | | 0 |
| CONTRAST | | 0 |
| TINT | | 0 |
| COLOR | | 0 |
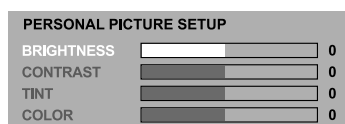
❹ Press ▲▼ to highlight one of the following options.

{ **BRIGHTNESS** }
Increase this value to brighten the picture color or vice versa. Choose zero (0) for the average setting.

{ **CONTRAST** }
Increase this value to sharpen the picture color or vice versa. Choose zero (0) to balance the contrast.

{ **TINT** }
Increase or decrease this value to change the color phase of the picture. Choose zero (0) for the average setting.

{ **COLOR** }
Increase this value to enhance the picture color or vice versa. Choose zero (0) to balance the color.

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

❻ Repeat steps ❹~❺ to adjust other settings.

❼ Press **OK** to confirm.

---

*TIPS:* The <u>underlined option</u> is the factory default setting.
To return to the previous menu, press ◄. To remove the menu, press **SETUP**.

# DVD Setup Menu Options (continued)

## Accessing to Preference Setup Page

❶ Press ■ twice to stop playback (if any), then press **SETUP**.

❷ Press ◄ ► to select the 'Preference Page'.

❸ Press **OK** to confirm.

```
  ✕   ◀»   ⬛   ⊞   ⮕

      - -  PREFERENCE  PAGE  - -

   AUDIO
   SUBTITLE
   DISC MENU
   PARENTAL
   PBC
   MP3/JPEG NAV
   PASSWORD
   DIVX SUBTITLE
   DEFAULT
```
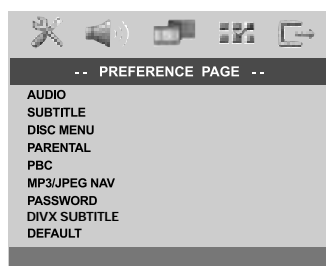
### Audio, Subtitle, Disc Menu

These menus contain various language options for audio, subtitle and disc menu that may be recorded on the DVD. For details, see page 20.

### 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.

❶ In 'Preference Page', press ▲▼ to highlight { **Parental** }, then press ►.

```
  ✕   ◀»   ⬛   ⊞   ⮕

      - -  PREFERENCE  PAGE  - -

   AUDIO              1  KID SAFE
   SUBTITLE           2  G
   DISC MENU          3  PG
   PARENTAL           4  PG 13
   PBC                5  PGR
   MP3/JPEG NAV       6  R
   PASSWORD           7  NC 17
   DIVX SUBTITLE
   DEFAULT            8  ADULT
```
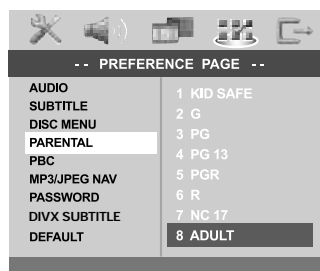
❷ Press ▲▼ to highlight a rating level for the disc inserted and press **OK**.

❸ Use the **numeric keypad (0-9)** to enter the six-digit password (see page 38 "Changing the password").
→ DVDs that are rated above the level you selected will not play unless you enter your six-digit password.

---

*TIPS:*    The underlined option is the factory default setting.
          To return to the previous menu, press ◄. To remove the menu, press **SETUP**.

## Rating explanations

**1KID SAFE – 2 G**
– General Audience; recommended as acceptable for viewers of all ages.

**3 PG**
– Parental Guidance suggested.

**4 PG13**
– Material is unsuitable for children under age 13.

**5 PGR – 6 R**
– Parental Guidance - Restricted; recommended that parents restrict children under 17 from viewing or allow them to view the material only when supervised by a parent or adult guardian.

**7 NC-17**
– No children under age 17; not recommended viewing for children under age 17.

**8 ADULT**
– Mature material; should be viewed only by adults due to graphic sexual material, violence or language.

*Helpful Hints:*
*– VCD, SVCD, CD have no level indication, so parental control has no effect on these type of discs. This also applies to most illegal DVDs.*
*– 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 prohibit play of 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 26.

### MP3/JPEG Menu - turning on/off

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

❶ 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.

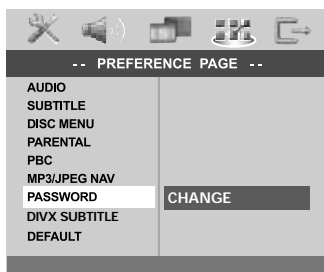❷ Press ▲▼ to select a setting and press **OK** to confirm.

---

*TIPS:*      The underlined option is the factory default setting.
                 To return to the previous menu, press ◄. To remove the menu, press **SETUP**.
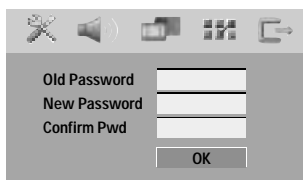
# DVD Setup Menu Options (continued)

## Changing the Password

The same password is used for both Parental Control and Disc Lock. Enter your six-digit password to play a prohibited disc or if prompted for a password. The default password is 136900.

1 In 'Preference Page', press ▲▼ to highlight { **Password** }, then press ▶ to select { **Change** }.

```
  ✕  🔊  ▭  ▥  ▷
        -- PREFERENCE PAGE --
  AUDIO
  SUBTITLE
  DISC MENU
  PARENTAL
  PBC
  MP3/JPEG NAV
  PASSWORD          CHANGE
  DIVX SUBTITLE
  DEFAULT
```

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

```
  ✕  🔊  ▭  ▥  ▷
  Old Password    _____
  New Password    _____
  Confirm Pwd     _____
                     OK
```

3 Use the **numeric keypad (0-9)** to enter your old six-digit password.
→ When doing this for the first time, key in '136900'.
→ If you forget your old six-digit password, key in '136900'.

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.

## 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 ▶.

{ **STANDARD** }
Select this to display a standard list of Roman subtitle fonts provided by this DVD system.

{ **CYRILLIC** }
Select this to display cyrillic subtitle fonts.

2 Press ▲▼ to select a setting and press ▶**OK** to confirm.

## Restoring to original settings

You can reset all the system menu 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.

---

*TIPS:* The underlined option is the factory default setting.
To return to the previous menu, press ◀. To remove the menu, press **SETUP**.

# Other Functions

## Switching on/off

### Switching to active mode

● Press the **SOURCE** control to select :
DISC 1~5 → FM → MW → TV →
AUX → DI → DISC 1~5 ....
*OR*

Press **DISC 1-2-3-4-5**, **TV**, **TUNER** or
**AUX/DI** on the remote.

### Switching to Eco Power standby mode

● Press **STANDBY ON** (⏻).
→ The display screen will go blank and
Standby LED lights up.

## Using the remote to operate your 'Philips' television
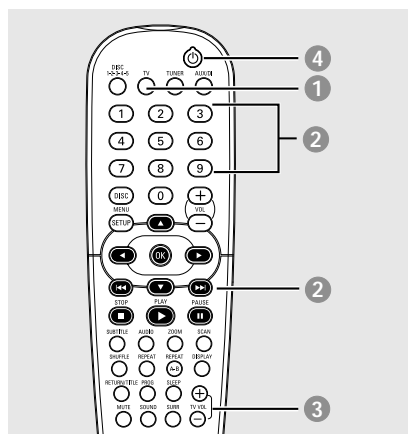


❶ Press and hold **TV** to switch to TV AV.

❷ Press **TV VOL** ＋/－ to adjust the TV's
volume level.

## Setting the Sleep timer

The sleep timer enables the system to
switch to Eco Power standby mode
automatically at a preset time.

● Press **SLEEP** on the remote repeatedly
until it reaches the desired preset turn-off
time.
→ The selections are as follows (time in
minutes):
15 → 30 → 45 → 60 → OFF → 15...
→ Before the system switches to Eco
Power standby mode, a countdown of 10
seconds is displayed.
"SLEEP 10" → "SLEEP 9".... →
"SLEEP 1" → "STANDBY"

### To cancel the sleep timer
● Press **SLEEP** repeatedly until "OFF"
appears or press the **STANDBY ON**
(⏻) button.

# Tuner Operations

**IMPORTANT!**
**Make sure the FM and MW**
**antennas are connected.**

## Tuning to radio stations

❶ Press **TUNER** on the remote (or press
**SOURCE** control at the front panel) to
select "*TUNER/FM*" or "*TUNER/MW.*"

❷ Press ▲ / ▼ briefly on the remote.
➜ The display panel will show
"*SEARCH >*" until a radio station with
sufficient signal strength is found.

❸ Repeat step ❷ if necessary until you find
the desired radio station.

❹ To tune to a weak station, press ◀ / ▶
briefly and repeatedly until an optimal
reception is found.

● If the FM station reception is weak, you
can switch the FM mode from stereo to
mono. Press **SURR** button will toggle
through:
   DOLBY PL II FM ST (stereo)
   ➜ DOLBY PL II FM MONO
   ➜ STEREO FM MONO
   ➜ STEREO FM ST

## Presetting radio stations

You can store up to 20 FM and 10 MW
preset radio stations in the memory.

*Helpful Hints:*
*– The system will exit presetting mode if no*
*button is pressed within 20 seconds.*
*– If no valid frequency is detected during*
*Plug and Play,"CHK ANTENNA" appears.*

### Using the Plug and Play

Plug and Play allows you to store all
available radio stations automatically.
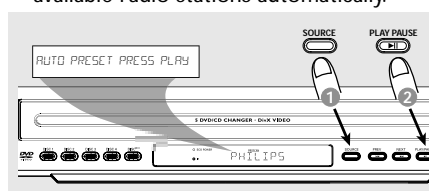


❶ **For first time setup**, press **SOURCE**
on front panel to select TUNER mode.
➜ "*AUTO PRESET PRESS PLAY*"
appears.

❷ Press ▶II on the top panel or ▶ on the
remote control to enter into auto install
mode.
➜ The system will start searching from
FM band and followed by MW band.
All the available radio stations with strong
signal strength will be stored
automatically.
➜ Once complete, the last tuned radio
station will play.

# Tuner Operations (continued)

## Automatic presetting

Use automatic presetting to store or reinstall all the preset radio stations.



DVD system's display panel

TUNER/FM

OR

TUNER/MW
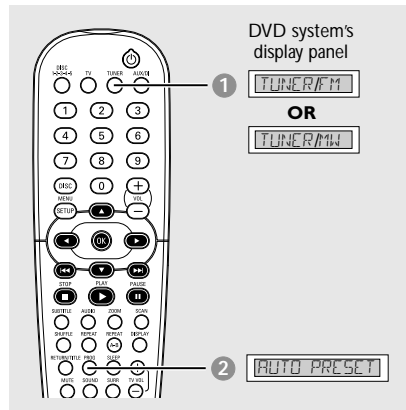
AUTO PRESET

❶ Press **TUNER** on the remote to select "TUNER/FM" or "TUNER/MW".

❷ Press and hold **PROG** until "AUTO PRESET" appears.
→ If auto program is started from preset 'X', then programs will be stored starting from 'X'. All preset stored before 'X' point still remain.

## Manual presetting

Use manual presetting to store only your favourite radio stations.

❶ Tune to your desired radio station (see "Tuning to radio stations".)

❷ Press **PROG**.

❸ Press |◀◀ / ▶▶| to select a preset number that you want to store the current radio station.

❹ Press **PROG** again to store.

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# Tuner Operations (continued)

### Selecting a preset radio station

● Press **TUNER** on the remote, then press |◄◄ / ►►| to select a preset number (or use the numeric keypad on the remote.)
→ The waveband, preset number and radio frequency will appear.

### Deleting a preset radio station

❶ In tuner mode, press |◄◄ / ►►| on the remote to select a preset radio station.

❷ Press and hold ■ until "FM XX DELTD", "MW XX DELTD", appears.
→ "X" is the preset number.
→ The radio station continues to play but has been deleted from the preset list.

### Changing tuning grid *(not available for all versions)*

In North and South America, the frequency step between adjacent channels in the MW band is 10 kHz (9 kHz in some areas). The preset frequency step in the factory is 9 kHz.

**IMPORTANT!**
**Changing the tuning grid will erase all previously stored preset radio stations.**



❶ Press **TUNER** on the remote (or press **SOURCE** control on front panel) to select "FM" or "MW".

❷ Press **STANDBY ON** to switch the DVD system to standby mode.

❸ While holding down **SOURCE** and |◄◄ **PREV** on the front panel, disconnect and connect the power cord to the power supply again.
→ The display will show "GRID 9" or "GRID 10".

*Helpful hints:*
*– GRID 9 and GRID 10 indicate that the tuning grid is in step of 9 kHz and 10 kHz respectively.*
*– The FM tuning grid also will be changed from 50 kHz to 100 kHz or vice versa.*
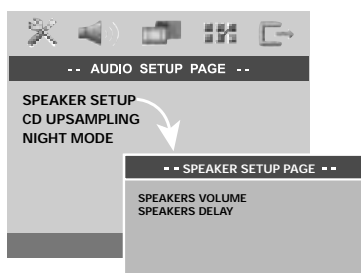
# Sound and Volume Controls

## Individual speakers volume adjustment

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

**IMPORTANT!**
**Press SURR button on the remote to select Multi-channel surround mode before adjusting the speaker settings.**

❶ Press ■ to stop playback, then press **SETUP**.

❷ Press ▶ repeatedly to select 'Audio Setup Page'.

❸ Press ▲▼ to highlight { **SPEAKERS SETUP** } then press ▶.

```
-- AUDIO SETUP PAGE --

SPEAKER SETUP
CD UPSAMPLING
NIGHT MODE
                -- SPEAKER SETUP PAGE --

                SPEAKERS VOLUME
                SPEAKERS DELAY
```

❹ Enter its submenu by pressing ▶.

❺ Press ▲▼ to highlight one of the options below, then press ▶.

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

| Speakers Volume Setup | |
| --- | --- |
| Front Left | +6dB |
| Front Right | +6dB |
| Center | +6dB |
| Subwoofer | +0dB |
| Rear Left | +6dB |
| Rear Right | +6dB |

{ **SPEAKERS DELAY** }
– Delay times setting in relation to the listening position/distance for center and rear speakers.

| Speakers Delay Setup | |
| --- | --- |
| Center | 0 ms |
| Rear Left | 0 ms |
| Rear Right | 0 ms |

❻ Press ◄ ► to adjust the setting that best suit your surround sound needs.

❼ Press ►**OK** to confirm.

*Helpful Hints:*
*– A 1ms increase/decrease of delay time is equivalent to 30cm change in distance.*
*– 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:* The underlined option is the factory default setting.
To return to the previous menu, press ◄. To remove the menu, press **SETUP**.

# Sound and Volume Controls (continued)

### Selecting surround sound

● Press **SURR** on the remote to select :
MULTI-CHANNEL 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 center 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:*
*– 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
optimizes the sound of the musical style
you are playing.

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

When playing movie discs or in TV mode,
you can select :
CONCERT, DRAMA, ACTION or SCI-FI.

When playing music discs or while in
TUNER or AUX/DI mode, you can select :
ROCK, DIGITAL, CLASSIC or JAZZ
(except for DivX/MP3).

*Helpful Hints:*
*– For flat sound output, select CONCERT or*
*CLASSIC.*
*– Sound effect is not active during line-out*
*connection.*

### Volume control

● Adjust **VOLUME** control (or press
**VOL +/−** on the remote) to increase
or decrease the volume level.
➜ "VOL MIN" is the minimum volume
level and "VOL MAX" is the maximum
volume level.

#### 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/decrease the volume
level.

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# Specifications

**AMPLIFIER SECTION**

| | |
|---|---|
| Output power | 900 W RMS / 11000 W PMPO |
| - Front | 150 W RMS / channel |
| - Rear | 150 W RMS / channel |
| - Centre | 150 W RMS |
| - Subwoofer | 150 W RMS |
| Frequency Response | 20 Hz – 50 kHz / –3 dB |
| Signal-to-Noise Ratio | > 65 dB (CCIR) |
| Input Sensitivity | |
| - TV In | 500 mV |
| - AUX In | 1000 mV |

**TUNER SECTION**

| | |
|---|---|
| Tuning Range | FM 87,5 – 108 MHz (50 kHz) |
| | MW 531 – 1602 kHz (9 kHz) |
| | MW 530 – 1700 kHz (10 kHz) |
| 26 dB Quieting Sensitivity | FM 20 dB |
| | MW 4 μV/m |
| Image Rejection Radio | FM 25 dB |
| | MW 28 dB |
| IF Rejection Ratio | FM 60 dB |
| | MW 45 dB |
| Signal-to-Noise Ratio | FM 60 dB |
| | MW 40 dB |
| MW Suppression Ratio | FM 30 dB |
| Harmonic Distortion | FM Mono 3% |
| | FM Stereo 3% |
| | MW 5% |
| Frequency Response | FM 180 Hz – 10 kHz / ±6 dB |
| Stereo Separation | FM 26 dB (1 kHz) |
| Stereo Threshold | FM 23.5 dB |

**DISC SECTION**

| | |
|---|---|
| Laser Type | Semiconductor |
| Disc Diametre | 12cm / 8cm |
| Video Decoding | MPEG-1 / MPEG-2 / MPEG-4 / DivX 3.11, 4.x & 5.x |
| Video DAC | 12 Bits, 108 MHz |
| Signal System | PAL / NTSC |
| Video Format | 4:3 / 16:9 |
| Video S/N | 56 dB (minimum) |
| Composite Video Output | 1.0 Vp-p, 75 Ω |
| S-Video Output | Y - 1.0 Vp-p, 75 Ω |
| | C - 0.286 Vp-p, 75 Ω |
| Audio DAC | 24 Bits / 96 kHz |
| Frequency Response | 4 Hz – 20 kHz (44.1 kHz) |
| | 4 Hz – 22 kHz (48 kHz) |
| | 4 Hz – 44 kHz (96 kHz) |
| PCM | IEC 60958 |
| Dolby Digital | IEC 60958, IEC 61937 |
| DTS | IEC 60958, IEC 61937 |

**MAIN UNIT**

| | |
|---|---|
| Power Supply Rating | 230–240 V; 50 Hz |
| Power Consumption | 20 W |
| Dimensions (w x h x d) | 435 mm x 74.7 mm x 441.4 mm |
| Weight | 5.6 kg |

**FRONT AND REAR SPEAKERS**

| | |
|---|---|
| System | 1-way |
| Impedance | 6 Ω |
| Speaker drivers | 1 x 76mm (3″) woofer |
| Frequency response | 120 Hz – 20 kHz |
| Dimensions (w x h x d) | 94 mm x 1078 mm x 68 mm |
| Base Dimensions (dia x h) | φ 255 mm x 15 mm |
| Weight | 2.72 kg/each |

**CENTRE SPEAKER**

| | |
|---|---|
| System | 1-way |
| Impedance | 6 Ω |
| Speaker drivers | 1 x 76mm (3″) woofer |
| Frequency response | 120 Hz – 20 kHz |
| Dimensions (w x h x d) | 225 mm x 94 mm x 75 mm |
| Weight | 0.78 kg |

**AV SUBWOOFER**

| | |
|---|---|
| Power Supply Rating | 230–240 V; 50 Hz |
| Power Consumption | 360 W |
| System | Bass Reflex System |
| Impedance | 6 Ω |
| Speaker drivers | 8″ woofer |
| Frequency response | 30 Hz – 120 Hz |
| Dimensions (w x h x d) | 236 mm x 360 mm x 470 mm |
| Weight | 10.76 kg |

*Specifications subject to change without prior notice*

# 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.**

| Problem | Solution |
|---|---|
| **No power.** | – Check if the AC power cord is properly connected.<br>– Press the STANDBY ON on the front of the DVD system to turn on the power. |
| **No picture.** | – Refer to your TV user manual for correct Video In channel selection.  Change the TV channel until you see the DVD screen.<br>– Press DISC on the remote control.<br>– 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 18 for proper progressive scan set up or deactivate the progressive scan feature as below:<br>1) Turn off your TV progressive scan mode or turn on to interlaced mode.<br>2) Press OPEN CLOSE to open the disc tray.<br>3) Press ◄ on the remote control.<br>4) Press MUTE on the remote control. |
| **Completely distorted picture or black/white picture.** | – If this happens when you are changing the setting of the 'TV TYPE', wait for 15 seconds for the auto recovery.<br>– If this happens when you are turning on the progressive scan feature, wait for 15 seconds for the auto recovery.<br>– Check the video connection.<br>– Sometimes a small amount of picture distortion may appear. This is not a malfunction.<br>– Clean the disc. |
| **The aspect ratio of the screen cannot be changed even though you have set the TV display.** | – The aspect ratio is fixed on the DVD disc.<br>– Depending on the TV, it may not be possible to change the aspect ratio. |
| **No sound or distorted sound.** | – Adjust the volume.<br>– Check the speaker connections and settings.<br>– Make sure that the audio cables are connected and press the SOURCE button to select the correct input source (TV or AUX/DI, for example) to choose the equipment that you want to hear through the DVD system. |
| **Cannot activate some features such as Angles, Subtitles, or multi-language Audio.** | – The features may not be available on the DVD.<br>– Changing the language for the sound or subtitle is prohibited on this DVD. |

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# Troubleshooting (continued)

| Problem | Solution |
|---|---|
| **Not able to select some Items in the setup/system menu.** | – Press STOP button twice before selecting the setup/system menu.<br>– Depending on the disc availability, some menu items cannot be selected. |
| **The DVD system does not start playback.** | – Insert a readable disc with the playback side facing down. The DVD+R/CD-R must be finalized.<br>– Check the disc type, color system (PAL or NTSC) and region code.<br>– Check for any scratches or smudges on the disc.<br>– Press SETUP to turn off the setup menu screen.<br>– You may need to enter the password in order to change the parental control rating level or to unlock the disc for playback.<br>– Moisture may have condensed inside the system. Remove the disc and leave the system turned on for about an hour. |
| **There is no sound from the centre and surround speakers.** | – Make sure the center and rear speakers are connected correctly.<br>– Press SURR button to select a correct surround sound setting.<br>– Make sure the source you are playing is recorded or broadcast in surround sound (DTS, Dolby Digital, etc.) |
| **Radio reception is poor.** | – If the signal is too weak, adjust the antenna or connect an external antenna for better reception.<br>– Increase the distance between the system and your TV or VCR.<br>– Tune in to the correct frequency.<br>– Place the antenna further away from any equipment that may be causing the interference. |
| **The remote control does not function properly.** | – Select the source (DISC or TUNER, for example) before pressing the function button (▶, ◀◀, ▶▶.)<br>– Reduce the distance between the remote control and the system.<br>– Replace the batteries with new ones.<br>– Point the remote control directly toward the IR sensor.<br>– Check that the batteries are loaded correctly. |
| **Unable to play DivX movies.** | – Check that the DivX file is encoded in 'Home Theater' mode with DivX 5.x encoder. |
| **The DVD system does not work.** | – Disconnect the power cord from the power outlet for a few minutes. Reconnect the power cord and try to operate again as usual. |
| **No output from all speakers and 'SPEAKER ERR' appears on the front display** | – Disconnect and reconnect again the power cord from both the subwoofer and system.<br>– Check the speaker connections. They should be color-matched. |

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# 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 wide-screens is 16:9.

**AUDIO OUT Jacks:** Red and white 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 second, 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.

**DivX 3.11/4.x/5.x:** The DivX code is a patent-pending, MPEG-4 based video compression technology, developed by DivXNetworks, 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, rear left and right, center and subwoofer).

**Dolby Surround Pro Logic II:** It is an improved matrix decoding technology that provides better spatiality and directionality on Dolby Surround program material; provides a convincing three-dimensional soundfield on conventional stereo music recordings; and is ideally suited to bring the surround experience to automotive sound. While conventional surround programming is fully campatible with Dolby Surround Pro Logic II decoders, soundtracks will be able to be encoded specifically to take full advantage of Pro Logic II playback, including separate left and right surround channels. (Such material also compatible with conventional Pro Logic decoders.)

**DTS:** Digital Theater 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. A still-picture data compression system proposed by the 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 the MP3 format. One CD-R or CD-RW can contain about 10 times more data then a regular CD.

**Multichannel:** DVDs are formatted to have each sound track constitute one sound field. Multichannel refers to a structure of sound tracks having three or more channels.

**Parental control:** Limits Disc play according to the age of the users or 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.

**Playback control (PBC):** Refers to the signal recorded on video CDs or SVCDs for controlling playback. By using menu screens recorded on a Video CD or SVCD that supports PBC, you can enjoy interactive playback and searching.

**Plug and Play:** First time power up to the Tuner mode, the system will prompt the user to proceed with the automatic installation of radio stations by simply pressing the PLAY button on the main unit.

**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 allowing discs to be played only in the region designated. 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.)

**S-Video:** Produces a clear picture by sending separate signals for the luminance and the color. You can use S-Video only if your TV has an S-Video In jack.

**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 movie or music feature on DVD. Each title is assigned a title number, enabling you to locate the title you want.

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

# AUSTRALIA - Philips 3 years Manufacturers Warranty for Australia only

**These warranty conditions are valid for the following consumer electronics products: Colour Televisions, Video Cassette Recorders, CD Players and Recorders, DVD Players and Recorders, 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.

3 YEARS **free Repair Service**
Colour Televisions, CD Players and Recorders, DVD Players and Recorders and Audio Systems.

3 YEARS **free Replacement – at your Retailer**
All Portable Audio products and all Video Cassette recorders (VCR's) only.

**Conditions of Repair Warranty**

1. All claims for warranty service should be made to your nearest Philips Authorised Service Centre. Reasonable evidence of date of purchase must be provided.

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

3. This warranty applies for original purchase only. It is not transferable if sold.

4. Home service within the normal service area of one of our Authorised Service Centres will only be provided for television receivers with screen size 48 cm and above. All other products are to be taken or sent to the workshop of your nearest Authorised Service Centre (at Consumer's expense).

5. This Manufacturers Warranty is limited to 3 months for above listed Consumer Electronics products if used in commercial applications.

6. Philips may, at its discretion choose to replace rather than repair any product covered by this warranty.

7. This Manufacturers Warranty is neither transferable nor valid in countries other than Australia.

**This warranty does not cover:**
**a)** Mileage or travelling time, pickup or delivery, installations and cost of insurance.

**b)** Mileage or travel outside the normal service area covered by selected Authorised Service Centre.

**c)** 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.

**d)** Product failures caused by misuse, neglect, accidental breakage, transit damage, inexpert repairs or modification by un-authorised persons, external fires, lightning strikes, floods, vermin infestation or liquid spillage.

**e)** Cleaning of video or audio heads.

**f)** Inadequate receiving antennae.

**g)** Replacement of worn or used batteries or other consumables.

**h)** Consumer products used in commercial applications (This warranty is limited to 3 months only).

**i)** Second hand products.

The conditions contained in this warranty card replace and override the provision of the Philips World-Wide Guarantee for products purchased in Australia and used in Australia.

**Philips Authorised Service Centres**
Service is provided through 200 accredited Authorised Service Centres throughout Australia. For direct contact with your nearest recommended Authorised Service Centre in major cities:

| | |
|---|---|
| **Adelaide** | **Launceston** |
| **Brisbane** | **Melbourne** |
| **Canberra** | **Newcastle** |
| **Geelong** | **Perth** |
| **Gold Coast** | **Sydney** |
| **Hobart** | **Wollongong** |

or to find the location of your nearest recommended Authorised Service Centre outside the above cities please call our National Service telephone number:

**1300 361 392**

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

Model number:.....................................................

Serial number:...................................................

Date of purchase:...................................................

Retailer:...................................................

*We recommend you retain your purchase receipt to assist in any warranty claim.*

Philips Consumer Electronics
a division of Philips Electronics Australia Limited
ABN 24 008 445 743,
Level 2, 65 Epping Road NORTH RYDE NSW 2113

3 year Warranty valid for all new products purchased after 1st July 2002

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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 unauthorised modification to the product or repair by an unauthorised 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
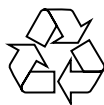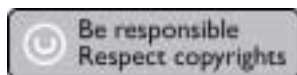
**The Guarantee Controller**
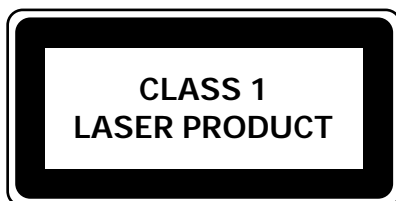**Philips New Zealand Ltd.**
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