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HTS3365

PHILIPS

México

NOM-

Es necesario que lea cuidadosamente su instructivo de manejo.

PRECAUCION - ADVERTENCIA

NO ABRIR, RIESGO DE CHOQUE ELECTRICO

ATENCION

VERIFIQUE QUE EL VOLTAJE DE ALIMENTACION
SEA EL REQUERIDO PARA SU APARATO

PARA EVITAR EL RIESGO DE CHOQUE ELECTRICO, NO QUITE LA TAPA;
EN CASO DE REQUERIR SERVICIO, DIRIJASE AL PERSONAL AUTORIZADO DE PHILIPS.

Descriptión:	**Reproductor de Disco de Video Digital**
Modelo:	**HTS3365**
Alimentacón:	**110-127 V / 220-240 V~**
	50-60 Hz
Consumo:	**100 W**
Importador:	**Philips Mexicana, S.A. de C.V.**
Domicilio:	**Av. La Palma No. 6,**
	Col. San Fernando, La Herradura
	Huixquilucan, Edo de Mexico
	C.P. 52784, Mexico
Localidad y Tel.:	**Tel. 52 69 90 00**
Exportador:	**Philips Electronics HK, Ltd.**
País de Origen:	**China**

Nº de Serie: _____

**LEA CUICADOSAMENTE ESTE INSTRUCTIVO
ANTES DE USAR SU APARATO.**

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- *Maltrato, descuido o mal uso, presencia de insectos o roedores (cucarachas, ratones etc.).*
- *Cuando el aparato no haya sido operarado de acuerdo con el instructivo del uso, fuera de los valores nominales y tolerancias de las tensiones (voltaje), frecuencia (ciclaje) de alimentación elétrica y las características que deben renuir las instalaciones auxiliares.*
- *Por fenómenos naturales tales como: temblores, inundaciones, incendios, descargas electricas, rayos etc. o delitos causados por terceros (choques asaltos, riñas, etc.).*

LASER	
Type	Semiconductor laser InGaAlP (DVD) AlGaAs (CD)
Wave length	645 - 660 nm (DVD) 770 - 800 nm (CD)
Output Power	6 mW (DVD) 7 mW (VCD/CD)
Beam divergence	60 degrees

Due to the inconsistency of disc formats provided by various disc manufacturers, your DVD system/ player/recorder may require a playability enhancement or upgrade. As DVD technology advances, these enhancement will become common and will be easy to complete.
Go to www.philips.com/support for software upgrade.

'CONSUMERS SHOULD NOTE THAT NOT ALL HIGH DEFINITION TELEVISION SETS ARE FULLY COMPATIBLE WITH THIS PRODUCT AND MAY CAUSE ARTIFACTS TO BE DISPLAYED IN THE PICTURE. IN CASE OF 525 OR 625 PROGRESSIVE SCAN PICTURE PROBLEMS, IT IS RECOMMENDED THAT THE USER SWITCH THE CONNECTION TO THE 'STANDARD DEFINITION' OUTPUT. IF THERE ARE QUESTIONS REGARDING OUR TV SET COMPATIBILITY WITH THIS MODEL 525p AND 625p DVD PLAYER, PLEASE CONTACT OUR CUSTOMER SERVICE CENTER.'

ATTENTION!

For Customer Use:

Read carefully the information located at the bottom or rear of your DVD Home Theatre System and enter below the Serial No. Retain this information for future reference.

Model No.   HTS3365

Serial No.   _____

CAUTION

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

This product incorporates copyright protection technology that is protected by method claims of certain U.S. patents and other intellectual property rights owned by Macrovision Corporation and other rights owners. Use of this copyright protection technology must be authorised by Macrovision Corporation, and is intended for home and other limited viewing uses only unless otherwise authorised by Macrovision Corporation. Reserve engineering or disassembly is prohibited.

"Evite o uso prolongado do aparelho com volume superior a 85 decibéis pois isto poderá prejudicar a sua audição."

Nível de Decibéis	Exemplos
30	Biblioteca silenciosa, sussurros leves
40	Sala de estar, refrigerador, quarto longe do trânsito
50	Trânsito leve, conversação normal, escritório silencioso
60	Ar condicionado a uma distância de 6 m, máquina de costura
70	Aspirador de pó, secador de cabelo, restaurante ruidoso
80	Tráfego médio de cidade, coletor de lixo, alarme de despertador a uma distância de 60 cm

OS RUÍDOS ABAIXO PODEM SER PERIGOSOS EM CASO DE EXPOSIÇÃO CONSTANTE

90	Metrô, motocicleta, tráfego de caminhão, cortador de grama
100	Caminhão de lixo, serra elétrica, furadeira pneumática
120	Show de banda de rock em frente às caixas acústicas, trovão
140	Tiro de arma de fogo, avião a jato
180	Lançamento de foguete

Language Code

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
	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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dts Digital Surround

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Plays Windows Media™

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English

Español

B. Português

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General Information

WARNING!
This unit does not contain any user-serviceable parts. Please leave all maintenance work to qualified personnel.

Setup precautions

Finding a suitable location
–   Place this unit on a flat, hard and stable surface. Never place the unit on a carpet.
–   Never place this unit on top of other equipment that might heat it up (e.g., receiver or amplifier).
–   Never put anything under this unit (e.g., CDs, magazines).
–   Install this unit near the AC outlet where the AC power plug can be easily reached.

Space for ventilation
–   Place this unit in a location with adequate ventilation to prevent internal heat build up. Allow at least 10 cm (4") clearance from the rear and the top of this unit and 5cm (2") from the left and right to prevent overheating.

Avoid high temperature, moisture, water and dust
–   This unit must not be exposed to dripping or splashing.
–   Never place any object or items that can damage this unit (e.g., liquid filled objects, lighted candles).

Accessories supplied

–   1 subwoofer
–   2 front speakers
–   2 rear speakers
–   1 centre speaker
–   1 remote control with batteries
–   1 HDMI cable
–   1 composite video cable (yellow)
–   1 AM/MW loop antenna
–   1 FM wire antenna
–   1 Round-to-Flat pin adaptor
    (for Latam countries only)
–   Quick Start Guide

Cleaning discs

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

CAUTION!
Never use solvents e.g. benzene, thinner, commercially available cleaners, or anti-static sprays intended for discs.

About recycling

These operating instructions have been printed on non-polluting paper. The electronic equipment contains a large number of materials that can be recycled. If you are disposing of an old machine, please take it to a recycling centre. Please observe the local regulations regarding disposal of packaging materials, exhausted batteries and old equipment.

Main Unit

Front Panel View

Inside View
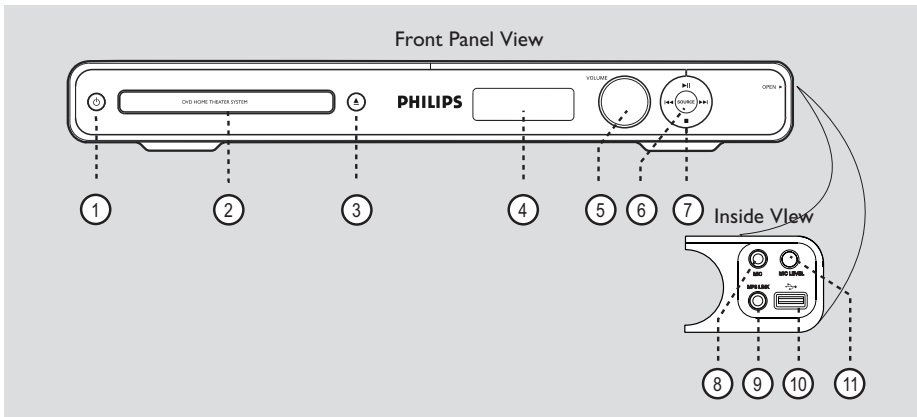
① ℗ (Standby-On)
− Turns on this unit or turns off to standby mode.

② **Disc Tray**

③ ▲ (Open/Close)
− Opens/closes the disc tray.

④ **Display panel**
− Shows information about the current status of the unit.

⑤ **VOLUME**
− Adjusts the volume level.

⑥ **SOURCE**
− Selects the relevant active source mode: DISC, FM, AM/MW, AUX 1, AUX 2, DI (DIGTAL IN) or MP3 LINK

⑦ ►II (Play/Pause)
− DISC: starts/pauses playback.
− RADIO: starts auto radio installation for first time setup.

   I◄◄ / ►►I (Previous/Next)
− DISC: skips to the previous or next title/ chapter/track.
− DISC: press and hold this button for fast forward and backward search.
− RADIO: selects a preset radio station.

■ (Stop)
− Exits an operation.
− DISC: stops playback.
− RADIO: press and hold this button to erase the current preset radio station.

   Note:
   The following sockets are under the flap at the right corner of the front panel, **OPEN ►**.
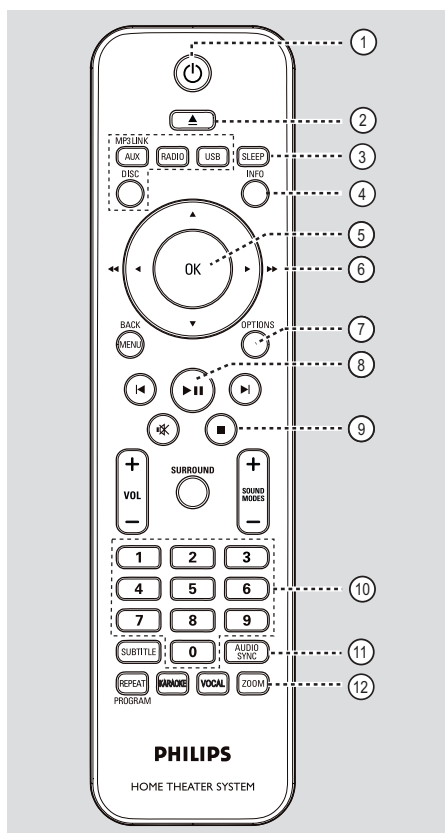
⑧ **MIC socket**
− For microphone connection.

⑨ **MP3 LINK socket**
− Phono input for connecting to the headphone out socket on your portable audio player.

⑩ ↬• (USB) **socket**
− Input for USB flash drive or USB memory card reader.

⑪ **MIC LEVEL**
− Activates microphone level mode and use the volume control to set the microphone volume level.

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Remote Control

① ⏻ (Standby-On)
– Turns on this unit or turns off to standby
  mode.

② ⏏ (Open/Close)
– Opens/closes the disc tray.

③ **SLEEP**
– Sets the sleep timer.

④ **INFO**
– Displays the current status or disc
  information.

⑤ **OK**
– Confirms an entry or selection.

⑥ ▲▼◄►
– DISC: selects movement direction in the
  menu.
– DISC: press left or right for fast forward
  and backward search.
– RADIO: press up or down to tune the
  radio frequency.
– RADIO: press left or right to start auto
  search.

⑦ **OPTIONS**
– Enters or exits the system setup menu.

⑧ ►II (Play/Pause)
– DISC: starts/pauses playback.
– RADIO: starts auto radio installation for
  first time setup.

⑨ ■ (Stop)
– Exits an operation.
– DISC: stops playback.
– RADIO: press and hold this button to
  erase the current preset radio station.

⑩ **Numeric keypad 0-9**
– Enters a track/title/chapter of the disc.
– Enters a number of a preset radio station.

⑪ **AUDIO SYNC**
– Select an audio language/channel.
– Sets the audio output delay times if the
  video playback is slower than the audio
  output.

⑫ **ZOOM**
– Zoom the picture on the TV.

⑬ Source buttons
– **AUX (MP3 LINK)**: switches to
   AUX 1, AUX 2, DI (DIGTAL IN) or
   MP3 LINK external source mode.
– **RADIO:** switches to FM or AM/MW
   bandwave.
– USB: switches to USB mode.
– **DISC**: switches to DISC mode.

⑭ MENU (BACK)
– DVD: go back to title menu.
– VCD/SVCD:
   During playback (PBC ON mode only)
   return to PBC menu.

⑮ ◄◄ / ►► (Previous / Next)
– DISC: skips to the previous or next title/
   chapter/track.
– RADIO: selects a preset radio station.

⑯ ⊠ (Mute)
– Mutes or restores the volume.

⑰ SURROUND
– Selects multi-channel surround or
   stereo or party mode.

⑱ VOL ＋ / －
– Adjusts the volume level.

⑲ SOUND MODES ＋ / －
– Selects a predefined sound effect.

⑳ SUBTITLE
– Selects a DVD subtitle language.

㉑ REPEAT (PROGRAM)
– DISC: Selects various repeat or shuffle
   modes; turns off repeat or shuffle mode.
– RADIO: Press this button to start manual
   preset programming.
– RADIO: Press and hold this button to
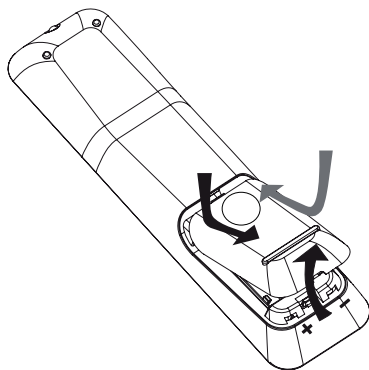   start automatic preset programming.
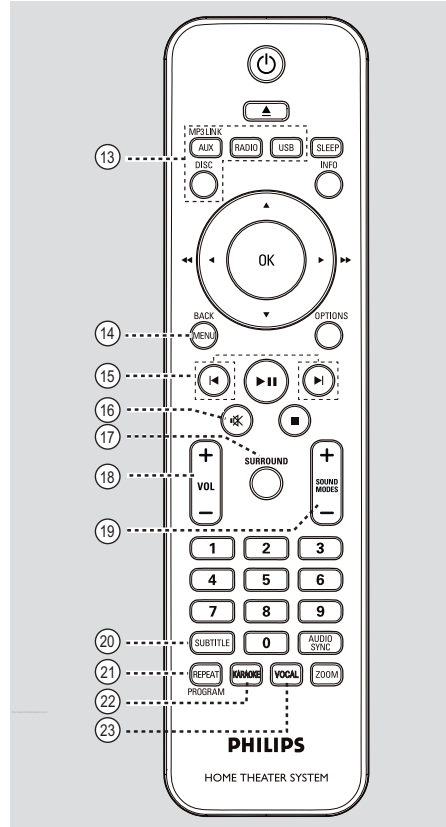
㉒ KARAOKE
– Enters or exits microphone setting menu.

㉓ VOCAL
– Toggles between various audio mode.

Remote Control (continued)

Using the remote control

CAUTION!
– Remove batteries if they are exhausted or if the remote control is not to be used for a long time.
– Never mix batteries (old and new or carbon and alkaline, etc).
– Batteries contain chemical substances, they should be disposed of properly.

A Push to open the battery compartment.

B Insert two batteries type R03 or AAA, following the indications (+ −) inside the compartment.

C Close the cover.

D Point the remote control directly at the remote sensor (iR) on the front panel.

E Select the source you wish to control by pressing the AUX (MP3 LINK), RADIO, USB or DISC button on the remote control.

F Then select the desired function (for example |◀, ▶|).

Step 1: Placing the speakers

The Philips Home Theatre System is simple to install. However, proper system placement is critical to ensure an optimum sound experience.

1 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.

2 Place the centre speaker above the TV or the main unit such that the centre channel's sound is localised.

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

4 Place the subwoofer at the corner of the room. Otherwise, keep it at least one metre away from the TV.

Helpful Hints:
– The placement diagram shown here is only a guideline that provides great system performance. You may find other placement choices that are more suitable for your room layout that provide the sound experience you enjoy.
– To avoid magnetic interference, never position the front speakers too close to your TV.
– The rear speakers are labelled as REAR LEFT or REAR RIGHT.
– The front speakers are labelled as FRONT LEFT or FRONT RIGHT.
– For speaker setting, see 'Getting Started - Setting the speakers' channels'.

Basic Connections (continued)

Option 2

Option 1

Main Unit (rear)
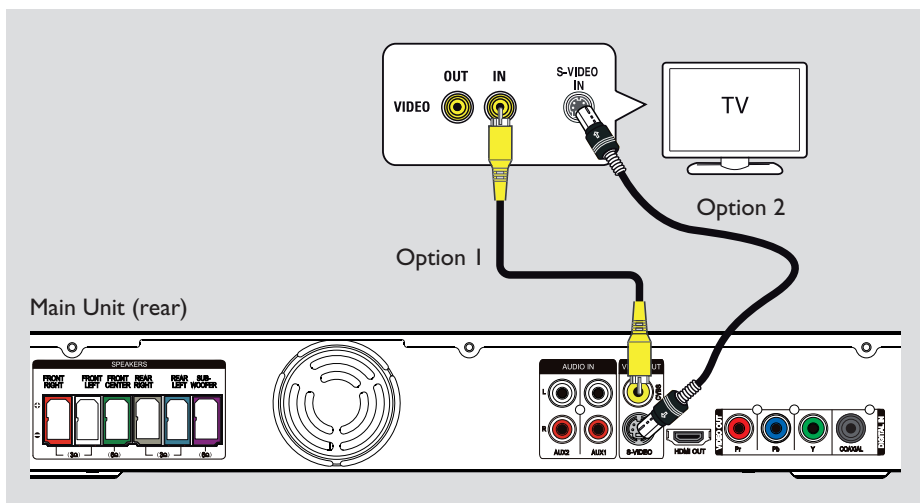
Step 2: Connecting to TV

This connection enables you to view the video playback from this unit. You only need to choose **one** of the options below to make the video connection.
– For a standard TV, follow option 1 or or 2.
– For a progressive scan TV, follow option 3.
– For a HDMI TV, follow option 4.

Helpful Hint:
– It is important to connect this unit directly to the TV in order to enjoy optimum video quality.
– To hear the TV audio through this unit, connect AUDIO IN-AUX sockets on the unit to the audio output on your TV (cables not supplied). Then press AUX (MP3 LINK) repeatedly until 'AUX 1' or 'AUX 2' is displayed on the front panel.

Option 1: Connecting to the Video socket

● Use a composite video cable (yellow - supplied) to connect the **CVBS** socket on the main unit to the video input socket (or labeled as A/V In, Video In, Composite or Baseband) on the TV.
→ It provides good picture quality.

Option 2: Connecting to the S-Video socket

● Use an S-video cable (not supplied) to connect the **S-VIDEO** jack on the main unit to the S-Video input jack (or labeled as Y/C or S-VHS) on the TV.
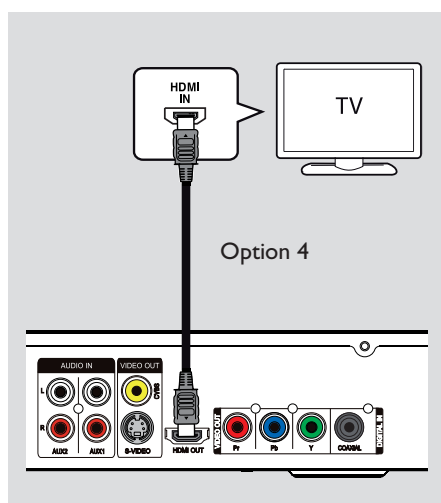→ It provides good picture quality.

Option 3

Main Unit (rear)
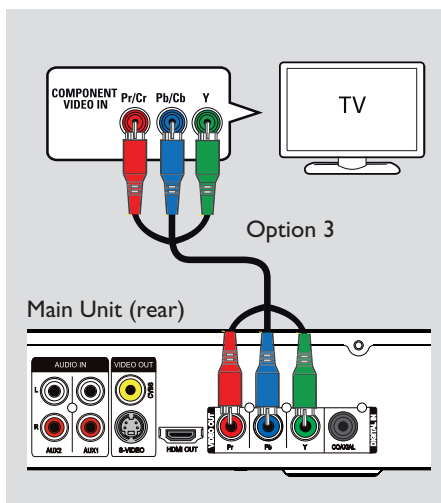
Option 4

Option 3: Connecting to a Progressive Scan TV or component video input

The progressive scan video quality is only available when using Y Pb Pr connection and a progressive scan TV is required. It provides superior picture quality when watching DVD movies.

1 Use the component video cables (red/blue/green - not supplied) to connect the **Y Pb Pr** sockets on the main unit to the corresponding component video input sockets (or labeled as Y Pb/Cb Pr/Cr or YUV) on the TV.
→ It provides better picture quality.

2 If your TV accepts progressive signals, proceed to chapter 'Getting Started - Setting up Progressive Scan feature' for detailed progressive feature setup.

Option 4: Connecting to a HDMI-compatible TV

HDMI (High Definition Multimedia Interface) is a digital interface that allows pure digital video transmission without the loss of image quality.
→ It provides best picture quality.

● Use the HDMI cable (supplied) to connect the **HDMI OUT** on the main unit to the HDMI IN on a HDMI-compatible device (e.g., HDMI TV, HDCP compliant DVI TV.)
→ It provides best picture quality.

Note:
This unit is HDMI CEC compatible. It enables connected devices to control each other over HDMI, see 'Setup Menu Options - { Video Setup > HDMI Setup > EasyLink }' for details.

Helpful Hints:
– The HDMI is backward compatible with some DVI devices using an appropriate adaptor plug.
– If a DVI device is connected, an additional audio cable is required for audio transmission.

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Basic Connections (continued)

FRONT CENTRE

REAR LEFT

FRONT LEFT

FRONT RIGHT

REAR RIGHT

SUBWOOFER

FRONT RIGHT FRONT LEFT FRONT CENTER REAR RIGHT REAR LEFT SUB-WOOFER

(4Ω) (8Ω) (4Ω) (8Ω)
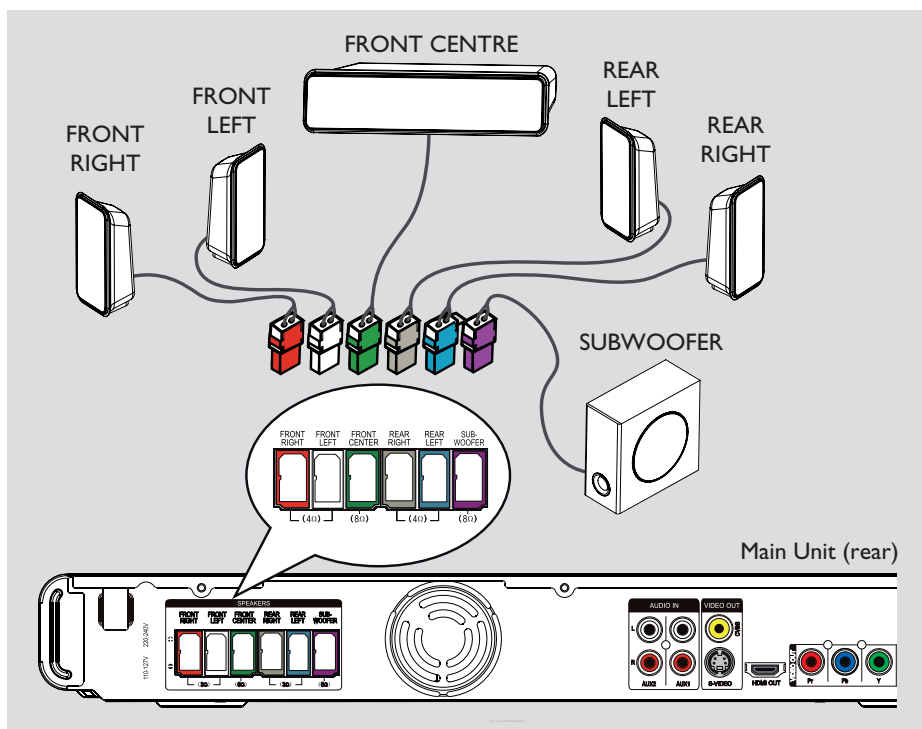
Main Unit (rear)

Step 3: Connecting speakers and subwoofer

● Connect all the speakers and subwoofer
to the matching sockets at the rear of the
main unit, Make sure that the colours of
the cables and sockets are matched.

Helpful Hint:
– To prevent unwanted noise, never place
the speakers too close to the main unit,
subwoofer, AC power adapter, TV or any
other radiation sources.

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FM antenna

AM/MW antenna

fix the claw
into the slot

TV

Main Unit (rear)

Step 4: Connecting the FM and AM/MW antennas

❶ Connect the supplied AM/MW loop antenna to the **AM/MW** socket. Place the AM/MW loop antenna on a shelf, or attach it to a stand or wall.
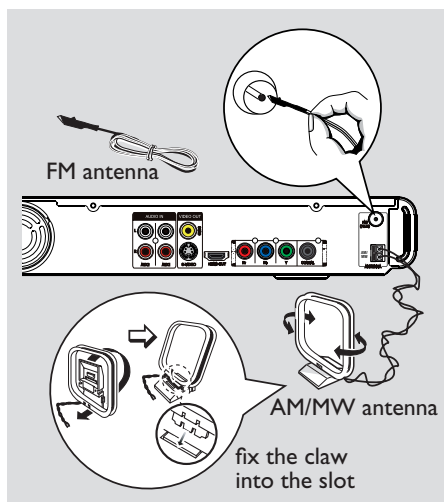
❷ Connect the supplied FM antenna to the **FM 75 Ω** socket. (For some models, the FM antenna has been connected in the factory.) Extend the FM antenna and fix its ends to the wall.

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 away as possible from your TV, VCR or other radiation source to prevent any unwanted interference.
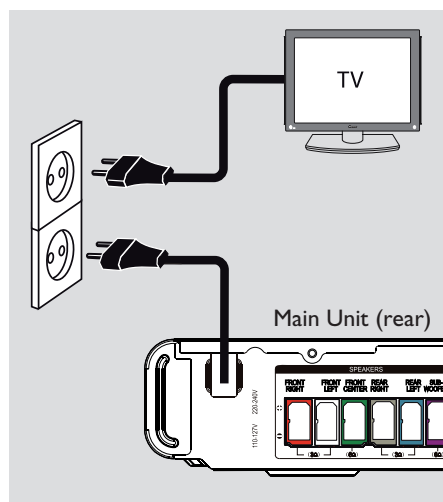
Step 5: Connecting the power cord

Notes:
– For power supply rating, refer to the rear or bottom of the main unit.
– Turning off to standby mode does not disconnect the unit from mains.

❶ When all the connections are complete, set the voltage selector to the local power line voltage.

110-127V   220-240V
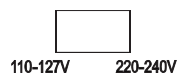
❷ Connect the AC power cord to the power outlet.
➔ The standby LED on the main unit lights up.

Helpful Hint:
– Before making or changing any connections, make sure that all the devices are disconnected from the power outlet.

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Optional Connections
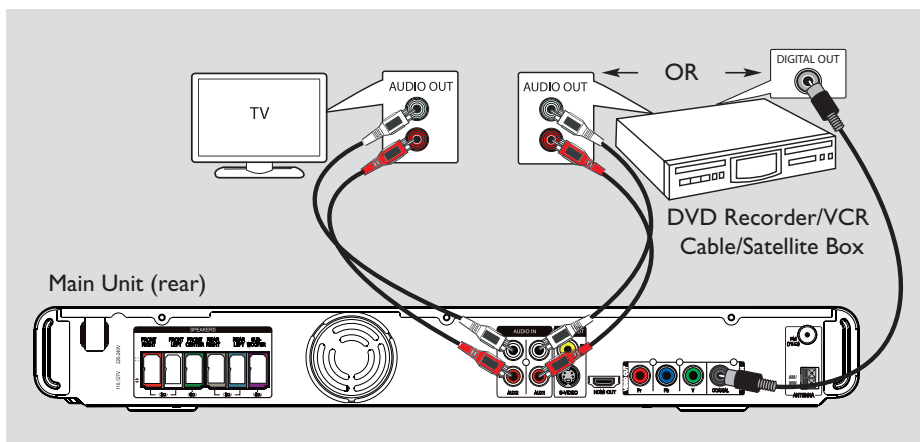
Connecting audio from other devices

This unit provides analog and digital audio connection. You can connect the audio output from an audio/video device (e.g. DVD Recorder, VCR, Cable/Satellite Box, game console or TV) to the main unit in order to enjoy the multi-channel surround sound capabilities.

● Use an audio cable (not supplied) to connect the **AUDIO IN-AUX1 or AUDIO IN-AUX2** sockets on the main unit to the AUDIO OUT sockets on the connected device.

   To listen to the audio output from this connection, press **AUX (MP3 Link)** repeatedly until 'AUX 1' or 'AUX 2' is displayed on the front panel.

Or

● Use a coaxial cable (not supplied) to connect the **DIGITAL IN-COAXIAL** socket on the main unit to the DIGITAL output socket on the connected device.

   To listen to the audio output from this connection, press AUX (MP3 LINK) repeatedly until 'DI' is displayed on the front panel.

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Finding the correct viewing channel

1 Press ⏻ to turn on the unit.

2 Press **DISC** on the remote control.

3 Turn on the TV and switch it to the correct video-in channel.
→ You may go to the lowest channel on your TV, then press the Channel Down button on your TVs remote control until you see the Video In channel.
→ You may press ⊡ button repeatedly on your TV's remote control.
→ Usually this channel is between the lowest and highest channels and may be called FRONT, A/V IN, VIDEO, etc..
→ Refer to your TVs user manual on how to select the correct input on your TV.

Switching to different play source

On the main unit
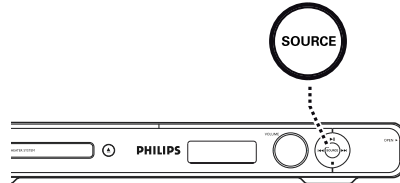
● Press the **SOURCE** button on the main unit repeatedly to select:

　　DISC → FM → AM/MW →
　　AUX 1 → AUX 2 → DI (DIGTIAL IN)
　　→ MP3 LINK → DISC ....

Or

On the remote control
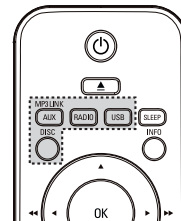
● Press **AUX (MP3 LINK)** repeatedly to hear the audio output from the external device.
→ 'AUX 1' for device connected to AUDIO IN-AUX 1 sockets.
→ 'AUX 2' for device connected to AUDIO IN-AUX 2 sockets.
→ 'DI' for device connected to DIGITAL IN-COAXIAL socket.
→ 'MP3 LINK' for device connected to MP3 LINK socket.

● Press **RADIO** to switch to FM or AM/MW bandwave.

● Press **USB** to switch to USB mode.

● Press **DISC** to switch to DISC mode.

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Getting Started (continued)

Setting language preferences

The language options are different depending on your country or region. It may not correspond to the illustrations shown on the user manual.

On-screen display (OSD) language

The OSD (On-Screen Display) language for this unit remains as you have set it, regardless of the changes made to the DVD disc language.

A In disc mode, press **OPTIONS** on the remote control.
➜ { **General Setup** } appears.

B Press ▶.

C Press ▲▼ keys to select { **OSD Language** } 🎛 icon in the menu and press ▶.

```
General Setup            PHILIPS

🎛  Disc Lock
    Display Dim          Auto
🔊  OSD Language         ✔ English
    Screen Saver         Español
    Sleep                Brazil Por
    DivX(R) VOD Code
🎛

        Press OPTIONS to exit menu
```
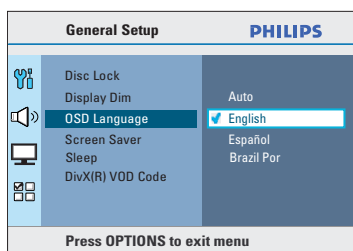
D Use ▲▼ keys to select a language and press **OK** to confirm.

Audio, Subtitle and Menu language for DVD playback

You can select your preferred language settings for DVD playback. If the selected language is recorded on the DVD disc, this unit automatically plays the disc in that language. Otherwise, the disc's default language will be used instead.

A Press ■ twice to stop playback (if any), then press **OPTIONS**.

B Press ▼ repeatedly to select { **Preferences** } 🎛 icon, and press ▶.

C Use ▲▼ keys to select one of the options below and press ▶.

```
Preferences             PHILIPS

🎛  Audio                ✔ English
    Subtitle             Chinese (Simp)
🔊  Disc Menu            French
    Parental             Spanish
    PBC                  Portuguese
🖥  MP3/JPEG Nav         Polish
    Password             Italian
🎛  DivX Subtitle  ▼     Turkish    ▼

        Press OPTIONS to exit menu
```
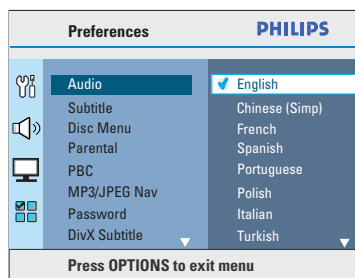
{ **Audio** }
Select the preferred audio language for DVD playback.

{ **Subtitle** }
Select the preferred subtitle language for DVD playback.

{ **Disc Menu** }
Select the preferred disc menu language for DVD playback.

D Use ▲▼ keys to select a language and press **OK** to confirm.

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

5 Repeat steps 3 ~ 4 for other settings.

Helpful Hints:
– During DVD playback, you can press the AUDIO SYNC and SUBTITLE on the remote control to change the audio and subtitle languages respectively. However, this does not change the default settings you have made here.
– For some DVDs, the subtitle/audio/disc menu language can only be changed via the DVD disc menu.

Getting Started (continued)

Setting up Progressive Scan feature

(for Progressive Scan TV only)
The progressive scan displays twice the number of frames per second than interlaced scanning (ordinary normal TV system). With nearly double the number of lines, progressive scan offers higher picture resolution and quality.

Before you start...
Ensure that you have connected this unit to a progressive scan TV (see 'Option 3: Connecting to a Progressive Scan TV or component video input'.)

1 Turn on the TV to the correct viewing channel for this unit.
➜ Make sure that the TVs progressive scan mode is turned off (or set to interlaced mode). Refer to your TVs user manual.

2 Turn on this unit and press **DISC** on the remote control.

3 Press **OPTIONS** on the remote control.

4 Press ▼ repeatedly to select { **Video Setup** } 🖵 icon, and press ▶.

Video Setup	PHILIPS
TV Type	
TV Display	
Progressive	✔ Off
Picture Setting	On
HDMI Setup	
Component	
Closed Caption	
Press OPTIONS to exit menu	
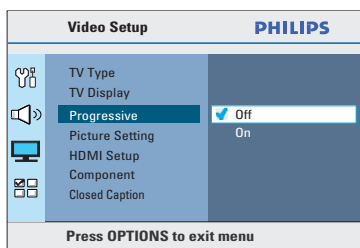
5 Move to { **Progressive** } > { **On** } in the menu and press **OK** to confirm.

6 Read the notification message on the TV and confirm your action by selecting the { **OK** } in the menu and press **OK**.

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

7 Turn on your TV progressive scan mode, refer to your TVs user manual.
➜ A message appears on the TV.

8 Confirm your action by selecting the { **OK** } in the menu and press **OK**.
➜ The setup is now completed and you can start to enjoy the high quality picture.

If no picture is displayed

1 Press ⏏ on the main unit.

2 Press ◀ on the remote control.

3 Press **AUDIO SYNC** on the remote control.

Helpful Hints:
– If a blank/distorted screen appears, wait for 15 seconds for the auto recovery.
– There are some progressive scan TVs that are not fully compatible with this unit, resulting in an 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 this unit and your TV.

Setting the speakers' channels

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

Before you start...
Stop the disc playback by pressing ■ button twice or remove the disc from the disc tray. Otherwise, the settings are not accessible.

A In disc mode, press **OPTIONS** on the remote control.

B Press ▼ repeatedly to select { **Audio Setup** } 🔊 icon, and press ▶.

C Select { **Speakers Volume** } and press ▶.

Audio Setup	PHILIPS

Speakers Volume
Speakers Delay
HDMI Audio
CD Upsampling
Audio Sync

Speakers Level Setup
Front Left 0dB
Front Right 0dB
Center 0dB
Subwoofer 0dB
Rear Left 0dB
Rear Right 0dB

Press OPTIONS to exit menu
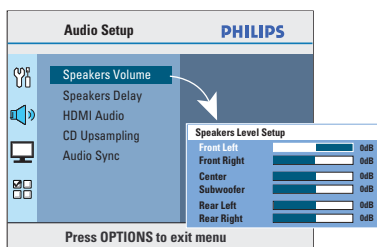
D Use ◀ ▶ keys to set the volume level for each speaker (-6dB ~ +6dB) and press **OK** to confirm.

E Use ▲▼ keys to highlight { **Speakers Delay** } and press ▶.

Audio Setup PHILIPS

Speakers Volume
Speakers Delay
HDMI Audio
CD Upsampling
Audio Sync

Speakers Distance Setup
Center 0ms
Rear Left 0ms
Rear Right 0ms

Press OPTIONS to exit menu
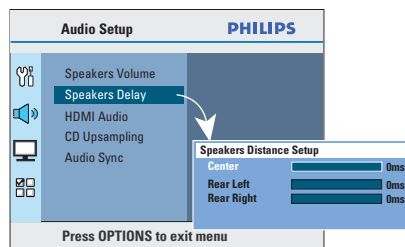
F Use ◀ ▶ keys to set the delay times (0 ms ~ 15 ms) for centre and rear speakers that best suit your surround sound needs.

G Press **OK** to confirm.

Helpful Hints:
– A 1ms increase/decrease of delay time is equivalent to 30 cm 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 generated to help you judge the sound level of each speaker.

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Getting Started (continued)

Setting the EasyLink control

This feature enables HDMI CEC compliant devices to control each other with a single remote control. It is only available if you have connected this Home Theatre unit to HDMI CEC compliant TV or device with HDMI cable.

A Turn on the HDMI CEC operations on your TV and other connected devices. (Refer to your TV or connected devices manual for details.)

B Press **DISC** on the remote control.

C Press **OPTIONS**.

D Press ▼ to select { **Video Setup** } 🖵 icon in the menu, then press ▶.

E Select { **HDMI Setup** } > { **EasyLink** }, then press **OK**.

> **EasyLink**
>
> Auto Wakeup TV
> System Standby
> System Audio Control
> HDMI Input Mapping
>
> **Press OPTIONS to exit menu**

● { **Auto Wakeup TV** } and { **System Standby** } functions are turned on by default in the factory.

F To enable one touch input switching function, select { **System Audio Control** } > { **On** }, then press **OK**.
→ Ensure that your TV/devices audio outputs are connected to the audio inputs of the main unit.
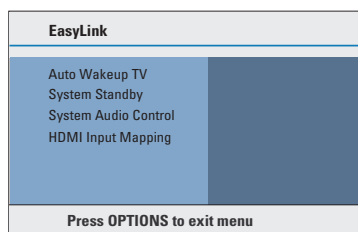
G Select { **HDMI Input Mapping** }, then press **OK**.

H Select { **OK** } to confirm scanning of devices, then press **OK**.
→ The mapping menu of your audio input device is displayed.

I Select the input { **AUX1/AUX2/ COAXIAL IN/MP3 LINK** } in the menu and press ▶. Then select the TV/ device that matches the audio input and press **OK**.

J To exit the menu, press **OPTIONS**.

One touch control

Notes:
– To enable one touch play function, a video disc must be placed in the disc compartment before operation.
– Philips does not guarantee 100% interoperability with all HDMI CEC compliant devices.

One touch play

● Press ▶II.
→ It turns on this Home Theatre unit and start disc play.
→ Your TV automatically turns on and switches to the correct video channel.

One touch input switching

While this Home Theatre unit and TV are turned on;

● Select a TV channel to watch TV programme or start play on other connected device.
→ This Home Theatre unit automatically switches to the corresponding audio input and output the sound from its speakers system.

One touch power off

● Press STANDBY/POWER button to turn off this unit and all the HDMI CEC compliant devices.
→ When using this unit's remote control, you have to press and hold ⏻.

Playable discs

Your DVD home theatre system plays:

– Digital Versatile Discs (DVDs)
– Video CDs (VCDs)
– Super Video CDs (SVCDs)
– Finalised DVD Recordable (DVD±R), DVD Rewritable (DVD±RW)
– Audio Compact Discs (CDs)
– MP3/ Windows Media™ Audio discs, picture (Kodak, JPEG) files on CD-R(W)
  – ISO 9660/UDF format
  – 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 (average 128 kbps)
– DivX® files on CD-R(W)/DVD+R(W):
  – DivX® 3/4/5/6, DivX® Ultra

Region Codes for DVD discs

DVD discs and players are designed with regional restrictions. Before playing a disc, make sure the disc is for the same region as the unit. The regional code for this unit is indicated at the rear or bottom panel.

Notes:
– If the inhibit icon (ø or X) appears on the TV when a button is pressed, it means the function is not available on the current disc or at the current time.
– Never put any objects other than discs on the disc tray. Doing so may cause the unit to malfunction.

Playing a disc

❶ Press **SOURCE** repeatedly until 'DISC' appears on the display panel (or press **DISC** on the remote control).

❷ Turn on the TV to the correct viewing channel for this unit.
➜ The blue DVD background screen appears on the TV.

❸ Press ⏏ to open the disc tray.

❹ Load a disc and press ⏏ to close the disc tray.
➜ Make sure the disc label is facing up. For double-sided discs, load the side which you want to play facing up.

❺ Playback starts automatically.
➜ See the following pages for more playback options and features.

Helpful Hints:
– If you are having trouble playing a certain disc, remove the disc and try a different one. Improperly formatted discs cannot be played on this unit.
– Some discs cannot be played on this unit 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)

Basic playback controls

Pausing playback

● During playback, press ►II.
➔ While in pause mode, you can press ► to step forward one frame at each press.
➔ To resume playback, press ►II again.

Selecting another track/chapter

● Press I◄ / ►I or use the **numeric keypad 0-9** to key in a track/chapter number.
➔ If the repeat track mode is active, press I◄ again to replay the same track/chapter.

Searching backward/forward

● Press ◄◄ / ►► on the remote control.
➔ While searching, press ◄◄ / ►► repeatedly to increase the search speed.
➔ To resume normal playback, press ►II.

Stopping playback

● Press ■.

Helpful Hints:
– If the message 'Playback from the beginning, press I◄' appears on the TV while you load in a disc, you can press I◄ to start playback from the beginning.
– This is a power-saving feature, this unit automatically switches to standby mode if you do not press any buttons within 15 minutes after a disc has stopped playing.
– Screen saver starts automatically if the disc playback is stopped for about 5 minutes.

Selecting various repeat/shuffle functions

The available of the repeat play options and shuffle play mode are vary depending on the disc type.

● While playing a disc, press **REPEAT (PROGRAM)** on the remote control repeatedly to choose a repeat or shuffle play mode.

DVD
→ RPT ONE (repeat chapter)
→ RPT TT (repeat title)
→ SHUFFLE (random play)
→ RPT SHF (repeat random play)
→ RPT OFF (exit repeat mode)

VCD/SVCD/CD
→ RPT ONE (repeat track)
→ RPT ALL (repeat disc)
→ SHUFFLE (random play)
→ RPT SHF (repeat random play)
→ RPT OFF (exit repeat mode)

MP3/Windows Media™ Audio/DivX®
→ RPT ONE (repeat track)
→ RPT ALL/FLD (repeat folder)
→ SHUFFLE (random play)
→ RPT OFF (exit repeat mode)

Helpful Hint:
– Repeat playback is not possible on VCDs / SVCDs when the PBC mode is turned on.

Other playback features for video discs (DVD/VCD/SVCD)

DISC ······· INFO

BACK MENU ······· OPTIONS

SUBTITLE ······· AUDIO SYNC

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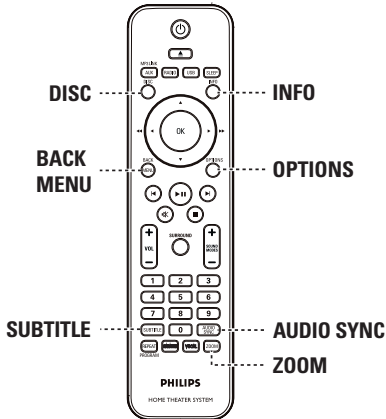
Note:
The operating features described here might not be possible for certain discs. Always refer to the instructions supplied with the discs.

Using the Disc menu

Depending on the disc format, a menu may appear on the TV screen once you load the disc.

To select a playback feature or item
● Use ◀ ▶ ▲ ▼ keys or **numeric keypad 0-9** on the remote control, then press **OK** to start playback.

To access or remove the menu
● Press **DISC** on the remote control.

Viewing playback information

This unit can display the disc playback information (for example, title or chapter number, audio/subtitle language) and a number of operations can be done without interrupting disc playback.

A During playback, press **INFO**.
➜ A list of available disc information appears on the TV.

DVD

Menu	▶	
Title	01/01	
Chapter	02/99	
Audio	2ch	Chi
Subtitle	Off	▼
Bitrate 7 ‖‖‖‖‖	Title Elapsed	0:29:17

VCD/SVCD

Menu	▶
Track	09/16
Disc Time	1:16:05
Track Time	0:04:32
Repeat	Off
	▼
Bitrate 8 ‖‖‖‖	Total Elapsed 0:29:17

B Use ▲▼ keys to view the information and press **OK** to access.

C Use the **numeric keypad 0-9** to input the number/time or use ▲▼ keys to make the selection.

D Press **OK** to confirm.
➜ Playback changes according to the chosen time or to the selected title/chapter/track.

E To exit, press **INFO**.

Disc Operations (continued)

Zooming

This option allows you to zoom and pan through the picture on the TV.

A During playback, press **ZOOM** repeatedly to select a different zoom factor.
➔ Playback continues.

B Use ◄ ► ▲ ▼ keys to pan through the enlarged image.

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

Changing subtitle language

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.

Switching camera angles

This option is only available on DVDs that contain sequences recorded from different camera angles. This allows you to view the picture from different angles.

A If a camera icon appears on the TV, press **ANGLE** repeatedly to select the available angles.

Changing sound track language

This operation works only on DVDs with multiple sound track languages, or VCDs/ SVCDs with multiple audio channels.

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

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

Setting the delay times for audio playback

This feature allows you to adjust the audio delay times if the video playback is slower than the audio output streams, hence resulting in 'Lip-sync'. The only way to correct 'Lip-sync' error caused by delayed video is to delay audio by an equal amount.

A Press and hold **AUDIO SYNC** until 'Audio Sync' appears on the TV.

B Within five seconds, use the **VOL ＋ －** to set the audio output delay times (0 ~ 200 ms).
➔ If the volume control is not used within five seconds, it resumes its normal volume control function.

Helpful Hint:
– Set your preferred default AUDIO SYNC setting in the setup menu, see 'Setup Menu Options - { Audio Setup > Audio Sync } for details.'

Playback Control (VCD only)

Playback Control (PBC) playback allows you to play VCDs/SVCDs interactively, following the menu on the display. The PBC feature on this unit is turned on by default.

For VCDs with PBC feature (version 2.0 only) and SVCDs

● During playback (PBC ON mode only), press **MENU (BACK)** to return to PBC menu.

Helpful Hint:
– Set your preferred default PBC setting in the setup menu, see 'Setup Menu Options - { Preferences > PBC } for details.'

Preview function (VCD/SVCD only)

This function allows you to preview the contents of a VCD/SVCD.

❶ Press **DISC**.

> **Select Digest Type:**
>
> **Track Digest**
> **Disc Interval**
> **Track Interval**
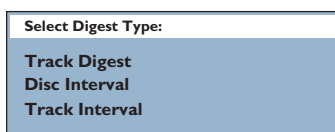
❷ Use ▲▼ keys to select one of the following options and press **OK**.

{ **Track Digest** }
View six different tracks on one screen each time. It allows you to have a quick glance at all the tracks on the disc.

{ **Disc Interval** }
View the whole disc in six thumbnail pictures. It divides a disc into six portions at regular intervals and displays them on one screen.

{ **Track Interval** }
View the content of a single track in six thumbnail pictures. It divides a single track into six portions at regular intervals and displays them on one screen.
This option is only available during playback mode.
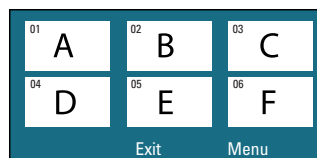
● To go to the previous or next page, press |◀ / ▶|.

● To return to the main menu, select { **Menu** } on the screen and press **OK**.

● Press **OK** on the selected thumbnail picture to start playback from there.

❸ To exit the preview menu, select { **Exit** } on the screen and press **OK**.

Disc Operations (continued)

Playing a MP3/ WMA disc

This unit can playback most of the MP3 and Windows Media™ Audio files recorded on a recordable disc or commercial CD.

Before you start ...
Turn on your TV to the correct Video In channel. See 'Finding the correct viewing channel' for details.

1 Load a MP3/WMA 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.

▶	00:06	04:04	001/036	**PHILIPS**
☐	\UDF_MP3\			

⌐	Previous
♫	08-AudioTrack
♫	09-AudioTrack
♫	10-AudioTrack
♫	11-AudioTrack
♫	12-AudioTrack
♫	13-AudioTrack
♫	14-AudioTrack

| 🗄 000 | ♫ 018 | ▶🗄 000 | Disc |
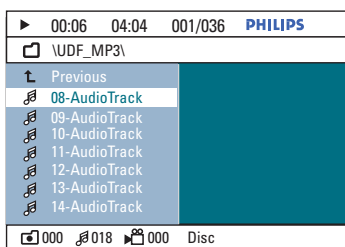
2 If the disc main menu contains various folders, use ▲▼ keys to select a desired folder and press **OK** to open the folder.

3 Use ▲▼ keys to select a file and press **OK** to start playback.
→ Playback starts from the selected file and continue till the end of the folder.

During playback;

● Press ⏮ / ⏭ to playback another file in the current folder.

● Press ◀◀ / ▶▶ to fast reverse/forward search for a track.

● To select another folder from the current disc, press ▲ repeatedly to highlight 'Previous' folder and press **OK** to return to the root menu.

4 To stop playback, press ■.

Helpful Hints:
– You can set to display or skip the folders when you load a MP3/JPEG disc. Press OPTIONS, then go to { Preferences > MP3/ JPEG NAV }.
– Only the first session of a multi-session CD will be played back.
– It is normal to experience an occasional 'skip' while listening to your MP3/WMA disc due to poor clarity of digital contents during internet downloading.
– If any special characters are present in the MP3/WMA track name (ID3) or album name, it might not be displayed correctly on the screen because this unit does not support the characters.

Playing a JPEG image file (slide show)

Before you start ...
Turn on your TV to the correct Video In channel. See 'Finding the correct viewing channel' for details.

1 Load a JPEG photo CD (or Kodak Picture CD).
➜ For a Kodak disc, the slide show begins automatically.
➜ For a JPEG disc, the picture menu appears on the TV. Press ▶︎Ⅱ to start the slide-show playback.

Helpful Hint:
– It may require longer time to display the disc content due to the large number of songs/pictures compiled into the disc.

Supported file format:
– The file extension has to be '*.JPG' and not '*.JPEG'.
– This unit can only display digital camera pictures according to the JPEG-EXIF format, typically used by almost all digital cameras. It cannot display progressive JPEG, Motion JPEG, or pictures in formats other than JPEG, or sound clips associated with pictures.

Preview function

1 During playback, press **INFO**.
➜ 12 thumbnail pictures will be displayed on the TV.
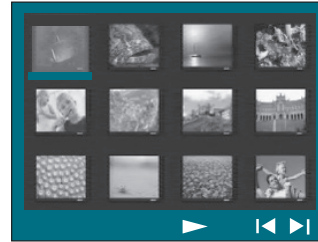
2 Press ⏮ / ⏭ to display the other pictures on the previous/next page.

3 Use ◀ ▶ ▲ ▼ keys to select one of the pictures and press **OK** to start playback.

4 Press **MENU (BACK)** to return to Picture CD menu.

Zooming

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

2 Use ◀ ▶ ▲ ▼ keys to pan through the enlarged image.

Skip/Rotate picture

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

Action	Remote Control
Skip to previous picture.	◀
Skip to next picture.	▶
Rotate the picture clockwise.	▲
Rotate the picture anti-clockwise.	▼

Disc Operations (continued)

Playing music and photo files simultaneously

You can create a musical slide show playback if the disc contains both the MP3/WMA music and JPEG picture files.

1 Load a disc that contains both MP3/WMA and JPEG files.

2 Use ▲▼ keys to select a MP3/WMA file from the disc menu and press **OK** to start playback.

3 During MP3/WMA playback, use ◀▶▲▼ keys to select a JPEG file from the disc menu and press **OK**.
➔ Slideshow begins and continues till the end of the photo folder or album.

● To return to the menu, press **MENU (BACK)**,

4 To stop simultaneous playback, press ■ twice.

Playing a DivX® disc

You can only play those DivX® videos that were rented or purchased using the DivX® registration code of this unit (see 'Setup Menu Options - { General Setup > DivX(R) VOD Code }' for details.)

1 Load a DivX® disc.

2 Use ◀▶▲▼ keys to navigate to the file you want to play.

3 Press **OK** to start playback.

During playback;

● If the DivX® disc has multilingual subtitles, you can press **SUBTITLE** on the remote control to change the subtitle language.

● If the DivX® title has different audio tracks, you can press **AUDIO SYNC** on the remote control to change the audio stream.

● Use ◀◀ / ▶▶ keys on the remote control to perform fast reverse/forward search.

● Press **INFO** repeatedly until the Time Search menu appears, key in the time where playback should start.
➔ Playback skips to the time entered.

Helpful Hints:
– Subtitle files with the following file name extensions (.srt, .smi, .sub, .ssa, .ass) are supported but do not appear on the file navigation menu.
– The subtitle file name has to be the same as the file name of the movie.
– The subtitle can only be displayed up to an average of 45 characters.

Playing a Karaoke disc

1 Connect a microphone (not supplied) to the **MIC** socket at the right side of the front panel.
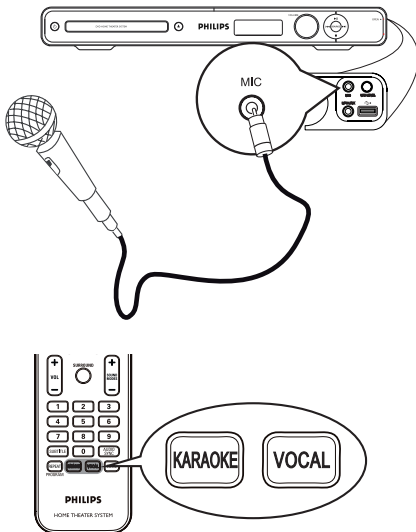
2 Insert a karaoke disc.

● If the disc menu appears, use ▲▼ keys to make your selection and press **OK** to start playback.

3 To turn off the vocal or change the sound channel of a karaoke disc, press **VOCAL** on the remote control repeatedly to toggle between various audio modes.

4 Start enjoying the karaoke.

Helpful Hints:
– While singing, you can press MIC LEVEL on the main unit followed by adjusting the volume control to set the microphone volume level.

Microphone setting

1 Press **KARAOKE** to access 'Microphone Setup' page.
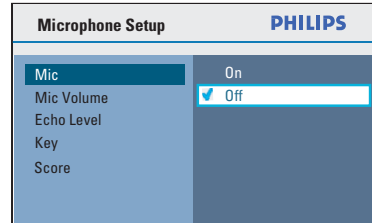
2 In 'Microphone Setup' page, use ▲▼ keys to select the option for microphone settings and press **OK** to confirm.

{ Mic } - On - Off	To turn on or off the karaoke microphone.
{ Mic Volume }	Set the microphone volume level (0 ~ +20). Default setting is 10.
{ Echo Level }	Set the Echo Level (0 ~ +20). Default setting is 10.
{ Key }	Set the pitch level (-10~ +10) that matching your voice. **Note:** Select '-10' for lowest possible tone and '+10' for highest tone. To return to original tone, select '00'.
{ Score } - Off - Basic - Intermediate - Advance	Select the level of scoring option. **Note:** Select { Off } to turn off the karaoke scoring option.

Playback - USB Device

Playing from a USB device

You can play or view the data files (JPEG, MP3, Windows Media™ Audio or DivX®) in the USB flash drive or USB memory card reader. However, editing or copying the data file is not possible.
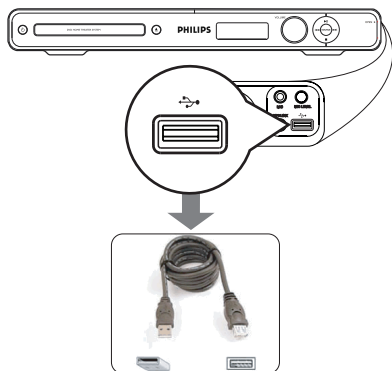
A Connect the USB flash drive/USB memory card reader directly to the ⇌• (USB) socket on this unit.

B A message appears on the TV for 5 (five) seconds when the device is detected.

Press USB to select device
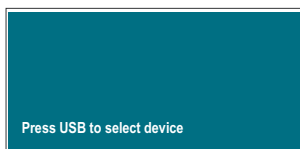
C Press **USB** on the remote control to access the data in the drive.
➔ When using multiple drives on a single card reader, only one of the connected cards can be accessed.
➔ The device numbers may vary from different card readers.

D Select the file to play and press ▶II.

● For more playback information, see 'Playing a DivX disc', 'Playing a JPEG photo file (slide show)' or 'Playing a MP3/WMA disc' for details.

E Before you remove the USB device, press ■ to stop playback or press **DISC** to switch to disc mode.

Helpful Hints:
– The USB socket does not support the connection of other USB devices except to a USB flash drive/USB memory card reader.
– When the USB device does not fit into the USB socket, a USB extension cable (not supplied) is required.
– This unit can only support up to a maximum of 300 folders and 648 files.
– You can only read and playback the content from the USB device.
– Copy-protected contents are not playable.

Playing from other portable audio player

You can connect your portable audio player to this unit to get the best immersion sound experience through the speaker system. However, controlling of playback is only possible on the portable audio player.

1. Use a 3.5mm stereo audio cable (not supplied) to connect the **MP3 LINK** socket on this unit to the 'headphone' output socket on your portable audio player.

2. Press **AUX (MP3 LINK)** repeatedly on the remote control until 'MP3 LINK' is displayed.

3. Start playback on your portable audio player.
   ➔ The music will be heard through the speakers.

4. To stop playback, press the STOP button on the portable audio player.

Helpful Hint:
– Stop playback on your portable audio player before you switch this unit to another input source (eg. DISC, USB).

Setup Menu Options

Accessing the setup menu

You can change the settings in this unit to suit your particular requirements.

OK

◄▼▲►
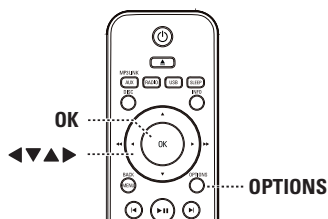
OPTIONS

A In disc mode, press **OPTIONS** on the remote control.
➔ The setup menu appears.

B Use ▲ ▼ keys to select one of the setup menu options, then press ►.

⚙	General Setup
🔊	Audio Setup
🖵	Video Setup
⊞	Preferences

● If you are not able to access the { Preferences }, press **OPTIONS** to exit the menu. Then, press ■ twice before you press the **OPTIONS** again.

C Use ▲▼ keys to select an option and press ►.

D Select the setting you wish to change and press **OK** to confirm and go back to the previously selected item.
➔ Instructions and explanations of the options are provided in the following pages.
➔ If the option in the menu is grayed out, that means the setting is not available or cannot be changed in the current state.

E To exit, press **OPTIONS**.

General Setup **PHILIPS**

Disc Lock
Display Dim
OSD Language
Screen Saver
Sleep
DivX(R) VOD Code

Press OPTIONS to exit menu
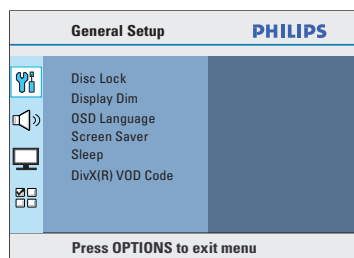
See 'General Setup' on this Chapter.

Audio Setup **PHILIPS**

Speakers Volume
Speakers Delay
HDMI Audio
CD Upsampling
Audio Sync

Press OPTIONS to exit menu
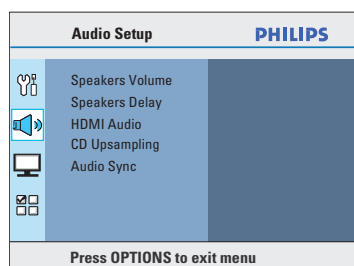
See 'Audio Setup' on this Chapter.

Video Setup **PHILIPS**

TV Type
TV Display
Progressive
Picture Setting
HDMI Setup
Closed Caption

Press OPTIONS to exit menu
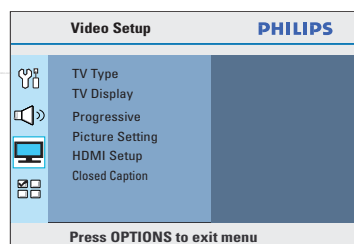
See 'Video Setup' on this Chapter.

Preferences **PHILIPS**

Audio
Subtitle
Disc Menu
Parental
PBC
MP3/JPEG Nav
Password
DivX Subtitle

Press OPTIONS to exit menu
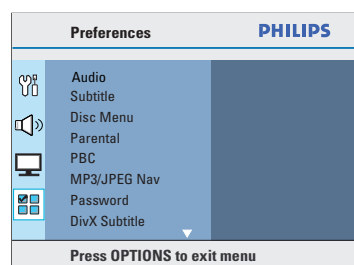
See 'Preferences' on this Chapter.

General Setup (underlined options are the factory default settings)

Disc Lock	Not all discs are rated or coded by the disc maker. You can prevent play of specific discs with the disc lock function. Up to 40 discs can be locked.

	{ **Lock** }	– To block the playback of the current disc. Subsequent access to a locked disc requires a six-digit password. The default password is '136900' (see { Preferences > Password } for details).
	{ <u>**Unlock**</u> }	– All discs can be played.

Display Dim	Select the brightness of this unit's display panel.

	{ <u>**100%**</u> }	– Full brightness.
	{ **70%** }	– Medium brightness.
	{ **40%** }	– Dimmest display. This switches off all LEDs and icons on the front display panel of this unit.

OSD Language	Select the menu language for this unit's on-screen display.

Screen Saver	The screen saver prevents damage to the TV screen by avoiding exposure to a static image for too long.

	{ <u>**On**</u> }	– Switch to TV screen saver mode when playback has been stopped or paused for about 5 minutes.
	{ **Off** }	– Disable the screen saver function.

Sleep	The sleep timer enables the unit to switch to standby mode automatically after a preset time.

	{ **15/30/45/60 mins** } –	Select the preset minutes for switching the unit to standby mode automatically.
	{ <u>**Off**</u> } –	Turn off the sleep mode function.

DivX(R) VOD Code	Philips provides you with the DivX® VOD (Video On Demand) registration code that allows you to rent or purchase videos from DivX® VOD service at www.divx.com/vod. All the downloaded videos from DivX® VOD can only be played back on this unit. Press ▶ to see the registration code and press **OK** to exit.

Setup Menu Options (continued)

Audio Setup (underlined options are the factory default settings)

Speakers Volume	Access the speaker's level setup menu. Use ◀ ▶ keys to adjust the volume level for each connected speaker between -6dB to +6dB. See 'Getting Started - Setting the speakers' channels'.
Speakers Delay	Access the speaker's distance setup menu. Use ◀ ▶ keys to set the delay times for the centre and rear speakers based on the listening position and distance. See 'Getting Started - Setting the speakers' channels'.

Note: 1 ms increase/decrease of delay time is equivalent to one (1) foot change in distance. Use the longer delay time settings when the rear speakers are closer to the listener than the front speakers.

HDMI Audio
This setting is only required if you are using the HDMI OUT socket to connect your TV or other display device (see 'Option 4: Connecting to a HDMI-compatible TV').

{ **Off** } – Turn off the HDMI audio output. You can still enjoy the sound output through the speaker system.

{ <u>**All**</u> } – The HDMI audio output will be same as the audio stream being played back. In the case when the playback audio format is not supported, the audio output will be changed to PCM (Pulse Code Modulation) automatically.

Notes:
– It may take a while for this unit and the input device to communicate and initialise.
– It is not possible to listen to SACDs or copy-controlled DVD-Audio CPPM (Content Protection for Playable Media) sources using the HDMI connection.

Audio Setup (underlined options are the factory default settings)

CD Upsampling

This feature enables you to convert the music CD to a higher sampling rate using sophisticated digital signal processing for better sound quality.

{ **Off** }   –   Turn off CD-upsampling.
{ **88.2 kHz (X2)** } –   To convert the sampling rate of the CDs twice as high as the original rate.

Notes:
– This function is not available if you switch to Multi-channel mode.
– If you press **SURROUND** on the remote control, it turns off the CD upsampling feature.

Audio Sync

This feature allows you to adjust the audio delay times if the video playback is slower than the audio output streams.

Use ◄ ► keys to set the delay times for the audio output between 0~200ms.

Setup Menu Options (continued)

Video Setup (underlined options are the factory default settings)

TV Type

Select the colour system that matches the connected TV. It enables playback of a different type of disc (PAL or NTSC disc) on this unit.

{ **PAL** } – For PAL-system TV.
{ **NTSC** } – For NTSC-system TV.
{ **Multi** } – For TV that is compatible with both PAL and NTSC.

TV Display

The picture shape can be adjusted to fit your TV.

{ **4:3 Pan Scan** } – For a full-height picture with the sides trimmed.

{ **4:3 Letter Box** } – For a 'wide-screen' display with black bars on the top and bottom.

{ **16:9 Wide Screen** } – For wide-screen TV (frame ratio 16:9).

Progressive

Before enabling the progressive scan feature, you must ensure that your TV can accept progressive signals (a progressive scan TV is required) and that you have connected this unit to your TV using the Y Pb Pr. See 'Getting Started > Setting up Progressive Scan feature' for details.

{ **Off** } – Turn off the progressive scan mode.
{ **On** } – Turn on progressive scan mode.
Read the instructions on the TV and confirm your action by pressing **OK** on the remote control.

Picture Setting

This unit provides three predefined sets of picture colour settings and one personal setting which you can define yourself.

{ **Standard** } – Original colour setting.
{ **Bright** } – Vibrant colour setting.
{ **Soft** } – Warm colour setting.
{ **Personal** } – Select this to personalise the picture colour setting. Use ◀▶ keys to adjust to the setting that best suits your personal preference and press **OK** to confirm. For an average setting, select { 0 }.
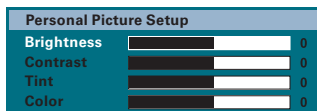
Personal Picture Setup	
Brightness	0
Contrast	0
Tint	0
Color	0

Setup Menu Options (continued)

Video Setup (underlined options are the factory default settings)

HDMI Setup

It provides the picture settings to enhance the appearance and picture quality for disc playback. This feature is only applicable if you have connected this unit to a HDMI-compatible TV/device.

{ **Wide Screen Format** } – Select a suitable screen display (this option is only available when { **TV Display** } is set to { **16:9 Wide Screen** }).

{ **Superwide** }
Display the 4:3 picture disc on the wide-screen TV with non-linear stretching (centre position of the screen is stretched less than the side.) The supported video resolution for this setting is 720p or 1080i.

{ **4:3 Pillar Box** }
Display the 4:3 picture disc on the wide-screen TV without stretching. Black bars will be shown on the both sides of the TV screen.

{ **Off** }
No aspect ratio adjustment is made when this option is selected.

Note: The { Superwide } is only applicable for resolution: 720p or 1080i.

{ **HDMI Video** } – Select a suitable video resolution that is compatible with your TV display capability.

{ **Auto** }
It detects and selects the best supported video resolution automatically.

{ **480p, 576p, 720p, 1080i, 1080p** }
Manually select a video resolution. 'p' for progressive and 'i' for interlaced.

Note: If no display appears on the TV due to unsupported resolution, use the composite video cable to connect this unit and your TV. Turn on your TV to the correct input channel for the composite video and adjust the resolution setting to 480p/576p

Setup Menu Options (continued)

Video Setup (underlined options are the factory default settings)

| **HDMI Setup** | continues... |

{ **EasyLink** } — Enable HDMI CEC compliant TV/devices to control each other with a single remote control.

Notes:
– Your TV and other connected devices must be compliant with HDMI CEC.
– You must turn on the HDMI CEC operations on your TV/devices before you can enjoy the EasyLink controls. See your TVs/devices manual for details.
– Philips does not guarantee 100% interoperability with all HDMI CEC compliant devices.

{ **Auto Wakeup TV** }
Press ▶II button to turn on (both your TV and this unit) and start video disc play (if a video disc is found in the disc tray). Your TV automatically switches to the correct video channel.
To disable this feature, select { **Off** }.

{ **System Standby** }
Press STANDBY/POWER button to turn off this unit and all the HDMI CEC compliant devices.
To disable this feature, select { **Decline** }.

Note: However, press and hold ⏻ button on this unit remote control can still turn off all the HDMI CEC compliant devices.

{ **System Audio Control** }
This unit automatically switches to the audio input of the active device and output the sound from its speakers system.
To enable this feature, select { **On** }. Then proceed to { **HDMI Input Mapping** } to scan and map all available devices.

{ **HDMI Input Mapping** }
Map the correct audio connections from your TV/devices to this unit to enable seamless switching of audio input automatically.
To start, press **OK** and confirm scanning. Then select the audio input (e.g. AUX1, COAXIAL IN) and map to your TV or other devices accordingly.

Setup Menu Options (continued)

Video Setup (underlined options are the factory default settings)

Closed Caption   This feature is only available if the disc contains of special video
signal data. It shows sound effects on the screen if your TV
supports this feature, such as 'phone ringing' and 'footsteps.'

{ **On** }   – Turn on closed caption feature.
{ **Off** }   – Turn off closed caption feature.

Setup Menu Options (continued)

Preferences (underlined options are the factory default settings)

Audio	Select the preferred audio language for DVDs with multiple sound tracks.
Subtitle	Select the preferred subtitle language for DVD playback.
Disc Menu	Select the preferred disc menu language for DVD playback.

Note: If the selected audio/subtitle/disc menu language is not available on the DVD, the disc's default language will be used instead.

Parental

This is to prohibit viewing of discs that had exceeded the limits you set. It works only on the DVDs with parental level assigned to the complete disc or to certain scenes on the disc.

1) Use ▲▼ keys to select a rating level from 1 to 8 and press **OK**.
2) Use the **numeric keypad 0-9** on the remote control to enter your six-digit password.

Notes:
– The ratings are country-dependent ('**1**' is considered material that is least offensive and '**8**' is most offensive). To disable parental controls and allow all discs to play, select '**8**'.
– 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 playback of such discs. VCD, SVCD and CD have no level indication, so parental control has no effect on these type of discs.
– DVDs that are rated higher than the level you selected will not be played unless you enter the same six-digit password.

PBC

Play Back Control feature is applicable for VCD/SVCD only. It allows you to play Video CDs (2.0) interactively, following the menu on the display.

{ **On** } – The index menu (if available) appears on the TV when you load a VCD/SVCD.

{ **Off** } – The VCD/SVCD skips the index menu and playback directly from the beginning.

Setup Menu Options (continued)

Preferences (underlined options are the factory default settings)

MP3/JPEG Nav

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

{ **Without Menu** } –		Display all the files contained in the MP3/Picture disc.
{ <u>**With Menu**</u> }	–	Display the folder menu of the MP3/Picture disc.

Note: This unit can only display 648 files in the directory.

Password

The password is used for the Disc Lock and Parental. The default password is '136900'. To change the password:

1) Press **OK** to access the change password menu.

Change Password	
Old Password	
New Password	
Confirm PWD	
	OK

2) Use the **numeric keypad 0-9** on the remote control to enter your existing six-digit password at { Old Password }.

Note: When doing this for the first time or if you forget your existing password, key in '136900'.

3) Enter the new six-digit password at { New Password }.
4) Enter the new six-digit password again at { Confirm PWD }.
5) Press **OK** to confirm and exit the menu.

DivX Subtitle

Select the font type that supports the recorded DivX® subtitle.

{ <u>**Standard**</u> }	–	Display a standard list of Roman subtitle fonts provided by this unit.
{ **Central Europe** }	–	Display Central Europe fonts.
{ **Cyrillic** }	–	Display Cyrillic fonts.
{ **Greek** }	–	Display Greek subtitle fonts.
{ **Hebrew** }	–	Display Hebrew subtitle fonts.
{ **Chinese (Simp)** }	–	Display Simplified Chinese fonts.
{ **Korean** }	–	Display Korean fonts.

Preferences (underlined options are the factory default settings)

Default

This feature enables you to reset all the setup menu options and your personal settings to the factory defaults, except your password for the Disc Lock and Parental.

Press **OK** to confirm the default reset.

Version Info

This shows you informations about the current version of the software installed in this unit. You may require this information for future online firmware upgrade.

Press **OK** to display the software version of this unit.

Before you start .....

Ensure that the antennas are connected to the main unit. (For some models, the FM antenna has been connected in the factory.)

For FM antenna

1 Connect the FM antenna (supplied) to the **FM** socket.

2 Attach the other end of the FM antenna to a wall.

For AM/MW loop antenna

1 Stand the AM/MW loop antenna (supplied) upright to fix its claw into the slot.

2 Connect the AM/MW loop antenna to the **AM/MW** socket.

3 Place the AM/MW loop antenna on a shelf, or attach it to a stand or wall.

FM antenna

AM/MW loop antenna
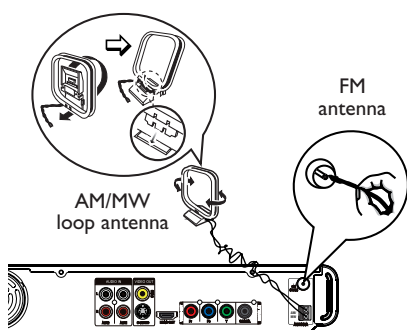
Helpful Hints:
– For better FM stereo reception, connect an external FM antenna (not supplied.)
– Position the antenna as far away as possible from your TV, VCR or other radiation source to prevent any unwanted interference.

Tuning to radio stations

1 Press **SOURCE** repeatedly until 'FM' or 'AM/MW' appears on the display panel (or press **RADIO** on the remote control).

2 Press ◀ / ▶ on the remote control to start tuning.
→ The frequency indication starts to change until a radio station with sufficient signal strength is found.

3 Repeat step 2 if necessary until you find the desired radio station

4 To fine-tune the reception of a weak station, press ▲ / ▼ briefly and repeatedly until an optimal reception is found.

Changing tuning grid

(only applicable for certain regions)
In some countries, the frequency step between adjacent channels in the (AM/MW) / FM Band is 9 kHZ / 50 kHz (10 kHz / 100 kHz in some areas).

Note:
Changing the tuning grid erases all previously stored preset radio stations.

1 Press **SOURCE** repeatedly until 'FM' or 'AM/MW' appears.

2 Press ■.

3 Press and hold ▶ll until 'GRID 9' or 'GRID 10' appears.

Presetting radio stations

You can store up to 40 FM and 20 AM/MW preset radio stations in the memory. There are three different ways to program the radio stations:
– Using auto install (for first time setup only)
– Using automatic preset
– Using manual preset

Helpful Hints:
– This unit exits presetting mode if no button is pressed within 20 seconds.
– If no stereo signal is detected or less than 5 (five) stations are detected during radio installation, 'CHECK ANTENNA' appears.

Using auto install

When you access the 'RADIO' mode for the very first time, you will be prompted to install the radio stations. With this feature, you can install all the available radio station automatically with one touch of button.
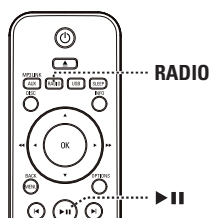
RADIO
▶II

A Press **RADIO**.
➜ 'AUTO INSTALL ... PRESS PLAY' appears.

B Press ▶II.
➜ The unit starts searching from FM band followed by the AM/MW band.
➜ All the available radio stations with strong signal will be stored automatically.
➜ Once complete, the first tuned radio station will be played back.

Using automatic preset

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

RADIO
REPEAT PROGRAM

A Press **RADIO** to select 'FM' or 'AM/MW' band.

B Press and hold **REPEAT (PROGRAM)** until 'START ...' appears on the display panel.
➜ All previously stored radio stations will be replaced.

Using manual preset

Use manual presetting to store your favourite radio stations.

A Tune to your desired radio station (see 'Tuning to radio stations').

B Press **REPEAT (PROGRAM)**.

C Press |◀ / ▶| or use the **numeric keypad 0-9** to select a preset number that you want to store the current radio station.

D Press **REPEAT (PROGRAM)** to store.

Selecting a preset radio station

① Press **RADIO** to select 'FM' or 'AM/ MW' band.

② Press ◄◄ / ►► or use the **numeric keypad 0-9** to select a preset radio stations.
➔ The preset number and radio frequency appear on the display panel.

Deleting a preset radio station

① In radio mode, press ◄◄ / ►► to select a preset radio station.

② Press and hold ■ until 'FM or AM/MW X DELETED' appears.
➔ 'X' is the preset number.
➔ The radio station continues to play but has been deleted from the preset list.
➔ The rest of the preset radio stations remain unchanged.

Sound and Volume Controls

⫶⃤ (mute) ......
VOL ＋－ ......
SURROUND ......
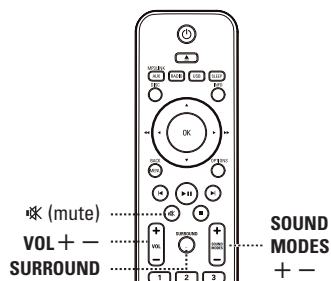
SOUND
MODES
＋－

Volume control

● Press **VOL** ＋/－ to increase or decrease the volume level.

To turn off the volume temporarily
● Press ⫶⃤ .
➔ Playback continues without sound and 'MUTE' appears.
➔ To restore the volume, press ⫶⃤ again, or increase the volume level.

Selecting surround sound

● Press **SURROUND** to select Multi-Channel, Stereo sound or Party sound.
➔ The availability of the various surround sound modes depends on the sound available on the disc.
➔ The available output modes for Multi-channel include: Dolby Digital, DTS (Digital Theatre Systems) Surround and Dolby Pro Logic II.
➔ Stereo broadcasts or recordings will produce some surround channel effects when played in a surround mode.
➔ Party mode is ideal for party music. It enhanced the stereo channels output by duplicating the sound output to the centre, rear left and rear right speakers.

Selecting digital sound effects

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

● Press **SOUND MODES** ＋/－ to select the available sound effect.

Movies	Music	Description
CONCERT	CLASSIC	Flat and pure sound mode. Ideal for listening to classical music and watching live concert DVDs.
DRAMA	LOUNGE	Moderate sound mode suitable for lounge music and watching dramas.
ACTION	ROCK	Enhanced low and high range for great sounding movie effects and atmosphere. Great for action movies and rock/pop music.
GAMING	SPORTS	Moderate mid range and surround effects for clear vocals and the atmosphere of a live sports venue. Also suitable for video gaming.
NIGHT	NIGHT	Dynamically controlled sound mode suitable for watching movies at night or for non-intrusive background music.

Other Features

Turning on the sleep timer

The sleep timer enables the unit to switch to standby mode automatically after the selected preset time.

● Press **SLEEP** repeatedly until it reaches the desired preset turn-off time (in minutes):
OFF > 60 > 45 > 30 > 15 > OFF ....

To check or change the setting

● Press **SLEEP** once to show the remaining time before switching off. To change the setting, press **SLEEP** repeatedly until the time is displayed.

To cancel the sleep timer

● Press **SLEEP** repeatedly until 'OFF' is displayed or turn off this unit to standby.

Installing the latest software

Philips provides software upgrades to make sure that this unit is compatible with the newest formats. To check the updates, compare the current software version of this unit with the latest software version available at the Philips website.

A Press **OPTIONS** to select { **Preferences** } menu.

B Select { **Version Info** }, and press **OK** to check the software version of this unit.

Preferences		**PHILIPS**
	Disc Menu ▲	
	Parental	
	PBC	
	MP3/JPEG Nav	
	Password	
	DivX Subtitle	
	Default	
	Version Info	
Press OPTIONS to exit menu		
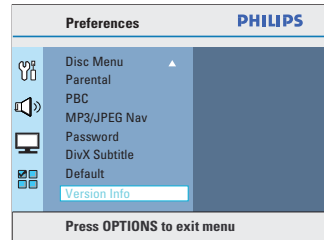
C Write down the version number, then press **OPTIONS** to exit the menu.

D Go to www.philips.com/support to check the latest software version available for this unit.

E If the latest software version is higher than the software version of this unit, download it and store onto a CD-R or USB flash drive

F Insert the CD-R or USB flash drive to this unit and confirm upgrade operation.

Note:
Never unplug or turn off this unit during the upgrade.

G Once complete, this unit turns off to standby mode automatically.

Troubleshooting

WARNING

Under no circumstances should you try to repair the system yourself, as this will invalidate the warranty. Never 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 solve a problem by following these instructions, consult your dealer or Philips for help.

Problem (General)	Solution

No picture.	– Refer to your TVs manual for correct Video In channel selection. Change the TV channel until you see the DVD screen.
	– Press DISC to select disc mode.
	– If this happens when you turn on the progressive scan feature, wait for 15 seconds for the auto recover or switch to the default mode as below:
	  1) Press ▲ to open the disc tray.
	  2) Press ◀ on the remote control.
	  3) Press **AUDIO SYNC** on the remote control.
	– If this happens when you change the HDMI video setting, wait for 15 seconds for the auto recover or switch to the default mode as below:
	  1) Press ▲ to open the disc tray.
	  2) Press ◀ on the remote control.
	  3) Press **ZOOM** on the remote control.

Completely distorted picture or black/white picture.	– Check the video connection. – Sometimes a small amount of picture distortion may appear. This is not a malfunction. – The disc is dirty. Clean the disc.
No sound or distorted sound.	– Adjust the volume. – Check the speaker connections and settings. – Make sure that the audio cables are connected and press the correct source button (for example, AUX (MP3 LINK)) to choose the device that you want to hear through this unit.
No surround sound effect from the speakers.	– Press SURROUND to select a correct surround sound setting. – Make sure that the source you are playing is recorded or broadcast in surround sound (DTS, Dolby Digital, etc).

Problem (Playback)	Solution
The remote control does not function properly.	– Select the source you want to play (for example, DISC, USB or RADIO) before pressing the function button (▶II, I◀ / ▶I). – Reduce the distance between the remote control and this unit. – Batteries are weak, replace the batteries. – Point the remote control directly toward the IR sensor.
The unit does not start playback.	– Load a readable disc with the playback side facing down. The DVD+R/CD-R must be finalised. – Make sure the disc is not scratched or warped. – Press OPTIONS to turn off the system setup menu screen. – You may need to enter the password in order to unlock the disc for playback. – Moisture may have condensed inside this unit. Remove the disc and leave this unit turned on for about an hour.
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. – Depending on the TV, it may not be possible to change the aspect ratio.
Cannot activate some features e.g. Angles, Subtitles, or multi-language Audio.	– The features may not be available on the DVD. – Changing the language for the sound or subtitle is prohibited on this DVD.
Not able to select some items in the setup/system menu.	– Press ■ twice before selecting the system setup menu. – Depending on the disc availability, some menu items cannot be selected.
Unable to play DivX® movies.	– Ensure that the DivX® file is encoded according to the 'Home Theatre Profile' with the DivX® encoder. – Check that the DivX® movie download is a complete file.
Radio reception is poor.	– If the signal is too weak, adjust the antenna or connect an external antenna for better reception. – Increase the distance between this unit and your TV or VCR. – Tune in to the correct frequency. – Place the antenna further away from any equipment that may be causing the interference.

Troubleshooting (continued)

Problem (USB/HDMI)	Solution
The contents of the USB flash drive cannot be read.	– The USB flash drive format is not compatible with this unit. – Drive is formatted with a different file system which is not supported by this unit (e.g. NTFS).
Slow operation of the USB flash drive.	– Large file size or high memory USB flash drive takes longer time to read and display on the TV.
No audio output from HDMI connection.	– You will not hear any sound from the HDMI output if the source device is only DVI/HDCP (High-bandwidth Digital Content Protection)-compatible. – It is not possible to output SACD or copy-controlled DVD-Audio sources from the HDMI connection. – Make sure that the audio output setting is not turned off. See 'Setup Menu Options - { Audio Setup - HDMI Audio }' for details.
No video output from HDMI connection.	– HDMI connection can only be made to HDMI-equipped devices with HDCP (High Bandwidth Digital Content Protection). If you wish to connect to a DVI connector (equipped with HDCP), you will need a separate adaptor (DVI to HDMI). – Make sure the resolution of this unit matches the device you have connected using the HDMI. See 'Setup Menu Options - { Video Setup - HDMI Setup - HDMI Video }' for details.

Specifications

AMPLIFIER
Total output power :
- Home Theatre mode: 600 W
Frequency Response: 180 Hz – 18 kHz / ±3 dB
Signal-to-Noise Ratio: > 60 dB (A-weighted)
Input Sensitivity
- AUX 1: 400 mV
- AUX 2: 400 mV
- MP3 LINK: 400 mV

RADIO
Tuning Range: FM 87.5-108 MHz
                       (50/100 kHz)
                       AM/MW 530-1700 kHz
                       (10 kHz);
                       531-1602 kHz
                       (9 kHz)
26 dB Quieting
Sensitivity: FM 22 dBf,
                       AM/MW 5000µV/m
IF Rejection Ratio: FM 60 dB, AM/MW 24 dB
Signal-to-Noise Ratio: FM 50 dB, AM/MW 30 dB
AM/MW Suppression Ratio: FM 30 db
Harmonic Distortion: FM Mono 3%
                       FM Stereo 3%
                       AM/MW 5%
Frequency Response FM 180 Hz–10 kHz / ±6 dB
Stereo Separation   FM 26 dB (1 kHz)
Stereo Threshold   FM 29 dB

DISC
Laser Type   Semiconductor
Disc Diametre   12cm / 8cm
Video Decoding   MPEG-1 / MPEG-2 /
                       / DivX 3/4/5/6, Ultra
Video DAC   12 Bits
Signal System   PAL / NTSC
Video Format   4:3 / 16:9
Video S/N   56 dB
Composite Video
Output   1.0 Vp-p, 75Ω
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

USB
Compatibility   Hi-Speed USB (2.0)
Class Support   UMS (USB Mass
                       Storage Class),
                       MTP (Media Transfer
                       Protocol)

MAIN UNIT
Power Supply Rating: 110-127 V / 220-240 V~;
                       50-60 Hz
Power Consumption: 100 W
Dimensions: 435 x 58 x 360 (mm)
                       (w x h x d)
Weight: 4 kg

FRONT AND REAR SPEAKERS
System: Full range satellite
Impedance: 3 Ω
Speaker drivers: 3" full range speaker
Frequency response: 150 Hz – 20 kHz
Dimensions: 103 x 203 x 71 (mm)
                       (w x h x d)
Weight: 0.65 kg/each

CENTRE SPEAKER
System: Full range satellite
Impedance: 6 Ω
Speaker drivers: 2 x 2.5" full range speaker+
                       1 x 2" tweeter
Frequency response: 150 Hz – 20 kHz
Dimensions: 440 x 105 x 75 (mm)
                       (w x h x d)
Weight: 1.39 kg

SUBWOOFER
Impedance: 6 Ω
Speaker drivers: 165mm (6.5") woofer
Frequency response: 40 Hz – 150 Hz
Dimensions: 163 x 363 x 369 (mm)
                       (w x h x d)
Weight: 5.08 kg

Specifications subject to change without prior
notice.

Glossary

Analogue audio: Sound that has not been turned into numbers. Analogue sound is available if you use the AUDIO LEFT/RIGHT. These red and white sockets send audio through two channels, the left and right.

Aspect ratio: Aspect ratio refers to the length to height ratio of TV screens. The ratio of a standard TV is 4:3, while the ratio of a high-definition or wide TV is 16:9. The letter box allows you to enjoy a picture with a wider perspective on a standard 4:3 screen.

AUDIO IN sockets: Red and white sockets on the back of the unit that receive audio from 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.

Composite video (CVBS): A single video signal commonly used in most consumer video products.

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

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

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

Dolby Surround Pro Logic II: It is an improved matrix decoding technology that provides better spatiality and directionality on Dolby Surround programme material, provides a convincing three dimensional sound field on conventional stereo music recordings and is ideally suited to bring the surround experience to automotive sound. While conventional surround programming is fully compatible 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 is also compatible with conventional Pro Logic decoders).

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

HDMI: High-Definition Multimedia Interface (HDMI) is a high-speed digital interface that can transmit uncompressed high definition video and digital multichannel audio. It delivers perfect picture and sound quality, completely free from noise. HDMI is fully backward-compatible with DVI.
As required by the HDMI standard, connecting to HDMI or DVI products without HDCP (High-bandwidth Digital Content Protection) will result in no Video or Audio output.

EasyLink: Philips EasyLink uses the HDMI CEC industry standard protocol to share functionalities between the unit and its connected devices. This feature is only available if you connect this unit to a HDMI CEC compliant TV with a HDMI cable.

HDCP (High-bandwidth Digital Content Protection) is a specification that provides a secure transmission of digital contents between different devices (to prevent unauthorised copyright).

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. Files are recognised by their file extension 'JPG or JPEG'.

MP3: A file format with a sound data compression system. 'MP3' is the abbreviation of Motion Picture Experts Group 1 (or MPEG-1) Audio Layer3. By using the MP3 format, one CD-R or CD-RW can contain about 10 times more data than a regular CD.

MPEG: Motion Picture Experts Group. A collection of compression systems for digital audio and video.

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

PBC: Playback Control. A system of navigating a Video CD/Super VCD through on-screen menus recorded onto the disc. You can enjoy interactive playback and searching.

Progressive Scan: The progressive scan displays twice the number of frames per second than in an ordinary TV system. It offers higher picture resolution and quality.

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 at 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 colour. You can use S-Video only if your TV has an S-Video In socket.

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.

WMA: Windows Media™ Audio. Refers to an audio compression technology developed by Microsoft Corporation. WMA data can be encoded by using Windows Media Player version 9 or Windows Media Player for Windows XP. Files are recognised by their file extension 'WMA'.