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DVD System Menu Options

Radio Tuning

Other Information

General Information

CAUTION!
The machine does not contain any user-serviceable parts. Please leave all maintenance work to qualified personnel.

Setup precautions

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 unit 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") clearance from the rear and the top of the set and 5 cm (2") from the left and right to prevent overheating.

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).

Accessories supplied

– 1 DVD system
– 1 AV subwoofer
– 1 AV wireless receiver box
– 2 center speakers
– 2 front speakers + stands
– 2 rear speakers + stands
– 3 x 1 pair of screws for wall mount
– 3 x 1 pair of brackets for wall mount
– 1 remote control with batteries
– 1 VGA cable (for connecting between the AV subwoofer and Junction Box).
– 4 x speaker cables
– 2 x power cable
– 1 x micro fiber cleaning cloth (for DVD system)
– Quick Start Guide

Cleaning discs

Some problems occur (frozen picture, sound disruptions, picture distortions) because the disc inside the unit is dirty. To avoid these problems, discs should be cleaned on a regular basis.

To clean a disc, use a micro fiber 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.

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 center. Please observe the local regulations regarding disposal of packaging materials, exhausted batteries and an old equipment.

Front View → ← Side View →

Touch screen controls

① ►ll ■ I◄◄ ►►I SOURCE − ⟋⟍ + ▲

① ② ③ ④ ⑤ ⑥ ⑦ ⑧
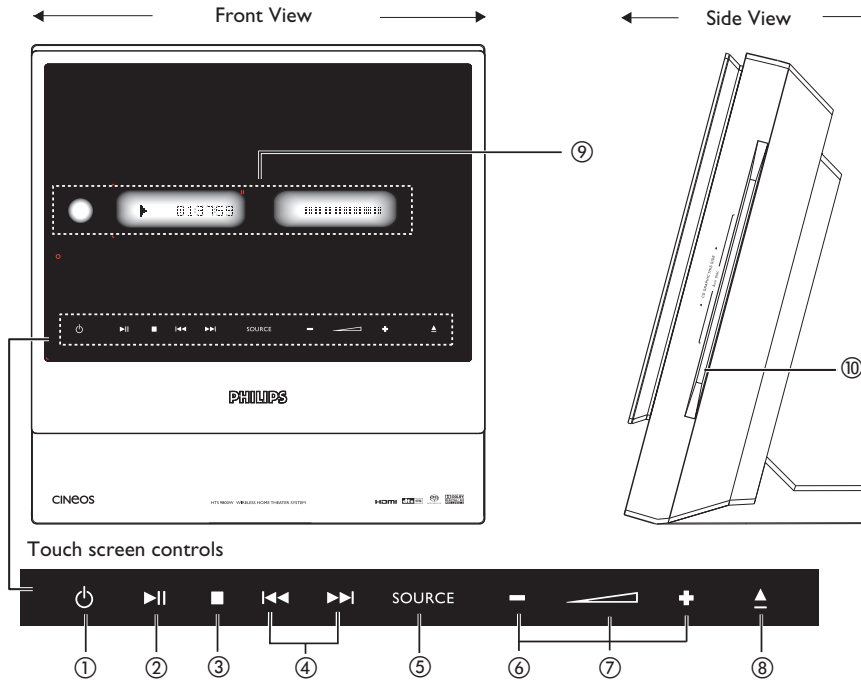
① ⏻ STANDBY ON
– Switches to standby mode, or switches on the system.

② ►II PLAY PAUSE
– DISC: starts/pauses playback.
– TUNER: starts preset radio station installation in Plug and Play mode.

③ ■ STOP
– Exits an operation.
– DISC: stops playback.
– TUNER: press and hold this button to erase the current preset radio station.

④ I◄◄ / ►►I
– DISC: selects a track or press and hold this button to search backward/forward.
– TUNER: tunes the radio frequency up/down.

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

⑥ + − VOLUME
– Adjusts the volume level.

⑦ Volume Indicator ⟋⟍

⑧ ▲ EJECT
– Opens/ closes the disc tray.

⑨ System display panel

⑩ Disc Slot

Remote control
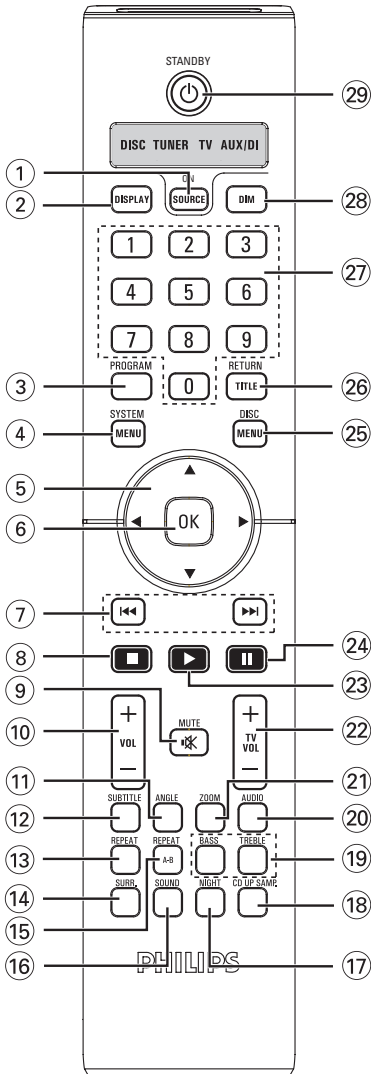
① **SOURCE**
– Selects the relevant active source mode: DISC, FM TUNER, TV or AUX/DI.

② **DISPLAY**
– Displays the current status or disc information.

③ **PROGRAM**
– TUNER: press and hold to start automatic/manual preset programming.

④ **SYSTEM MENU**
– Enters or exits the system menu.

⑤ ◀ ▶ ▲ ▼
– Selects movement direction in the menu.
– TUNER: press ◀ or ▶ to select a preset radio station.
– TUNER: press ▲ or ▼ to select auto tuning.

⑥ **OK**
– Confirms a selection.

⑦ ◀◀ / ▶▶
– DISC: press and hold to search backward/forward or to select a track.
– TV: selects previous/next channel (Philips TV only).
– TUNER: tunes the radio frequency up/down.

⑧ ■
– Exits an operation.
– DISC: stops playback or press and hold to eject a disc.
– TUNER: press and hold to erase a preset radio station.

⑨ **MUTE** ⋈
– Mutes or restores the volume.

⑩ **VOL** + −
– Adjusts the volume level.

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⑪ **ANGLE**
– Selects a DVD disc camera angle (if available).

⑫ **SUBTITLE**
– Selects a subtitle language.

⑬ **REPEAT**
– Selects various repeat modes.

⑭ **SURR.**
– DISC: selects multi-channel surround or stereo mode.
– TUNER: selects stereo or mono signal.

⑮ **REPEAT A-B**
– Repeats a specific section on a disc.

⑯ **SOUND**
– Selects a sound effect.
– Press and hold to select another transmission channel for the rear wireless speakers.

⑰ **NIGHT (in DVD mode only)**
– Optimizes the dynamics of the sound output.

⑱ **CD UP SAMP.**
– Converts music CD to a higher sampling rate for better sound quality.

⑲ **BASS/TREBLE**
– Selects BASS (low tone) or TREBLE (high tone) sound mode and use the VOLUME control to change the tone level.

⑳ **AUDIO**
– Selects an audio language (DVD) or an audio channel (CD).

㉑ **ZOOM**
– Enlarges a picture on the TV screen.

㉒ **TV VOL ＋ －**
– Adjusts TV volume (Philips TV only).

㉓ PLAY ▶
– DISC: starts playback.

㉔ ❚❚
– DISC: pauses playback.

㉕ **DISC MENU**
– Enters or exits disc contents menu.
– For VCD version 2.0 only;
  In stop mode, turns on/off playback control (PBC) mode.
  During playback, returns to main menu.

㉖ **RETURN/ TITLE**
– To go back to previous menu.
– Displays the disc's Title menu (if available).

㉗ **Numeric Keypad (0-9)**
– Enters a track/title number of the disc.
– Enters a number of a preset radio station.

㉘ **DIM**
– Selects different levels of brightness for display panel.
– Press and hold to set the sleep timer function.

㉙ **STANDBY** ⏻
– Switches to standby mode, or switches on the system.

Remote control (continued)

Using the remote control
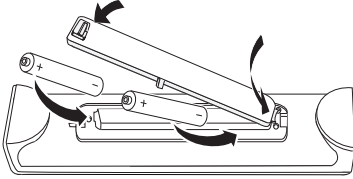
➊ Open the battery compartment.

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

➌ Close the cover.
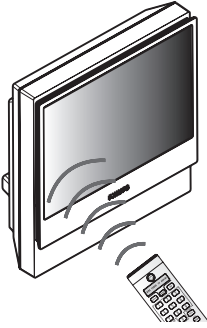
➍ Point the remote control directly at the remote sensor (IR) on the front panel of the DVD system.

➎ Select the source you want to control by pressing the **SOURCE** button on the remote control.

➏ Select the desired function (for example I◀◀ , ▶▶I).

CAUTION!
– Remove batteries if they are exhausted or if the remote control is not to be used for a long time.
– Do not mix batteries (old and new or carbon and alkaline, etc)..
– Batteries contain chemical substances, so they should be disposed of properly.

Step 1: Assemble the speakers

Both the coloured stickers must match

Base view of the speaker stand
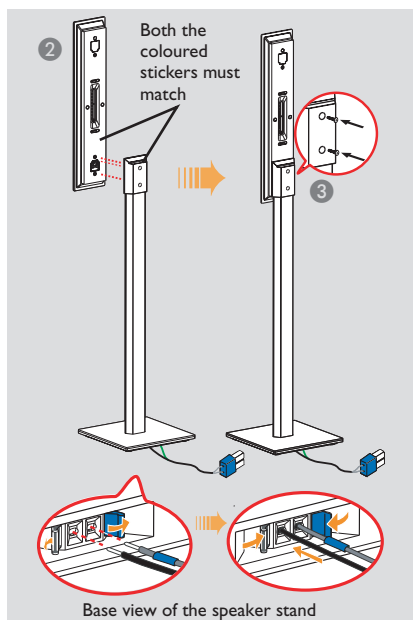
1 Connect the speaker stand with the supplied speaker wire. Match the color of the speaker wire to the color of the jack on the base of the speaker stand.
➔ Hold down the jack tab while inserting the stripped portion of the speaker wire into the tab. Then, release the jack tab to lock the wire into position.

2 Match the colored stickers on the rear of the speaker and the inside of the speaker stand. Position the speakers as shown and ensure the connectors fit. See the above illustration.

3 Secure the speaker stand with the supplied screws.

Helpful Hint:
– When you insert the speaker wire, make sure none of the rubber-coated wire is clamped by the jack tab.

Step 2: Positioning for best effect

The Philips HTS9800W Home Theater System is simple to install. Proper system placement is critical to ensure an optimum sound experience.

● The placement diagrams shown here are only guidelines that provide great system performance, you may find other placement choices that are more suitable for your room layout and provide the sound experience you enjoy.

Placing the speakers

When placing the speakers, ensure that:

– The center speakers (FRONT CENTER, REAR CENTER) should be placed at the same height and at the normal listening ear level for the best sound performance.

– The front speakers should be placed at an equal distance from the TV, the FRONT RIGHT on the right hand side and FRONT LEFT on the left hand side (as shown below).

– The rear speakers should be placed at equal distances from the REAR CENTER speaker; the REAR RIGHT on the right hand side and REAR LEFT on the left hand side (as shown below).
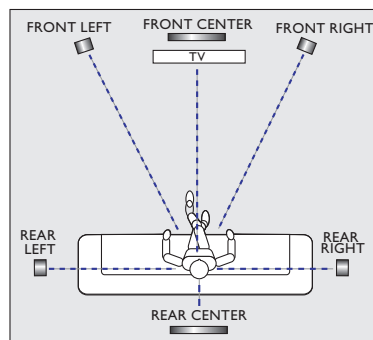
Basic Connections (continued)

Placing the subwoofer

For optimum performance, place the AV subwoofer in the corner of the room. Keep it at least one meter away from the TV. Adjust its position until a harmonious sound is achieved between the subwoofer and speakers
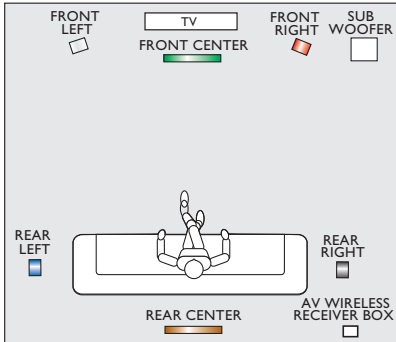
Placing the DVD system

Ensure ample space is available on the right hand side for ease of disc handling.

Front View   Side View
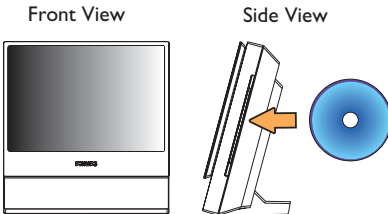
Placing the Junction Box

You may place the Junction box behind the TV/ shelf/ table to hide away the cable connections.

For fixing purposes, attach one side of the supplied velcro strip on the junction box and another at the place you wish to fix the Junction box.
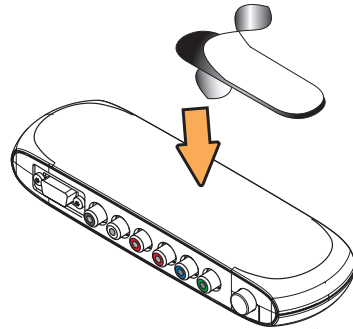
Placing the AV wireless receiver box

You may place the AV wireless receiver box at the back of the room and at a convenient distance so that you can connect the REAR CENTER, REAR LEFT and REAR RIGHT speakers to the box.

– Ensure the AV wireless receiver box is placed near to the AC outlet where the AC power plug can be reached easily.

– Ensure the front of the AV wireless receiver box (with Philips logo) faces towards the DVD system.

– For optimal wireless performance, ensure that the AV wireless receiver box is not placed in an enclosed area.

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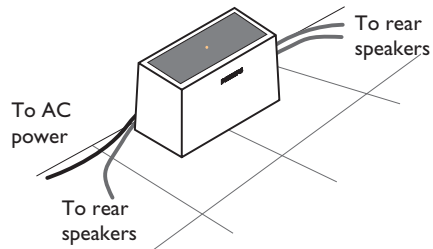
Step 3: Connecting the DVD system, AV subwoofer and front speakers

Before you start...
If you wish to mount the DVD system on the wall, see section "Optional Connections" before making any connections.

DVD system

To change the power cord, remove the DVD system cover.

To AC power outlet

Extend the FM pigtail antenna and place its end where the reception is best received.

AV subwoofer

Junction box

To AC power outlet

TV

SPEAKERS

CENTER   RIGHT   LEFT

FRONT CENTER

Front speakers

COMPONENT VIDEO IN   Pr/Cr   Pb/Cb   Y

OUT   IN

VIDEO

AUDIO

S-VIDEO IN

Example of TV's back panel

Connect your speaker to the supplied speaker stand, see "Step 1: Assemble the speakers".

FRONT RIGHT

FRONT LEFT

TV

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Basic Connections (continued)

REAR CENTER

AV wireless receiver box

Base view of AV wireless receiver box

○ SPEAKERS

RIGHT CENTER LEFT

REAR RIGHT

REAR LEFT

Step 4 : Connecting the wireless rear speakers

The rear speakers (REAR LEFT/ REAR RIGHT/ REAR CENTER) are to be connected to the AV wireless receiver box which receives signals from the DVD system.

Before you start...
If you wish to mount the speakers on the wall, see section "Optional Connections" before making any connections.

❶ Connect the stripped wire portion of the supplied speaker wire to the tab on the base of each speaker stand. See "Step 1: Assemble the speakers".

❷ Connect the colored speaker plug from each speaker to the matching speaker jack on the base of the AV wireless receiver box. For convenience, each speaker jack has been color-coded: REAR RIGHT (grey), REAR CENTER (brown) and REAR LEFT (blue).

Helpful Hint:
– To prevent unwanted noise, do not place the rear speakers too close to the DVD system, AC power adapter, TV or any other radiation sources.
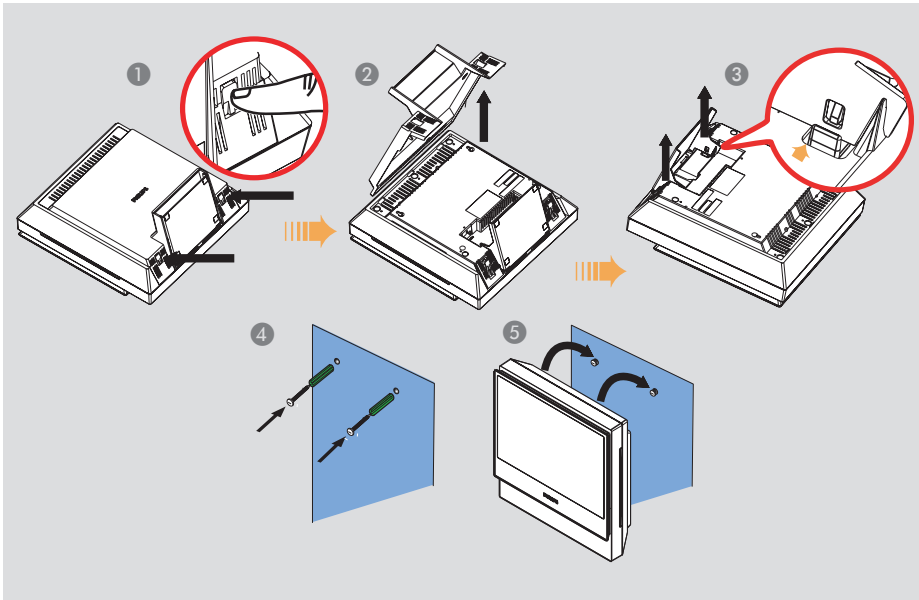
Mounting the DVD system on the wall

You can choose to wall mount the DVD system on the wall. Select a position where nothing obstructs the disc slot on its right hand side.

CAUTION!
You should get a qualified person to drill and insert the mounting screws (not supplied) on the wall. DO NOT do it yourself in order to avoid any unexpected damage to the equipment or injury to personnel.

Helpful Hint:
– Philips accepts absolutely no liability for any accidents or damage resulting from inadequate assembly or mounting, misuse or abuse, or natural disasters.

A Position the DVD system face down on a non-scratch surface. Ensure the base of the system is facing you. Press the catch located on each side to release the back cover of the system.

B Lift the back cover upwards and remove it from the DVD system.

C Press the catch located on each inner side of the stand to remove the base of the DVD system.

D Drill holes, then insert the rubber wall plugs and screws (not supplied) into the wall.

E Hook the DVD system firmly onto the screws, by ensuring that they fit into the hanging brackets on the back of the DVD system to lock it into position.

Optional Connections (continued)

Preparing the center speakers

Preparing the front and rear speakers
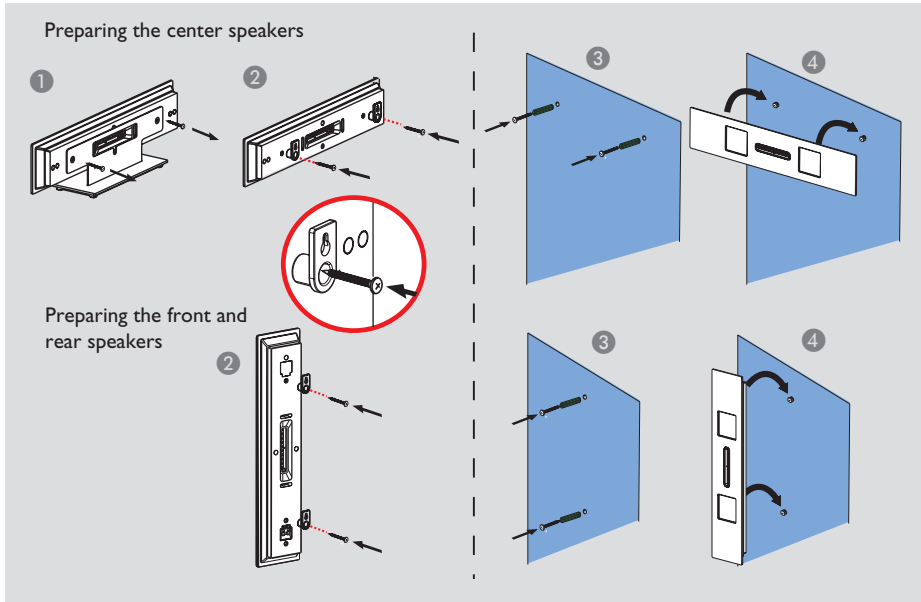
Mounting the speakers on the wall

You can choose to wall mount the speakers on the wall.

CAUTION!
You should get a qualified person to drill and insert the mounting screws (not supplied) on the wall. DO NOT do it yourself in order to avoid any unexpected damage to the equipment or injury to personnel.

Helpful Hint:
– Philips accepts absolutely no liability for any accidents or damage resulting from inadequate assembly or mounting, misuse or abuse, or natural disasters.

❶ This step is required for the center speaker only. To remove the center speaker stand, loosen and remove the scews at the rear of the speakers. See the above illustrations.

❷ Use the supplied screws to attach the supplied bracket firmly to the rear of the speakers.

❸ Drill holes on the wall where the speaker is to be hung. Mount the rubber wall plugs and screws (not supplied) into the wall.

❹ Hook the speaker firmly onto the screws, by ensuring that they fit into the brackets at the rear of the speaker.

Optional Connections (continued)

Example of TV's back panel

Example of HDMI TV's back panel

HDMI OUT jack located beneath the cover of the DVD system
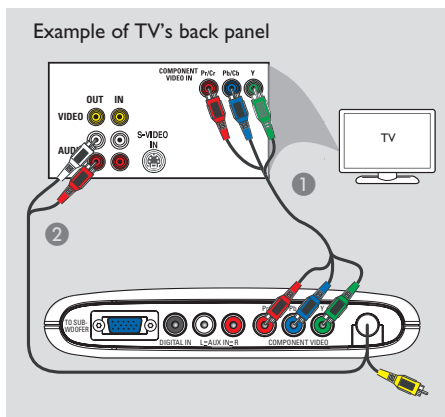
Connecting to a Progressive Scan TV

IMPORTANT!
– The progressive scan video quality is only possible when a progressive scan TV is connected to the Y Pb Pr jacks.
– DO NOT connect both the HDMI and Y Pb Pr to a TV, it may affect the picture quality.

A Use the component video cables (red/blue/green - not supplied) to connect the Junction Box'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.

● Do not connect the video jack from the Junction Box to your TV.

B To listen to the TV channels through this DVD system, use an audio cable (white/red - not supplied) to connect the **AUX IN** jacks to the corresponding AUDIO OUT jacks on the TV.

C Proceed to pages 25~26 for detailed Progressive Scan set up.
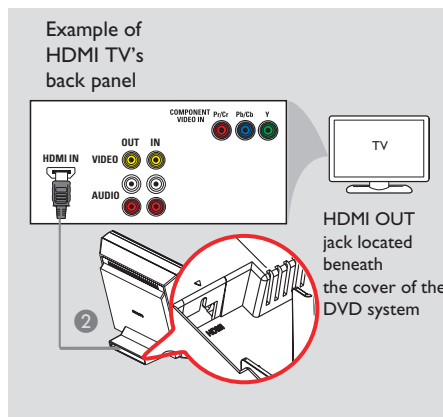
Connecting to a HDMI compatible device

HDMI connects uncompressed and unprocessed digital transmission for the highest and best defined sound/image quality. Its plug and play capability requires only one cable for both audio/video output.

A Open the DVD system's back cover by releasing the two catches located at the base of the system.

B Use a HDMI cable (not supplied) to connect the **HDMI** OUT jack (on the back of the DVD system) to the HDMI IN jack on a HDMI compatible device (eg.; HDMI TV, HDCP compliant TV).

C Once you have completed the necessary connections, installation and set-up, see pages 39 and 42 for optimum HDMI audio and video settings

Helpful Hints:
– HDMI is backward compatible with some DVI devices using an appropriate adaptor plug.
– Most of the older DVI-enabled devices are not HDCP compliant and playback is not possible.

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Optional Connections (continued)
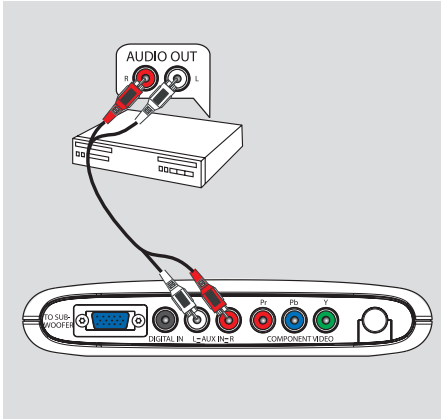
Connecting to an analog audio/ video device

You can connect an analog audio/video device (e.g. VCR, Cable/Satellite Box, TV or cassette recorder) to the Junction Box in order to enjoy the Home Theater Audio System's surround sound capabilities.

● Use an audio cable (red/white - not supplied) to connect the **AUX IN** (R/L) jacks on the Junction Box to the AUDIO OUT jacks on an analogue audio/video device.

To listen to the sound, press **SOURCE** repeatedly to select "AUX" as the source to play.

Helpful Hints:
– Recording from this DVD system to your VCR is not possible.
– To see the picture of the connected video device (e.g. VCR), connect the VIDEO OUT jack of the device to the VIDEO IN jack of the TV, and select the correct input channel on the TV.
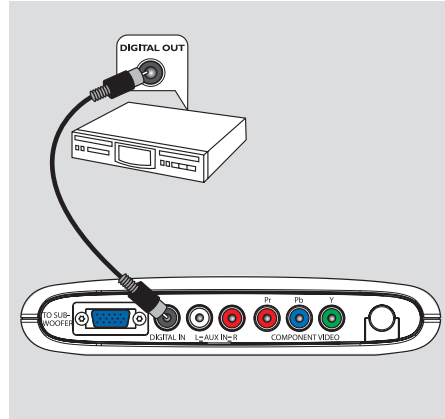
Connecting to a digital audio device

You can connect a digital audio device (e.g. CD recorder) to the Junction Box in order to enjoy the Home Theater Audio System's surround sound capabilities.

● Use a coaxial cable (not supplied). Connect the **DIGITAL IN** jack on the Junction Box to the DIGITAL OUT jack on a digital audio device.

To listen to the sound, press **SOURCE** repeatedly to select "DI" as the source to play.

Helpful Hints:
– You cannot hear or record the SACD or MP3-CD playback if you use the digital connection.
– For your playback through DIGITAL IN connection, set the digital output of that player to PCM format.
– Always refer to the user manual of the other equipment for complete connection and usage details.
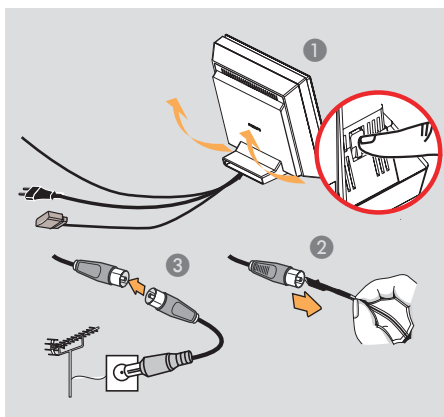
Connecting to an outdoor FM antenna terminal

If the FM reception is poor, you can use a FM coaxial cable (not supplied) to connect the FM 75Ω coaxial cable (hidden inside the back cover) directly to the outdoor FM antenna terminal.

A Open the DVD system's back cover by releasing the two catches located at the base of the system.

B Unplug the FM pigtail antenna from the FM 75Ω coaxial cable.

C Connect the FM 75Ω coaxial cable to one end of the FM coaxial cable which is connected to the outdoor FM antenna terminal.

Helpful Hint:
– Position the antennas as far away as possible from your TV, VCR or other radiation source to prevent any unwanted interference.

Getting Started

Step 1: Turning on the DVD system

● Press the **SOURCE** button on the DVD system repeatedly to select :
    DISC → TUNER FM → TV → AUX
    → DI → DISC ....

Turning off to standby mode

● Press **STANDBY** ⏻ on the remote control.
    ➜ The message "Standby" will be shown on the display screen, and slowly fade away.

Step 2: Finding the correct viewing channel

Before you start...
Make sure you have completed all the necessary connections before proceeding.

A Press the **SOURCE** button on the remote control repeatedly until "DISC" appears on the display panel.

B Turn on the TV and set it to the correct video-in channel. You should see the blue DVD background screen on the TV.
    ➜ You may go to Channel 1 on your TV, then press the Channel Down button on your TV's 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. See your TV manual for more details.

TIPS: Press ◄ to return to the previous menu item.
         Press **SYSTEM MENU** to exit the menu.

Step 3: 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 DVD system will remain as you have set it, regardless of the changes made to the DVD disc language.

1 In 'DISC' mode, press **SYSTEM MENU** on the remote control.
➔ { **General Setup Page** } appears.

2 Use ▲▼ keys to highlight { **OSD Language** }, then press ▶.

⚒	🔊	📺	✂	⊡
General Setup Page				
Disc Lock				
OSD Language	**English**			
Screen Saver	**Espanõl**			
DivX(R) VOD Code	**Français**			
	Português			

3 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, the DVD system will automatically play the disc in that language. Otherwise, the disc's default language will be used instead.

1 Press ■ twice to stop playback (if any), then press **SYSTEM MENU**.

2 Press ▶ repeatedly to select { **Preference Page** }.

3 Use ▲▼ keys to highlight one of the options below, then press ▶.

⚒	🔊	📺	✂	⊡
Preference Page				
Audio	**English**			
Subtitle	**Espanõl**			
Disc Menu	**Français**			
Parental	**Português**			
PBC	**Suomi**			
MP3/JPEG Nav				
Password				
DivX Subtitle				
Default				
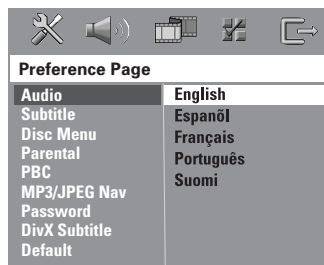
{ **Audio** }
Selects the preferred audio language for DVD playback.

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

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

TIPS: Press ◀ to return to the previous menu item.
Press **SYSTEM MENU** to exit the menu.

Getting Started (continued)

④ Use ▲▼ keys 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 control to enter the 4-digit language code 'XXXX' (see page 156) and press **OK** to confirm.

⑤ Repeat steps ③ ~ ④ for other settings.

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

Step 4: Setting the TV

Selecting the matching color system

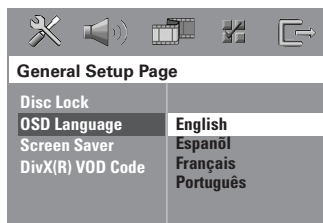The color system of the DVD system, DVD and TV should match. Only then will it be possible to play a DVD on this system. Before changing the TV system, determine the color system of your TV.

① In 'DISC' mode, press **SYSTEM MENU** on the remote control.

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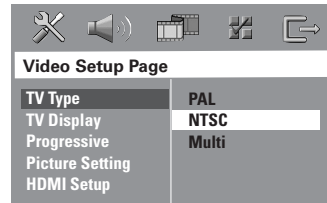
{ **PAL** }
Select this if the connected TV has the PAL color system. It will change the video signal of an NTSC disc and output it to PAL format.

{ **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.

④ Select one of the options 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: Press ◀ to return to the previous menu item.
Press **SYSTEM MENU** to exit the menu.

Setting the TV Display

Set the aspect ratio of the DVD system according to the TV type 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 **SYSTEM MENU** on the remote control.

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 Wide Screen
HDMI Setup	

{ **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.
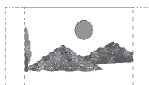
{ **4:3 Letter Box** }
Select this if you have a conventional TV. In this case, a wide picture with black bands on the upper and lower portions of the TV screen will be displayed.

{ **16:9 Wide Screen** }
Select this if you have a wide-screen TV.
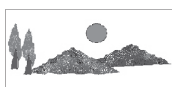
4 Select one of the options and press **OK** to confirm.

Setting up Progressive Scan feature (for Progressive Scan TV only)

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

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 Junction Box to your TV using Y Pb Pr (see page 19).

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

2 Press the **SOURCE** button until "DISC" appears on the display panel.

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

4 Press **SYSTEM MENU** on the remote control.

5 Press ▶ to select { **Video Setup Page** }.

6 Select { **Progressive** } > { **On** }, then press **OK** to confirm.
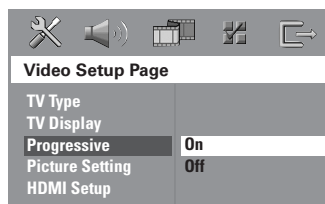
Video Setup Page	
TV Type	
TV Display	
Progressive	On
Picture Setting	Off
HDMI Setup	

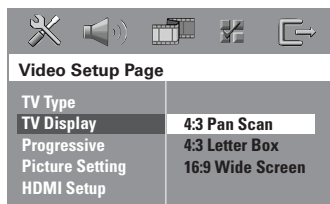**TIPS:** Press ◀ to return to the previous menu item.
Press **SYSTEM MENU** to exit the menu.

Getting Started (continued)

⑦ The menu below 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 |
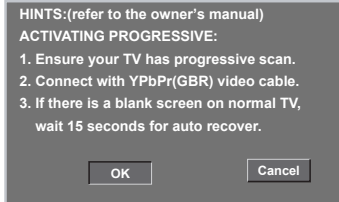
⑧ Press ◄ to highlight { **OK** } in the menu and press **OK** to confirm.

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

⑨ Turn on your TV's 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 |
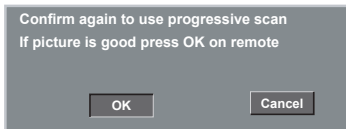
⑩ Press ◄ to highlight { **OK** } in the menu and press **OK** to confirm.
   → The set up is complete now and you can start to enjoy the high quality picture.

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

① Deactivate the Progressive Scan feature by pressing the ▲ (EJECT) on the front panel.

② Press ► on the remote control.

③ Press **SUBTITLE** 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 under the progressive scan mode. In such a case, turn off the progressive scan feature on both the DVD system and your TV set.

TIPS: Press ◄ to return to the previous menu item.
       Press **SYSTEM MENU** to exit the menu.

Step 5: Setting the speakers' channels

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

Before you start...
– Press the SURR. button on the remote control to select multi-channel surround mode before adjusting the speaker settings.
– In case of sound distortion, press and hold the SOUND button to select another transmission channel for the wireless rear speakers.

1 Press ■ to stop playback, then press **SYSTEM MENU**.

2 Press ▶ repeatedly to select { **Audio Setup Page** }.

3 Use ▲▼ keys to highlight { **Speaker Setup Page** }, then press ▶.

Audio Setup Page

Analog Output
HDMI Audio
Speaker Setup
CD Upsampling
Night Mode
Lip Sync

Speaker Setup Page

Speakers Volume
Speakers Delay
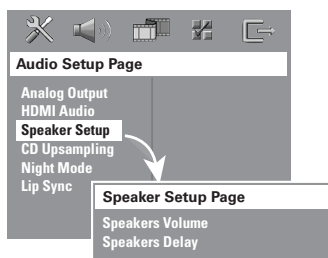
4 Enter its submenu by pressing ▶.

5 Use ▲▼ keys to highlight one of the options below at a time, then press ▶.

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

Speakers Volume Setup

Front Left	0dB
Front Right	0dB
Center	0dB
Subwoofer	0dB
Rear Left	0dB
Rear Right	0dB
Rear Center	0dB
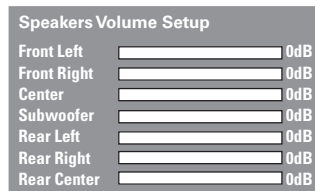
{ **Speakers Delay** }
– Delay times setting in relation to the listening position/ distance for center and surround speakers.

Speakers Delay Setup

Center	0ms
Rear Left	0ms
Rear Right	0ms
Rear Center	0ms
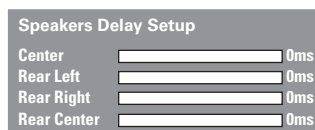
Note: 1 ms increase/decrease of delay time is equivalent to 30 cm change in distance. Use the longer delay time settings when the rear speakers are closer to the listener than the front speakers.

6 Use ◀ ▶ keys to adjust to the setting that best suit your surround sound needs.

7 Press **OK** to confirm.

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

TIPS: Press ◀ to return to the previous menu item.
Press **SYSTEM MENU** to exit the menu.

Disc operations

Playable discs

Your DVD home theater system will play:
– Digital Versatile Discs (DVDs)
– Video CDs (VCDs)
– Super Video CDs (SVCDs)
– Super Audio CDs (SACDs)
– Finalized DVD Recordable (DVD±R),
  DVD Rewritable (DVD±RW)
– Audio Compact Discs (CDs)
  on CD-R(W).
– MP3/ Windows Media™ Audio discs,
  picture (Kodak, JPEG) files on
  CD-R(W).
  – JPEG/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
– MPEG-4 files on CD-R(W):
  – Simple profile
  – Advanced simple profile (640-480)
– DivX files on CD-R(W)/DVD+R(W):
  – DivX 3.11, 4.x, 5.x and 6.x
  – Supports QPEL (Quarter Pixel).
– XviD files on CD-R(W)/DVD+R(W)

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 your player. The regional code for this DVD system is indicated at the rear panel.

IMPORTANT!
– If the inhibit icon (ø 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.
– Do not put any objects other than discs on the disc tray. Doing so may cause the disc player to malfunction.

Helpful Hints:
– It may not be possible to play a CD-R/RW or DVD-R/-RW disc 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.

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

Playing a disc

1 Press the **SOURCE** button until "DISC" appears on the display panel.

2 Turn on the TV power and set to the correct Video In channel. (See section "Finding the correct viewing channel").
➜ You should see the blue DVD background screen on the TV.

3 Insert a disc into the disc slot.
➜ Make sure the disc label is facing out. For double-sided discs, load the side you want to play facing out.
➜ When loading an 8cm disc, slot it into the middle of the disc loader.
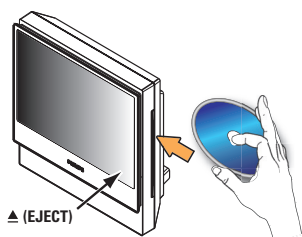
▲ (EJECT)

4 Playback will start automatically.
➜ If a disc menu shows on the TV, see page 30 "Using the Disc Menu".
➜ If the disc is locked by parental control, you must enter your six-digit password (see page 44).

5 To remove the disc, press ▲ (EJECT) or press and hold the ■ button on the remote control.

Basic playback controls

Pausing playback
● During playback, press ►II (PLAY PAUSE) or II on the remote control.
➜ To resume playback, press ►II again (or PLAY ► on the remote control).

Selecting another track/chapter
● Press I◄◄ / ►►I (PREV / NEXT) 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 and hold I◄◄ / ►►I (PREV / NEXT).
➜ While searching, press I◄◄ / ►►I repeatedly to decrease/increase the search speed.
➜ To resume normal playback, press ►II (or PLAY ► on the remote control).

Stopping playback
● Press ■ (STOP).

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)

Selecting various repeat/ shuffle functions

● While playing a disc, press **REPEAT** on the remote control repeatedly to choose a repeat 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/SACD/DivX/Windows Media™ Audio
→ 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 when the PBC mode is turned on.

Other playback features for video discs (DVD/VCD/SVCD)
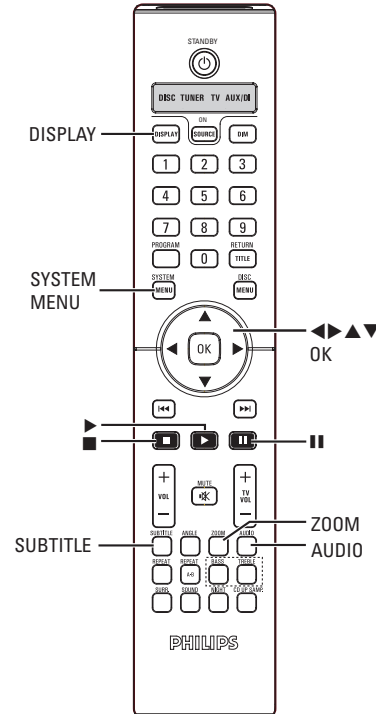
Using the Disc Menu

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

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

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

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

Viewing playback information

The DVD system can display the disc playback information (for example, title or chapter number, elapsed playing time, audio/subtitle language) and a number of operations can be done without interrupting disc playback.

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

DVD

Menu	▸	
Title	02/02	
Chapter	02/14	
Audio	5.1CH	
Subtitle	**Off**	▽
Bitrate ‖‖‖‖‖‖‖‖		Title Elapsed 0:29:17

VCD/SVCD

Menu	▸	
Track	01/02	
Disc Time	0:49:17	
Track Time	0:03:43	
Repeat	Off	▽
Time Disp.	Total Elapsed	
Bitrate ‖‖‖‖‖‖‖‖		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, then press **OK** to confirm.
➜ Playback will change according to the chosen time or to the selected title/chapter/track.

Resuming playback from the last stopped point

This DVD system is able to resume disc playback from its last stopped point (only possible for the last 10 discs that were recorded without a menu).

A Load one of the last 10 discs played.

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

To cancel the resume mode
C Press ■ (STOP) twice.

Zooming in

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

A During playback, press **ZOOM** on the remote control repeatedly to select a different zoom factor.
➜ Use ◀▶▲▼ keys to move through the zoomed image.
➜ Playback will continue.

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

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)

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.

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, MONO LEFT, MONO RIGHT or MIX MONO).

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.

● Press **ANGLE** repeatedly to select the available camera angles.

Playback Control (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 43).

For VCDs with Playback Control (PBC) feature (version 2.0 only)
● When playback 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 ▲▼ keys 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 playback directly from the beginning.

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/Windows Media™ Audio disc

This DVD system can playback most of the MP3, JPEG, MPEG-4 and Windows Media™ Audio files recorded on a CD-R/RW disc or commercial CD.

Before you start...
You have to turn on your TV to the correct Video In channel. (See the section "Finding the correct viewing channel").

1 Insert 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.

▶ 00:19 04:39 001/003	
📁 \MP3_files_128kbs	
📁 Previous	
🎴 Picture 1	
🎴 Picture 2	
🎵 MP3 Music 1	
🎵 MP3 Music 2	
🎴 050 🎵 003 📹 000	

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 track/file and press **OK** to start playback.
➔ Playback will start from the selected file and continue till the end of the folder.

During playback, you can;
● Press |◀◀ / ▶▶| to select another track/ file in the current folder.

● Press and hold |◀◀ / ▶▶| to fast reverse/forward search for a music track.

● To select another folder from the current disc, press ▲ to return to the root menu, then use ▲▼ keys to make your selection and press **OK** to confirm.

● Press **REPEAT** repeatedly to access various play modes.

4 To pause playback, press **Ⅱ** on the remote control. To resume playback, press the PLAY ▶ button.

5 To stop playback, press ■ .

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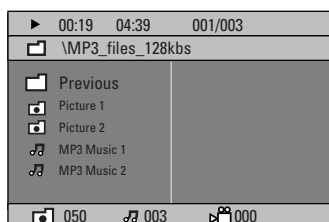
Disc operations (continued)

Playing a JPEG image file (slide show)

Before you start...
You have to turn on your TV to the correct Video In channel. See the section on "Finding the correct viewing channel".

● Insert 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. Press PLAY ▶ (or ▶II) to start the slide-show playback.

Preview function

❶ During playback, press ■.
➔ 12 thumbnail pictures will be displayed on the TV.

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.

Zoom picture

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

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

Rotating/flipping the picture

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

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

Supported 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 player due to the configuration and characteristics of the disc, or due to the condition of recording and authoring software that was used.

Playing MP3 music and JPEG picture simultaneously

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

1 Insert an MP3 disc that contains music and pictures.

2 Select an MP3 track in the menu and press PLAY ▶ (or ▶II) to start playback.

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

4 To stop simultaneous playback, press **DISC MENU** and followed by ■ .

Helpful Hints:
– It is normal to experience an occasional "skip" while listening to your MP3 disc.
– It is normal to experience an occasional pixelation during MPEG-4/DivX playback due to poor clarity of digital contents during internet downloading.
– Only the first session of a multi-session CD will be played back.

Playing a Super Audio CD (SACD)

There are three types of SACD discs : single layer, double layer or hybrid discs. The hybrid disc contains both Super Audio CD and standard audio CD layers, only the SACD layer can be played back on this DVD system.

1 Insert a SACD.
➔ The disc menu appears on the TV.

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

Helpful Hint
– It is not possible to program SACD tracks.

TIPS: Some discs cannot be played on this player 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 DivX® disc

This DVD system supports the playback of DivX® movies which you can copy from your computer onto a CD-R/RW, DVD±R/±RW disc.

A Insert a DivX® disc.

B If the DivX® movie contains external subtitles, the subtitle menu will appear on the TV for your selection.

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

C To start playback, press PLAY ▶ on the remote control.

● 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 a maximum of 35 characters.

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

DVD System Menu Options

Accessing the DVD setup menu

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

1 In 'DISC' mode, press **SYSTEM MENU**.
→ The system setup menu appears.

2 Use ◀ ▶ keys to select one of the setup menu pages and press **OK**.

● If you are not able to access the { **Preference Page** }, press **SYSTEM MENU** to exit the menu. Press ■ (STOP) twice before you press the **SYSTEM MENU** button again.

3 Use ▲▼ keys to select a setup option and press ▶ to access

4 Select the setting you wish to change and press **OK** to confirm and go back to the previous 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.

5 To exit, press **SYSTEM MENU**.
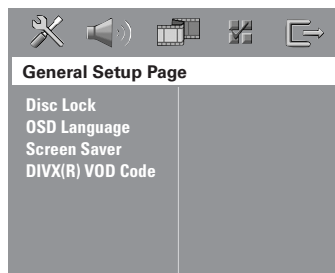
General Setup Page

Disc Lock
OSD Language
Screen Saver
DIVX(R) VOD Code

see page 38

Audio Setup Page

Analog Output
HDMI Audio
Speaker Setup
CD Upsampling
Night Mode
Lip Sync

see page 39

Video Setup Page

TV Type
TV Display
Progressive
Picture Setting
HDMI Setup

see page 40

Preference Page

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

see page 43

37
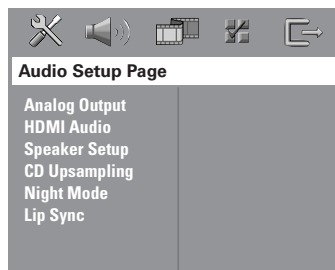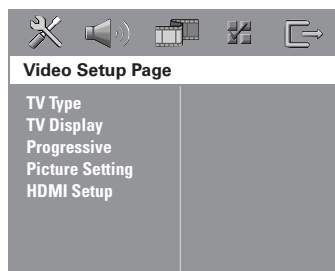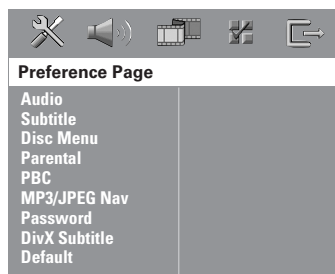
General Setup Page (underlined options are the factory default settings)

Disc Lock	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.

{ **Lock** }   – Selects 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 "Preference Setup Page Settings – Password').

{ **Unlock** }   – All discs can be played.

OSD language	Selects the preferred language for the DVD system on-screen display menu.
Screen Saver	The screen saver will help prevent damage to your TV display device.

{ **On** }   – Turns off the TV to screen saver mode when playback has been stopped or paused for more than 15 minutes.

{ **Off** }   – Disables the screen saver function.

DIVX(R) VOD code	Philips provide you with the DivX® VOD (Video On Demand) registration code that allows you to rent and purchase videos using the DivX® VOD service. Press ▶ to see the registration code and press **OK** to exit.

Use the registration code to purchase or rent the videos from DivX® VOD service at www.divx.com/vod. Follow the instructions and copy the video from your computer onto a CD-R/RW disc for playback on this DVD system.

Note: All the downloaded videos from DivX® VOD can only be played back on this DVD system. For more information, visit us at www.divx.com/vod.

Audio Setup Page (underlined options are the factory default settings)

Analog Output

This feature enables you to set the analog output to match your DVD system's playback capability.

{ **Stereo** } – Selects this to change the channel output to stereo that delivers sound from only the front speakers and subwoofer.

{ **Multi-channel** }–Selects this to enable surround sound output from all speakers (except REAR CENTER) and the subwoofer.

{ **6.1 Multi-channel** }–Selects this to enable surround sound output from all speakers and the subwoofer.

HDMI Audio

For HDMI connections, you are able to select the HDMI audio output selections. The available options will be displayed once you have connected the HDMI device (see page 19).

It may take a while for the DVD system and the input device to communicate and initialize.

{ **Off** } – Selects this to turn off HDMI audio output.

{ **All** } – Selects this if you have connected the DVD system to a multi-channel decoder/receiver.

{ **PCM Only** } – Selects this <u>only</u> if your HDMI TV or receiver is not capable of decoding multi-channel audio.

Speaker Setup

This feature allows you to optimize the sound according to your surroundings and setup.

{ **Speakers Volume** } – Accesses the speakers level setup menu. See "Step 5: Setting the speakers' channels".

{ **Speakers Delay** } – Accesses the speakers distance setup menu. See "Step 5: Setting the speakers' channels".

CD Upsampling

This feature enables 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 feature, the system will automatically switch to stereo mode.

{ **Off** } – Disables CD-upsampling.

{ **88.2 kHz (X2)** } – Selects this to convert the sampling rate of the CDs twice as high as the original rate.

<u>Note:</u> If you press **SURR.** button on the remote control to select multi-channel mode, it will disable the CD upsampling feature.

DVD System Menu Options (continued)

Audio Setup Page (underlined options are the factory default settings)

Night Mode

This mode optimizes playback of sound at low volume. High volume outputs will be softened and low volume outputs are brought upward to an audible level. This feature is only applicable for DVD video discs with Dolby Digital mode.

{ **On** }   – Turns on night mode.

{ **Off** }   – Turns off night mode feature. Selects this to enjoy the surround sound with its full dynamic range.

Lip Sync

This feature allows you to adjust the audio delay times if video playback is slower than the audio output streams, hence resulting in lip-sync.

Access the lip sync setup menu. Use ◀ ▶ keys to set the delay times for the audio output.

Video Setup Page (underlined options are the factory default settings)

TV Type

Selects the color system that matches the connected TV. It will enable playback of different type of disc (PAL or NTSC disc) on this DVD system. This option is not available if a HDMI TV is connected.

{ **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).

DVD System Menu Options (continued)

Video Setup Page (underlined options are the factory default settings)

Progressive

In the progressive scan mode, you can enjoy high quality picture with less flickers. It only works when you have connected the Y Pb Pr jacks on the Junction box to your TV that supports progressive video input. Otherwise, the image may not appear or will be distorted.

{ **Off** } – Turns off progressive scan function.

{ **On** } – Turns on progressive scan function.

Note: If no picture appears, wait for 15 seconds for auto recovery. Otherwise, turn off the progressive scan as below:
1) Press ⏏ EJECT on the DVD system.
2) Press ▶ on the remote control.
3) Press **SUBTITLE** on the remote control.

Picture Setting

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

{ **Standard** } – Original color setting.

{ **Bright** } – Vibrant color setting.

{ **Soft** } – Warm color setting.

{ **Personal** } – Select this to personalize your picture color by adjusting the brightness, contrast, tint and color (saturation).
Use ◀ ▶ keys to adjust to the setting that best suit 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
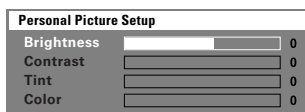
{ **Brightness** }
Increase this value to brighten the picture color or vice versa.

{ **Contrast** }
Increase this value to sharpen the picture color or vice versa.

{ **Tint** }
Increase or decrease this value to change the color phase of the picture.

{ **Color** }
Increase this value to enhance the picture color or vice versa.

DVD System Menu Options (continued)

Video Setup Page (underlined options are the factory default settings)

HDMI Setup	It provides the picture settings to enhance the appearance and picture quality for disc playback.

{ **Wide Screen Format** } – Selects a suitable screen display.
This feature is available only if you have selected { **TV Display – 16:9 Wide Screen** }.

{ **Superwide** }
Select this to display the 4:3 picture disc on the wide-screen TV with non-linear stretching (center position of the screen is stretched less than the side).

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

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

Note: The { Wide Screen Format } feature will be disabled if your HDMI TV has been preset to { 480p } or { 576p } settings .

{ **HDMI Video** }– Select this to further enhance your HDMI video output.

{ **480p** }
Progressive output in 480 lines for NTSC TV. Selecting this will disable the { **Wide Screen Format** } feature.

{ **576p** }
Progressive output in 576 lines for PAL TV. Selecting this will disable the { **Wide Screen Format** } feature.

{ **720p** } - (if a HDMI TV is connected)
Progressive output upscale to 720 lines.

{ **1080i** } - (if a HDMI TV is connected)
Interlaced output upscale to 1080 lines.

{ **Auto** }
The video output will automatically follow the display's supported resolution.

Preference Setup Page (underlined options are the factory default settings)

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. **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

> 1 Kid Safe
> 2 G
> 3 PG
> 4 PG 13
> 5 PGR
> 6 R
> 7 NC 17
> **8 Adult**

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**.
   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**'.

2) Use the **numeric keypad 0-9** on the remote control to enter your six-digit password.
   DVDs that are rated higher than the level you selected will not be played unless you enter the same six-digit password.

Note: 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.

PBC

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

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

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

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**} – Displays all the files contained in the MP3/ picture disc.

{ **With Menu** } – Displays the folder menu of the MP3/Picture disc.

Preference Setup Page (underlined options are the factory default settings)

| Password | The same password is used for both Parental Control and Disc Lock. Enter your six-digit password to play a prohibited disc or when prompted for a password. The default password is '136900'. To change the password: |

Change Password

Old Password
New Password
Confirm PWD

OK

1) Press **OK** to access the change password menu.
2) Use the **numeric keypad 0-9** on the remote control to enter your existing six-digit password at { Old Password }. 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. |

{ **Standard** } – Displays a standard list of Roman subtitle fonts provided by this DVD system.

{ **Others** } – Displays other subtitle fonts.

| Default | This feature enables you to reset all the setup menu options and your personal settings to the factory defaults, except your password for Parental Control and Disc Lock. Press **OK** to confirm the default reset. |

Tuning to radio stations

❶ Press **SOURCE** button until "TUNER FM" appears on the display panel.

❷ Press ▲ / ▼ briefly on the remote control.
➜ 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 fine-tune the reception of a weak station, press ◄◄ / ►►◄ briefly and repeatedly until an optimal reception is found.

● If the FM station reception is weak, press **AUDIO** to switch the FM mode from stereo to mono.

Presetting radio stations

You can store up to 40 FM preset radio stations in the system's memory. There are three different ways to programme the radio stations:

– Using auto install (for first time setup only)
– Using automatic preset
– Using manual preset

Helpful Hints:
– The system will exit presetting mode if no button is pressed within 20 seconds.
– If no valid frequency is detected during tuner installation, "PLEASE CHECK FM ANTENNA" appears.

Using auto install

This feature is only applicable for the first time radio station programming. You will be prompted for installing the radio stations once you access the tuner mode. With one touch of the button, all the available radio stations will be stored automatically.

DVD System's display panel
❶ AUTO INSTALL ....
❷ INSTALL TUNER
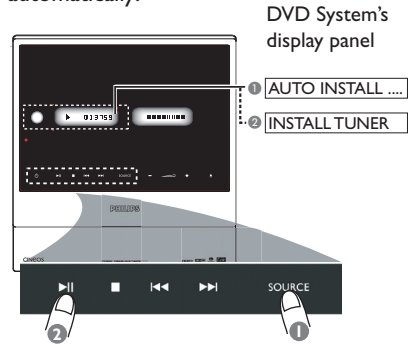
❶ Press **SOURCE** on the system panel to select TUNER mode.
➜ "AUTO INSTALL PRESS PLAY" appears.

❷ Press and hold ►II (PLAY PAUSE) on the system panel until "INSTALL TUNER" appears on the display panel.
➜ All the available radio stations with strong signal strength will be stored automatically.
➜ Once complete, the last tuned radio station will be played back.

Tuner Operations (continued)

Using automatic preset

Use automatic presetting to store or reinstall all the preset radio stations.
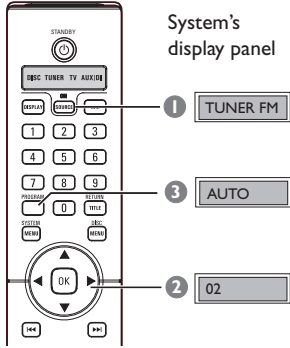
System's display panel

① TUNER FM

③ AUTO

② 02

A Press **SOURCE** button until "TUNER FM" appears on the display panel.

B Press ◀▶ or use the **numeric keypad (0-9)** to select a preset number to begin.

C Press and hold **PROGRAM** until "AUTO" appears.
➜ If a radio station is stored in one of the earlier presets, the same radio station will not store under another preset number.
➜ If no preset number is selected, automatic preset will begin from preset (1) and all your former presets will be overridden.

Using manual preset

Use manual presetting to store only your favorite radio stations.

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

B Press **PROGRAM**.

C Use ◀▶ keys to select a preset number that you want to store the current radio station under.

D Press **PROGRAM** again to store.

Selecting a preset radio station

● Use ◀▶ keys to select a preset number (or use the numeric keypad on the remote control).
➜ The preset number followed by the radio frequency will appear.

Deleting a preset radio station

A In tuner mode, use ◀▶ keys on the remote control to select a preset radio station.

B Press and hold ■ until "PRESET DELETED" appears.
➜ The radio station continues to play but has been deleted from the preset list.

Changing tuning grid

(not available for all versions)
In some countries, the frequency step between adjacent channels in the MW/ FM band is 9 kHz/ 50kHz (10 kHz/ 100kHz in some areas).

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

A Press **SOURCE** to select "FM" or "MW".

B Press **STANDBY ON** on the front panel to switch the DVD system to standby mode.

C Press **STANDBY ON** again to turn on the DVD system whilst holding down ◄◄ the button on the front panel.
➜ The display will show "GRID 9" or "GRID 10".

Sound and Volume Controls

Selecting surround sound

● Press **SURR.** (SURROUND) to select :
MULTI-CHANNEL or STEREO.
→ 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,
Dolby Digital EX, 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 surround speakers.

Helpful Hint:
*– You are not able to select the surround
sound mode if the system setup menu is
turned on.*

Adjusting the Bass/ Treble level

The BASS (low tone) and TREBLE (high
tone) features enable you to define the
sound processor settings.

1 Press **BASS** or **TREBLE** on the remote
control.

2 Within five seconds, use the **VOL ＋－**
to adjust the Bass or Treble level (MIN,
－2, －1, 0, ＋1, ＋2 or MAX).
→ If the volume control is not used
within five seconds, it will resume its
normal volume control function.

Selecting digital sound effects

Select a preset digital sound effect 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.

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

Volume control

● Press **VOL ＋/－** on the remote
control 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 control.
→ Playback will continue without sound
and "MUTE" appears.
→ To restore the volume, press **MUTE**
again, or increase the volume level.

Other Features

Setting the Sleep timer

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

A Press and hold **DIM** on the remote control until "SLEEP XX" appear on the display panel (XX = 15, 30, 45, 60 or OFF).

B To select the next sleep timer value, press **DIM** button again while in sleep timer mode until it reaches the desired preset turn-off time.

→ 'SLEEP' will be showed on the display panel, except if "OFF" is selected.

→ Before the system switches to the standby mode, a countdown of 10 seconds is displayed.

"SLEEP10" → "SLEEP 9".... → "SLEEP1" → "SLEEP"

To cancel the sleep timer
● Press and hold **DIM** until "OFF" appears or press the **STANDBY** ⏻ button.

Dimming system's display screen

● In any active mode, press **DIM** on the remote control to select the desired brightness :

DIM 1 : 70% brightness
DIM 2 : 50% brightness
DIM 3 : 25% brightness
DIM OFF : normal brightness

Using the remote to operate your 'Philips' television
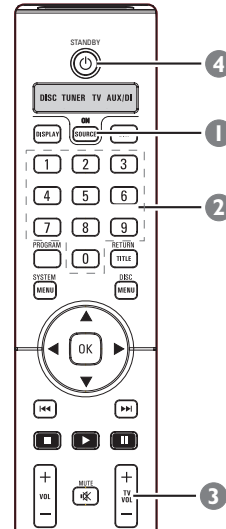
A Press **SOURCE** button until "TV" appears on the display panel.

B Press ⏮ / ⏭ or use the **numeric keypad (0-9**) to select the TV's channel.

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

D Press and hold **STANDBY** ⏻ to turn off your TV.

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Specifications

AMPLIFIER SECTION

Output power	800 W
Front Left/Right	125W/channel
Front Center	125W/ channel
Rear Left/Right	85 W/ channel
Rear Center	105 W/ channel
Subwoofer	150 W/ channel
Frequency Response	20 Hz – 6 kHz / –3 dB
Signal-to-Noise Ratio	> 65 dB (CCIR)
Input Sensitivity	
– AUX In	1000 mV
– TV In	500 mV

TUNER SECTION

Tuning Range	FM 87.5 – 108 MHz (50 kHz)
26 dB Quieting Sensitivity	FM 20 dB
Image Rejection Radio	FM 25 dB
IF Rejection Ratio	FM 60 dB
Signal-to-Noise Ratio	FM 60 dB
AM Suppression Ratio	FM 30 dB
Harmonic Distortion	FM Stereo 3%
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 Diameter	12cm / 8cm
Video Decoding	MPEG-1 / MPEG-2 / MPEG-4 / DivX 3.11, 4.x, 5.x and 6.x / XviD
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 W
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
SACD D/A converter	PCM
SACD cut-off frequency	50 kHz

CENTER UNIT

Power Supply Rating	110V - 240V; 50 - 60 Hz
Power Consumption	15W
Standby Power Consumption	< 0.5W
Dimensions (w x h x d)	273 x 284 x 144 mm
Weight	2.8 kg

AV SUBWOOFER

Power Supply Rating	110 - 127V/ 220 - 240V (Switcable) ; 50 - 60 Hz
Power Consumption	150 W
Standby Power Consumption	< 0.5W
System	Bass Reflex System
Impedance	4 Ω
Speaker drivers	165mm (6.5") woofer
Frequency response	30 Hz – 120 Hz
Dimensions (w x h x d)	300 x 399 x 300 mm
Weight	12 kg

LEFT/ RIGHT SPEAKERS

System	2-way, closed box system
Impedance	6 Ω
Speaker drivers	2 x (3"x3") flat cone woofer + 1 x (1"x 4") ribbon tweeter
Frequency response	120 Hz + 20 kHz
Dimensions (w x h x d)	106 x 1300 x 32 mm (height including stand)
Weight	4.75 kg/each (including stand)

CENTER FRONT/ REAR SPEAKERS

System	2-way, closed box system
Impedance	6 Ω
Speaker drivers	2 x (3"x3") flat cone woofer + 1 x (1"x 4") ribbon tweeter
Frequency response	120 Hz + 20 kHz
Dimensions (w x h x d)	497 x 139 x 32 mm (height including stand)
Weight	1.5 kg/each (including base)

AV WIRELESS RECEIVER BOX

Power Supply Rating	110V - 240V; 50 - 60 Hz
Power Consumption	60 W
Standby Power Consumption	< 0.5W
Dimensions (w x h x d)	242.5 x 157 x 117.5 mm
Weight	1.56 kg

JUNCTION BOX

Dimensions (w x h x d)	182 x 35 x 62 mm
Weight	0.27 kg

Specifications subject to change without prior notice.

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. – Press the ⏻ (STANDBY ON) on the front of the DVD system to turn on the power.
No picture.	– Refer to your TV's manual for correct Video In channel selection. Change the TV channel until you see the DVD screen. – Press the SOURCE button to select disc mode. – If the progressive scan feature is activated, but the connected TV does not support progressive signals or the cables are not connected accordingly, see pages 25~26 for proper progressive scan setup or deactivate the progressive scan feature as below: 1) Turn off your TV progressive scan mode or turn on to interlaced mode. 2) Press ⏏ EJECT on the DVD system. 3) Press ▶ on the remote control. 4) Press SUBTITLE on the remote control.
Completely distorted picture or black/ white picture is displayed.	– If this happens when you are changing the setting of the 'TV TYPE', wait for 15 seconds for the auto recovery. – Check the video connection. – Sometimes a small amount of picture distortion may appear. This is not a malfunction. – 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. – Depending on the TV, it may not be possible to change the aspect ratio.
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 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. – Changing the language for the sound or subtitle is prohibited on this DVD.

Troubleshooting (continued)

Problem	Solution
Unable to select some items in the setup/system menu.	– Press ■ STOP button twice before selecting the system setup menu. – 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. – Check the disc type, color system (PAL or NTSC) and region code. – Check for any scratches or smudges on the disc. – Press SYSTEM MENU to turn off the system setup menu screen. – You may need to enter the password in order to change the parental control rating level or to unlock the disc for playback. – Moisture may have condensed inside the system. Remove the disc and leave the system turned on for about an hour.
No surround sound effect from the speakers.	– Press the SURR. button to select a correct surround sound setting. – 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. – Increase the distance between the system 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.
The remote control does not function properly.	– Select the source (for example, SOURCE) before you press the function button (▶ , ◀◀ , ▶▶). – Reduce the distance between the remote control and the DVD system. – Replace the batteries with new ones. – Point the remote control directly toward the IR sensor. – 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/6.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.
The disc in the disc slot cannot be ejected.	– Press and hold the ■ STOP button on the remote control, followed by pressing number button "2", "5" and "9".

Troubleshooting (continued)

Problem	Solution
No HDMI audio output.	– 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.
No HDMI video output.	– 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 DVD system matches the device you have connected using the HDMI. See "DVD System Menu Options - Video Setup Page".
There is interference on your HTS9800W rear speakers or existing wireless network in your home.	– You need to switch to another frequency channel to avoid bandwidth interference by other wireless devices. – To switch the frequency channel, press and hold the SOUND key on the remote control for 5 seconds. – You will see the channel numbers (1- 4) flashing on the display panel of your DVD system.

Glossary

Analog: Sound that has not been switched 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 a selection of images, sounds, subtitles, multi-angles, etc. to be recorded on a DVD.

DivX 3.11/4.x/5.x/6.x: 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, center and subwoofer).

Dolby Digital EX: A surround sound system developed by Dolby Laboratories containing up to seven channels of digital audio (front left and right, surround left and right, center front and rear 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 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 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 are 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 multi-channel 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.

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

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 then a regular CD.

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.

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.

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).

Super Audio CD (SACD): This audio format is based upon the current CD standards but includes a greater amount of information that provides higher quality sound. There are three types of discs: single layer, double layer and hybrid discs. The hybrid disc contains both standard audio CD and Super Audio CD information.

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.

WMA : WMA is short for Windows Media Audio and 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 recognized by their file extension". wma" or ".WMA".