



DVD Micro Theatre

MCD299

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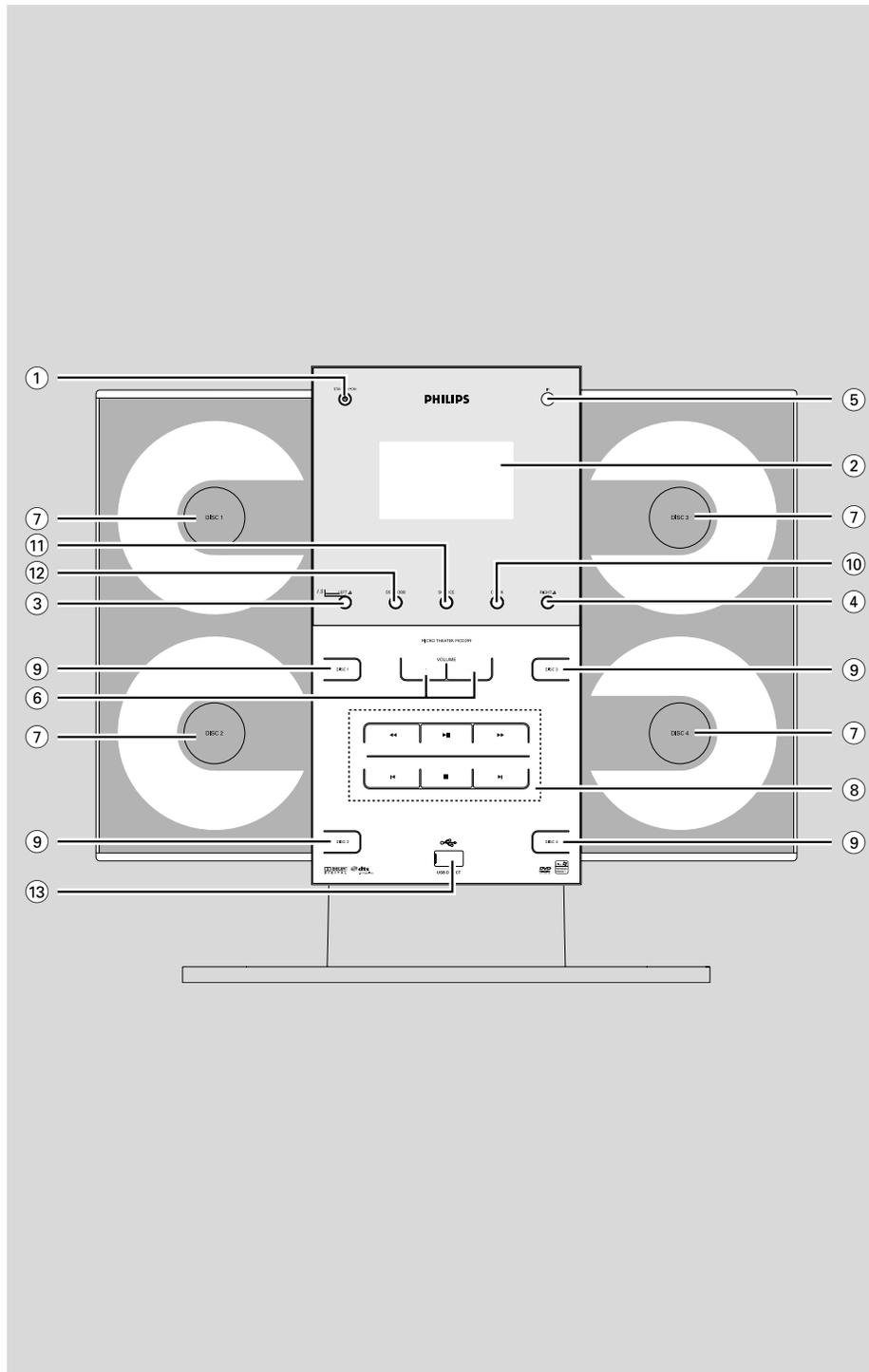
User manual

使用説明

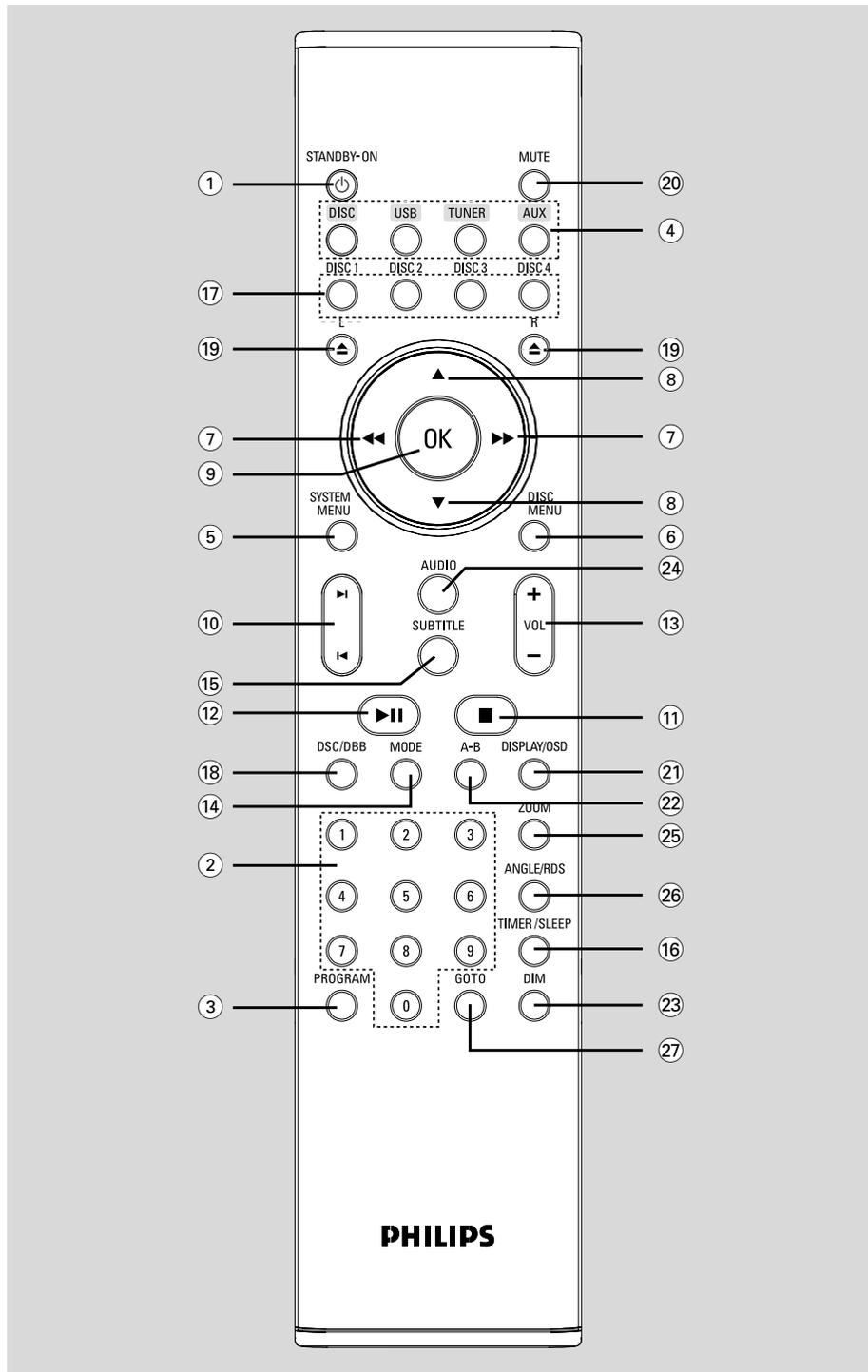


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DEMO MODE

To turn ON

Press button

To turn OFF

Press button again





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中文 45

English

中文



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



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General Information

Congratulations on your purchase and welcome to Philips!

To fully benefit from the support that Philips offers, register your product at www.philips.com/welcome.

Features

Your DVD Micro Theatre with 2.1 channel full digital amplifier creates the same dynamic sound qualities that you find in full-fledged cinemas and incorporates some of the best features in home theater technology.

Other features include:

Built-in Dolby Digital decoder, supporting Incredible Surround and DSC sound setting.

Additional Component Connections

Lets you connect other audio and audio/visual components to the system so you can use the system's surround sound speakers.

Parental control (rating level)

Lets you set a rating level so that your children cannot watch a DVD that has a rating higher than you set.

Sleep timer

Enables the system to switch to standby mode automatically at a preset time.

Night Mode

Lets you compress the dynamic range, reducing the difference in loudness between different sounds in Dolby Digital mode.

Progressive Scan

Provides high quality flicker-free images for film based sources. When a picture refreshes, its vertical resolution can double to 525 lines.

Note:

- To fully enjoy the progressive scan feature, you need a progressive scan TV.

Discs for playback

Your DVD System will play:

- Digital Video Discs (DVDs)
- Video CDs (VCDs)
- SuperVideo CDs (SVCDs)

- Digital Video Discs + Rewritable (DVD+RW)
- Compact Discs (CDs)
- Picture (Kodak, JPEG) files on CDR(W)
- Windows Media Audio (WMA)
- Supported MP3-CD format.
 - ISO 9660 / UDF format
 - Max. title/album name –10 characters
 - Max. title number plus album is 255.
 - Max. nested directory is 8 levels.
 - The max. album number is 32.
 - The max. MP3 track number is 999.
- Supported sampling frequencies for MP3 disc: 32 kHz, 44.1 kHz, 48 kHz.
- Supported Bit-rates of MP3 disc are: 32, 64, 96, 128, 192, 256 (kbps).



The following formats can't be supported

- The files like *.VMA, *.AAC, *.DLF, *.M3U, *.PLS, *.WAV,
- The discs recorded under Joliet format

Region Codes

DVDs must be labeled as shown below in order to play on this DVD system. You cannot play discs that are labeled for other regions.



Notes:

- For mixed mode discs, only one mode will be selected for playback according to the recording format.
- 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 system.

General Information/Maintenance

Supplied accessories

- A/V cord (R/W/Y)
- Component video cables (red/blue/green)
- FM wire antenna
- MW loop antenna
- 15-pin D-Sub cable
- Stands for the main set and speakers
- Wall mounting kit
- Remote Control
- This instruction booklet and a quick start guide

Environmental information

All unnecessary packaging has been omitted. We have tried to make the packaging easy to separate into three materials: cardboard (box), polystyrene foam (buffer) and polyethylene (bags, protective foam sheet).

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

Care and safety information

Avoid high temperatures, moisture, water and dust

- Do not expose the system, batteries or discs to humidity, rain, sand or excessive heat (caused by heating equipment or direct sunlight).
- No objects filled with liquids, such as vases, shall be placed on the apparatus.
- No naked flame sources, such as lighted candles, should be placed on the apparatus.
- The apparatus shall not be exposed to dripping or splashing.
- Excessive sound pressure from earphones and headphones can cause hearing loss.
- Battery shall not be exposed to excessive heat such as sunshine, fire or the like.

Avoid condensation problem

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

Do not block the vents

- Do not operate the system in an enclosed cabinet and allow about 10 cm (4 inches) of free space all around the player for adequate ventilation.
- The ventilation should not be impeded by covering the ventilation openings with items, such as newspapers table-cloths, curtains, etc.

Cleaning the cabinet

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

Cleaning discs

- To clean a disc, wipe it in a straight line from the center towards the edge using soft and lint-free cloth. A cleaning agent may damage the disc.
- Write only on the printed side of a disc and only with a soft felt-tipped pen.
- Handle the disc by its edge. Do not touch the surface.

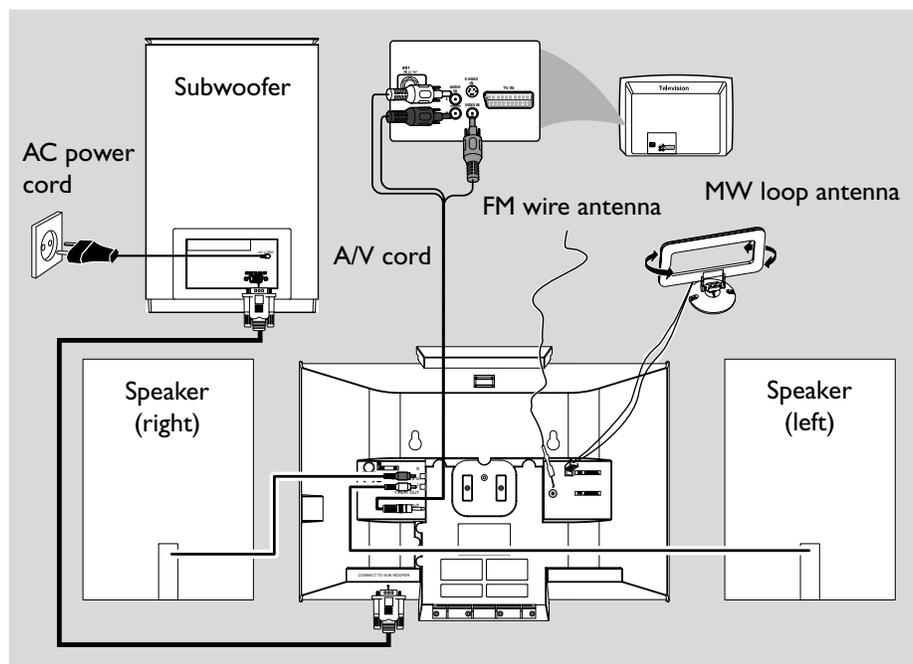


Finding a suitable location

- Place the player on a flat, hard, stable surface.
- Install this unit near the AC outlet and where the AC power plug can be reached easily.

Installation

English



IMPORTANT!

- The type plate is located at the rear of the system.
- The voltage selector located at the rear of this system is preset at 220V-240V from the factory. For countries that operate at 110V-127V, please adjust to 110V-127V before you switch on the system.
- Before connecting the AC power cord on the rear of the subwoofer to the wall outlet, ensure that all other connections have been made.
- Never make or change any connections with the power switched on.
- High voltage! Do not open. You run the risk of getting an electric shock.
- The machine does not contain any user-serviceable parts.
- Modification of the product could result in hazardous radiation of EMC or other unsafe operation.

To avoid overheating of the system, a safety circuit has been built in. Therefore, your system may switch to Standby mode automatically under extreme conditions. If this happens, let the system cool down before reusing it (not available for all versions).

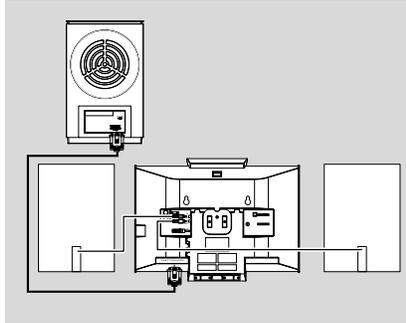
Note:

- Before installation is finished, it is not recommended to remove the protective plastic film attached to the surface of the front panel to avoid any scratch caused during installation.

Installation

English

Step 1: Connecting speakers



- 1 Place the main set with the front side facing down on a flat and firm surface.
- 2 Connect the two front speaker cables to the **SPEAKERS (6 Ω)** terminals: right speaker to "R" and left speaker to "L".
- 3 Remove the detachable cover at the left bottom of the main set to expose the **CONNECT TO SUB WOOFER** terminal.
- 4 Connect the **CONNECT TO SUB WOOFER** terminal of the main set to the **CONNECT TO MAIN SET** terminal of the subwoofer with the supplied 15-pin D-Sub cable by matching the pins. Fix the two screws on the connectors to ensure firm connection.
- 5 Mount the detachable cover back until hearing a click.

Notes:

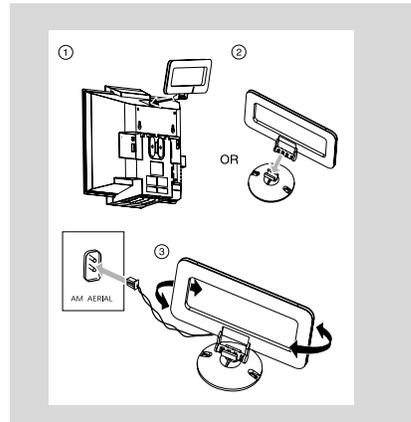
- Ensure that the speaker cables are correctly connected. Improper connections may damage the system due to short-circuit.
- For optimal sound performance, use the supplied speakers.
- Do not connect speakers with an impedance lower than the speakers supplied. Please refer to the **SPECIFICATIONS** section of this manual.
- The delivery-attached 15-pin D-Sub cable is intended for use with this system only. Never try it on any other devices (e.g., do not use it in connection of your PC).

Step 2: Antennas Connection

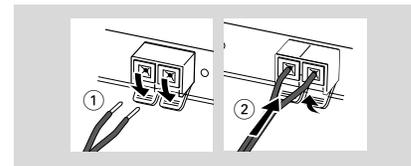
Connect the supplied MW loop antenna and FM antenna to the respective terminals. Adjust the position of the antenna for optimal reception.

MW Antenna

- Position the antenna as far as possible from a TV, VCR or other radiation source.



FM Antenna



- For better FM stereo reception, connect an outdoor FM antenna to the FM ANTENNA terminal.

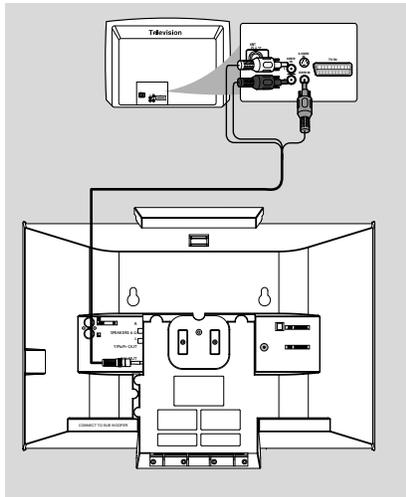
Installation

Step 3: Connecting TV

IMPORTANT!

- You only need to make one video connection from the following options, depending on the capabilities of your TV.
- Connect the DVD system directly to the TV.

Using AV OUT jack

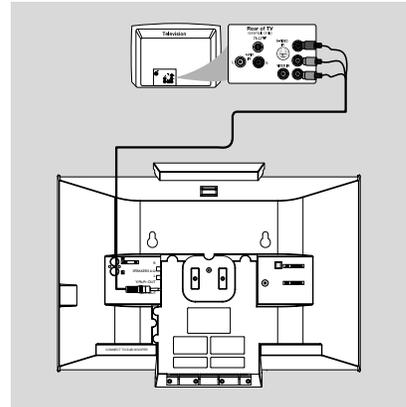


- 1 Connect the end of the supplied AV cord with only one connector to the **AV OUT** jack of the DVD system.
- 2 For the other end, connect the video output connector (yellow) to the video input jack (or labeled as A/V In, CVBS, Composite or Baseband) on the TV. To hear the sound of this DVD system through your TV, connect the audio connectors (white/ red) to the audio input jacks on the TV.

Using Y Pb Pr OUT jack

IMPORTANT!

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



- 1 Use component video cables (red/blue/green) to connect the **COMPONENT VIDEO OUTPUT (Pr/Cr Pb/Cb Y)** jack to the corresponding Component video input jacks (or labeled as Y Pb/Cb Pr/Cr or YUV) on the TV.
- 2 If you are using a Progressive Scan TV (TV must indicate Progressive Scan or ProScan capability), to activate TV Progressive Scan, please refer to your TV user manual. For DVD system Progressive Scan function, see "Preparations-Setting up Progressive Scan feature".

Note:

- If your TV does not support Progressive Scan, you will not be able to view the picture.

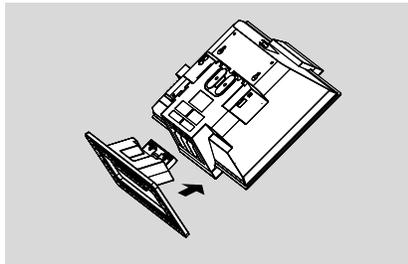
Installation

English

Step 4: Placing the set and speakers

With the supplied detachable stands and wall mounting kit, you can either place the main set and speakers on desktop or mount them onto wall. Desktop installation is taken for example here. For how to mount the system onto wall, please refer to **Appendix** and the attached **Wall Mounting Instructions**.

- 1 Align the side marked **PRESS▼** of the larger-size stand with the slots at the bottom of the main set.



- 2 Push the stand down into the slots until you hear a click.
- 3 Attach the two smaller-size stands to the speakers in the same way.
- 4 Place the main set and speakers upright on the desktop with the support of the stands.

Note:

– To remove the stand from the main set or either speaker, while pressing down **PRESS▼**, pull the stand out from the slots.

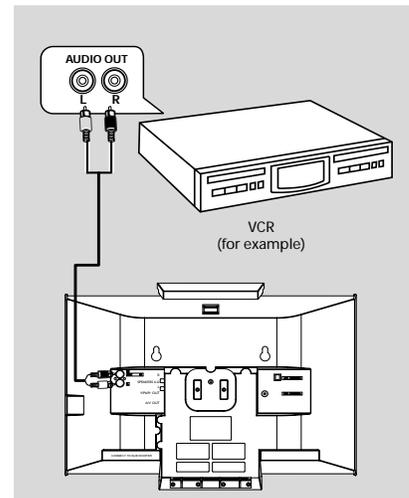
Step 5: Connecting the power cord

After everything is connected properly, plug in the AC power cord on the rear of the subwoofer to the power outlet.

Never make or change any connection with the power switched on.

Optional: Connecting additional equipment

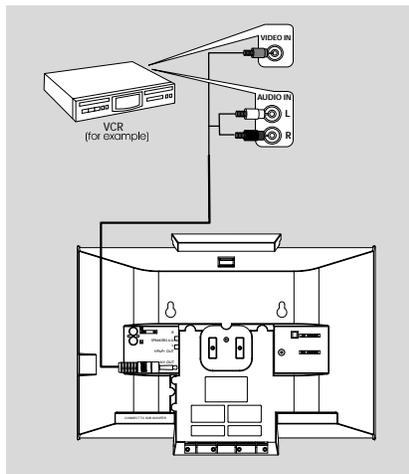
Listening to the playback of a non-USB device



- Connect the system's **AUX IN (R/L)** jacks to the **AUDIO OUT** jacks on the other audio/visual device (such as a VCR, Laser Disc player or cassette desk) (*cable not supplied*).
- Before starting operation, press **SOURCE** on the front panel to select **AUX** or press **AUX** on the remote control in order to activate the input source.

Installation

Using the VCR for recording DVDs



- 1 Connect the end of the supplied AV cord with only one connector to the **A/V OUT** jack of the DVD system.
- 2 For the other end, connect the video output connector (yellow) to the VIDEO IN jack on the VCR and the audio connectors (white/ red) to the corresponding audio input jacks on the VCR. This will allow you to make analogue stereo (two channel, right and left) recordings.

Connecting a USB device or memory card

IMPORTANT!

– Before connecting the USB plug, first slide open the protective cover on the USB socket.

By connecting a USB mass storage device (including USB flash memory, USB flash players or memory cards) to the Hi-Fi system, you can enjoy the device's stored music through the powerful speakers of Hi-Fi system.

- Insert the USB device's USB plug into the USB socket on the set.

for the devices with USB cables:

- 1 Insert one plug of the USB cable (not supplied) to the USB socket on the set.
- 2 Insert the other plug of the USB cable to the USB output terminal of the USB device.

for the memory card:

- 1 Insert the memory card into a card reader (not supplied).
- 2 Use a USB cable (not supplied) to connect the card reader into the USB socket on the set.

Controls

English

Controls on the system

- ① **STANDBY-ON** 
 - switches the system on or to standby mode.
- ② **Display screen**
 - shows the status of the system.
- ③ **LEFT** 
 - opens/closes the left disc door.
- ④ **RIGHT** 
 - opens/closes the right disc door.
- ⑤ **IR SENSOR**
 - remote sensor
- ⑥ **VOLUME**  
 - adjusts the volume level.
- ⑦ **Disc trays**
- ⑧ **Mode Selection**
 -  
 - for TUNER tunes to a station.
 - *for DISC/USB fast searches back and forward within a track/disc.
 - for Clock/Timer sets the hour.
 -  stops disc playback or erases a disc program.
 -  starts or interrupts playback.
 -  
 - for TUNER selects a preset radio station.
 - for DISC/USB skips to the previous/next chapter/title/track.
 - for Clock/Timer sets the minute.
- ⑨ **DISC 1/2/3/4**
 - selects a disc tray for playback.
- ⑩ **CLOCK**
 - Standby mode
 - *– sets the system clock.
 - Playback mode
 - displays the system clock.
- ⑪ **SOURCE**
 - to select the respective sound source : DISC, USB, TUNER (FM/MW) or AUX.
- ⑫ **DSC•DBB**
 - *– selects different types of preset sound equalizer settings (FLAT, POP, CLASSIC, ROCK, JAZZ).
 - enables or disables bass enhancement.

⑬ **USB DIRECT**

- jack for the external USB mass storage device.

Controls on the remote control

- ① **STANDBY-ON** 
 - switches the system on or to standby mode.
- ② **Numeric Keypad (0-9)**
 - inputs a track/title/chapter number of the disc.
- ③ **PROGRAM**
 - DVD/VCD/CD/MP3-CD/USB: enters the program menu.
 - Picture CD: during playback, to select a slide show mode.
 - Tuner: programs preset radio stations.
- ④ **SOURCE**
 - to select the respective sound source: DISC, USB, TUNER (FM/MW) or AUX.
- ⑤ **SYSTEM MENU** (disc mode only)
 - to enter or exit the system menu bar.
- ⑥ **DISC MENU** (disc mode only)
 - DVD/VCD: enters or exits the disc contents menu.
 - VCD2.0: switches the playback control mode on or off.
- ⑦  
 - Tuner
 - press to tune to a lower/higher radio frequency gradually.
 - press and hold, then release the key to start automatic search for a radio frequency downward/upward.
 - Disc/USB
 - searches fast backward/forward.
 - In DISC mode, to select a movement direction in the disc menu or system menu bar.
 - for clock/timer, to set the hour.
- ⑧  
 - In DISC mode, to select a movement direction in the disc menu or system menu bar.
 - selects different slow playback modes for a VCD/ SVCD/DVD.

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

Controls

- ⑨ **OK**
- to exit or confirm the selection.
- ⑩ **◀/▶**
- Disc: skips to the previous/next chapter/title/track.
 - Tuner: selects a preset radio station.
 - for clock/timer; to set the minute.
- ⑪ **■**
- In DISC/USB mode, to stop playback or clear a program.
- ⑫ **▶||**
- In DISC/USB mode, to start or interrupt playback.
- ⑬ **VOL +/-**
- adjusts the volume upward/downward.
- ⑭ **MODE**
- selects various repeat modes or the shuffle play mode for a disc.
- ⑮ **SUBTITLE**
- selects a subtitle language.
- ⑯ **TIMER/SLEEP**
- Standby mode**
- sets time for switching on the system automatically.
- Power-on mode**
- sets the sleep timer function (auto off).
- ⑰ **DISC 1/2/3/4**
- selects a disc tray for playback.
- ⑱ **DSC/DBB**
- *– selects different types of preset sound equalizer settings (FLAT, POP, CLASSIC, ROCK, JAZZ).
 - enables or disables bass enhancement.
- ⑲ **L ▲ / R ▲**
- opens/closes the left/right disc door.
- ⑳ **MUTE**
- to interrupt or resume sound reproduction.
- ㉑ **DISPLAY/OSD**
- displays information on TV screen during playback.
- ㉒ **A-B**
- for VCD/CD/USB: to repeat a specific section within the same track.
 - for DVD: to repeat a specific section in a disc.
- ㉓ **DIM**
- selects different levels of brightness for the display screen.
- ㉔ **AUDIO**
- for VCD
 - sets Stereo, Mono-Left or Mono-Right sound mode.
 - for DVD
 - selects an audio language.
- ㉕ **ZOOM**
- DVD/VCD/Picture CD: enlarges or reduces a picture or active image on the TV screen.
- ㉖ **ANGLE/RDS (RDS function unavailable for this version)**
- *– DVD: selects a DVD camera angle.
- ㉗ **GOTO**
- In DISC mode, to fast search in a disc by entering a time, title, chapter or track.

Notes for remote control:

- **First, select the source you wish to control by pressing one of the source select keys on the remote control (DISC or TUNER, for example).**
- **Then select the desired function (▶||, ◀, ▶ for example).**

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

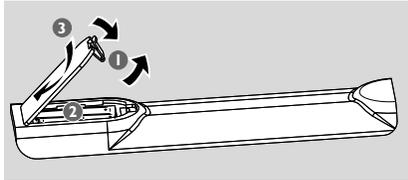
Preparations

English

IMPORTANT!

– Make sure to complete the preparation procedures before operating the system.

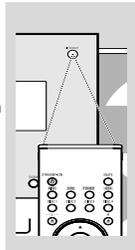
Step 1: Inserting batteries into the Remote Control



- 1 Open the battery compartment.
- 2 Insert two AAA batteries following the indications (+/-) inside the compartment.
- 3 Close the cover.

Using the Remote Control to operate the Player

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



Step 2: Setting the clock

The clock can be set in either 12-hour or 24-hour mode.

- 1 In standby mode, press and hold **CLOCK** on the front panel.
- 2 Press **◀/▶** to set the hours.
- 3 Press **⏪/⏩** to set the minutes.
- 4 Press **PROGRAM** to select clock mode.
- 5 Press **CLOCK** to confirm the time.

Notes:

- The clock setting will be erased when the system is disconnected from the power supply.
- The system will exit clock setting mode if no button is pressed within 90 seconds.

CAUTION!

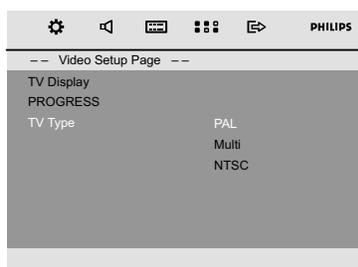
- Remove batteries if they are exhausted or if the Remote Control is not being used for a long time.
- Do not use old and new or different types of batteries in combination.
- Batteries contain chemical substances, so they should be disposed of properly.

Preparations

Step 3: Setting video preference

IMPORTANT!

- Make sure you have completed all the necessary connections. (See "Connections-Connecting TV".)



Turn on the TV set and set it to the correct Video-In channel.

→ You may go to channel 1 on your TV set, then press the channel button repeatedly until you see the Video In channel.

→ Or, you can use the TV remote control to select different video modes.

→ Or, set TV to channel 3 or 4 if you are using an RF modulator.

- 1 In stop mode or during playback, press

SYSTEM MENU.

- 2 Press ◀▶▶/▲/▼ on the remote control to toggle through the functions and select your preferential option.

→ Move to **Video Setup Page** and press ▼.

→ Move to one of the following and press ▶▶.

Setting TV Type

Allows you to select the colour system matching the connected TV set.

PAL

- If the connected TV is PAL system, select this mode. It will change the video signal of a NTSC disc and output in PAL format.

Multi

- If the connected TV is multi system, select this mode. The output format will be in accordance with the video signal of the disc.

NTSC

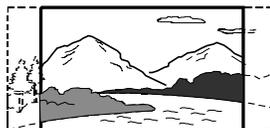
- If the connected TV is NTSC system, select this mode. It will change the video signal of a PAL disc and output in NTSC format.

Setting TV Display

Select the aspect ratio of the TV to be connected.

4:3 PAN SCAN (Pan and Scan mode)

- If you have a conventional TV set and your DVD is not formatted for widescreen viewing, use this setting. A wide picture is displayed on the whole TV screen with a portion automatically cut off.



4:3 LETTER (Letterbox mode)

- If you have a conventional TV set and your DVD is formatted for widescreen viewing, use this setting. A wide picture with bands displayed on the upper and lower portions of the TV screen.



16:9 (Wide screen mode)

- If you have a widescreen TV set, use this setting (you must also set your widescreen TV to "full size") available on a disc, then the disc's own preference will be used.



Preparations

English

Note:

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.

To exit the menu

Press **SYSTEM MENU** again.

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

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

IMPORTANT!

Before enabling the progressive scan feature, you must ensure:

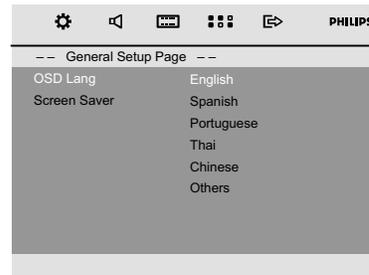
- 1) Your TV can accept progressive signals, a progressive scan TV is required.
- 2) You have connected the DVD player to your TV using Y Pb Pr (see "Installation-Step 3: Connecting TV - Using Y Pb Pr OUT jack").

- 1 Turn on your TV.
- 2 Turn off your TV progressive scan mode or turn on interlaced mode (refer to your TV user manual).
- 3 Press **STANDBY-ON**  to turn on the DVD player.
- 4 Select the correct Video Input channel.
→ The DVD background screen appears on the TV.
- 5 Press **SYSTEM MENU**.
- 6 Press **◀▶▶** repeatedly to select "**Video Setup page**".
- 7 Move to "**Progress**" and press **▶▶**.
- 8 Move to "**On**" and press **OK** to confirm.
→ The setup is complete now and you can start to enjoy the high quality picture.

Step 4: Setting language preference

You can select your preferred language settings so that this DVD Micro System will automatically switch to the language for you whenever you load a disc. If the language selected is not available on the disc, the language set by default will be used instead. But the menu language of the DVD Micro System cannot be changed once selected.

- 1 In stop mode or during playback, press **SYSTEM MENU**.
- 2 Press **◀▶▶/▲/▼** on the remote control to select your preferred option.
→ Move to **General Setup Page** and **Preference Page** respectively and press **▼**.
→ Move to one of the following and press **▶▶**.

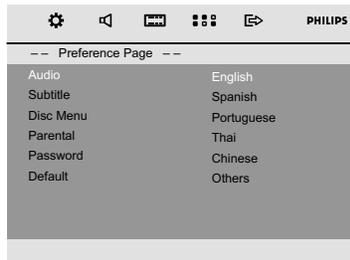


OSD Lang (On-Screen Display)

Switches the display language on the TV screen. Select the language from the displayed list.

Preparations

English



Audio (DVD only)

Switches the display language of the sound track.
Select the language from the displayed list.

Subtitle (DVD only)

Switches the display language of the subtitle.
Select the language from the displayed list.

Disc Menu (DVD only)

Select the language for the DVD menu.

When the selected language is not recorded in the DVD, one of the recorded languages will be selected automatically (except for OSD).
You can reset all the DVD settings except for Rating.

If the language selected is not available on the disc, the original language designated by each disc will be selected.

- 3 Press **▲/▼** to select a language and press **OK**.
- 4 Repeat **steps 2~3** for other settings.

To exit the menu

Press **SYSTEM MENU** again.



Basic Functions

Plug and Play (for tuner installation)

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

First time setup/power up

- 1 When you turn on the main supply, "AUTO INSTALL - PRESS PLAY" is displayed.
- 2 Press **▶ ||** on the system to start installation.
 - "PLUG AND PLAY" ... "INSTALL" is displayed, followed by "TUNER" and "AUTO".
 - **PROG** starts flashing.
 - All available radio stations with sufficient signal strength will be stored automatically, starting from FM and followed by MW band.
 - When all the available radio stations are stored or the memory for 40 presets are used, the last preset radio station will be played.

To reinstall Plug and Play

- 1 In standby or demonstration mode, press and hold **▶ ||** on the system until "AUTO INSTALL - PRESS PLAY" is displayed.
- 1 Press **▶ ||** again to start installation.
 - All previously stored radio stations will be replaced.

To exit without storing the Plug and Play

- Press **■** on the system.
 - If you do not complete the Plug and Play installation, the function will be restarted when you next turn on the main supply again.

Notes:

- When the power is turned on, the disc tray may open and close to initialise the system.
- If no stereo frequency is detected during Plug and Play, "CHECK ANTENNA" will be displayed.
- During Plug and Play, if no button is pressed within 15 seconds, the system will exit Plug and Play mode.

Switching the system on/off

- Press **STANDBY-ON** .
- Press **DISC, USB, TUNER** or **AUX** on the remote.
 - The system will switch to the selected source.
- Press **LEFT ▲** or **RIGHT ▲** on the front panel (**L ▲** or **R ▲** on the remote).
 - The system will switch to the disc source.

To switch the system to standby mode

- Press **STANDBY-ON** .
- The interactive sound settings, last selected source and tuner presets will be retained in the player's memory.

Power-saving automatic standby

As a power-saving feature, the system will automatically switch to Standby mode if you do not press any buttons within 15 minutes after a disc has stopped playing.

Sound Control

DBB and DSC sound features cannot be activated at the same time.

DBB (Dynamic Bass Boost)

DBB enhances the bass response.

- Press **DSC•DBB** on the remote to enable/disable DBB feature.
 - Some discs might be recorded in high modulation, which causes a distortion at high volume. If this occurs, switch off DBB or reduce the volume.

DSC (Digital Sound Control)

DSC provides a different type of preset sound equalizer setting.

- Press and hold **DSC•DBB** on the remote repeatedly to select: FLAT, POP, CLASSIC, ROCK or JAZZ.



Basic Functions

Volume control

Press **VOLUME +/-** (**VOL +/-** on the remote) to increase or decrease the volume level.

→ "VOL XX" is displayed on the display panel.
"XX" denotes the volume level.

To switch off the volume temporarily

- Press **MUTE** on the remote.
→ Playback will continue without sound and "MUTING" flashes.
- To activate sound reproduction, you can:
 - press **MUTE** again;
 - adjust the volume controls;
 - change source.

Dimming the display screen

- Press **DIM** repeatedly to select different levels of brightness for the display screen.

Demonstration mode

The system has a demonstration mode that shows the various features offered by the system.

To activate the demonstration

- In **standby mode**, press **■** on the system to activate the demo mode.
→ Demonstration will begin.

To deactivate the demonstration

- Press **■** on the system again.
→ "DEMO OFF" is displayed.

Note:

- Even if you remove the AC power cord and reconnect it to the wall socket, the demonstration will remain off until you activate it again.



Disc Operations

IMPORTANT!

- This system is designed for regular discs. Therefore, do not use any accessories such as disc stabiliser rings or disc treatment sheets, etc., as offered on the market, because they may jam the disc mechanism.
- Do not move the system during playback. Doing so may damage the system.
- DVD discs and players are designed with regional restrictions. Before playing a disc, make sure the disc matches the regional code of your player.
- According to the format requirement of DVD or VCD, some operations may be different or restricted.
- Do not push on the disc tray or put any objects other than disc in the slot loader. Doing so may cause the disc player malfunction.
- If \emptyset appears on the TV screen when a button is pressed, it means the function is not available on the current disc at the current time.

→ **CLOSE** is displayed briefly. Then, the DVD player will play all the discs in the four disc trays one by one starting from "DISC 1". If no disc is found in a disc tray, the DVD player will automatically turn to the next one. In this case, **CHANGING** will be displayed briefly followed by **LOAD**. If no disc is found in any of the four disc trays, **NO DISC** will be displayed.

- If a disc menu appears on the TV, see "Using the disc menu".
- If the disc is locked by parental control, you must enter your four-digit password. (See "Preference Page - Password".)

- 6 At any time, simply press **■** to stop playback.

Using the disc menu

For disc with Table Of Contents, a menu may appear on the TV screen once you load the disc.

To select a playback feature or item

- Use **◀▶▶▶/▲/▼** and **OK** or **Numeric Keypad (0-9)** on the remote.
- Playback will start automatically.

To access or exit the menu

- Press **DISC MENU** on the remote.

For VCD with Playback Control (PBC) feature (version 2.0 only)

PBC playback allows you to play Video CDs interactively, following the menu on the display.

- During playback, press **DISC MENU**.
 - If PBC was ON, it will switch to OFF and continue playback.
 - If PBC was OFF, it will switch to ON and return to menu screen.

Playing discs

- 1 Connect the power cords of the system and TV (or any optional stereo or AV receiver) to a power outlet.
- 2 Turn on the TV power and set to the correct Video In channel. (See "Setting up the TV".)
- 3 Press **STANDBY-ON** **⏻**.
 - You should see the blue Philips DVD background screen on the TV.
- 4 Press **LEFT ▲** or **RIGHT ▲** on the front panel (**L ▲** or **R ▲** on the remote control) to open the left or right disc door respectively.
 - **OPEN** is displayed when the left or right disc door slides open.
- 5 Insert one or more discs with the printed side facing you. Press **LEFT ▲** or **RIGHT ▲** on the front panel (**L ▲** or **R ▲** on the remote control) again to close the disc door.

Basic playback controls

Pausing playback (DVD/VCD/CD/MP3/WMA)

- 1 During playback, press **▶II**.
 - Playback will pause and sound will be muted.
- 2 Press **▶II** again to resume.

Disc Operations

Selecting a track/chapter/title (DVD/VCD/CD/MP3/WMA)

- 1 Press **◀/▶** during playback to go to the previous or next chapter/title/track.
- 2 To go directly to any chapter/ title/track, enter the chapter/ title/track number using the **Numeric Keypad (0-9)**.

Resuming playback from the last stopped point (DVD/VCD/CD/MP3/WMA)

- In stop mode and when a disc has not been removed, press **▶II**.

To cancel resume mode

- In stop mode, press **■** again.

Zoom (DVD/VCD/JPEG)

Zooming allows you to enlarge or reduce the video image during playback.

- 1 Press **ZOOM** repeatedly to enlarge or reduce the playback video image.
- 2 Press **◀◀▶▶/▲/▼** to pan across the TV screen.

Different play modes: SHUFFLE and REPEAT (DVD/VCD/CD/MP3/WMA)

- Press **MODE** on the remote control repeatedly to choose a repeat mode during playback.

For DVD - repeat chapter/title

- Press **MODE** repeatedly to select the following:
REPEAT CHAPTER → REPEAT TITLE →
REPEAT ALL → SHUFFLE → NORMAL
PLAYBACK

For SVCD/VCD/CD - repeat track/disc

- Press **MODE** repeatedly to select the following:
REPEAT TRACK → REPEAT ALL → SHUFFLE →
NORMAL PLAYBACK

For MP3/WMA repeat - track/album/disc

in Folder mode:

- Press **MODE** repeatedly to select the following:
REPEAT ONE → REPEAT ALL → SHUFFLE →
NORMAL PLAYBACK

in File list / Playlist mode:

- Press **MODE** repeatedly to select the following:
REPEAT ONE → REPEAT ALL → SHUFFLE →
NORMAL PLAYBACK

In shuffle playback mode:

- Press **▶I** button to select another track in a shuffle order.
- Press **■** to stop shuffle playback.

Repeat A-B (DVD/VCD/CD/MP3/WMA)

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

Slow Motion (DVD/VCD)

- 1 Press **▲** or **▼** on the remote control during playback to select the required forward or backward speed: 1/2, 1/4, 1/8 or 1/16.
→ Sound will be muted.
- 2 To return to normal speed, press **▶II**.

Program (not for Picture CD)

To select favourite tracks/chapters for playback in preferred sequence.

Program: Track (01-16)	
1 04	6 __
2 10	7 __
3 12	8 __
4 __	9 __
5 __	10 __
Exit Start Next ▶▶	

- 1 Press **PROGRAM** to enter the program mode.
- 2 Use the **Numerical Keypad (0-9)** to directly input the tracks or chapters.
- 3 Move the cursor by pressing **◀◀▶▶/▲/▼** to select START.
- 4 Press **OK** to start playback.

Disc Operations

English

Forward/Reverse Searching (DVD/VCD/CD)

- 1 Press **◀◀/▶▶** during playback to select the required speed: X2, X4, X8, X16 or X32 (backward or forward).
→ Sound will be muted.
- 2 To return to normal speed, press **▶II**.

Time search & search by chapter/track number (DVD/VCD/CD/MP3/WMA)

- 1 Press **GOTO** until the time or chapter/track edit box appears.
- 2 Enter hours, minutes and seconds from left to right in the time edit box using the **Numeric Keypad (0-9)** on the remote.
OR
Enter your desired chapter/track number in the chapter/track edit box using the **Numeric Keypad (0-9)** on the remote.

Information display during playback (DVD/VCD/CD/MP3/WMA)

- During playback, press **DISPLAY/OSD** to show disc information on the TV screen.

For DVD/VCD/SVCD

- A menu showing the disc information.
- Display off.

For CD

- Elapsed playback time of the current track.
- Remaining playback time of the current track.
- Elapsed playback time of the whole disc.
- Remaining playback time of the whole disc.
- Display off.

For MP3 CD/WMA

- Elapsed playback time of the current track.
- Remaining playback time of the current track.
- Display off.

Special disc features

Playing a Title (DVD)

- 1 Press **DISC MENU**.
→ The disc title menu appears on the TV screen.
- 2 Use **◀◀/▶▶/▲/▼** to select a play option.
- 3 Press **OK** to confirm.

Camera Angle (DVD)

- Press **ANGLE/RDS** repeatedly to select different desired angle.

Changing the Audio Language (for DVD recorded with multiple languages)

- Press **AUDIO** repeatedly to select different audio languages.

Changing the Audio Channel (for VCD only)

- Press **AUDIO** to select the available audio channels provided by the disc (Mono Left, Mono Right or Stereo).

Subtitles (DVD)

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

Disc Operations

IMPORTANT!

– You have to turn on your TV and set to the correct Video In channel. (See "Setting up the TV".)

Playing MP3/WMA disc

General operation

- 1 Load an MP3/WMA disc.
→ A data disc menu appears on the TV screen and playback starts automatically from the first track.
- 2 Press ◀◀ to move to the album column on the left of the TV screen, then use ▲/▼ to select an album and press **OK** to open it.



- 3 Press ▶▶ to move to the track column on the right of the TV screen and then use ▲/▼ to highlight a track; or directly use the Numeric Keypad (0-9) to input a track number.
- 4 Press **OK** to confirm.
→ The playback will start from the selected track to the end of the album.

Note:

The disc reading time may exceed 10 seconds due to large number of songs compiled onto the disc.

Playback selection

During playback, you can:

- Press ◀/▶ to select another track in the current album.
- Press ▶|| repeatedly to pause/resume playback.

Playing JPEG Picture CD

General operation

- 1 Load a JPEG Picture CD.
→ A data disc menu appears on the TV screen and playback starts automatically from the first file.
- 2 Press ◀◀ to move to the folder column on the left of the TV screen, then use ▲/▼ to select a folder and press **OK** to open it.
- 3 Press ▶▶ to move to the file column on the right of the TV screen and then use ▲/▼ to highlight a file; or directly use the **Numeric Keypad (0-9)** to input a file number.
- 4 Press **OK** to confirm.
→ The playback will start from the selected picture to the end of the folder.

Playback selection

During playback, you can:

- Press ◀/▶ to select another file in the current folder.
- Use ◀▶▶/▲/▼ on the remote to rotate/flip the picture files.
- Press ▶|| repeatedly to pause/resume playback.
- Press ■ to stop playback and return to the disc content menu.

Disc Operations

English

Special JPEG features

Zoom picture (JPEG)

- During playback, press **ZOOM** repeatedly to display the picture with different scales (100%, 125%, 150%, 200%, 75%, 50% and OFF).
- Use ◀▶/▲▼ to view the zoomed picture.

Slide show playback modes (JPEG)

- During playback, press **PROGRAM** repeatedly to select different slide-show playback modes:
Mode 0: NONE
Mode 1: WIPE TOP
Mode 2: WIPE BOTTOM
Mode 3: WIPE L
Mode 4: WIPE R
Mode 5: DIAGONAL L TOP
Mode 6: DIAGONAL R TOP
Mode 7: DIAGONAL L BOTTOM
Mode 8: DIAGONAL R BOTTOM
Mode 9: EXTEND CENTER H
Mode 10: EXTEND CENTER V
Mode 11: COMPRESS CENTER H
Mode 12: COMPRESS CENTER V
Mode 13: WINDOW H
Mode 14: WINDOW V
Mode 15: EDGE TO CENTER
Mode 16: MOVE IN FROM TOP

Playback with multi-angles (JPEG)

- During playback, press ◀▶/▲▼ to rotate the picture on the TV screen.
▲: flip the picture vertically.
▼: flip the picture horizontally.
◀◀: rotate the picture anti-clockwise.
▶▶: rotate the picture clockwise.

System Menu Options

Basic operations

- 1 Press **SYSTEM MENU** to enter the Setup Menu.
- 2 Press **◀▶** to select a page to be set.
- 3 Press **▲/▼** to highlight an option.
- 4 Enter its submenu by pressing **▶** or **OK**.
- 5 Move the cursor by pressing **▲/▼** to highlight the selected item.
- 6 Press **OK** to confirm.

To return to the upper-level menu

- Press **◀**.

To exit from the menu

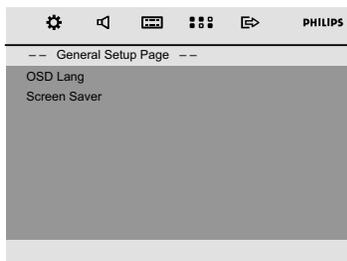
- Press **SYSTEM MENU** again.
→ The settings will be stored in the player's memory even if the player is switched off.

Note:

- Some of the features in the System Menu Options are described in "Preparations".

General Setup Page

The options included in General Setup Page are: "OSD Lang" and "Screen Saver".



OSD Lang

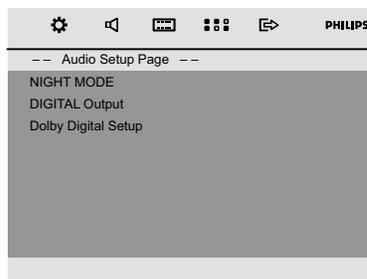
See "Preparations-Step 4: Setting language preference" for details.

Screen Saver

This function is used to turn the screen saver on or off.

Audio Setup Page

The options included in Audio Setup Page are: "Night Mode", "Digital Output" and "Dolby Digital Setup".



Night Mode

- **On:** Select this to level out the volume. High volume outputs will be softened and low volume outputs are brought upward to an audible level.
- **Off:** Select this when you want to enjoy the surround sound with its full dynamic range.

This feature is only available for movies with Dolby Digital mode.

Digital Output

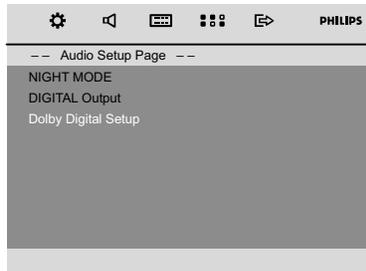
- **Digital Off:** Turns off the digital output.
- **Digital / Raw:** If you have connected your DIGITAL OUT to a multi-channel decoder/receiver.
- **SPDIF / PCM:** Only if your receiver is not capable of decoding multi-channel audio.

System Menu Options

English

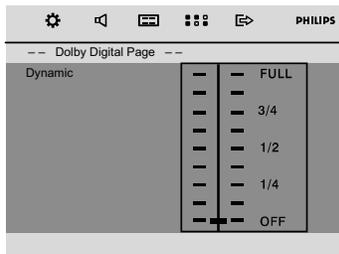
Dolby Digital Setup

The options included in the Dolby Digital Setup page is: "Dynamic".



Dynamic

Optimises the dynamic sound output. High volume outputs are softened, enabling you to watch your favourite movie without disturbing others.



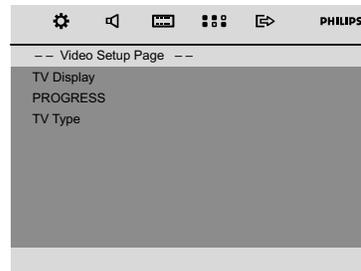
→ The levels for dynamic selection: FULL, 3/4, 1/2, 1/4 and OFF.

Note:

– DTS surround audio output is not available in this DVD player.

Video Setup Page

The options included in Video Setup Page are: "TV Display", "Progress" and "TV Type".



TV Display

See "Preparations-Step 3: Setting video preference" for details.

Progress

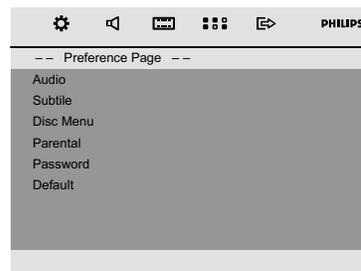
See "Preparations-Step 3: Setting video preference" for details.

TV Type

See "Preparations-Step 3: Setting video preference" for details.

Preference Page

The options included in Preference Page are: "Audio", "Subtitle", "Disc Menu", "Parental", "Password" and "Default".



Audio

See "Preparations-Step 4: Setting language preference" for details.

System Menu Options

Subtitle

See "Preparations-Step 4: Setting language preference" for details.

Disc Menu

See "Preparations-Step 4: Setting language preference" for details.

Parental

Some DVDs may have a parental level assigned to the complete disc or to certain scenes on the disc. This feature lets you set a playback limitation level.

The rating levels are from 1 to 8 and are country dependent. You can prohibit the playing of certain discs that are not suitable for your children or have certain discs played with alternative scenes.

-- Preference Page --	
Audio	1 KID SAF
Subtitle	2 G
Disc Menu	3 PG
Parental	4 PG 13
Password	5 PGR
Default	6 R
	7 NC 17
	8 ADULT

- VCD, SVCD and CD have no level indication, so parental control function has no effect on those kinds of discs. This applies to most illegal DVD discs.

- 1 Press ▲/▼ to highlight "Parental".
- 2 Enter its submenu by pressing ►►.
- 3 Use ▲/▼ to highlight a rating level for the disc inserted.
→ DVDs that are rated above the level you selected will not play unless you enter your four-digit password and choose a higher level rating.

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 work for such Discs.

Rating explanations

1 KID SAFE

– Suitable for children.

2 G

– General Audience; recommended as acceptable for viewers of all ages.

3 PG

– Parental Guidance suggested.

4 PG 13

– Material is unsuitable for children under age 13. Parental Guidance suggested.

5-6 PG-R, R

– Parental Guidance – Restricted; recommended that parents restrict children under 17 from viewing or allow them to view only when supervised by a parent or adult guardian.

7 NC-17

– No children under age 17; not recommended for children under age 17.

8 ADULT

– Material for adults only; viewed only by adults due to graphic sexual scenes, violence, or language.

Password

You can enter your four-digit password to activate or deactivate rating control.

-- Preference Page --	
Audio	
Subtitle	
Disc Menu	
Parental	
Password	Change
Default	

System Menu Options

English

To change password

- 1 Move to "Password" and press ►► or **OK** to enter its submenu.
- 2 Press **OK** to enter the menu below.



- 1 Press ▲/▼ to highlight "Default".
- 2 Highlight "Reset" by pressing ►►.
- 3 Press **OK** to confirm selection.

Caution!

– **When this function is activated, all settings will be reset to factory defaults.**

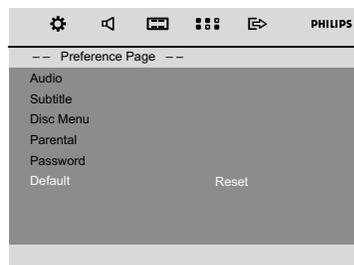
- 3 Use the **Numeric Keypad (0-9)** to enter your four-digit code.
→ The password supplied by default is 1234.
- 4 Enter your new four-digit password using **Numeric Keypad (0-9)**.
- 4 Enter the new password again for confirmation.
- 4 Press **OK** to confirm and the new password takes effect.

Note:

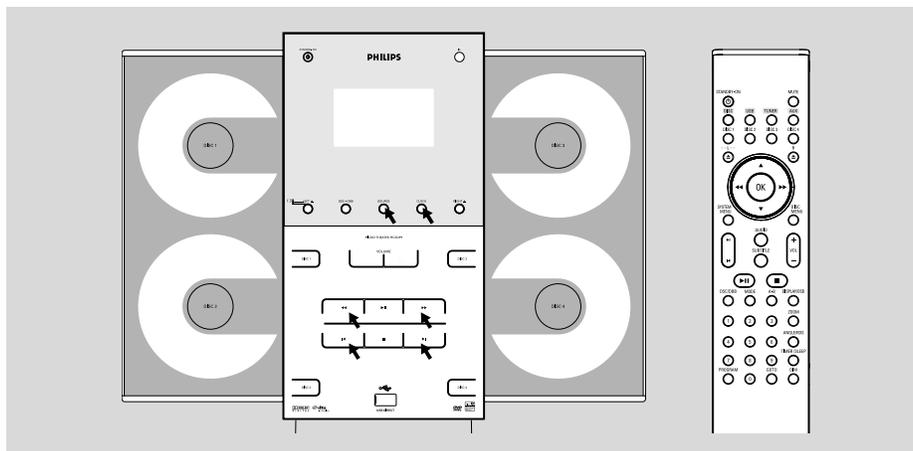
– *The default password (1234) is always active even if the password has been changed.*

Default

Setting the "Default" function will reset all options and your personal settings to the factory defaults and all your personal settings will be erased.



Radio Reception



Tuning to radio stations

- 1 Press **SOURCE** on the front panel of the system repeatedly or **TUNER** on the remote to select TUNER.
→ TUNER is displayed briefly.
- 2 Press **SOURCE** on the front panel of the system or **TUNER** on the remote once or more to select your waveband (FM/MW).
- 3 Press and hold **◀▶**.
→ The radio automatically tunes to a station with sufficient reception. Display indication during automatic tuning: SEARCH.
- 4 Repeat step 3 if necessary until you find the desired station.
- To tune to a weak station, press **◀▶** briefly and repeatedly until you have found optimal reception.

Programming radio stations

You can store up to a total of 40 radio stations in the memory for each band.

Automatic programming

Automatic programming will start with a chosen preset number. From this preset number upwards, former programmed radio stations will be overridden.

- 1 Press **◀ / ▶** to select the preset number where programming should start.
Note:
– If no preset number is selected, default is preset (1) and all your presets will be overridden.
- 2 Press **PROGRAM** for more than 2 seconds to activate programming.
→ AUTO is displayed and available stations are programmed in order of waveband reception strength: FM followed by MW. The last preset automatically stored will then be played.

Radio Reception

English

Manual programming

- 1 Tune to your desired station (see "Tuning to radio stations").
 - 2 Press **PROGRAM** to activate programming.
 - 3 Press **◀ / ▶** on the remote to allocate a number from 1 to 40 to this station.
 - 4 Press **PROGRAM** again to confirm the setting.
→ The preset number and the frequency of the preset station are shown.
 - 5 Repeat the above four steps to store other stations.
- You can override a preset station by storing another frequency in its place.

Tuning to preset radio stations

- Press **◀ / ▶** until the desired preset station is displayed.

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

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

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

Press and hold **■** on the system in the tuner mode.

→ The display will show "9 GRID" or "10 GRID".

Notes:

- GRID 9 and GRID 10 indicate that the tuning grid is in step of 9 kHz and 10 kHz respectively.

External Sources

Using a non-USB device

- 1 Connect the system's **AUX IN (R/L)** jacks to the **AUDIO OUT** jacks on the other audio/visual device (such as a VCR, Laser Disc player or cassette desk) (cable not supplied).
- 2 Press **AUX** to select external equipment.
→ "FLU:" is displayed.

Note:

- All the sound control features (DSC or DBB, for example) are available for selection.
- Refer to the operating instructions for the connected equipment for details.

Using a USB mass storage device

By connecting a USB mass storage device to the Hi-Fi system, you can enjoy the device's stored music through the powerful speakers of Hi-Fi system.

Playing a USB mass storage device Compatible USB mass storage devices

With the Hi-Fi system, you can use:

- USB flash memory (USB 2.0 or USB1.1)
- USB flash players (USB 2.0 or USB1.1)
- memory cards (requires an additional card reader to work with this Hi-Fi system)

Notes:

- In some USB flash players (or memory devices), the stored contents are recorded using copyright protection technology. Such protected contents will be unplayable on any other devices (such as this Hi-Fi system).
- Compatibility of the USB connection on this product:
 - a) This product supports most USB Mass storage devices (MSD) that are compliant to the USB MSD standards.
 - i) Most common Mass storage class devices are flash drives, memory sticks, jump drives and etc.
 - ii) If you see a "Disc Drive" show up on your computer after you plugged the mass storage device into your computer, most likely it is MSD compliant and it will work with this product.
 - b) If your Mass storage device required a battery/power source. Please make sure you have a fresh battery in it or charge the USB device first and then plug it into the product again.

– Supported Music type:

- a) This device only supports unprotected music with the following file extension:
 - .mp3
 - .wma
- b) Music bought from on-line music stores are not supported because they are secured by Digital Rights Management protection (DRM).
- c) File name extensions that end with the following are not supported:
 - .wav; .aac and etc.
- No Direct connection can be made from Computer USB port to the product even you have either or both mp3 or wma files in your computer.

Supported formats:

- USB or memory file format FAT12, FAT16, FAT32 (sector size: 512 bytes)
- MP3 bit rate (data rate): 32-320 Kbps and variable bit rate
- WMA v9 or earlier
- Directory nesting up to a maximum of 8 levels
- Number of albums/ folders: maximum 99
- Number of tracks/titles: maximum 999
- ID3 tag v2.0 or later
- File name in Unicode UTF8 (maximum length: 128 bytes)

The system will not play or support the following:

- Empty albums: an empty album is an album that does not contain MP3/WMA files, and will not be shown in the display.
- Non-supported file formats are skipped. This means that e.g.: Word documents .doc or MP3 files with extension .dlf are ignored and will not be played.
- AAC, WAV, PCM audio files
- DRM protected WMA files
- WMA files in volatile bit rate format

How to transfer music files from PC to a USB mass storage device

By dragging and dropping music files, you can easily transfer your favorite music from PC to a USB mass storage device.

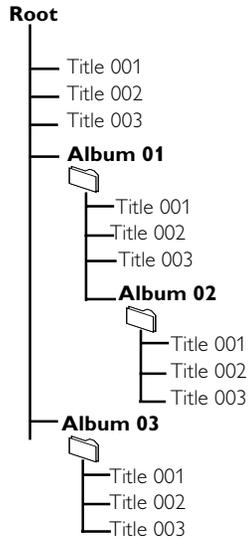
For the flash player, you can also use its music management software for the music transfer.

However, those WMA files may be unplayable for compatibility reasons.

External Sources

How to organize your MP3/WMA files on the USB mass storage device

This Hi-Fi system will browse the MP3/WMA files in the folders/sub-folders/titles order.
Example:



Organize your MP3/WMA files in different folders or subfolders as required.

Notes:

- If you have not organized MP3/WMA files into any albums on your disc, an album "00" will be automatically assigned for all those files.
- Make sure that the file names of MP3 files end with .mp3. and the file names of WMA files end with .wma.
- For DRM protected WMA files, use Windows Media Player 10 (or later) for conversion. Visit www.microsoft.com for details about Windows Media Player and WM DRM (Windows Media Digital Rights Management).

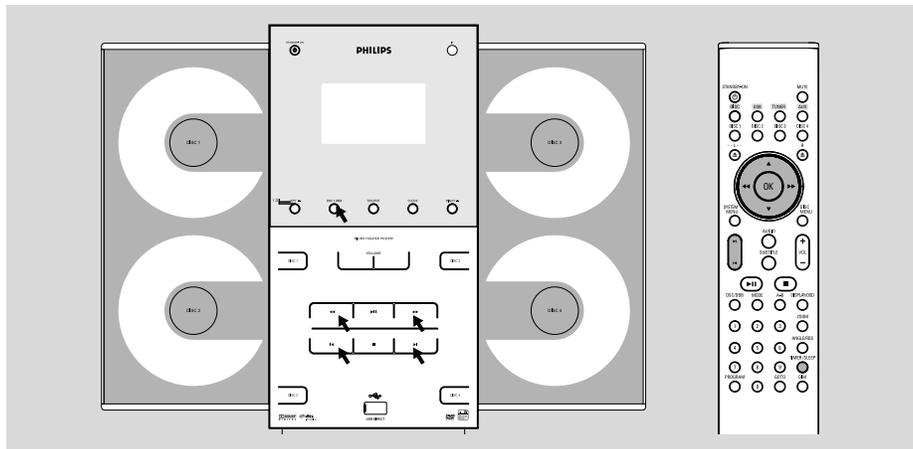
- 1 Check the USB device has been properly connected. (See Installation: Connecting an additional appliance).
- 2 Press **SOURCE** once or more to select USB (or **USB** on the remote control).
No AUDIO appears if no audio file is found in the USB device.

- 3 Play the USB's audio files as you do with the albums/tracks on a CD (See Disc Operations).

Notes:

- For compatibility reasons, the album/track information may differ from what it is displayed through flash players' music management software.

Timer



Timer setting

The system can switch on to DISC, USB or TUNER mode automatically at a preset time, serving as an alarm to wake you up.

IMPORTANT!

- Before setting the timer, ensure that the clock has been set correctly. See “Preparations - Step 2: Setting the clock” for details.
- Timer setting can be activated only in the standby mode.

- 1 Press and hold **TIMER/SLEEP** on the remote control to select timer mode.
 - The last timer setting starts flashing.
 - The selected source will be lighted.
- 2 Press **SOURCE (DISC, USB or TUNER)** on the remote) to select the desired source.
 - You can press **DISC 1/2/3/4** to select the specific disc you would like to play.
 - Before setting timer, make sure the music source has been prepared.
 - DISC** – Load the disc(s). To start from a specific track, make a program (refer to “Disc Operations - Program”).
 - USB** – Correctly insert a USB mass storage device.
 - TUNER** – tune to the desired radio station.
- 3 Press **◀▶** repeatedly to set the hour for the timer to start.

- 4 Press **◀▶** repeatedly to set the minute for the timer to start.
- 5 Press **TIMER/SLEEP** on the remote control to store the start time.
 - At the preset time, the selected source will play.

To exit without storing the setting

- Press **■** on the system.

Notes:

- When the preset time is reached and the selected disc tray is empty, the next available disc will be selected. If all the disc trays are not available, Tuner will be selected automatically.
- During timer setting, if no button is pressed within 90 seconds, the system will exit timer setting mode automatically.

To deactivate the TIMER

- Press **TIMER/SLEEP** on the remote control.
 -  will disappear from the display.

To activate the TIMER

- Press **TIMER/SLEEP** on the remote control.
 -  will appear on the display.

Clock/Timer

English

Sleep timer setting

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

- 1 Press **TIMER/SLEEP** on the remote control repeatedly to select a preset time.
→ The selections are as follows (time in minutes):
15 → 30 → 45 → 60 → 90 → 120 → OFF → 15 ...
- 2 When you reach the desired length of time, stop pressing **TIMER/SLEEP**.
→ **ZZZ** is shown, except for "OFF" mode.
→ The sleep timer is now set.

To check the remaining length of time after sleep timer is activated

- Press **TIMER/SLEEP** once.

To change the preset sleep timer

- Press **TIMER/SLEEP** again while the remaining sleep timer is shown.
→ The display will show the next sleep timer options.

To deactivate the sleep timer

- Press **TIMER/SLEEP** repeatedly until "OFF" is displayed, or press **STANDBY-ON** .

Note:

- **ZZZ** will start flashing when the remaining length of time after activation of the sleep timer is less than 1 minute.

Specifications

AMPLIFIER

Output power 140 W RMS
 Signal-to-noise ratio ≥ 60 dBA
 Frequency response 150 – 20000 Hz, ± 3 dB
 Input sensitivity AUX 0.5 V (max. 2 V)
 Impedance loudspeakers 6 Ω
 Impedance headphones 32 Ω -1000 Ω

DVD PLAYER

Laser Type Semiconductor
 Disc Diameter 12cm / 8cm
 Video Decoding MPEG-2 / MPEG-1
 Video DAC 10 Bits
 Signal System PAL / NTSC
 Video Format 4:3 / 16:9
 Video S/N 56 dB (minimum)
 Composite Video Output 1.0 Vp-p, 75 Ω
 Audio DAC 24 Bits / 96 kHz
 Frequency Response 4 Hz - 20 kHz (44.1kHz)
 4 Hz - 22 kHz (48kHz)
 4 Hz - 44 kHz (96kHz)
 Digital Output
 SPDIF (Sony Philips digital interface) Coaxial
 Number of programmable tracks 20
 Signal-to-noise ratio ≥ 60 dBA
 Channel separation ≥ 40 dB (1 kHz)
 Total harmonic distortion $< 0.1\%$ (1 kHz)

USB PLAYER

USB 12Mb/s, V1.1
 support MP3 and WMA files
 Number of albums/folders maximum 99
 Number of tracks/titles maximum 999

TUNER

FM wave range 87.5 – 108 MHz
 Sensitivity at 75 Ω
 – mono, 26 dB signal-to-noise ratio 2.8 μ V
 – stereo, 46 dB signal-to-noise ratio 61.4 μ V
 Tuning grid 9/10 kHz
 Selectivity ≥ 15 dB
 Total harmonic distortion $\leq 5\%$
 Frequency response 40 – 5000 Hz (-6 dB)
 Signal-to-noise-ratio ≥ 58 dBA

SPEAKERS

Front Speakers

Impedance 6 Ω
 Sensitivity 80 \pm 4dB
 Frequency response 150Hz-20kHz
 Dimensions ... 171 (W) x 297 (H) x 89 (D) mm
 Weight 1.265 kg/each

Subwoofer

Subwoofer (not magnetically shielded design)
 8"
 Impedance 8 Ω
 Output power 80 W
 Dimensions (w x h x d)
 220 mm x 350 mm x 357 mm
 Weight 9.66 kg

GENERAL INFORMATION

AC Power 110 – 127 / 220 – 240V;
 50/60 Hz Switchable
 Dimensions (w x h x d) .. 450 x 335 x 115 (mm)
 Weight (with/without speakers) 5.63 / 3.1 kg
 Standby power consumption ≤ 4 W

Specifications and external appearance are subject to change without notice.

Troubleshooting

English

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.	<ul style="list-style-type: none">✓ Check if the AC power cord is properly connected.
"NO DISC" is displayed.	<ul style="list-style-type: none">✓ Check if the disc is inserted upside down.✓ Wait until the moisture condensed at the lens has cleared.✓ Replace or clean the disc, see "Maintenance".✓ Use a readable disc or correctly recorded format MP3-CD.
No picture.	<ul style="list-style-type: none">✓ Select the appropriate video input mode on the TV set.✓ Check if the TV set is switched on.✓ Check the video connection.✓ Check if the system is securely connected.✓ If the progressive scan feature is activated but the connected TV does not support progressive signals or the cables are not connected accordingly, see "Preparations-Setting up Progressive Scan feature" for proper progressive scan setup.
Distorted or poor picture.	<ul style="list-style-type: none">✓ Sometimes a slight 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 shape.	<ul style="list-style-type: none">✓ The aspect ratio is fixed on the DVD disc.✓ The aspect ratio may not be changed for some TV systems.

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Troubleshooting

English

Problem	Solution
The DVD player does not start playback.	<ul style="list-style-type: none"> ✓ Insert a readable disc. ✓ Check the disc type, color system and region code. ✓ Clean the disc. ✓ Place the disc with the playback side inwards. ✓ Press SYSTEM MENU to turn off the setup menu. ✓ Cancel the parental control rating function or change the rating level. ✓ Moisture has condensed inside the system. Remove the disc and leave the system turned on for about an hour.
The DVD player does not respond when buttons are pressed.	<ul style="list-style-type: none"> ✓ Disconnect the power plug from the jack, and insert again.
The language for the sound or subtitle cannot be changed when playing a DVD.	<ul style="list-style-type: none"> ✓ Multi-language sound or subtitle is not recorded on the DVD. ✓ Changing the language for the sound or subtitle is prohibited on the DVD.
No image is output when a function is selected.	<ul style="list-style-type: none"> ✓ Make sure the component is connected correctly. ✓ Press the correct function button for the input source.
Sound cannot be heard or is of poor quality	<ul style="list-style-type: none"> ✓ Adjust the volume. ✓ Check that the speakers are connected correctly. ✓ Check if the stripped speaker wire is clamped. ✓ If the system is in pause, slow motion or fast forward/reverse mode, press ►► to resume the normal play mode. ✓ Make sure the MP3-CD was recorded within 32-256 kbps bit rate with sampling frequencies at 48 kHz, 44.1 kHz or 32 kHz. ✓ Ensure that the DTS disc also supports Dolby Digital output.
Poor radio reception.	<ul style="list-style-type: none"> ✓ 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 set or VCR.

Troubleshooting

Problem	Solution
Left and right sound outputs are reversed.	✓ Check the speaker connections and location.
The remote control does not function.	✓ Point the remote control at the remote control sensor of the unit. ✓ Reduce the distance to the player. ✓ Remove any possible obstacles. ✓ Replace the batteries with new ones. ✓ Check that the batteries are loaded correctly.
The timer is not working	✓ Set the clock correctly.
The Clock/Timer setting is erased	✓ Power has been interrupted or the power cord has been disconnected. Reset the clock/timer.
Some files on the USB device are not displayed.	✓ Check if the number of folders exceeds 99 or the number of titles exceeds 999.

English

Glossary

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

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

AUDIO OUT Jacks: Jacks on the back of the DVD System that send audio to another system (TV set, 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 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 set that has Component Video In jacks (R/G/B, Y/Pb/Pr, etc.).

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

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

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 and center).

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

JPEG: 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, "MPE" is the abbreviation of Motion Picture Experts Group 1 (or MPEG-1) Audio Layer 3. Through the MP3 format, one CD-R or CD-RW can contain about 10 times as much data volume as a regular CD can.

Multichannel: DVD is specified to have all sound tracks constitute one sound field. Multichannel refers to a structure of sound tracks having three or more channels.

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

PCM (Pulse Code Modulation): A system for converting analog sound signal to digital signal for later processing without data compression.

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

Progressive Scan (P-Scan): It displays all the horizontal lines of a picture at one time, as a signal frame. This system can convert interlaced video from DVD into progressive format for connection to a progressive display. It dramatically increases the vertical resolution. A progressive scan TV set is needed to receive progressive scan output from the system.

Region code: A system allowing discs to be played only in preset regions. This unit will only play discs that have compatible region codes. You can find the region code of your unit from 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 luminance and the color. You can use S-Video only if your TV set has S-Video In jack.

Sampling Frequency: Frequency of data sampling when analog data is converted to digital data. Sampling frequency numerically represents how many times the original analog signal is sampled per second.

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

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

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

Appendix

English

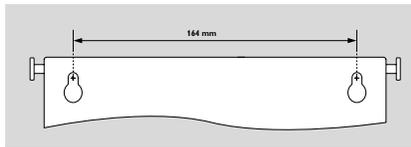
How to mount your system onto wall

IMPORTANT!

- The wall mounting instructions are for use by the qualified wall mounting person only!
- Ask a qualified person to help you with the wall mounting, which includes drilling holes on the wall and mounting the set onto wall.

What's in the supplied mounting kit

1 x template



6 x screws and dowels



2 x speaker brackets

What else you'll need

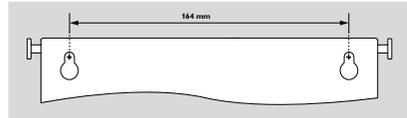
- Drilling tools (e.g. an electric drill)

Preparation

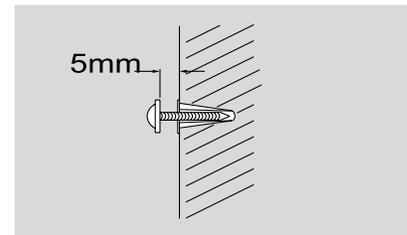
- 1 Find a suitable location for mounting and complete necessary rear connections (see **Preparations**).
- 2 Ask a qualified person to help you with the wall mounting, who should:
 - to avoid unexpected damage, learn about the piping, wiring and other relevant information inside your wall;
 - according to the drilling requirements, choose suitable drilling tools;
 - take other precautions necessary for the wall mounting work.

Mounting your main unit onto wall

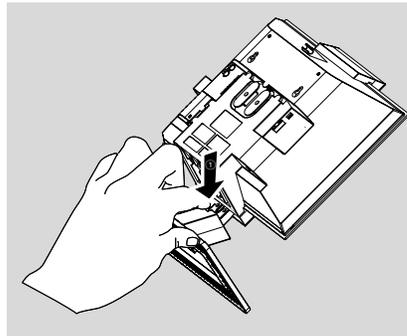
- 1 Align the template in the chosen location on a wall. Use a pencil to mark the drilling positions (as shown).



- 2 Drill two 6mm diameter holes as marked.
- 3 Secure the dowels and screws in the holes respectively, leaving the screws 5mm proud of the wall.



- 4 To detach the stand from the main unit,
 - a. As shown, hold down **PRESS**.
 - b. Move out the stand to detach.



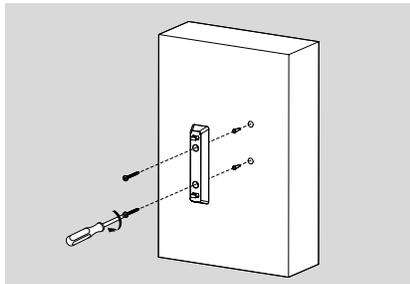
- 5 Hang the main unit on the fastening screws.

Appendix

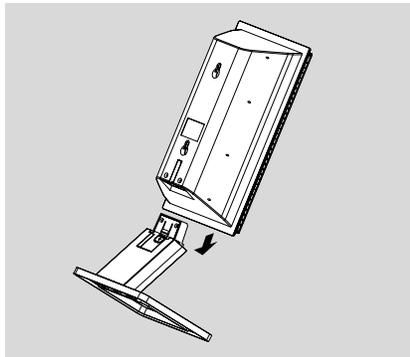
Mounting your speakers onto wall

The supplied speaker brackets enable you to mount your speakers onto wall too.

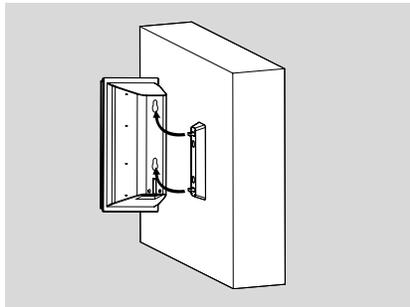
- 1 Position the brackets on the wall where you want to hang the speakers one by one. Drill 2 holes slightly undersized for each bracket to ensure a firm fit.
- 2 Secure each bracket on the wall using 2 dowels and 2 screws (supplied).



- 3 Detach the speaker stands in the same way as you do the main unit stand.



- 4 Hang the speakers on the brackets securely.

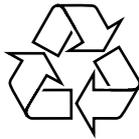




Meet Philips at the Internet
<http://www.philips.com>

English

中文



MCD299



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