DVD Mini Hi-Fi System

FWD18

Register your product and get support at

www.philips.com/welcome

User manual

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Laser safety
This unit employs a laser. Due to possible eye injury, only a qualified service person should remove the cover or attempt to service this device.

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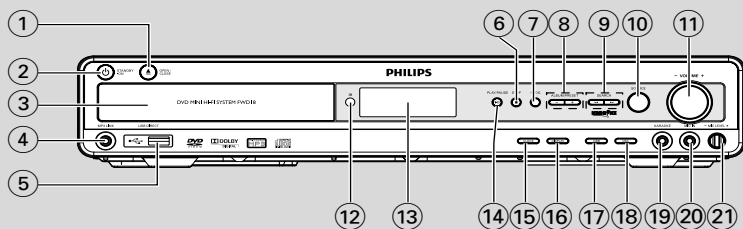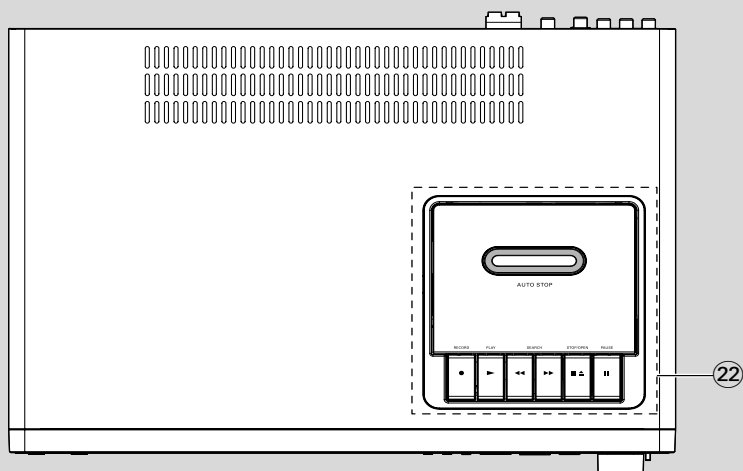**Use of controls or adjustments or performance of procedures other than herein may result in hazardous radiation exposure or other unsafe operation.**

CAUTION
– Attention should be drawn to the environmental aspects of battery disposal.
– The use of apparatus in tropical climates.

AUTO STOP

RECORD   PLAY   SEARCH   STOP/OPEN PAUSE

PHILIPS

DVD MINI HI-FI SYSTEM FWD18

3

STANDBY-ON ⏻ MUTE OPEN/CLOSE ⏏

1 2 3
4 5 6
7 8 9
PROG 0 GOTO

ALBUM/PRESET DISC USB/MP3 LINK VOL
+ +
TUNER TAPE/AUX
− −

SYSTEM MENU DISC MENU

OK

DSC DBB

■ ▶ ❙❙

◀◀ ▶❙ ◀◀ ▶▶

ANGLE REPEAT A-B SHUFFLE
TIMER TIMER SLEEP DISPLAY
ON/OFF
AUDIO SUBTITLE ZOOM RETURN

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Contents

Contents

Congratulations on your purchase and welcome to Philips!
To fully benifit from the support that Philips offers, register your product at www.philips.com/welcome.

IMPORTANT!
PLEASE NOTE THAT THE VOLTAGE SELECTOR LOCATED AT THE BOTTOM OF THIS SYSTEM IS PRESET AT 220V FROM THE FACTORY. FOR COUNTRIES THAT OPERATE AT 110V-127V, PLEASE ADJUST TO 110V-127V BEFORE YOU SWITCH ON THE SYSTEM.

Features

Your DVD system with 2.0-channel full analog 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 and stereo.

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

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.

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)
– Super Video CDs (SVCDs)
– Digital Video Discs + Rewritable (DVD+RW)

– Compact Discs (CDs)
- Picture (Kodak, JPEG) files on CDR(W)
– Supported MP3-CD format.
• ISO 9660 / UDF format
• Max. title/album name –12 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).
– Following formats can't be supported
• The files like *.VMA, *.AAC, *.DLF, *.M3U, *.PLS, *.WAV
• Non-English Album/Title name
• The discs recorded under Joliet format

Region codes

DVDs must be labeled for **ALL regions** or for **Region 3** in order to play on this 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.

Supplied accessories
– Composite video cable (yellow)
– Audio cable
– AC power cord
– Remote Control
– This instruction booklet and a Quick Start Guide.

General Information

Environmental information

Any 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

● The apparatus shall not be exposed to dripping or splashing.
● No objects filled with liquids, such as vases, shall be placed on the apparatus.
● Do not expose the system, batteries or discs to humidity, rain, sand or excessive heat (caused by heating equipment or direct sunlight). Always keep disc trays closed to avoid dust buildup on the lens.
● No naked flame sources, such as lighted candles, should be placed on the apparatus.

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 15 cm (6 inches) of free space all around the player for adequate ventilation.
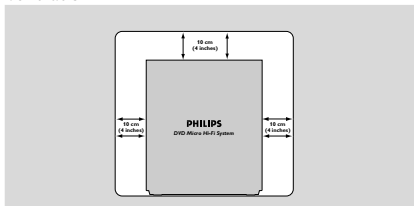
● The ventilation should not be impeded by covering the ventilation openings with items, such as newspapers table-cloths, curtains, etc.

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 CD, 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 CDR(W) and only with a soft felt-tipped pen.
● Handle the disc by its edge. Do not touch the surface.

Cleaning the disc lens

● After prolonged use, dirt or dust may accumulate at the disc lens. To ensure good playback quality, clean the disc lens with Philips CD Lens Cleaner or any commercially available cleaner. Follow the instructions supplied with cleaner.

Finding a suitable location

● Place the player on a flat, hard, stable surface.

Cleaning the head and the tape paths

● To ensure good recording and playback quality, clean the head Ⓐ, the capstan(s) Ⓑ, and pressure roller(s) Ⓒ after every 50 hours of tape operation.
● Use a cotton swab slightly moistened with cleaning fluid or alcohol.
● You also can clean the head by playing a cleaning tape once.

Demagnetising the head

● Use a demagnetising tape available at your dealer.
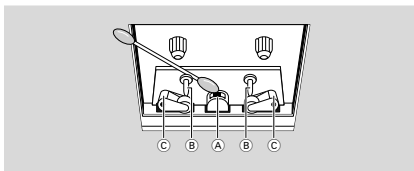
● Install this unit near the AC outlet and where the AC Power can be reached easily.
● Where the MAINS plug or an appliance coupler is used as the disconnect device, the disconnet device shall remain readily operable.
● To disconnect the system from the power supply completely, remove the AC power plug from the wall sockets.
● Batteries (battery pack or batteries installed) shall not be exposed to excessive heat such as sunshine, fire or the like.

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Controls on the system

(1) **OPEN•CLOSE** ⏏
– to open or close the disc tray.

(2) **STANDBY-ON** ⏻
– switches the set on/off.

(3) **Disc tray**

(4) **MP3 LINK**
– connects an external audio source.

(5) **USB port**
– connects an external USB mass storage device.

(6) **STOP** ■
– In DISC mode, to stop playback or to clear a program.

(7) **PROG**
– in TUNER mode, to program preset radio stations.

(8) **ALBUM/PRESET -/+**
– MP3/WMA: selects albums.
– TUNER: selects a preset radio station.

(9) **SEARCH** ⏮ /⏭
– in disc mode, press to skip to the previous/next chapter/track.
– in TUNER mode, press to manually search for radio stations.

(10) **SOURCE**
– to select sound source for functions: DISC, USB, TUNER, TAPE, AUX, MP3 LINK.

(11) **VOLUME**
– to adjust master volume level

(12) **iR**
– point the remote control towards this sensor

(13) **LCD DISPLAY**
– to view the current status of the system.

(14) **PLAY/PAUSE** ▶II
– to start or interrupt playback.

(15) **CLOCK**
– sets the system clock.

(16) **DISPLAY**
– displays the disc information on the TV screen.

(17) **DBB**
– enables or disables bass enhancement.

(18) **DSC**
– selects different types of preset sound equalizer settings (OPTIMAL, JAZZ, ROCK, or TECHNO).

(19) **KARAOKE**
– jack to connect microphones

(20) **MIC IN**
– jack to connect microphones

(21) **MIC LEVEL -/+**
– Adjusts the microphone volume level.

(22) **Cassette recorder keys**
   II
– to pause playback or recording
   ■ / ⏏
– to stop the tape
– to open the cassette compartment
   ◀◀ / ▶▶
– to fast winds/rewinds tape
   ◀
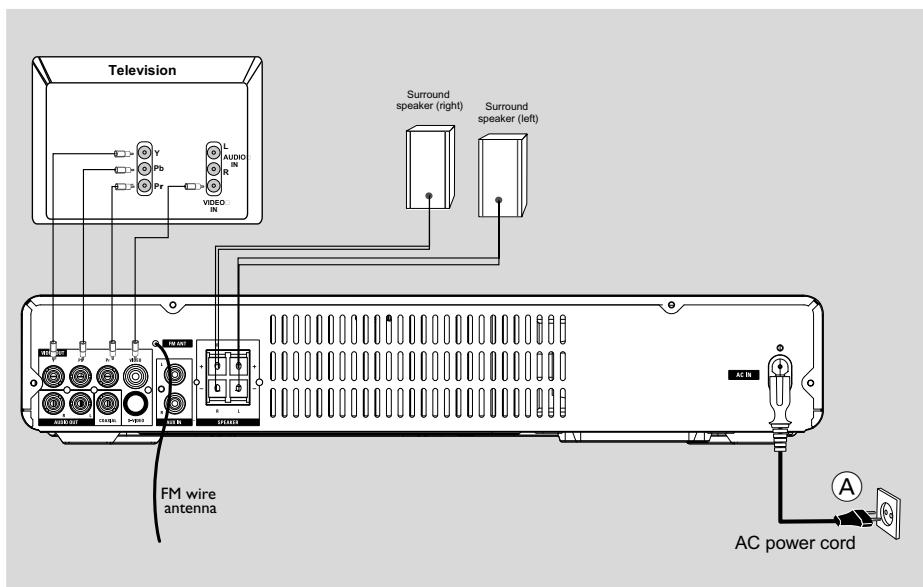– to start playback
   ●
– to start recording

Functional Overview

Remote control

① **MUTE**
– to interrupt or resume sound reproduction.

② **OPEN•CLOSE ▲**
– to open or close the disc tray.

③ **Numeric Keypad (0-9)**
– to enter a track/title/file number or exact point of the disc
– to enter password

④ **GOTO**
– to start playback at any chosen time on the disc

⑤ **VOL +/-**
– adjusts the volume upward/downward.

⑥ **DISC MENU (disc mode only)**
– DVD/VCD: enters or exits the disc contents menu.
– DVD: press and hold to return to TITLE.
– in VCD/SVCD mode, to select PBC ON or PBC OFF.

⑦ **▲ / ▼ / ◄ / ►**
– to select movement direction in disc contents menu/system menu bar.
– in JPEG disc mode, to rotate the picture for viewing.
   ◄ / ►
– moves an enlarged picture up/down/left/right
   OK
– to exit or confirm the selection.

⑧ **DBB**
– enables or disables bass enhancement.

⑨ **II**
– In DISC/USB mode, to interrupt playback.

⑩ **I◄/►I ◄◄ / ►►**
– Disc: skips to the previous/next chapter/title/ track.
– Tuner: selects a preset radio station.
   ◄◄ / ►►
– in disc mode, press and hold to fast reverse/ forward the disc

⑪ **A-B**
– to repeat a specific section within a chapter/track

⑫ **SHUFFLE**
– to play tracks in a random order

⑬ **SLEEP**
– sets the sleep timer function (auto-off).

⑭ **DISPLAY**
– displays the disc information on the TV screen.

⑮ **RETURN**
   for VCD 2.0 ...... to return to the disc menu if available during playback.
   for DVD .... to return to the previously selected menu.

⑯ **ZOOM**
– to zoom in or zoom out picture.

⑰ **STANDBY-ON ⏻**
– switches the set on/off

⑱ **PROG**
– DVD/VCD/CD/MP3-CD: enters the program menu in STOP position.
– in TUNER mode, to program preset radio stations.

⑲ **Source (DISC, USB/MP3 LINK, TUNER, TAPE/AUX)**
– to select sound source for functions: DISC, USB, TUNER, TAPE, AUX, MP3 LINK.

⑳ **ALBUM/PRESET -/+**
– MP3/WMA: selects albums.
– TUNER: selects a preset radio station.

㉑ **SYSTEM MENU (DISC/USB mode only)**
– to enter or exit the system menu bar.

㉒ **DSC**
– selects different types of preset sound equalizer settings (OPTIMAL, JAZZ, ROCK, or TECHNO).

㉓ **►**
– In DISC/USB mode, to start playback.

㉔ **■**
– In DISC/USB mode, to stop playback or to clear a program.

㉕ **REPEAT**
– to play tracks repeatedly.

㉖ **ANGLE**
– selects a DVD camera angle.

㉗ **TIMER ON/OFF**
– sets the timer on/off.

㉘ **TIMER**
– sets a time for switching on the system.

㉙ **AUDIO**
– to select preferred language for audio.
– to select an audio mode when playing a SVCD/ VCD disc with different channels recorded.

㉚ **SUBTITLE**
– to select desired DVD subtitle.
   Notes:
   – 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 (I◄, ►I or ► for example).

Television

Surround speaker (right)

Surround speaker (left)

Y
Pb
Pr

L
AUDIO
IN
R

VIDEO
IN

AC IN

FM wire antenna

A

AC power cord

Rear connections

The type plate is located at the rear of the system.

A **Power**

Before connecting the AC power cord to the wall outlet, ensure that the following are done;
– If your system is equipped with a Voltage Selector, set the VOLTAGE SELECTOR to the local power line voltage.
– All other connections have been made.

◄ | ►
110-127V | 220-240V
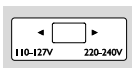
WARNING!
– For optimal performance, use only the original power cable.
– Never make or change any connections with the power switched on.

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)**.**

Connections

English

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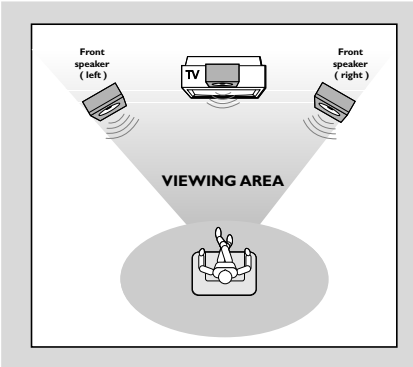
Place the front left and right speakers at equal distances from the TV set and at an angle of approximately 45 degrees from the listening position.

Notes:

– To avoid magnetic interference, do not position the front speakers too close to your TV set.
– Allow adequate ventilation around the DVD System.

Connecting speakers
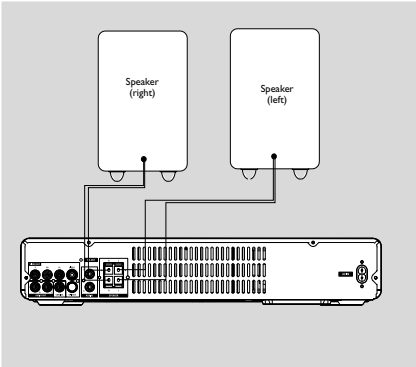
Connect the speaker wires to the SPEAKERS terminals, right speaker to "**R**" and left speaker to "**L**", coloured (marked) wire to "**+**" and black (unmarked) wire to "**–**". Fully insert the stripped portion of the speaker wire into the terminal as shown.

Speakers	⊖	⊕
Front Left (L)	**Black**	**Red**
Front Right (R)	**Black**	**Red**

Notes:

– For optimal sound performance, use the supplied speakers.

– Do not connect more than one speaker to any one pair of +/- speaker terminals.

– Do not connect speakers with an impedance lower than the speakers supplied. Please refer to the SPECIFICATIONS section of this manual.

Connecting TV set

IMPORTANT!
– To set the VIDEO OUT (put) to 'Y Pb Pr', (see Setting video preference).

IMPORTANT!
– You only need to make one video connection from the following options, according to the capabilities of your TV system.
– Component Video connection provides higher picture quality. These options must be available on your TV set.
– Connect the system directly to the TV set.

Using Video In jack (CVBS)

● Use the composite video cable (yellow) to connect the system's **VIDEO OUT** jack to the video input jack (or labeled as A/V In, Video In, Composite or Baseband) on the TV set.
● To hear the sound of this DVD Player through your TV, use the audio cables (white/red-not supplied) to connect **AUDIO OUT (L/R)** jacks of the DVD Player to the corresponding AUDIO IN jacks on the TV.

Using component Video In jack (Pr Pb Y)

● Use the component video cables (red/blue/green, not supplied) to connect the system's **PR/PB/Y** jacks to the corresponding Component video input jacks (or labeled as Pr/Cr Pb/Cb Y or YUV) on the TV set.
● To listen to TV channels through this system, use the audio cables (white/red) to connect **AUX IN (L/R)** jacks to the corresponding AUDIO OUT jacks on the TV set.

Notes for progressive scan video:
– The progressive scan video quality is only possible when using Y Pb Pr, and a progressive scan TV is required.
– 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's Progressive Scan function, see "System Menu Operations - Setting up Progressive Scan feature".
– If your TV does not support Progressive Scan, you will not be able to view the picture. Turn off progressive scan in the system setup menu.

Connections
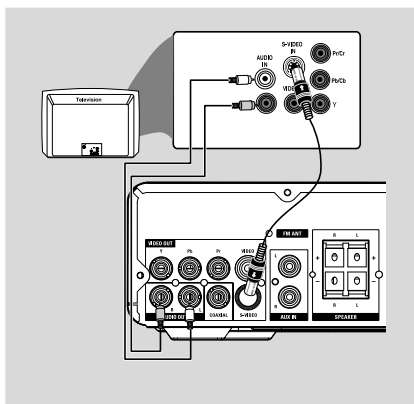
IMPORTANT!
– If the picture is distorted, check the Video Output setting. Make sure it is set to 'S-Video'. (See Setting video preference).

Using S-Video In jack

● Use the S-Video cable (not supplied) to connect the system's **S-VIDEO** jack to the S-Video input jack (or labeled as Y/C or S-VHS) on the TV set.

Connecting digital audio equipment
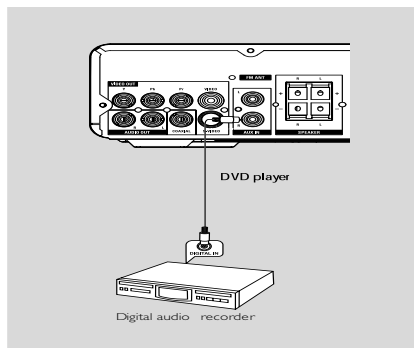
Recording (digital)

Connect the system's COAXIAL (digital out) jack to the DIGITAL IN jack on a digital recording device (DTS-Digital Theater System compatible, with a Dolby Digital decoder, for example).

Before operation, set AUDIO OUT according to the audio connection.

Connecting the power cord
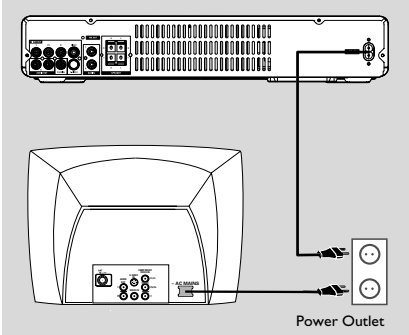
Power Outlet

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

After everything is connected properly, plug in the AC power cord to the power outlet.

Preparations

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

Step 1: Inserting batteries into the remote control
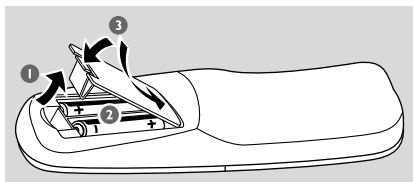
❶ Open the battery compartment.

❷ Place two batteries (Type R03 or AAA, not supplied) in the compartment with the correct polarity as indicated by ''+'' and ''–'' symbols.

❸ Close the cover.

Using the remote control to operate the system

❶ Point the remote control directly at the remote sensor (iR) on the front pane.

❷ Then select the desired function (for example ⏮, ⏭).
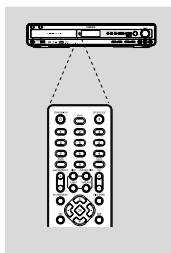
CAUTION!
– Remove batteries if they are exhausted or will not be used for a long time.
– Do not use old and new or different types of batteries in combination.
– Batteries contain chemical substances, so they should be disposed of properly.

Step 2: Setting the clock

❶ Go to Standby mode.

❷ Press and hold **CLOCK** on the front panel.
➜ The hour digits flash on the display screen.

❸ Turn the **VOLUME -/+** control on the front panel or press **VOL +/-** on the remote to set the hours.

❹ Press **CLOCK** again.
➜ The minute digits flash on the display screen.

❺ Turn the **VOLUME -/+** control on the front panel or press **VOL +/-** on the remote to set the minutes.

❻ Press **CLOCK** to confirm the clock setting.

Notes:
– This system only supports 24-hour mode.
– The clock setting will be erased when the system is disconnected from the power supply.

Setting the TV set

**IMPORTANT!**
– Make sure you have completed all the necessary connections.

❶ Press **SOURCE** repeatedly on the set or press **DISC** on the remote control to select disc mode.

❷ Turn on the TV set and set to the correct Video-In channel. You should see the blue Philips DVD background screen on the TV set.
➜ You may go to channel 1 on your TV set, then press the channel down 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.

Selecting the color system that matches your TV set

This DVD system is compatible with both NTSC and PAL. For the playback of a DVD disc on this DVD system, the color systems of the DVD, TV set and DVD system should match.

① In disc mode, press **SYSTEM MENU**.

② Select **SYSTEM SETUP** ✖ icon and press ▼.

③ Press ▲ / ▼ keys on the remote control to toggle through the functions and select your preferred option.
➜ Move to "TV System" and press ►.

NTSC
– Select this if the connected TV set is NTSC system. It will change the video signal of a PAL video disc and output to NTSC system.

PAL
– Select this if the connected TV set is PAL system. It will change the video signal of an NTSC disc and output to PAL format.

AUTO
– Select this if the connected TV set is compatible with both NTSC and PAL (multi system). The output format will be consistent with the video signal of the disc.

④ Select an item and press **OK**.

To remove the menu
Press **SYSTEM MENU**.

Setting language preference

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

① In disc mode, press **SYSTEM MENU**.

② Select **LANGUAGE SETUP** icon and press ▼.

③ Press ▲ / ▼ keys on the remote control to select your preferred option.
➜ Move to one of the following and press ►.
– **OSD LANGUAGE**
– **MENU LANGUAGE**

④ Press ▲ / ▼ to select a language and press **OK**.

⑤ Repeat **steps 3~4** for other settings.

To remove the menu
Press **SYSTEM MENU**.

Basic Opeations

Basic function

Switching the system on

● Press **STANDBY-ON** ⏻.
  → The system will switch to the last selected source.
● Press **DISC**, **USB/MP3 LINK, TUNER** or **TAPE/AUX** on the remote).

Switching the system to Standby mode

● Press **STANDBY-ON** ⏻ in the active mode.
  → The system enters standby mode with clock display.

● The volume level (up to a maximum volume level of 12), interactive sound settings, last selected mode, 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 **DBB** on the remote twice 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 **DSC** on the remote repeatedly to select: OPTIMAL, JAZZ, ROCK, or TECHNO.

Volume control

Turn the **VOLUME** control on the set or **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 "MUTE" appears.

● To activate sound reproduction, you can:
  – press **MUTE** again;
  – adjust the volume controls;
  – change source.

Karaoke

Connecting a microphone (not supplied) to the system allowing you to sing along with the music source.

❶ Connect microphone(s) to the **KARAOKE** jack or/and the **MIC IN** jack.
● Before connecting the microphone, set the microphone **MIC LEVEL +/-** to the minimum level to prevent howling sound.
❷ Press **SOURCE** repeatedly on the set or **DISC** on the remote control to select the source to be mixed and start playback.
❸ Adjust the volume level of the source with the master **VOLUME** control.
❹ Adjust the microphone volume with the microphone **MIC LEVEL +/-** control.
❺ To set the echo level, press **SYSTEM MENU** on the remote, and then select **AUDIO SETUP** > **ECHO**.

Note:
– Keep the microphone away from the speakers to prevent howling.
– The ECHO can be set only when MIC SETUP is set to AUTO.

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 on the disc tray. Doing so may cause the disc player malfunction.

– If "INVALID KEY" 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.

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 **OPEN•CLOSE** ⏏ to open the disc door.

5 Load a disc with the print side facing up and close the disc door.

6 Playback will start automatically (depending on the disc type).
→ 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 "SYSTEM SETUP-PASSWORD".)

7 At any time, simply press ■ to stop playback.

Notes:
– Load discs with the label side facing up.
– To ensure good system performance, wait until disc reading is completed before proceeding.

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.

Disc Operations

Basic playback controls

To start playback
● Press ►II.

To interrupt playback
● Press ►II during the playback.
● To resume playback, press ►II again.

To stop playback
● Press ■.

Skipping to another title (track) /chapter

● Press I◄◄ / ►►I on the front panel or I◄/►I on the remote control repeatedly during playback to skip backward or forward. Each press will take the disc to the beginning of the previous or next title (track) / chapter.

Note:
– If the player has been set to repeat chapter (track), pressing this button will replay the same chapter (track) from its beginning.

To go directly to any title (track) / chapter

For CD/VCD(PBC off)/MP3
● Use the **numeric keys (0-9)** to enter the number of the desired track.

For DVD
● Please see "Moving to another title(track)/chapter".

Fast search

❶ Press and hold I◄◄ / ►►I on the front panel for more than 3 seconds or ◄◄ / ►► on the remote control to fast reverse or forward the disc. Repeat the step above to select another speed number.

❷ To resume normal play, press ►II.

Continuing playback from the last stop point

● In Pre-stop mode and before the disc is removed, press ►II to resume playback from where you have stopped.

To cancel the resume mode
● In the stop mode, press ■ again to fully stop the playback, press **OPEN•CLOSE** ▲ to open the disc door or press **SOURCE** to select other mode (for example: **TUNER, TAPE**)

Notes:
– Resume information will be erased if you have changed the disc, opened the disc cover, changed source or disconnected the system from the power supply.

Zoom (DVD/VCD/JPEG)

Zooming allows you to enlarge or reduce the video image during playback.
● Press **ZOOM** on the remote repeatedly to enlarge or reduce the playback video image.
● Press ◄/►/▲/▼ to pan across the TV screen.

Selecting various play modes

Repeat play mode

● Press **REPEAT** repeatedly to choose a repeat mode during playback.

For DVD - repeat chapter/title
● Press **REPEAT** repeatedly to select the following:
REPEAT CHAPTER ➜ REPEAT TITLE ➜ REPEAT OFF

For SVCD/VCD(PBC off) /CD - repeat track/disc
● Press **MODE** repeatedly to select the following:
REPEAT 1 ➜ REPEAT ALL ➜ REPEAT OFF

For MP3/WMA - repeat track/album/disc
● Press **MODE** repeatedly to select the following:
REPEAT 1 ➜ REPEAT DIR ➜ REPEAT ALL ➜ REPEAT OFF

Notes:
– For SVCD and VCD 2.0 discs, the Repeat function is not available when the PBC function is set to ON.

Shuffle play mode

In this mode, all tracks in the current directory will be played once in a random order.

❶ Press **SHUFFLE** repeatedly to select the following:
SHUFFLE ➜ SHUFFLE OFF

Disc Operations

In shuffle playback mode:

● Press ⏮◀◀ / ▶▶⏭ on the system or ⏮ / ⏭ on the remote control to select another track in a shuffle order.

To cancel Shuffle mode:

● Press ■.

Notes:

– When the disc cover is opened, the Shuffle function will be cancelled automatically.

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

❶ Press **A-B** at your chosen starting point.

❷ 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.

❸ To exit the sequence, press **A-B** again.
➜ "REP CANCEL" is displayed on the TV screen.

Programming favorite tracks

You can play the contents of the disc in the order you want. At most 16 tracks can be stored.

❶ Load the desired discs on the disc tray.

❷ While playback is stopped (by pressing ■ twice), press **PROG** on the remote control to enter program mode.
➜ "P01:0000" is displayed.

❸ Use the **numeric keys (0-9)** to input the track number in the order you want.

❹ Press **OK** to store the track.
● Repeat **steps 3-4** to store other tracks.
❺ Press **OK** to confirm.
❻ Press ▶II to play the program.

To Erase program

You can erase program by doing one of the following:
● During program playback, press ■ twice.
● Select other sources.
● Open the disc door.
➜ "PROG" disappears from the display.

Special DVD/VCD features

Changing subtitle language

This operation only works on DVDs with multiple subtitle languages.
● Press **SUBTITLE** to select the desired language.

Changing the picture scales

This operation only works on VCDs/DVDs/ JPEGs with images.
● Press **ZOOM** repeatedly to change the zooming scale:
ZOOM 2 → ZOOM 3 → ZOOM 4
→ ZOOM 1/2 → ZOOM 1/3 → ZOOM 1/4
→ ZOOM: OFF
● To turn off zooming, press **ZOOM** repeatedly until **ZOOM**: **OFF** appears.

Changing view angle

If the playing DVD disc is recorded with multiple camera angles , the ANGLE mark on the setup page will be set to ON automatically. This allows you to view the picture from different angles.
● Press **ANGLE** to select the desired angle: ANGLE 1/2/3.

Note:

– This function is not available for CD or MP3 disc.

Changing sound track language

This operation only works on DVD/SVCD with multiple audio languages.
● Press **AUDIO** to select the desired language.

For VCD:

● Press **AUDIO** to select the desired audio channels for sound. This function is only available for discs recorded with different channels:
VCD: STEREO → MONO L → MONO R → STEREO

Note:

– If your desired language is not set in the disc, you cannot select the language via this function.

Searching for a particular passage

❶ Press and hold ⏮◀◀ / ▶▶⏭ on the set (or press ◀◀ / ▶▶ on the remote control) to select fast reverse search or fast forward search respectively.

❷ Press and hold ⏮◀◀ / ▶▶⏭ on the set (or press ◀◀ / ▶▶ on the remote control) to select the required search speed:

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Disc Operations

(backward): BACKWARD X 2 ➝ BACKWARD
X 4 ➝ BACKWARD X 8 ➝ BACKWARD X
20 ➝ PLAY
(forward): FORWARD X 2 ➝ FORWARD X
4 ➝ FORWARD X 8 ➝ FORWARD X 20 ➝
PLAY

Displaying the disc information during playback

For DVDs:
● Press **DISPLAY** once, display bar appears showing the following display information: Disc format - the current title number and the total title number of disc - the current chapter number and the total chapter number of disc - the elapsed playback time of the disc.
● Press **DISPLAY** again to show the following display information:
The current audio language **-** subtitle language **-** view angle.
● Press **DISPLAY** the third time, the display bar disappears.

For CDs:
● Press **DISPLAY** once, display bar appears showing the following display information: Disc format - the current title number and the total track number of disc - mute icon - mode icon - the elapsed playback time of the disc.
● Press **DISPLAY** again, the display bar disappears.

For VCDs(PBC OFF)/MP3s:
● The display bar appears automatically to display the following display information: Disc format - the current title number and the total track number of disc - mute icon - PBC (PBC on)/mode icon (PBC off)- the elapsed playback time of the disc.
● Press **DISPLAY**, the display bar disappears.

Moving to another title/chapter and playing from a selected point

Some discs may contain more than one title or chapter. If the disc has a title or chapter menu recorded on it, you can start playback from the selected item. And **GOTO** function allows you to start playback at any chosen time on the disc.

❶ Press **GOTO** on the remote control to display the message of title and chapter, use ◀ / ▶ to highlight an item.

❷ Use **numeric keys (0-9)** to select a desired title/chapter number/an exact point to begin.

❸ Press **OK** to start playback.

Note:
– Selecting a title or chapter might not be possible on certain discs.
– In repeat disc or repeat all mode, you can search a desired time point.

IMPORTANT!
Some operations may be different or restricted according to the disc format. Refer to the jacket or case of the disc you are playing.

Note:
– When you press a button and appears on the TV screen, this means the function is not available on the current disc or at the current time.

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

● Press **DISC MENU** repeatedly on the remote control to toggle between PBC ON and PBC OFF.

Playing a disc with PBC function
● If PBC OFF, the system will start playback automatically.
● If PBC ON, the PBC menu (if available) will appear on the TV screen for selection. Use the **numeric keys (0-9)** to enter your choice.

Note:
– This function is not available for DVD, CD or MP3 disc.

Checking the contents of DVD

❶ Press **DISC MENU** on the remote control to go back to the root menu.

❷ Press ▲ / ▼ / ◄ / ► to select the desired title or chapter, and then press **PLAY ►** or **OK**.
→ Playback start from the selected title or chapter.

❸ Press **DISC MENU** on the remote control to go to disc menu of the disc.

Notes:
*– You can also press and hold **DISC MENU** to return to TITLE.*
– If no title menu or root menu is recorded in the DVD disc, pressing this button will restart playback from the first track.

Playing MP3/WMA disc

General operation

❶ Load an MP3/WMA disc.
→ A data disc menu appears on the TV screen and playback starts automatically from the first track.

❷ 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.
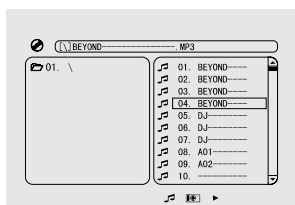
❸ Press ► to move to the track column on the right of the TV screen and then use ▲/▼ to highlight a track; or directly use the **Numeric Keypad (0-9)** to input a track number.

❹ 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 ►II repeatedly to pause/resume playback.

Disc Operations

Playing JPEG Picture CD

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

General operation

➊ Load a JPEG Picture CD.
➜ A data disc menu appears on the TV screen and (for a Kodak Picture CD) playback starts automatically from the first file.

➋ 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.

➌ 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.

➍ 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 ▶II repeatedly to pause/resume playback.

● Press ■ to stop playback and return to the disc content menu.

Notes:
– Due to the recording nature of Digital Audio MP3 (DAM), only digital audio music will play.
– It is normal to experience an occasional "skip" while you are listening to your MP3 discs.
– For multi-session discs with different formats, only the first session can be read and played.
– DISC MENU does not function during Kodak Picture disc playback.

System Menu Operations

English

Basic operations

❶ Press **SYSTEM MENU** to enter the Setup Menu.

❷ Press ◄ / ► to select a page to be set.

❸ Press ▲/▼ to highlight an option.

❹ Enter its submenu by pressing ► or **OK**.

❺ Move the cursor by pressing ▲/▼ to highlight the selected item.
➜ **In cases of value setting**, press ▲/▼ to adjust values.

❻ 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".

SYSTEM SETUP

The options included in SYSTEM SETUP page are: "TV SYSTEM", "SCREEN SAVER", "VIDEO", "TV TYPE", "PASSWORD", "RATING" and "DEFAULT".
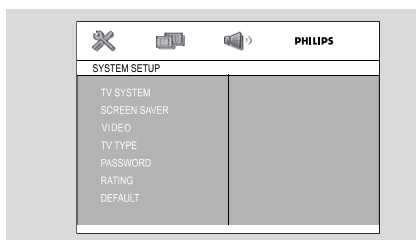
Setting the screen saver
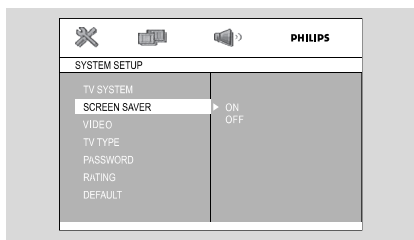
<u>ON</u>
If set to ON, the screen saver will be activated when you leave the system in stop or pause mode for 5 minutes. The default setting is ON.

<u>OFF</u>
If screen saver set to off, in any status, the screen saver will not activate.

Setting Video

Component selection enables you to choose the type of video output suitable for your DVD system.

❶ In disc mode, press **SYSTEM MENU**.

❷ Press ◄ / ► / ▼ / ▲ keys on the remote control to navigate in the menu.
➜ Move to "System Setup Page" and press ▼.
➜ Move to "VIDEO" and press ►.

INTERLACE-YUV
– Select this item if you have connected the Cb Cr Y output to your TV using Pb Pr Y jacks.

S-VIDEO
– Select this item if you have connected the S-VIDEO output to your TV using S-VIDEO jack.

P-SCAN YPBPR
– Select this item if you have connected the Pb Pr Y output to your TV using Pb Pr Y jack.

❸ Select an item and press **OK**.

To remove the menu
Press **SYSTEM MENU**.

System Menu Operations

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 "Connections: Connecting TV- Using Component Video jacks".)

❶ Turn on your TV.

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

❸ Press **STANDBY-ON** ⏻ to turn on the DVD player.

❹ Select the correct Video Input channel.
➜ The DVD background screen appears on the TV.

❺ Press **SYSTEM MENU**.

❻ Press ◀ ▶ repeatedly to select "**SYSTEM SETUP**".

❼ Select "**VIDEO**" to "**P-SCAN YPBPR**", and then press **OK** to confirm.
➜ The instruction menu appears on the TV.

❽ Press ◀ ▶ to highlight OK in the menu and press **OK** to confirm.

There will be a distorted picture on your TV at this state until you turn on the progressive scan mode on your TV.

❾ Turn on your TV progressive scan mode (refer to your TV user manual).
➜ The instruction menu appears on the TV.

❿ Press ◀ ▶ to highlight OK in the menu and press **OK** to confirm.
➜ The setup is complete now and you can start enjoy the high quality picture.

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

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

❷ Press **SYSTEM MENU** on the remote to exit the system menu and then **DISC** to exit progressive scan.
➜ The DVD blue background screen will appear.

Make sure the format you need is available on the disc. If not, your setting will be invalid.

4:3PS (Pan and Scan mode)
Select this if you have a conventional TV set and your DVD is not formatted for wide screen viewing. A wide picture will display on the whole TV screen with a portion automatically cut off.

4:3LB (Letterbox mode)
Select this if you have a conventional TV set and your DVD is formatted for wide screen viewing. Black bars appear on the upper and lower portions of the TV screen.

16:9 (Wide-screen TV)
Select this if you have a wide-screen TV set (you must also set your wide screen TV to "full size").

**4:3 PS
(Pan Scan)**

**4:3 LB
(Letter Box)**

**16:9
(Wide screen)**

Changing the password

You can change the four-digit code used as
Password.

❶ In disc mode, press **SYSTEM MENU**.

❷ Select ✖ icon and press ▼.

❸ Press ▲ / ▼ on the remote control to navigate
in the menu.
➜ Move to "PASSWORD" and press ►.

❹ Use the **numeric keys (0-9)** to enter your
four-digit code.
➜ The password supplied by default is 0000.
➜ If you forget the four-digit code, press **0** four
times, the system will change back to the default
password.

❺ Enter your new code. Then press **OK** to
confirm.

❻ Press **SYSTEM MENU** again to remove the
menu.
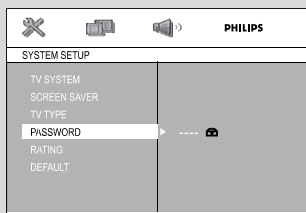
Restricting playback by setting rating level

Some DVDs may have a rating 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 specific. You can prohibit the playing of
certain discs that are not suitable for your
children and you can have certain discs played
with alternative scenes.
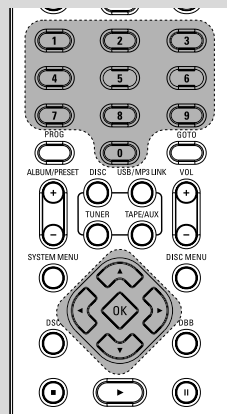
❶ In disc mode, press **SYSTEM MENU**.

❷ Select ✖ icon and press ▼.

❸ Use ▲ / ▼ on the remote control to navigate
in the menu.
➜ Move to "PASSWORD" and enter the
password to open the lock. (See to "changing the
password")
➜ Move to "RATING" and press ▶.

SYSTEM SETUP	
TV SYSTEM	1 KID SAFE
SCREEN SAVER	2 G
VIDEO	3 PG
TV TYPE	4 PG13
PASSWORD	5 PG-R
RATING	6 R
DEFAULT	7 NC-17
	8 ADULT

SYSTEM SETUP	
TV SYSTEM	
SCREEN SAVER	
TV TYPE	
PASSWORD	----
RATING	
DEFAULT	
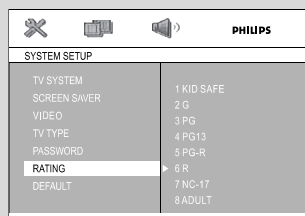
System Menu Operations

④ Press ▲ / ▼ to select a rating level between 1-8 and press **OK**.
→ DVDs rated above the level you select will not play unless you enter your four-digit password or choose a higher level rating. Select 'No Parental' to deactivate Parental level and have all discs play.

⑤ Press **SYSTEM MENU** again to remove the menu.

Rating explanations
1 KID SAFE – it will play all discs
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.
5 PG-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.
6 R – recommended that parents restrict children under 17 from viewing
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.

– Menu language
To set the screen display language. The default setting is English.

– Default
If RESTORE is selected, all the items in the setup menu will be reset to default setting, except RATING Setting and Password.

Using the language setup menu
LANGUAGE SETUP function helps you to choose preferred audio language and subtitle, during the playback of DVDs with multiple audio languages and multiple subtitles.

❶ In disc mode, press **SYSTEM MENU**.
→ The menu bar will appear across the top of the TV screen.

❷ Select 🖳 (language setup) icon and press ▼ to enter the setup menu. Then press ▲ / ▼ to select one of the setup menu options and press ▶ to enter the menu.
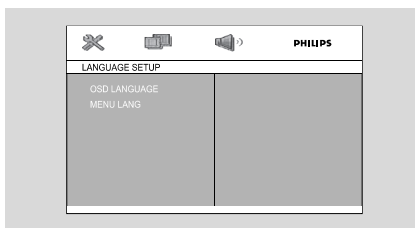
Using the audio setup menu

❶ In disc mode, press **SYSTEM MENU**.
→ The menu bar will appear across the top of the TV screen.

❷ Select 🔊 (audio setup) icon and press ▼ to enter the setup menu. Then press ▲ / ▼ to select one of the setup menu options and press ▶ to enter the menu.

AUDIO OUT

→ **SPDIF/OFF**: Turns off the digital output.
→ **SPDIF/RAM**: 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.

DOWNMIX

LT/RT
Select this to enjoy a vivid cinema experience, during the playback of discs with PRO LOGIC Dolby stereo mode.

STEREO
Select this to enjoy normal stereo putput.

VSS
Select this to enjoy analogue surround sound from the main speaker; during the playback of discs recorded on 5.1 Channel.

3D processing

● Select this to enjoy one of the 5 options of the 3D processing:

OFF ➞ CONCERT➞ CHURCH ➞ PASSIVE ➞ WIDE ➞ LIVE

● When OFF is set, no 3D processing is output.
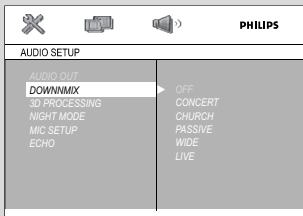
Night mode
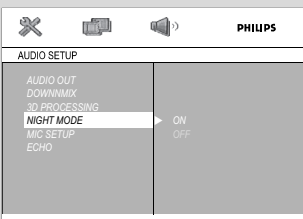
ON
Select this to level out the volume. High volume output will be softened and low volume output will be brought upward to an audible level. This feature is only available for movies with Dolby Digital mode.

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

MIC SETUP

AUTO
Select this to automatically detect and process the voice.

OFF
Select this when you want to switch off the MIC function.

Note:
– The ECHO menu will be unavailable when you select OFF.

ECHO

● Select this to set the echo level.

Tape Operation/Recording

IMPORTANT!

– Before playing a tape, check and tighten slack tape with a pencil. Slack tape may get jammed or may burst in the mechanism.

– Store tapes at room temperature and do not put them too close to a magnetic field (for example, a transformer, TV set or speaker).

– In disc mode or tuner mode, tape playback is not available but record function is available.

Tape playback

Press **STANDBY-ON** ⏻ to switch on the set.
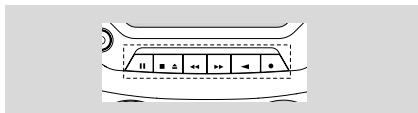
➊ Press ⏏ on the set to open the tape deck door.

➋ Insert a recorded tape and close the tape door.

● Load the tape with the open side up and the full spool to the right.
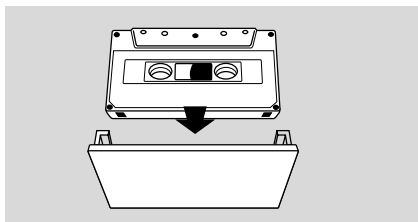
➌ Press **SOURCE** repeatedly or **TAPE/AUX** on the remote control to select **TAPE** source.

➍ Press ► on the set to start playback.

Interruptting playback

● Press ❚❚ to interrupt playback.

Stopping playback

● Press ■ ⏏ to stop playback.

Rewinding or forwarding fast when playback is stopped

➊ Press ◄◄ or ►► on the top of the system.

➋ Press ■ ⏏ when you reach the desired passage.

General information on recording

● Recording is permissible insofar as copyright or other rights of third parties are not infringed.

● For recording, only use tape of IEC type I(normal tape).

● The recording level is set automatically, regardless of the position of the Volume, Vocal, Key control and so forth.

● The type is secured at both ends with leader tape. At the beginning and end of the tape, nothing will be recorded for seven seconds.

● To prevent accidental recording, break out the tab on the left shoulder of the tape side you want to protect.

● In Disc, TUNER or USB mode, the record key ● can't be pressed if there is no recordable tape in tape deck.
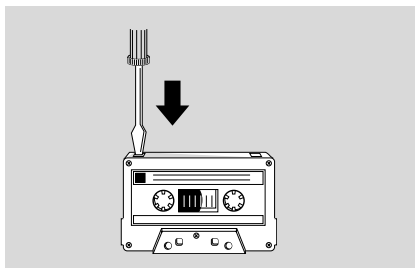
IMPORTANT!
– Recording is permissible if copyright or other rights of third parties are not infringed upon.
– Recording is possible only in tape deck.

Preparation for recording

❶ Load a recordable tape with the open side up and the full spool to the right.

❷ Prepare the source to the recorded.
DISC – load the disc(s)
TUNER – tune to the desired radio station.
USB – connect a compatible USB device.

When recording is in progress

❶ Press **SOURCE** on the set or **DISC**, **TUNER** or **USB/MP3 LINK** on the remote as desired source.

❷ Start to play the selected source.

❸ Press ● to start recording.

To stop recording

● Press ■ ▲ on the set.

Disc synchro recording

❶ Select **DISC** source.

● You can record programmed tracks in the order you want.

❷ Press ● to start recording.

Selecting another track during recording

❶ Press **II** to interrupt recording.

❷ Press ◄◄ / ►► to select another track.

❸ Press **II** to resume recording.

To stop recording

● Press ■ ▲ on the set.
➜ Recording will stop.

IMPOTANT!
The making of unauthorized copies of copy-protected material, including computer programmes, files, broadcasts and sound recordings, may be an infringement of copyrights and constitute a criminal offence. This equipment should not be used for such purposes.

Be responsible
Respect copyrights

Tuning to radio stations

❶ Press **SOURCE** on the set repeatedly or **TUNER** on the remote until the desired waveband is displayed.

❷ Press and hold **SEARCH** ◄◄ /►► and release the button.
➜ The radio automatically tunes to a station with sufficient reception.

❸ Repeat Step 2 if necessary until you find the desired station.

● To tune to a weak station, press **SEARCH** ◄◄ /►► briefly and repeatedly until you have found optimal reception.

● For FM, extend, incline and turn the telescopic antenna. Reduce its length if the signal is too strong.

Programming radio stations

You can store 20 FM radio stations in the memory manually or automatically (Auto store).

Automatic programming

Press and hold **PROG** for more than three seconds to activate programming.
➜ All available stations are programmed.

Manual programming

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

❷ Press **PROG** to activate programming.
➜ **PROG** flashes on the display.

❸ Press |◄ / ►| to allocate a number (FM: from 1 to 20)

❹ Press **PROG** again to confirm the setting.
➜ **SAVE** appears.

❺ 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 **ALBUM/PRESET+/-** on the set or |◄ / ►| on the remote until the desired preset station is displayed.

External Sources

Using USB connectivity

FWD18 is fitted with a USB port in the front panel, offering a plug and play feature which allows you to play, from your FWD18, digital music and spoken contents stored on a USB mass storage device.

Using a USB mass storage device, you can also enjoy all the features offered by FWD18 which are explained and instructed in the sections of disc operation.

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 product).

– 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; .m4a; .m4p; mp4; .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 - 65,536 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 800
– 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 Lossless format

Playing a USB mass storage device

❶ Make sure that your system is being powered by AC mains or specified batteries.

❷ Press **SOURCE** repeatedly (or **USB/MP3 LINK** on the remote control) to select **USB**.

❸ Plug a compatible USB mass storage device to the system's USB port. If needed, use a suitable USB cable to connect between the device and the system's USB port.

➜ The device will automatically power on.

• If the device is not powered on, turn on the power manually, then re-connnect it.

➜ The set will automatically play the audio contents stored on the device.

Helpful hints:

– Up to 800 playable audio files stored on a USB mass storage device can be played on FWD18.

– Up to 99 playable albums stored on a USB mass storage device can be selected and displayed on FWD18.

– Make sure that 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).

– For USB device playing, if the display shows "OL", it means that the USB device is electrically overloading FWD18. You need to change a USB device.

Using MP3 LINK

❶ Use the supplied audio cable to connect the system's **LINE IN** jack (3.5 mm, located on the front panel) to the headphone jack or AUDIO OUT on an external device (such as MP3 player, or CD player).

❷ Press **SOURCE** repeatedly on the set or **USB/ MP3 LINK** on the remote control to select MP3 LINK.

➜ "MP3 LINK" is displayed.

Using a non-USB device

❶ Connect the system's **AUX IN** jacks to the **AUDIO OUT** jacks on another audio/visual device (such as a VCR, Laser Disc player or cassette desk).

❷ Press **SOURCE** repeatedly on the set or **TAPE/AUX** on the remote control to select external equipment.

➜ "AUX" is displayed.

Note:

– All the sound control features (DSC or DBB, for example) are available for selection.

– Refer to the operating instructions of the connected equipment for details.
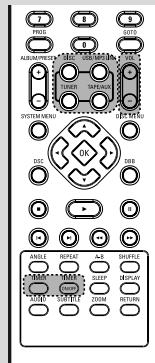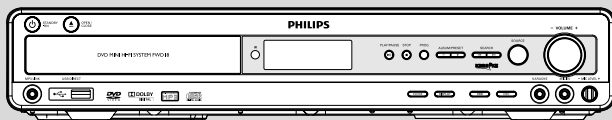
Clock setting

See "Preparations-Step 2: Setting the clock".

Timer setting

● The system can be used as an alarm clock, whereby DISC, USB or TUNER is switched on at a set time. The clock time needs to be set first before the timer can be used.

1 In active mode, press and hold **TIMER** on the remote control for more than three seconds.
   ➜ "ON TIME" flashes.
2 Press **TIMER** to enter the time setting mode.
   ➜ The hour digits flash on the display screen.
3 Turn **VOLUME +/-** on the front panel or press **VOL +/-** on the remote to set the hours and then press **TIMER** to confirm.
   ➜ The minute digits flash on the display screen.
4 Turn **VOLUME +/-** on the front panel or press **VOL +/-** on the remote to set the minutes and then press **TIMER** to confirm.
   ➜ "ON TIME" flashes.
5 Turn **VOLUME +/-** on the front panel or press **VOL +/-** on the remote to select "SOURCE".
6 Press **TIMER** to enter the source setting mode.
7 Press **SOURCE** on the front panel repeatedly or press **DISC**, **USB/MP3 LINK** or **TUNER** on the remote to select source and then press **TIMER** to confirm.

● Before setting timer, make sure the music source has been prepared.
   DISC – load the disc.
   USB – connect a suitable USB device.
   TUNER – tune to the desired radio station.
   For TUNER mode:
   a. Turn **VOLUME +/-** on the front panel or press **VOL +/-** on the remote to select a preset station and then press **TIMER** to confirm.
8 Turn **VOLUME +/-** on the front panel or press **VOL +/-** on the remote to select "VOL XX".
9 Press **TIMER** to enter the volume setting mode.
10 Turn **VOLUME +/-** on the front panel or press **VOL +/-** on the remote to set the volume level and then press **TIMER** to confirm.
   ➜ The timer is now set.

● In active mode, press **TIMER ON/OFF** on the remote control to activate or deactivate the timer.
   ➜ ☼ appears if activated, and disappears if deactivated.

Notes:
– Only DISC, USB and TUNER can be selected as the source for the timer.
– The system will exit the timer setting mode if no button is pressed within 10 seconds.

Sleep timer setting

The sleep timer enables the system to switch off
by itself after a set period of time.

❶ In active mode, press **SLEEP/TIMER** on the
remote control repeatedly to select a preset
time.

➜ The selections are as follows (time in minutes):
SLE 10 → SLP 20 → SLE 30 → SLE 40 →
SLE 50 → SLE 50 → SLE 60 → SLE 70 →
SLE 80 → SLE 90 → SLE 00

➜ "SLE XX" or "OFF" is displayed. "XX"
denotes the time in minutes.

❷ When you reach the desired length of time, stop
pressing the **SLEEP** button.

To deactivate the sleep timer

● Press **SLEEP** repeatedly until "SLE 00" is
displayed, or press **STANDBY-ON** ⏻.

Specifications

AMPLIFIER SECTION
Output power .... 2 × 30 W RMS
CD Frequency Response ....
.... 100Hz - 10kHz / ±3 dB
CD Signal-to-Noise Ratio>50dB (A-WEIGHED)
Output Sensitivity
    Line Out (1kHz 0dB) .... 2±0.2V

TUNER SECTION
Tuning Range ....
.... FM 87.5 – 108 MHz
Signal-to-Noise Ratio .... FM≥ 50 dB

TAPE SECTION
Frequency Response
    Normal tape .... 125 Hz - 8 kHz / ± 4 dB
Signal-to-Noise Ratio
    Normal tape .... ≥ 45 dB
    JIS and WTD .... ≤ 0.35%

DVD SECTION
Laser Type .... Semiconductor
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, 75Ω

USB PLAYER
USB 12Mb/s, V1.1
.... support MP3 and WMA files

MAIN UNIT
Power Supply Rating ... 120 - 230 V / 60 - 50 Hz
Power Consumption
    Active .... 70 W
    Standby .... ≤ 7 W
Dimensions (w × d × h) .... 415 × 305 × 70 (mm)
Weight .... 10.82 kg
Packaging Dimensions (w × d × h) ....
.... 458 × 355 ×375 (mm)
Gross weight .... 12.02 kg

SPEAKERS
Impedance .... 6 Ω
Dimensions (w × d × h) ..... 210 × 205 × 310 (mm)

*Specifications and external appearance are
subject to change without 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 service center.

Problem	Solution
No power.	– Check if the AC power cord is properly connected.
"ΠO dI SC" **is displayed.**	– Insert a disc. – 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 on TV screen.	– 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.
No colour on TV	– TV has a colour system standard. If the disc's or DVD system's colour system is different than your TV's colour system, the picture may be distorted or colourless. – Change the system t the respective PAL or NTSC setting.
Distorted or poor picture.	– 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.	– The aspect ratio is fixed on the DVD disc. – The aspect ratio may not be changed for some TV systems.
The DVD player does not start playback.	– Check the source switch on the disc mode. – Insert a readable disc. – Check the disc type, color system and region code. – Clean the disc. – Place the disc with the playback side down. – 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.

Troubleshooting

English

The system does not respond when the buttons are pressed.	– Confirm the source switch location. Some buttons/knob/keys are available only in the related mode (for example cassette recorder keys is available only in TAPE mode.). – Disconnect the power plug from the jack, and insert again.
The language subtitle cannot be changed when playing a DVD.	– Multi-language subtitle is not recorded on the DVD. – Changing the language for subtitle is prohibited on the DVD.
Sound cannot be heard or is of poor quality	– Adjust the volume. – If the system is in pause, slow motion or fast forward/reverse mode, press ▶II 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.
Poor radio reception.	– If the signal is too weak, adjust the antenna for better reception. – Increase the distance between the System and your TV set or VCR.
Recording or playback cannot be made	– Clean deck parts, see "Maintenance". – Use only NORMAL tape. – Apply a piece of adhesive tape over the missing tab space.
The tape deck door cannot open	– Remove and reconnect the AC power plug and switch on the system again.
The remote control does not function.	– The remote control is available in disc mode only. – 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.

Glossary

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 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.

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

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.

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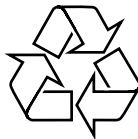
Playback control (PBC): Refers to the signal recorded on video CDs or SVCDs for reproduction control. By using screen menus recorded on a Video CD or SVCD that supports PBC, you can enjoy interactive-type software as well as software having a search function.

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).

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.

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

FWD18

CLASS 1
LASER PRODUCT

PHILIPS