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User manual

Brugervejledning

Brukerhåndbok



PHILIPS

Important notes for users in the U.K.

Mains plug

This apparatus is fitted with an approved 13 Amp plug. To change a fuse in this type of plug proceed as follows:

- 1 Remove fuse cover and fuse.
- 2 Fix new fuse which should be a BS1362 3 Amp, A.S.T.A. or BSI approved type.
- 3 Refit the fuse cover:

If the fitted plug is not suitable for your socket outlets, it should be cut off and an appropriate plug fitted in its place.

If the mains plug contains a fuse, this should have a value of 3 Amp. If a plug without a fuse is used, the fuse at the distribution board should not be greater than 3 Amp.

Note: The severed plug must be disposed of to avoid a possible shock hazard should it be inserted into a 13 Amp socket elsewhere.

How to connect a plug

The wires in the mains lead are coloured with the following code: blue = neutral (N), brown = live (L).

- As these colours may not correspond with the colour markings identifying the terminals in your plug, proceed as follows:
 - Connect the blue wire to the terminal marked N or coloured black.
 - Connect the brown wire to the terminal marked L or coloured red.
 - Do not connect either wire to the earth terminal in the plug, marked E (or $\perp$) or coloured green (or green and yellow).

Before replacing the plug cover, make certain that the cord grip is clamped over the sheath of the lead - not simply over the two wires.

Copyright in the U.K.

Recording and playback of material may require consent. See Copyright Act 1956 and The Performer's Protection Acts 1958 to 1972.

Norge

Typeskilt finnes på apparatens underside.

Observer: Nettbryteren er sekundert innkoplet. Den innebygde nettdelen er derfor ikke frakoplet nettet så lenge apparatet er tilsluttet nettkontakten.

For å redusere faren for brann eller elektrisk støt, skal apparatet ikke utsettes for regn eller fuktighet.

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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DK

Advarsel: Usynlig laserstråling ved åbning når sikkerhedsafbrydere er ude af funktion. Undgå udsættelse for stråling.

Bemærk: Netafbryderen er sekundært indkoblet og afbryder ikke strømmen fra nettet. Den indbyggede netdel er derfor tilsluttet til lysnettet så længe netstikket sidder i stikkontakten.

English 6

Dansk 35

Bokmål 64

English

Dansk

Bokmål

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Disposal of your old product

Your product is designed and manufactured with high quality materials and components, which can be recycled and reused.



When this crossed-out wheeled bin symbol is attached to a product it means the product is covered by the European Directive 2002/96/EC

Please inform yourself about the local separate collection system for electrical and electronic products.

Please act according to your local rules and do not dispose of your old products with your normal household waste. The correct disposal of your old product will help prevent potential negative consequences for the environment and human health.

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.

This product complies with the radio interference requirements of the European Community.

Supplied accessories

- Remote control with two AAA batteries
- FM/DAB antenna
- Composite video (yellow) cable
- This instruction booklet and a Quick Start Guide

If any item is damaged or missing, contact your retailer or Philips.

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.

Installation

- Place the player on a flat, hard, and stable surface.
- In a cabinet, allow about 10cm (4 inches) of free space all around the player for adequate ventilation.
- Do not expose your player to extreme temperatures or humidity.
- The apparatus shall not be exposed to dripping or splashing.
- No objects filled with liquids, such as vases, shall be placed on the apparatus.
- No naked flame sources, such as lighted candles, shall be placed on the apparatus.
- Install this unit near the AC outlet and where the AC power plug can be reached easily.
- The ventilation should not be impeded by covering the ventilation openings with items, such as newspapers, table-cloths, curtains, etc.

Maintenance

- When a disc becomes dirty, clean it with a cleaning cloth. Wipe the disc from the center out, in a straight line.
- Do not expose the player, batteries or discs to humidity, rain, sand or excessive heat (caused by heating equipment or direct sunlight). Always keep the disc tray closed to avoid dust on the lens.
- Do not use solvents such as benzene, thinner, commercially available cleaners, or anti-static spray intended for colour discs.
- 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.



Hearing Safety

Listen at a moderate volume.

- Using headphones at a high volume can impair your hearing. This product can produce sounds in decibel ranges that may cause hearing loss for a normal person, even for exposure less than a minute. The higher decibel ranges are offered for those that may have already experienced some hearing loss.
- Sound can be deceiving. Over time your hearing "comfort level" adapts to higher volumes of sound. So after prolonged listening, what sounds "normal" can actually be loud and harmful to your hearing. To guard against this, set your volume to a safe level before your hearing adapts and leave it there.

To establish a safe volume level:

- Set your volume control at a low setting.
- Slowly increase the sound until you can hear it comfortably and clearly, without distortion.

Listen for reasonable periods of time:

- Prolonged exposure to sound, even at normally "safe" levels, can also cause hearing loss.
- Be sure to use your equipment reasonably and take appropriate breaks.

Be sure to observe the following guidelines when using your headphones.

- Listen at reasonable volumes for reasonable periods of time.
- Be careful not to adjust the volume as your hearing adapts.
- Do not turn up the volume so high that you can't hear what's around you.
- You should use caution or temporarily discontinue use in potentially hazardous situations.
- Do not use headphones while operating a motorized vehicle, cycling, skateboarding, etc.; it may create a traffic hazard and is illegal in many areas.

About Digital Audio Broadcasting (DAB)

DAB digital radio is a new way of broadcasting radio via a network of terrestrial transmitters. It provides listeners with more choice and information delivered in crystal clear, crackle-free sound quality.

- The technology allows the receiver to lock on to the strongest signal it can find.
- With DAB digital stations there are no frequencies to remember; and sets are tuned by station name, so there's no retuning on the move.

What is a multiplex?

Digital radio operation is made up of a single block of frequencies called a multiplex. Each multiplex works within a frequency spectrum, such as Band III for DAB broadcasts.

Note:

- *You will receive only those stations within your transmission area.*

DAB Broadcasters and DLS

Each DAB broadcaster (or multiplex operator) also provides text and audio data services. Some programmes are supported by Dynamic Label Segments (DLS). This is data which you can read as scrolling text on your DAB radio display. Some stations transmit the latest news, travel, and weather; what's on now and next, website addresses and phone numbers.

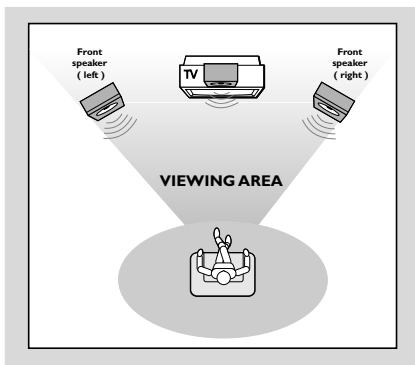
For more information on digital radio coverage and services, please visit: www.drdb.org.

Connections

IMPORTANT!

- The type plate is located at the bottom of the system.
- For users in the U.K.: please follow the instructions on page 2.
- Before connecting the AC power cord to the wall outlet, ensure that all other connections have been made.
- Never make or change any connections with the power switched on.

Step 1: 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:

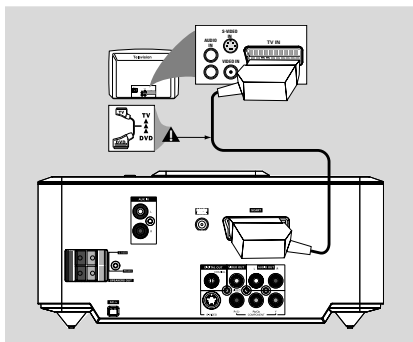
- To avoid magnetic interference, do not position the front speakers too close to your TV set.
- Allow adequate ventilation around the DVD System.

Step 2: 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.
- A SCART connection allows you to use features both Audio and Video features on the DVD Player.

Using SCART jack

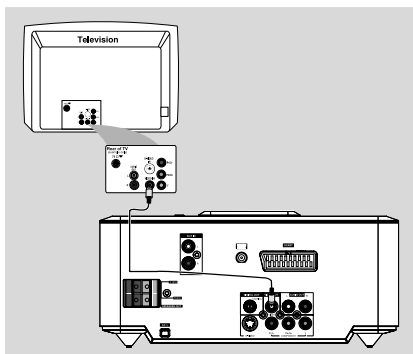


- Use the SCART cable (black) to connect the DVD Player's **SCART** jack to the corresponding Scart input jacks on the TV (*cable not supplied*).

Note:

- Ensure that the "TV" indication on SCART cable is connected to the TV set and "DVD" indication on SCART cable is connected to the DVD Player.

Using Composite Video jack

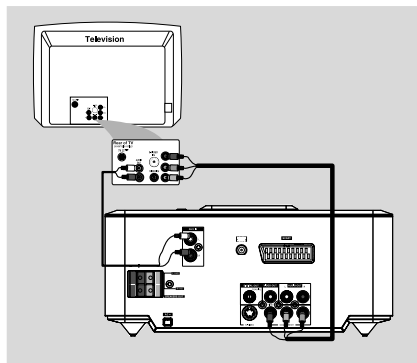


- 1 Use the supplied composite video connectors (yellow) to connect the DVD system's **VIDEO OUT** jack to the video input jack (or labeled as A/V In, CVBS, Composite or Baseband) on the TV.
- 2 To hear the TV channels through this DVD system, use audio cables (white/red) to connect AUX IN (L/R) jacks to the corresponding AUDIO OUT jacks on the TV.

Using Component Video jacks (Y Pb Pr)

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 - not supplied) to connect the DVD system's **Y Pb Pr** jacks to the corresponding Component video input jacks (or labeled as Y Pb/Cb Pr/Cr or YUV) on the TV.
- 2 To hear the TV channels through this DVD system, use audio cables (white/red) to connect AUX IN (L/R) jacks to the corresponding AUDIO OUT jacks on the TV.
- 3 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 "Getting Started-Setting up Progressive Scan feature".

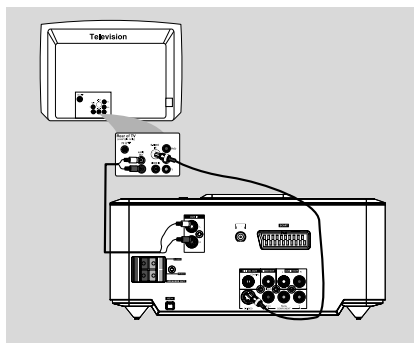
Note:

- If your TV does not support Progressive Scan, you will not be able to view the picture. Press **SYSTEM MENU** on the remote to exit the system menu and then **DISC** and "**1**" to exit progressive scan.

Using S-Video jack

IMPORTANT!

- If S-Video is used for DVD playback connection, the system's **VIDEO OUT** setting will need to be changed accordingly.

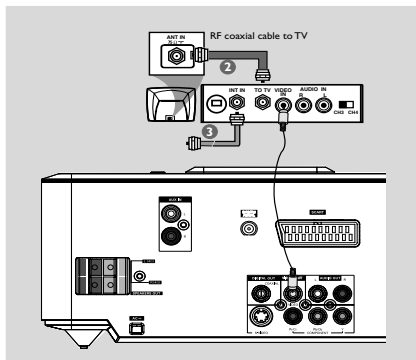


- 1 Use an S-Video cable (not supplied) to connect the DVD system's S-VIDEO jack to the S-Video input jack (or labeled as Y/C or S-VHS) on the TV.
- 2 To hear the TV channels through this DVD system, use the audio cables (white/red) to connect AUX IN (L/R) jacks to the corresponding AUDIO OUT jacks on the TV.

Using an accessory RF modulator

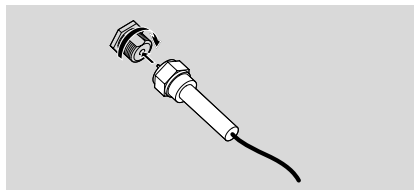
IMPORTANT!

– If your TV only has a single Antenna In jack (labeled as 75 ohm or RF In), you will need an RF modulator in order to view DVD playback on the TV. See your electronics retailer or contact Philips for details on RF modulator availability and operations.



- ❶ Use the composite video cable (yellow) to connect the DVD system's VIDEO OUT jack to the video input jack on the RF modulator.
- ❷ Use an RF coaxial cable (not supplied) to connect ANTENNA OUT or TO TV jack on the RF modulator to the Antenna IN jack on the TV.
- ❸ Connect the Antenna or Cable TV service signal to the ANTENNA IN or RF IN jack on the RF modulator. (It may have been connected to your TV previously. Disconnect it from the TV.)

Step 3: Connecting FM/DAB antenna



- ❶ Connect the supplied DAB/FM antenna to the "DAB/FM AERIAL" port on the rear of the DVD player.
- ❷ Fasten the nut on the connector of the antenna to ensure firm connection.
- Position the antenna as far as possible from a TV, VCR or other radiation source.

Note:

– Make sure to align the in on the connector of the antenna with the hole in the "DAB/FM AERIAL" port.

Step 4: Connecting the power cord

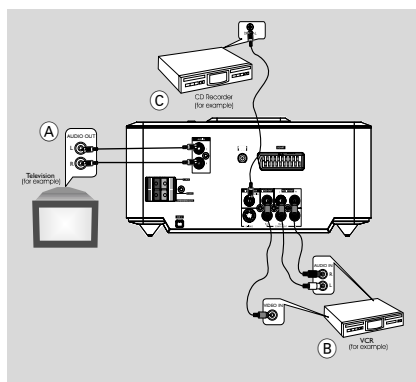
After everything is connected properly, plug in the AC power cord to the power outlet.

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

Additional: Connecting additional equipment

IMPORTANT!

- Some discs are **copy-protected**. You cannot record the disc through a **VCR** or digital recording device.
- When making connections, make sure the colour of cables matches the colour of jacks.
- Always refer to the owner's manual of the other equipment for complete connection and usage details.



Viewing and listening to the playback of other equipment (A)

- Connect the system's **AUX IN (R/L)** jacks to the **AUDIO OUT** jacks on the other audio/visual device (such as a TV, VCR, Laser Disc player or cassette deck).

Before starting operation, press **SOURCE** on the front panel to select **AUX** or press **AUX** on the remote in order to activate the input source.

Using the VCR for recording DVDs (B)

- Connect one of the system's **VIDEO** jacks to the corresponding **VIDEO IN** jack and **AUDIO OUT (R/L)** jacks to the **AUDIO IN** jacks on the VCR. This will allow you to make analogue stereo (two channel, right and left) recordings.

Recording (digital) (C)

- Connect the system's **COAXIAL** jack to the **DIGITAL IN** jack on a digital recording device. Before starting operation, select an option in **DIGITAL AUDIO SETUP** according to the audio connection.

Additional connection: Connecting a USB device or memory card

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.

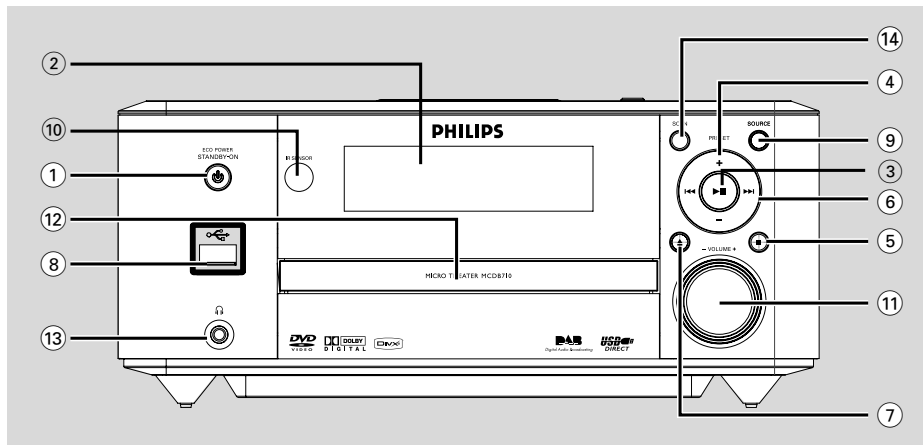
- Insert the USB device's USB plug into the  socket on the set.

for the devices with USB cables:

- 1 Insert one plug of the USB cable (not supplied) to the  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  socket on the set.



DVD player and power amplifier

① **ECO POWER/STANDBY-ON**

- switches on the system or puts it on to Eco power/normal standby mode.

② **Display**

- shows the current status of the DVD player.

③ **▶ II**

- starts or interrupts disc playback.
- for DAB, press to select an option.
- for DAB, press and hold to start manual tuning.

④ **PRESET +/-**

- (for FM/DAB; on the system only) selects a preset radio station.

⑤ **■**

- stops disc playback or erases a program.
- in Demo mode (*on the system only*), activates/deactivates the demonstration.

⑥ **◀◀ / ▶▶**

Disc:

- skips to the previous/next chapter/title/track.

Tuner:

- tunes to a higher/lower radio frequency.
- press and hold, then release the key to start automatic search for a radio frequency downward/upward.

DAB:

- selects a channel.

⑦

- opens or closes the disc tray.

⑧ **USB DIRECT**

- is the jack for the external USB mass storage device.

⑨ **SOURCE**

- to select the respective sound source : FM/DAB, DISC, USB or AUX.
- switches the system on.

⑩ **IR SENSOR**

- point the remote control towards this sensor.

⑪ **VOLUME +/-**

- adjusts the volume upward/downward.
- adjusts the hours and minutes in clock/timer setting mode.
- switches the set timer ON or OFF.

⑫ **Disc door**

⑬

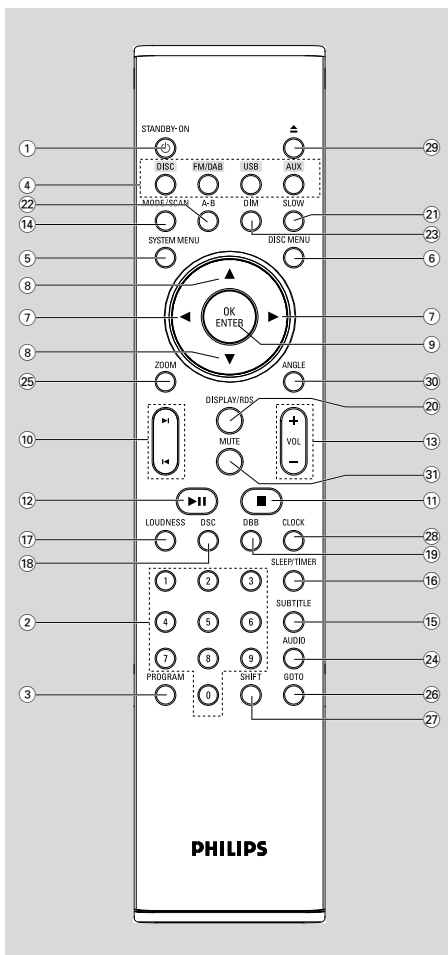
- connects a headphone.

⑭ **SCAN**

- starts DAB service scanning.

Remote control

- ① **ECO POWER/STANDBY-ON**
- switches on the system or puts it on to Eco power/normal standby mode.
- ② **Numeric Keypad (0-9)**
- inputs a track/title/chapter number of the disc.
- selects a preset DAB radio station directly.



- ③ **PROGRAM**
 - DVD/VCD/CD/MP3-CD/USB: enters the program menu.
 - Picture CD: during playback, to select a slide show mode.
 - FM/DAB: programs preset radio stations.
- ④ **SOURCE**
 - to select the respective sound source : FM/DAB, DISC, USB 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:
- ⑧ **▲ / ▼**
 - In DISC mode, to select a movement direction in the disc menu or system menu bar:
- ⑨ **OK/ENTER**
 - to exit or confirm the selection.
 - for DAB, press to confirm an option.
- ⑩ **◀◀ / ▶▶**
 - Disc: skips to the previous/next chapter/title/ track.
 - Tuner: selects a preset radio station.
 - for DAB, selects a channel.
- ⑪ **■**
 - In DISC/USB mode, to stop playback or clear a program.
- ⑫ **▶▶**
 - In DISC/USB mode, to start or interrupt playback.

Functional Overview

⑬ VOL +/-

- adjusts the volume upward/downward.
- adjusts the hours and minutes in clock/timer setting mode.
- selects a source in timer setting mode.

⑭ MODE/SCAN

- selects various repeat modes or the shuffle play mode for a disc.
- starts DAB service scanning.

⑮ SUBTITLE

- selects a subtitle language.

⑯ SLEEP/TIMER

Standby mode

- sets time for switching on the system automatically.

Power-on mode

- sets the sleep timer function (auto off).

⑰ LOUDNESS

- enables or disables automatic loudness adjustment.

⑱ DSC

- selects different types of preset sound equalizer settings (Classic Mode, Jazz Mode, Rock Mode, Pop Mode or Flat Mode).

⑲ DBB

- enables or disables bass enhancement.

⑳ DISPLAY/RDS

- displays information on TV screen during playback.
- for DAB, displays DAB information.
- for DAB, press and hold to reset the system.
- for FM, displays RDS information.

㉑ SLOW

- selects different slow playback modes for a VCD/ SVCD/DVD.

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 GOTO

- In DISC mode, to fast search in a disc by entering a time, title, chapter or track.

㉗ SHIFT

- inputs a number larger than 10 (used together with the Numerical Keypad).

㉘ CLOCK

Standby mode

- *– sets the system clock.

Playback mode

- displays the system clock.

㉙ ▲

- opens or closes the disc tray.

㉚ ANGLE

- selects a DVD camera angle.

㉛ MUTE

- to interrupt or resume sound reproduction.

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 FM/ DAB, for example).**
- **Then select the desired function (►II, ◀, ►I for example).**

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.

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.

Step 2: Setting up the TV

IMPORTANT!

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

- 1 Switch the DVD system on and then select DISC source. (See "Switching the system on/off").
- 2 Turn on the TV and set to the correct video-in channel. You should see the blue Philips DVD background screen on the TV.

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

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-Step 2: Connecting TV- Using Component Video jacks".)

- 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 **ECO POWER/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".
- 7 Select "TV MODE" to "P-SCAN", then press **OK/ENTER** to confirm.
→ An instruction menu appears on the TV.
- 8 Press **◀ ▶** to highlight OK in the menu and press **OK/ENTER** 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.
- 9 Turn on your TV progressive scan mode (refer to your TV user manual).
→ Another menu for confirmation appears on the TV.
- 10 Press **◀ ▶** to highlight OK in the menu and press **OK/ENTER** to confirm.
→ The setup is complete now and you can start enjoy the high quality picture.

To deactivate Progressive manually

- **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** and "1" to exit progressive scan.
→ The DVD blue background screen will appear on the TV.

Note:

– During normal playback in the progressive scan mode, pressing **DISC** button and "1" will exit the progressive scan mode.

Step 3: Setting language preference

- ❶ In stop mode or during playback, press **SYSTEM MENU**.
- ❷ Press ◀/▶/▲/▼ on the remote control to select your preferred option.
→ Move to **LANGUAGE SETUP** and press ▼.
→ Move to one of the following and press ▶.

OSD LANGUAGE (On-Screen Display)

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

AUDIO LANG (DVD only)

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

SUBTITLE LANG (DVD only)

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

MENU LANG (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.

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

To exit the menu

Press **SYSTEM MENU** again.

Switching the system on/off

- Press **ECO POWER/STANDBY-ON** .
→ "Welcome to PHILIPS Audio" is displayed briefly. The system will switch to the last selected source.
- Press **DISC, FM/DAB, USB** or **AUX** on the remote control.
→ The system will switch to the selected source.

To switch the system to standby mode

- Press **ECO POWER/STANDBY-ON** .

Switching the system to Eco Power Standby mode

- Press **ECO POWER/STANDBY-ON**  in active mode.
→ The system enters Eco power standby (the ECO POWER LED is on) or normal standby mode with clock display.
- The interactive sound settings, last selected source and tuner presets will be retained in the player's memory.
- If the system is in normal standby mode with clock display, press and hold **ECO POWER/STANDBY-ON**  for 3 seconds or more to switch to Eco power standby or vice versa.

Volume control

Turn **VOLUME (-/+)** clockwise or anticlockwise (or press **VOL +/-** on the remote) to increase or decrease the volume level.

→ "Volume = 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.

To listen through the headphone

- Connect the headphone plug to the  socket on the front panel.
→ The speakers will be muted.

Sound control

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

DBB (Dynamic Bass Boost)

- Press **DBB** on the remote control 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)

- Press **DSC** on the remote control repeatedly to select: Classic Mode, Jazz Mode, Rock Mode, Pop Mode or Flat Mode.

LOUDNESS

- Press **LOUDNESS** on the remote to enable or disable LOUDNESS feature.
→ "Loudness On" or "Loudness Off" appears briefly after this feature is enabled/disabled.

Dimming the display screen

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

Disc Operations

IMPORTANT!

- Depending on the DVD or VIDEO CD, 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 the inhibit icon (🔒) appears on the TV screen when a button is pressed, it means the function is not available on the current disc or at the current time.

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.



Note:

- If you are having trouble playing a certain disc, remove the disc and try a different one. Improperly formatted disc will not play on this DVD Player.

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 **ECO POWER/STANDBY-ON** (🔌).
→ You should see the blue Philips DVD background screen on the TV.
- 4 Press **▲** to open the disc tray and load in a disc, then press the same button again to close the disc tray.
→ Make sure the label side is facing up.
- 5 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").
- 6 At any time, simply press **■** to stop playback.

Using the Disc Menu

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

To select a playback feature or item

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

To access or exit from 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.

Basic playback controls

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

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

Selecting a track/chapter/title (DVD/VCD/DivX/CD)

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

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

- 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/DivX/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.

Repeat (DVD/VCD/CD/MP3/DivX/WMA)

- Press **MODE/SCAN** repeatedly to choose a repeat mode during playback.

Repeat A-B (DVD/VCD/CD/MP3/DivX/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 **SLOW** during playback to select the required speed: SF 1/2, SF 1/3, SF 1/4, SF 1/5, SF 1/7 or PLAY (normal speed).
 - 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.

- 1 Press **PROGRAM** on the remote control 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 PLAY.
- 4 Press **OK/ENTER** to start playback.

Forward/Reverse Searching (DVD/VCD/DivX/CD/MP3/WMA)

- 1 Press ◀/▶ on the remote control during playback to select the required speed: 2X, 4X, 8X or 20X (backward or forward).
- 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 remote control numerical keypad.

OR

Enter your desired chapter/track number in the chapter/track edit box using remote control numerical keypad.

Information display during playback (not for Picture CD)

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

Special disc features

Playing a Title (DVD)

- 1 Press **DISC MENU**.
 - The disc title menu appears on the TV screen.
- 2 Use ◀▶▲▼ or **Numerical Keypad (0-9)** to select a play option.
- 3 Press **OK/ENTER** to confirm.

Camera Angle (DVD)

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

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

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

Disc Operations

Changing the Audio Channel (for VCD /DivX 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.

Playing MP3/WMA/JPEG Picture disc

General operation

- 1 Load an MP3/WMA/JPEG disc.
→ A data disc menu appears on the TV screen and playback starts automatically from the first track (file).
- 2 Press **◀** to move to the album (folder) column on the left of the TV screen, then use **▲/▼** to select an album (folder) and press **OK/ENTER** to open it.
- 3 Press **▶** to move to the track (file) column on the right of the TV screen and then use **▲/▼** to highlight a track (file); or directly use the **Numeric Keypad (0-9)** to input a track (file) number.
- 4 Press **OK/ENTER** to confirm.
→ The playback will start from the selected track (file) to the end of the album (folder).

Special JPEG features

Preview function (JPEG)

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

- 1 Press **■** during playback.
→ Thumbnails of 12 pictures appears on the TV screen.
- 2 Use **◀▶▲▼** to highlight one of the pictures/ "Slide Show" and press **OK/ENTER** to start playback/slide show.

To enter the remote key function menu

- 3 Use **◀▶▲▼** to highlight "Menu" and press **OK/ENTER**.

To display the other pictures on the previous/next page

- 1 Press **◀ / ▶**.
- 2 Use **◀▶▲▼** to highlight "Prev" or "Next" and press **OK/ENTER**.

Zoom picture (JPEG)

- 1 During playback, press **ZOOM** repeatedly to display the picture with different scales.
- 2 Use **◀▶▲▼** to view the zoomed picture.

Slide show playback modes (JPEG)

- During playback, press **PROGRAM** on the remote control repeatedly to select different slide-show playback modes.

Playback with multi-angles (JPEG)

- During playback, press **◀▶▲▼** to rotate the picture on the TV screen.

Playing a DivX disc

This DVD player supports the DivX movie playback that you download from your computer onto a CD-R/RW (see "System Menu Options-DIVX(R) VOD registration code" for more information).

- 1 Load a DivX disc.
→ Playback will start automatically. If not press **▶ II**.
- 2 If the DivX movie contains external subtitles, the subtitle menu will appear on the TV screen for your selection.
- In this case, pressing **SUBTITLE** on the remote control will turn on or off the subtitle.
- If multilingual subtitles are embedded on the DivX disc, pressing **SUBTITLE** will change the subtitle language during playback.

Note:

- Subtitle files with the following filename extensions (.srt, .smi, .sub, .ssa, .ass) are supported but do not appear on the file navigation menu.
- The subtitle filename have to be the same as the filename of the movie.

System Menu Options

Basic operations

- ➊ Press **SYSTEM MENU** to enter the Setup Menu.
- ➋ Press ◀▶ to select a page to be set.
- ➌ Press ▲▼ to highlight an option.
- ➍ Enter its submenu by pressing ▶ or **OK/ENTER**.
- ➎ Move the cursor by pressing ▲▼ to highlight the selected item.
→ In cases of value setting, press ▲▼ to adjust values.
- ➏ Press **OK/ENTER** 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 "Getting Started".

SYSTEM SETUP

TV SYSTEM

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

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

SCREEN SAVER

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

→ **ON**: In STOP, PAUSE or No DISC mode, if no actions are performed about 3 minutes, the screen saver will be activated.

→ **OFF**: Screen saver is disabled.

TV TYPE

Selects the aspect ratio of the TV to be connected.

→ **4:3 PS** (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 LB** (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.

PASSWORD

You can enter your four-digit password to activate or deactivate rating control. The default password is "0000".

→ "🔒" is displayed if rating control is activated.

→ "🔓" is displayed if rating control is deactivated.

RATING

- ➊ Press ▲▼ to highlight "RATING".
- ➋ Enter its submenu by pressing ▶.
- ➌ 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.

System Menu Options

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.

Caution!

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

DIVX[R] VOD

- 1 In SYSTEM SETUP page, press ▲/▼ to highlight DIVX[R] VOD, then press ► or **OK/ENTER** to enter its submenu and press **OK/ENTER** again to confirm.

→ The registration code will appear.

- 2 Press **OK/ENTER** to exit.

- 3 Use the registration code to purchase or rent the videos from DivX® VOD service at www.divx.com/vod. Follow the instructions and download the video onto a CD-R for playback on this DVD player.

Notes:

- *All the downloaded videos from DivX® VOD can only be played back on this DVD player.*
- *Time search feature is not available during DivX movie playback.*

LANGUAGE SETUP

See "Getting Started - Step 3: Setting language preference" for details.

VIDEO SETUP

See "Getting Started - Step 3: Setting language preference" for details.

COMPONENT

This setting is not required if you are using the **VIDEO** jack (yellow) to connect the DVD micro system to your TV.

→ **S-VIDEO**: Select this if you have connected the DVD micro system to your TV using S-Video jack.

→ **Pr/Cr Pb/Cb Y**: Select this if you have connected the DVD micro system to your TV using Component video jacks.

TV MODE

Selects interlace or P-SCAN video output mode when **Pr/Cr Pb/Cb Y** is selected.

→ **PROGRESSIVE** and **INTERLACE**.

BRIGHTNESS

Adjusts the brightness level. Range: 0-12.

CONTRAST

Adjusts the contrast level. Range: 0-12.

HUE

Adjusts the hue level. Range: -6+6.

SATURATION

Adjusts the saturation level. Range: 0-12.

AUDIO SETUP

DIGITAL OUT

→ **DIGITAL/OFF**: Turns off the digital output.

→ **DIGITAL/RAW**: If you have connected your DIGITAL OUT to a multi-channel decoder/receiver:

→ **DIGITAL/PCM**: Only if your receiver is not capable of decoding multi-channel audio.

DOWNMIX

This option allows you to set the stereo analogue output of your DVD Player.

→ **LT/RT**: Select this option if your DVD Player is connected to a Dolby Pro Logic decoder:

→ **STEREO**: Select this option when output delivers sound from only the two front speakers.

→ **VSS**: Allows the DVD player to use virtual surround sound effects.

3D PROCESSING

3D processing provides a virtual surround sound experience using just two speakers.

→ **OFF, CONCERT, CHURCH, PASSIVE, WIDE** and **LIVE**

LPCM

If you connect the DVD Player to a PCM compatible receiver via the coaxial terminal, you may need to adjust 'LPCM'.

Discs are recorded at a certain sampling rate. The higher the sampling rate, the better the sound quality.

→ **48kHz**: Playback a disc recorded at the sampling rate of 48kHz.

→ **96kHz**: Playback a disc recorded at the sampling rate of 96kHz.

→ **192kHz**: Playback a disc recorded at the sampling rate of 192kHz.

NIGHT MODE

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

→ **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.

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

Tuning to DAB for the first time

- Press **SOURCE** on the front panel of the system or press **FM/DAB** on the remote control repeatedly to select the DAB source.
 - The system will start a quick scan to search for all available Band III channels automatically.
 - If no DAB service is available, "0 service found" appears on the display panel, followed by "Service N/A".
 - If there are available DAB services, the system will store all detected stations.
 - At completion of the scanning, the system will tune to the station in the list.

Notes:

- *Make sure you have fully extended the FM/DAB antenna before tuning to DAB for the first time.*
- *Do not press any DAB functional key during quick scanning. Otherwise, the system will quit the quick scanning process.*
- *Wait for the system to complete the quick scanning process. Otherwise, no DAB station will be stored for your selection.*

Tuning to a station

- 1 Press **◀▶** on the front panel of the system (or **◀▶** on the remote control) to select the desired station from the list.
- 2 Press **▶II** on the front panel of the system (or **OK/ENTER** on the remote control) to confirm.
 - "Tuning..." appears on the display panel when the system tunes to your selected station.

Tuning to a secondary station

Some stations may have one or more secondary stations associated with them. For such a station, there is a ">" symbol shown after the station name.

- Press **▶II** on the front panel of the system (or **OK/ENTER** on the remote control) to switch between the primary station and secondary station(s).

Note:

- *The system will tune to the primary station automatically when the secondary station(s) goes off air.*

Re-tuning

By re-tuning, you can update your DAB multiplex (ensemble) list all over again. At the completion of scanning, the system will tune to the first service of the first multiplex (ensemble) in the updated multiplex (ensemble) list.

- Press and hold **SCAN** on the front panel of the system (or **MODE/SCAN** on the remote control) for more than 2 seconds.
 - The system will start full scan to search for all available Band III channels again automatically.
- Press **SCAN** on the front panel of the system (or **MODE/SCAN** on the remote control) briefly.
 - The system will start a quick scan process to search for Band III channels again automatically.

Manual tuning

- 1 Press and hold **▶II** on the front panel of the system (or **OK/ENTER** on the remote control) for more than 2 seconds to enter the manual tuning mode.
- 2 Press **◀▶** on the front panel of the system (or **◀▶** on the remote control) to select your desired DAB channels backward/forward.
- 3 Press **▶II** on the front panel of the system (or **OK/ENTER** on the remote control) to confirm and tune to your selected channel.

DAB information display

You can view the DAB service information in the following 6 information modes. Depending on the DAB radio station you are tuning to, some information modes may be unavailable.

- Press **DISPLAY/RDS** on the remote control repeatedly to view the following information.

DLS (Dynamic Label Segment)

Is the scrolling text containing such messages as the title, artist information and news headlines etc.

Signal strength

Displays the signal strength of the current station.

PTY (Program type)

Displays the content type (e.g., Classic, Pop, News, etc.)

Data Rate and mode

Displays the transmission rate of broadcasting in bits per second (kbps) and the audio status of the current service in stereo or mono.

Multiplex name

Specifies the multiplex of current service. (A multiplex is a group of stations broadcast by a multiplex operator.)

Time and date

Shows the date and time of the current multiplex.

Programming DAB stations

You can save up to 20 DAB stations in the system memory.

- ❶ Select your desired station as described above.
- ❷ Press **PROGRAM** on the remote control and then press **PRESET+/-** on the front panel to select a location for storing your desired station.
- You can also use the **Numerical Keypad (0~9)** to input a number directly and tune to the service associated with this number.
- To input a number larger than 10, press **SHIFT** once or more to select the first digit you want and then use the **Numerical Keypad (0~9)** to input the second digit.
- ❸ Press **PROGRAM** on the remote control again for confirmation until "Preset # saved" (# indicating the preset number your selected).

Tuning to preset DAB stations

- Press **PRESET+/-** on the front panel to the system until the desired preset station is displayed.
→ The system will tune to your selected station automatically.

- You can also use the **Numerical Keypad (0~9)** to input a number directly and tune to the station associated with this number.
- To input a number larger than 10, press **SHIFT** nonce or more to select the first digit you want and then use the **Numerical Keypad (0~9)** to input the second digit.

Resetting the system

If necessary (e.g., when you move the system to a new location and the previously stored stations are unavailable in the new location), you can reset the system to its default settings.

- ❶ In the DAB mode, press and hold **DISPLAY/RDS** on the remote control until "System Reset" appears on the display panel.
- ❷ Press **OK/ENTER** on the remote control to confirm.
→ The system will clear its internal memory and automatically start a quick scan all over again.

Other Functions

Radio Reception

Tuning to radio stations

- 1 Press **ECO POWER/STANDBY-ON**  to switch on the last selected source.
- 2 Press **SOURCE (FM/DAB)** on the remote) to select TUNER (FM) mode.
- 3 Press and hold **◀◀ / ▶▶** on the system (or **◀ / ▶** on the remote control) until the frequency indication starts to change, then release.
→ The system automatically tunes to the next strong radio station.
- To tune to a weak station, press **◀◀ / ▶▶** on the system (or **◀ / ▶** on the remote control) briefly and repeatedly until an optimal reception is found.
- 4 Repeat Step 3 if necessary until you find the desired radio station.

Presetting radio stations

You can preset up to 20 stations regardless of the reception.

Automatic programming

- Press **SCAN** on the system (or **MODE/SCAN** on the remote control) for more than two seconds to activate programming.
→ All available stations are programmed.

Manual programming

- 1 Tune to your desired radio station (refer to "Tuning to radio stations").
- 2 Press **PROGRAM** on the remote control.
→ A preset number flashes.
- 3 Press **PRESET+/-** (or **◀ / ▶** on the remote control) to select the desired preset number.
→ If the preset number goes off before you select the desired preset number, press **PROGRAM** on the remote control.
- 4 Press **PROGRAM** on the remote control again to store the radio station.
- Repeat steps 1-4 to store other radio stations.

Listening to preset radio stations

- In tuner mode, press **PRESET+/-** (or **◀ / ▶** on the remote control) to select the desired preset number.
→ The preset number appears briefly. The corresponding radio frequency and waveband are displayed.

RDS

Radio Data System is a service that allows FM stations to show additional information. If you are receiving a RDS station, **WRDS** and the station name are displayed. When automatic programming is used, RDS stations will be programmed first.

Scrolling through different RDS information

- Press **DISPLAY/RDS** briefly and repeatedly to scroll through the following information (if available):
 - Station name
 - Radio text messages
 - Frequency

Setting the RDS clock

Some RDS radio station may be transmitting a real clock time at an interval of every minute. It is possible to set the clock by using a time signal which is broadcast together with the RDS signal.

- 1 Tune to an RDS station from FM band (refer to "Tuning to radio stations").
- 2 Press and hold **DISPLAY/RDS** for more than two seconds.
- 3 Press **DISPLAY/RDS** again.
→ "SEARCH TM" is displayed.
→ When RDS time is read, "RDS" and RDS time value are displayed and the current time will be stored.

Note:

– Some RDS radio station may be transmitting a real time clock at a minute interval. The accuracy of the transmitted time depends on the transmitting RDS radio station.

Setting the clock

- 1 In Standby mode, press and hold **CLOCK** on the remote control until the time flashes on the display.
→ "CLOCK SET" is displayed briefly. Then, the hour digits flash on the display screen.
- 2 Turn **VOLUME +/-** clockwise or anticlockwise or press **VOL +/-** on the remote to set the hours.
- 3 Press **CLOCK** to confirm.
→ The minute digits flash on the display screen.
- 4 Turn **VOLUME +/-** clockwise or anticlockwise or press **VOL +/-** on the remote to set the minutes.
- 5 Press **CLOCK** again 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.
- The system will exit clock setting mode if no button is pressed within 30 seconds.

Setting sleep/wake-up timer

Sleep timer setting

In power-on mode, the sleep setting enables the system to switch to standby mode automatically at a preset time.

- 1 In power-on mode, press **SLEEP/TIMER** on the remote repeatedly to select a preset time.
→ The selections are as follows (time in minutes):
Sleep Off → Sleep 10 → Sleep 20 → Sleep 30
→ Sleep 40 → Sleep 50 → Sleep 60 → Sleep 70
→ Sleep 80 → Sleep 90 → Sleep Off
- 2 When you reach the desired length of time, stop pressing **SLEEP/TIMER**.

To deactivate the sleep timer

- Press **SLEEP/TIMER** repeatedly until "Sleep Off" is displayed, or press **ECO POWER/STANDBY-ON** .

In standby mode, the timer setting enables the system to switch on automatically at a set time.

Wake-up timer setting

IMPORTANT!

– Before setting the timer, ensure that the clock is set correctly.

- 1 Press and hold **SLEEP/TIMER** until the time flashes on the display.
→ "Timer Set" scrolls. Then, the hour digits flash on the display screen.
- 2 Turn **VOLUME +/-** clockwise or anticlockwise or press **VOL +/-** on the remote to set the hours.
- 3 Press **SLEEP/TIMER** to confirm.
→ The minute digits flash on the display screen.
- 4 Turn **VOLUME +/-** clockwise or anticlockwise or press **VOL +/-** on the remote to set the minutes.
- 5 Press **SLEEP/TIMER** to confirm the time setting.
→ "Timer Set Off" appears on the display screen.
- 6 Turn **VOLUME +/-** clockwise or anticlockwise or press **VOL +/-** on the remote to select "Timer Set On".
→  icon appears on the display screen.

To deactivate the timer

- Select "Timer Set Off" at Step 6.

Other Functions

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)

Note:

– *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).*

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
- Non-supported file formats are skipped.
- AAC, WAV, PCM audio files
- DRM protected WMA files
- WMA files in Lossless format

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:

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).*

- ❶ Check the USB device has been properly connected. (See Installation - Additional connection: Connecting a USB device or memory card).
- ❷ Press **SOURCE** once or more to select USB (or **USB** on the remote control).
- ❸ 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.*
- *File names or ID3 tags will be displayed as — if they are not in English.*

Amplifier

Rated output power	2 x 50W RMS
Frequency response	20 - 20000Hz, - 3dB
Signal to noise ratio	> 65dB
Aux input	1V RMS 20kohm

Disc

Laser type	Semiconductor
Disc diameter	12cm/8cm
Video decoding	MPEG-1 / MPEG-2 / Divx
Video DAC	12Bits
Signal system	PAL / NTSC
Video format	4:3 / 16:9
Video S/N	> 48dB
Audio DAC	24Bits / 96kHz
Total harmonic distortion	< 0.1% (1kHz)
Frequency response	4Hz - 20kHz (44.1kHz)
.....	4Hz - 22kHz (48kHz)
.....	4Hz - 24kHz (96kHz)
S/N ratio	> 65dBA

Tuner

Tuning range	
– FM	87.5 - 108MHz
– Stereo, 46dB S/N ratio	174 - 240MHz
Tuning grid	50KHz
Sensitivity	
– FM	5uV at S/N=26dB
– DAB	-94dBm
Selectivity	
– FM	> 28dB
– DAB	> 30dB
Image rejection	> 25dB
Total harmonic distortion	< 1%
Signal to noise ratio	
– FM	> 55dBA
– DAB	> 65dBA

Speakers

Speaker impedance	2x4 ohm
Speaker driver; base	5"
Speaker driver; tweeter	0.2"
Frequency response	50 - 1600 Hz

General information

AC power	220V - 230V, 50Hz / 60Hz
Operation power consumption	52W
Standby power consumption	< 4W
Eco standby power consumption	1W
Composite video output	1.0Vp-p, 75ohm
Coaxial output	0.5Vpp ± 0.1Vpp 75ohm
Headphone output	2 X 15mW, 32ohm
USB direct	Version 2.0

Dimensions

– Main unit (W x H x D) ...	248 x 110 x 307mm
– Speaker box (W x H x D)	
.....	170 x 270 x 220mm

Weight

– With packing	11kg
– Main unit	2.85kg
– Speaker box	2 x 2.8kg

Specifications subject to change without prior notice

Troubleshooting

WARNING

Under no circumstances should you try to repair the system yourself, as this will invalidate the warranty. Do not open the system as there is a risk of electric shock.

If a fault occurs, first check the points listed below before taking the system for repair. If you are unable to remedy a problem by following these hints, consult your dealer or Philips for help.

Problem	Solution
No power.	✓ Check if the AC power cord is properly connected. ✓ Press ECO POWER/STANDBY-ON  to turn on the power.
No picture.	✓ Check if the TV is switched on. ✓ Check the video connection. ✓ Press SOURCE on the top of the DVD player repeatedly to select "DVD" or press DISC on the remote. ✓ Set your TV to the correct Video In channel. This channel is usually near channel 00. Or, you may have a button on the TV remote control that selects Auxiliary or A/V IN channel. See your TV owner's manual for details. Or, change channels at the TV until you see DVD screen on the TV. ✓ If the progressive scan feature is activated but the connected TV does not support progressive signals or the cables are not connected accordingly, see "Getting started-Setting up Progressive Scan feature" for proper progressive scan setup or deactivate the progressive scan feature as below: 1) Turn off your TV progressive scan mode or turn on to interlaced mode. 2) Press SYSTEM MENU on the remote to exit the system menu and then DISC and "1" to exit progressive scan.
Distorted or poor picture.	✓ Sometimes a small amount of picture distortion may appear. This is not a malfunction. ✓ Clean the disc.
Completely distorted picture or black/white picture.	✓ 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.

The aspect ratio of the screen cannot be changed even though you have set the TV shape.

No sound or distorted sound.

The micro DVD player does not start playback.

The DVD micro system does not respond when the buttons are pressed.

Cannot activate some features, such as Angles, Subtitles, or multi-language Audio.

Considerable noise in radio broadcasts.

- ✓ The aspect ratio is fixed on the DVD disc.
- ✓ Depending on the TV, it may not be possible to change the aspect ratio.
- ✓ Adjust the volume.
- ✓ Check that the speakers are connected correctly.
- ✓ Replace the speaker cables.
- ✓ Disconnect the headphones.
- ✓ The system is in pause, slow motion or fast forward/reverse mode, press ► II to resume normal play mode.
- ✓ Insert a readable disc with the playback side facing down.
- ✓ Check the disc type, colour system and regional code. Check for any scratches or smudges on the disc.
- ✓ Press SYSTEM MENU to turn off the setup menu screen.
- ✓ 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.
- ✓ Disconnect the power plug from the outlet and insert again.
- ✓ Multi-language sound or subtitle is not recorded on the DVD.
- ✓ Changing the language for the sound or subtitle is prohibited on the DVD.
- ✓ The features may not be available on the disc.
- ✓ Tune in to the correct frequency.
- ✓ Connect the antennas.
- ✓ Fully extend the FM/DAB antenna. Position for best reception and secure to a wall.
- ✓ Adjust the direction and position for best reception.
- ✓ Place the antenna farther away from any equipment that may be causing the noise.
- ✓ Increase the distance between the system and your TV or other equipment.

Troubleshooting

The remote control does not function.

The display is dark.

Low hum or buzz sound.

Low bass response.

Unable to select Progressive Scan

No sound and picture

Some files on the USB device are not displayed.

"NO USB" appears on the display.

- ✓ Select the correct source (DISC or FM/DAB, for example) before pressing the function button.
- ✓ Point the remote control at the remote 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.

- ✓ Press DIM again.

- ✓ Place the DVD micro system as far away as possible from electrical devices that may be causing interference.

- ✓ Check all speakers for correct polarity.

- ✓ Check that the output of the video signal is switched to 'Pr/Cr Pb/Cb Y'.

- ✓ Check that the RGB/SCART cable is connected to the correct device (See Connecting TV).

- ✓ Check if the number of folders exceeds 99 or the number of titles exceeds 999.

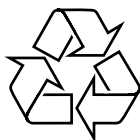
- ✓ Remove the USB mass storage device or select another source.

English

Dansk

Bokmål

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



MCDB710

**CLASS 1
LASER PRODUCT**



Printed in China

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