DVD Mini HiFi System

FWD831

User manual
Manuel d'utilisation
Manual de usuario
Benutzerhandbuch
Gebruikershandleiding
Manuale dell'utente
Användarhandbok
Brugervejledning

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 5 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 5 Amp. If a plug without a fuse is used, the fuse at the distribution board should not be greater than 5 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 ⏚) 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.

Italia

DICHIARAZIONE DI CONFORMITA'

Si dichiara che l'apparecchio MCD515 Philips risponde alle prescrizioni dell'art. 2 comma 1 del D.M. 28 Agosto 1995 n. 548.

Fatto a Eindhoven

Philips Consumer Electronics
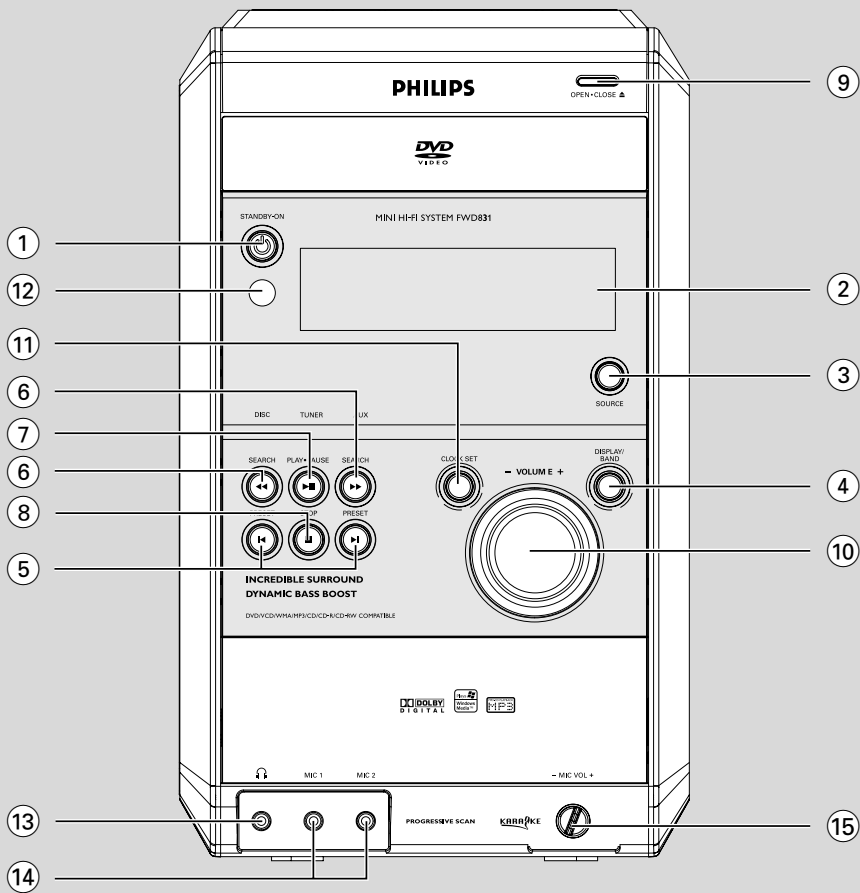Philips, Glaslaan 2
5616 JB Eindhoven, The Netherlands
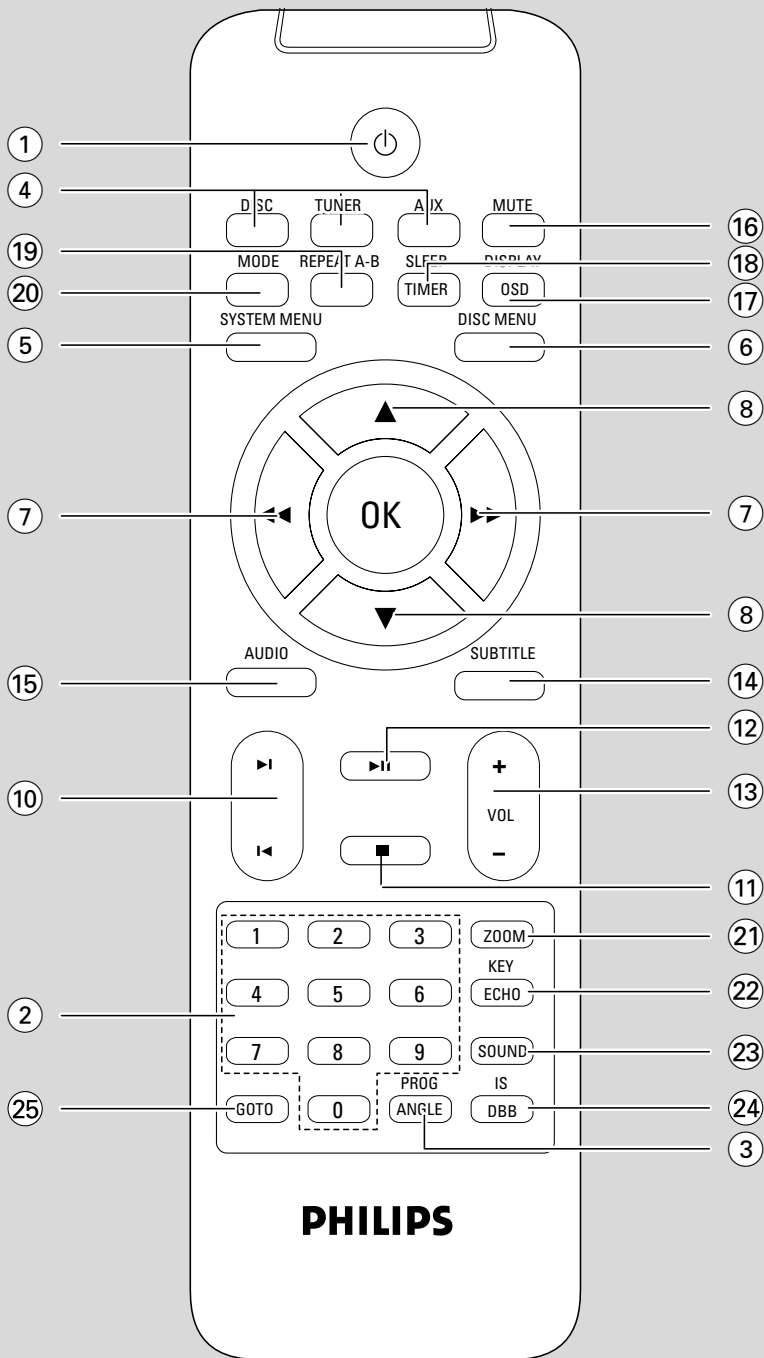
Norge

Typeskilt finnes på apparatens underside.

Observer: Nettbryteren er sekundert innkoplet. Den innebygde netdelen 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.

2

PHILIPS

OPEN·CLOSE ▲ — ⑨

DVD VIDEO

STANDBY-ON

MINI HI-FI SYSTEM FWD831

①

⑫

②

SOURCE — ③

DISC   TUNER   AUX

⑥

⑦

SEARCH   PLAY·PAUSE   SEARCH   CLOCK SET   – VOLUME +   DISPLAY/ BAND

⑥   ⑯   ⑧   ◀◀   ▶❚❚   ▶▶   — ④

⑧

STOP   PRESET

⑤   ❚◀   ■   ▶❚   — ⑩

INCREDIBLE SURROUND
DYNAMIC BASS BOOST

DVD/VCD/WMA/MP3/CD/CD-R/CD-RW COMPATIBLE

DOLBY DIGITAL   Windows Media™   MP3

🎧   MIC 1   MIC 2   – MIC VOL +

⑬

PROGRESSIVE SCAN   KARAOKE   — ⑮

⑭

① ⏻

④ DISC   TUNER   AUX   MUTE   ⑯

⑲ MODE   REPEAT A-B   SLEEP   DISPLAY   ⑱

⑳ MODE   REPEAT A-B   TIMER   OSD   ⑰

⑤ SYSTEM MENU   DISC MENU   ⑥

▲   ⑧

⑦ ◀   OK   ▶▶   ⑦

▼   ⑧

⑮ AUDIO   SUBTITLE   ⑭

⑫ ▶❙

⑩ ▶❙   +   ⑬

❙◀   VOL

■   −

⑪

1   2   3   ZOOM   ㉑

KEY

4   5   6   ECHO   ㉒

②

7   8   9   SOUND   ㉓

PROG   IS

㉕ GOTO   0   ANGLE   DBB   ㉔

③

PHILIPS

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

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

S
Klass 1 laseraparat
Varning! Om apparaten används på annat sätt än i denna bruksanvisning specificerats, kan användaren utsättas för osynlig laserstrålning, som överskrider gränsen för laserklass 1.

Observera! Stömbrytaren är sekundärt kopplad och bryter inte strömmen från nätet. Den inbyggda nätdelen är därför ansluten till elnätet så länge stickproppen sitter i vägguttaget.

SF
Luokan 1 laserlaite
Varoitus! Laitteen käyttäminen muulla kuin tässä käyttöohjeessa mainitulla tavalla saattaa altistaa käyttäjän turvallisuusluokan 1 ylittävälle näkymättömälle lasersäteilylle.

Oikeus muutoksiin varataan. Laite ei saa olla alttiina tippu-ja roiskevedelle.

Huom. Toiminnanvalitsin on kytketty toisiopuolelle, eikä se kytke laitetta irti sähköverkosta. Sisäänrakennettu verkko-osa on kytkettynä sähköverkkoon aina silloin, kun pistoke on pistorasiassa.

Language Code

Abkhazian	6566	Inupiaq	7375	Pushto	8083
Afar	6565	Irish	7165	Russian	8285
Afrikaans	6570	Íslenska	7383	Quechua	8185
Amharic	6577	Italiano	7384	Raeto-Romance	8277
Arabic	6582	Ivrit	7269	Romanian	8279
Armenian	7289	Japanese	7465	Rundi	8278
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Contents

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

Features

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

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

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

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

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

Note:
– To fully enjoy the progressive scan feature, you need a progressive scan TV.

Discs for playback

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

The following formats can't be supported.
• The files like *.VMA, *.AAC, *.DLF, *.M3U, *.PLS, *.WAV,
• The discs recorded under Joliet format

Region Codes

DVDs must be labeled for ALL regions or Region 2 in order to play on this DVD system. You cannot play discs that are labeled for other regions.

Notes:
– For mixed mode discs, only one mode will be selected for playback according to the recording format.
– If you are having trouble playing a certain disc, remove the disc and try a different one. Improperly formatted discs will not play on this system.
– DTS surround audio output is not available in this DVD player.

Supplied accessories

– Composite video cable (yellow)
– Component video cables (red/blue/green)
– Audio cables (white/red)
– AC power cord
– 2 speaker boxes including 2 speaker cables
– MW loop antenna
– FM wire antenna
– Remote Control
– This instruction booklet and a quick start guide

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

● 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 objects filled with liquids, such as vases, shall be placed on the apparatus.

● No naked flame sources, such as lighted candles, should be placed on the apparatus.

● The apparatus shall not be exposed to dripping or splashing.

Avoid condensation problem

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

Do not block the vents

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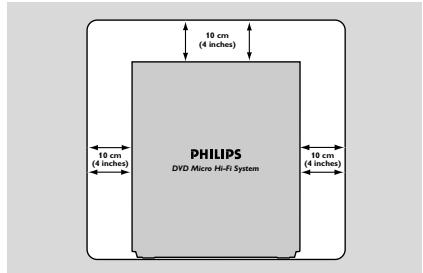
● The ventilation should not be impeded by covering the ventilation openings with items, such as newspapers table-cloths, curtains, etc.

Cleaning the cabinet

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

Cleaning discs

● To clean a 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.

General Information/Maintenance

Finding a suitable location

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

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.

MW antenna

FM antenna

Speaker (right)

Speaker (left)
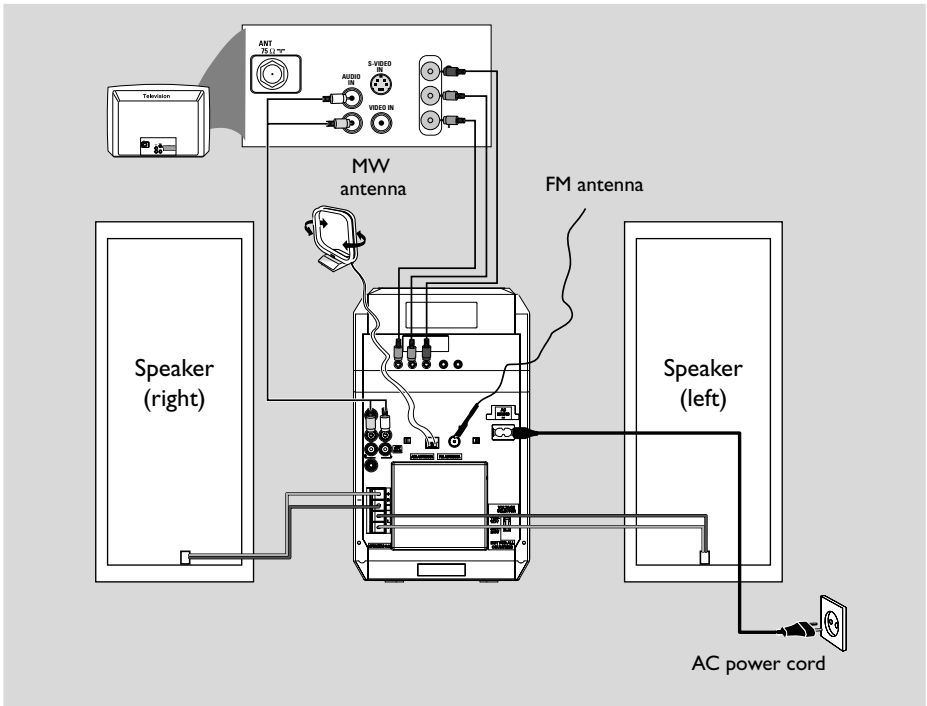
AC power cord

IMPORTANT!
– The type plate is located at the rear of the system.
– 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.
– High voltage! Do not open. You run the risk of getting an electric shock.
– The machine does not contain any user-serviceable parts.
– Modification of the product could result in hazardous radiation of EMC or other unsafe operation.

To avoid overheating of the system, a safety circuit has been built in. Therefore, your system may switch to Standby mode automatically under extreme conditions. If this happens, let the system cool down before reusing it (not available for all versions).
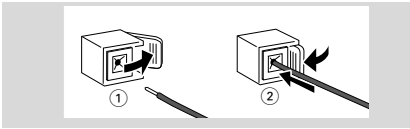
Step 1: Placing speakers
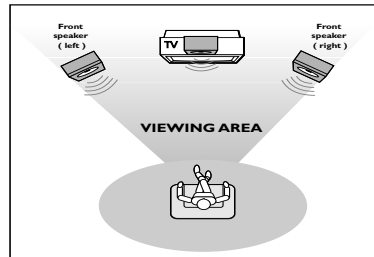
Place the front left and right speakers at equal distances from the TV set and at an angle of approximately 45 degrees from the listening position.

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

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Connections

Step 2: Connecting speakers

Connect the speaker wires to the **SPEAKERS** terminals, right speaker to "RIGHT" and left speaker to "LEFT", coloured (marked) wire to "+" and black (unmarked) wire to "-". Fully insert the stripped portion of the speaker wire into the terminal as shown.

Notes:
– Ensure that the speaker cables are correctly connected. Improper connections may damage the system due to short-circuit.
– For optimal sound performance, use the supplied speakers.
– Do not connect 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.
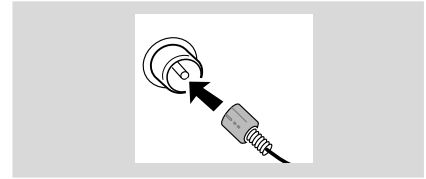
Step 3: Antenna connection

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

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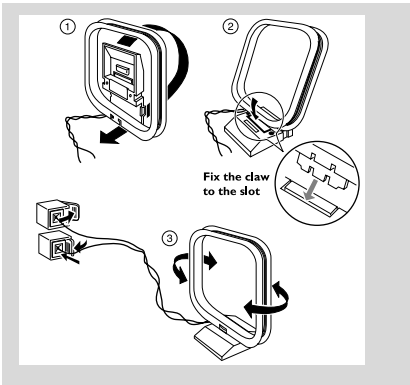
● Position the antenna as far as possible from a TV, VCR or other radiation source.

FM Antenna

● For better FM stereo reception, connect an outdoor FM antenna to the FM AERIAL (FM ANTENNA) terminal.

## Step 4: Connecting TV

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

Using component Video In jack (Cr Cb Y)
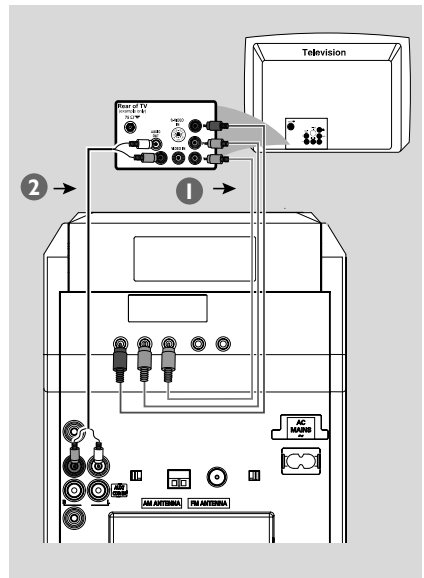
❶ Use the component video cables (red/blue/ green) to connect the system's **Pr/Cr Cr/Cb Y** jacks to the corresponding Component video input jacks on the TV set.

❷ To hear the sound of this DVD Player through your TV, use the audio cables (white/red) to connect **LINE OUT (L/R)** jacks of the DVD Player to the corresponding AUDIO IN jacks on the TV.

Using Video In jack (CVBS)
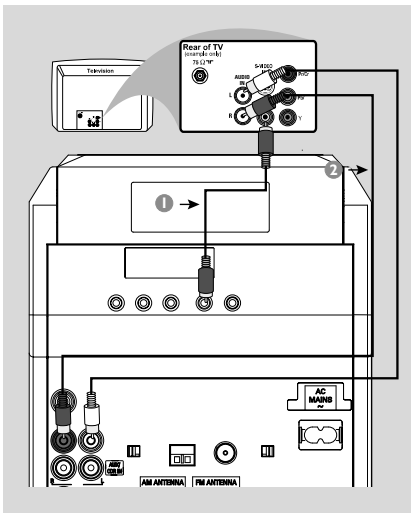
❶ Use the composite video cable (yellow) to connect the system's **VIDEO OUT** jack to the video input jack (or labelled as A/V In, Video In, Composite or Baseband) on the TV set.

❷ To hear the sound of this DVD Player through your TV, use the audio cables (white/red) to connect **LINE OUT (L/R)** jacks of the DVD Player to the corresponding AUDIO IN jacks on the TV.

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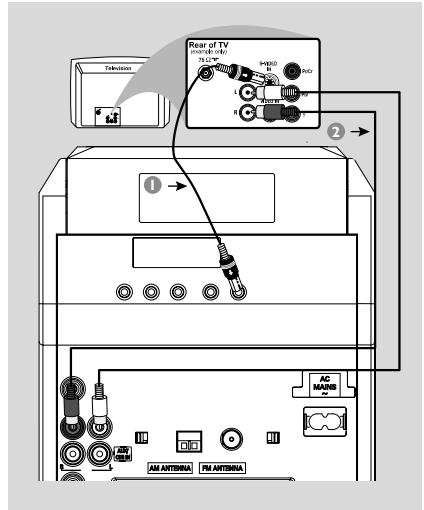
❶ Use the S-Video cable (not supplied) to connect the system's **S-VIDEO OUT** jack to the S-Video input jack (or labelled as Y/C or S-VHS) on the TV set.

❷ To hear the sound of this DVD Player through your TV, use the audio cables (white/red) to connect **LINE OUT (L/R)** jacks of the DVD Player to the corresponding AUDIO IN jacks on the TV.

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Connections

Using an accessory RF modulator

IMPORTANT!
– If your TV set only has a single Antenna In jack (or labelled as 75 ohm or RF In), you will need a RF modulator in order to view the DVD playback via TV. See your electronics retailer or contact Philips for details on RF modulator availability and operations.
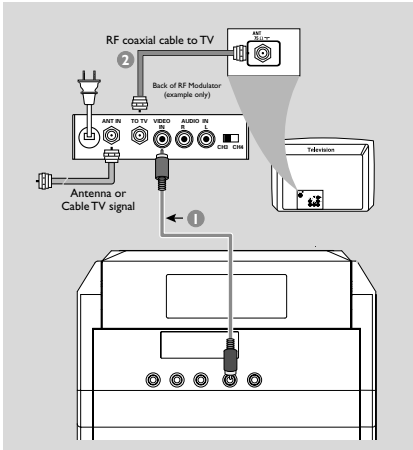
➊ Use the composite cable (yellow) to connect the system's **VIDEO OUT** jack to the video input jack on the RF modulator.

➋ Use an RF coaxial cable (not supplied) to connect the RF modulator to your TV's RF jack.

## Step 5: Connecting the power cord

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.

Optional: 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.**
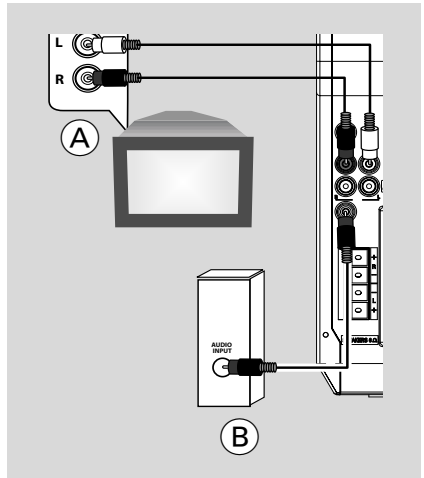
Viewing and listening to the playback of other equipment Ⓐ

Connect the system's **AUX/CDR 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.

Connecting an active subwoofer Ⓑ
Connect the DVD mini system's
SUBWOOFER OUT jack to the AUDIO INPUT jack on an active subwoofer (not supplied).
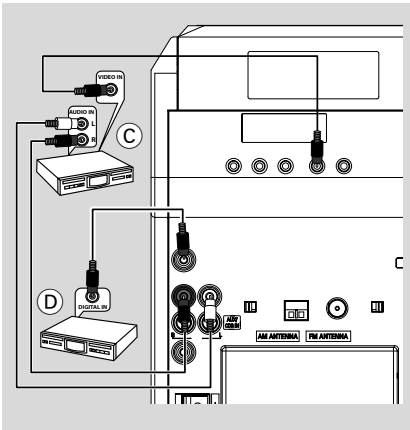
Using the VCR for recording DVDs Ⓒ
Connect one of the system's **VIDEO OUT** jacks to the corresponding VIDEO IN jack and **LINE OUT (R/L)** jacks to the AUDIO IN jacks on the VCR. This will allow you to make analogue stereo (two channel, right and left) recordings.

Recording (digital) Ⓓ
Connect the system's **DIGITAL OUT** jack to the DIGITAL IN jack on a digital recording device (such as DTS-Digital Theatre compatible, with Dolby Digital decoder).
Before starting operation, set the DIGITAL OUT according to the audio connection. (See "System Menu Options-DIGITAL OUT".)

Controls *(illustrations on page 3 &4)*

Controls on the system

1 **STANDBY-ON/ECO POWER** ⏻
– to switch the system on or to Eco power/normal standby mode.

2 **Display screen**
– to view the current status of the system.

3 **SOURCE**
– to select the respective sound source: DISC, TUNER or AUX.

4 **DISPLAY/BAND**
for Tuner................ to select waveband : FM or MW.
for DVD/VCD/CD/MP3-CD
.... to display disc information on the TV screen and system display panel during playback.

5 **PRESET |◄ / ►|**
for Tuner .... to select a preset radio station.
for DVD/VCD/CD/MP3 CD
.... to select a desired track.

6 **SEARCH ◄◄/►►**
*for DVD/VCD/CD.
.... to fast reverse/forward the disc. (It is impossible to fast reverse/ forward for MP3-CD.)
for Tuner .... to tune to a lower or higher radio frequency.
for clock/timer. to adjust the hours and minutes.

7 **PLAY•PAUSE ►II**
for disc .... to start or interrupt playback.
for Tuner .... to activate plug and play function.

8 **STOP ■**
for DVD/VCD/CD/MP3-CD…to stop playback or to clear a program.

9 **OPEN/CLOSE ▲**
– to open the disc compartment.

10 **VOLUME -/+**
– to increase or decrease the volume.

11 **CLOCK SET**
*for Clock .... *(on the system only)* to set the clock function.

12 **iR sensor**
– infrared sensor for remote control.

13 ⌂
– to connect headphones.

14 **MIC 1/2**
– to connect microphone.

15 **MIC VOL -/+**
– to adjust the mixing level for Karaoke.

Controls on the remote control

1 ⏻
– to switch the system on/off.

2 **Numeric Keypad (0-9)**
– to input a track/title/chapter number of the disc.

3 **PROG/ANGLE**
– DVD/VCD/CD/MP3-CD: to enter the program menu.
– Tuner: to program preset radio stations.
– DVD: to select a DVD camera angle.

4 **SOURCE**
– to select the respective sound source: DISC, TUNER or AUX.

5 **SYSTEM MENU** (disc mode only)
– to enter or exit the system menu bar.

6 **DISC MENU** (disc mode only)
– DVD/VCD: to enter or exit the disc contents menu.
– VCD2.0: in stop mode, to switch 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
– (not for MP3 CD) to search backward/forward in a disc at different speeds.
– In DISC mode, to select a movement direction in the disc menu or system menu bar.
– to move an enlarged picture left/right.
– for picture CD, to rotate an image clockwise or counterclockwise.

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

⑧ ▲/▼
– In DISC mode, to select a movement direction in the disc menu or system menu bar.
– moves an enlarged picture up/down.
– (▼) selects different slow playback modes for a VCD/SVCD/DVD disc.
– (▲) starts frame-by-frame playback for DVD/VCD/SVCD.

⑨ **OK**
– to exit or confirm the selection.

⑩ **I◀ / ▶I**
– Disc: skips to the previous/next chapter/title/track.
– Tuner: to select a preset radio station.
– to adjust the hours and minutes for the clock/timer function.

⑪ **■**
– In DISC mode, to stop playback or clear a program.

⑫ **▶II**
– In DISC mode, to start or interrupt playback.

⑬ **VOL +/-**
– adjusts the volume upward/downward.
– adjusts the echo/level or turns on/off the MIC in the karaoke mode.

⑭ **SUBTITLE**
– selects a subtitle language.

⑮ **AUDIO**
  for VCD
– sets Stereo, Mono-Left or Mono-Right sound mode.
  for DVD
– selects an audio language.

⑯ **MUTE**
– to interrupt or resume sound reproduction.

⑰ **DISPLAY (OSD)**
– displays information on TV screen during playback.

⑱ **SLEEP/TIMER**
  Standby mode
– sets a time for switching on the system automatically.
  Power-on mode
– sets the sleep timer function (auto-off).

⑲ **REPEAT A-B**
– for VCD/CD: to repeat a specific section within the same track.
– for DVD: to repeat a specific section in a disc.

⑳ **MODE**
– to select various repeat modes or the shuffle play mode for a disc.

㉑ **ZOOM**
– DVD/VCD/Picture CD: enlarges or reduces a picture or active image on the TV screen.

㉒ **KEY/ECHO**
– turns on/off microphone setting.
– turns on/off key setting.

㉓ **SOUND**
– selects different types of preset sound equalizer settings: OPTIMAL, ROCK, JAZZ or TECHNO during CD/MP3/WMA playback; HALL, CINEMA or CONCERT during DVD/VCD playback.

㉔ **IS/DBB**
– *to create a super-enhanced stereo effect.
– to select desired bass enhancement effect.

㉕ **GOTO**
– In DISC mode, to fast search in a disc by entering a time, title, chapter or track.

   Notes for remote control:
   – First, select the source you wish to control by pressing one of the source select keys on the remote control (DISC or TUNER, for example).
   – Then select the desired function (▶II, I◀, ▶I for example).

---

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

Preparations

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

Step 1: Using Remote Control
IMPORTANT!
**– Before using the remote control,
remove the insulation plastic tab as
shown in the picture below.**
**– If the remote control does not
function correctly or the operating range
is reduced, replace the battery with a
new (CR2025) battery.**
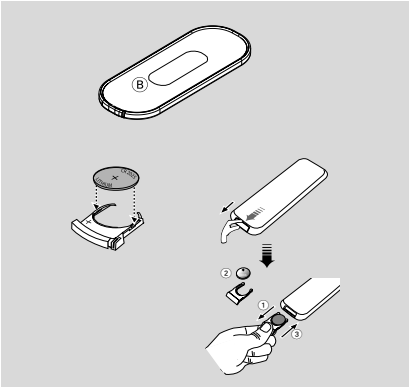
❶ Push to open the battery tray.

❷ Replace a new battery according to the
indicated polarity.

❸ Push the battery tray back to close it.

**Using the Remote Control to operate
the Player**

❶ Aim the Remote Control
directly at the remote sensor
(IR) on the front panel.

❷ Select the source you wish to
control by pressing one of the
source select buttons on the
remote.

❸ Then select the desired function
(for example,   ▶❙❙,❙◀ or ▶❙).
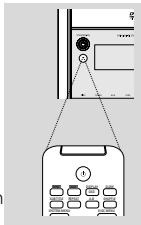
CAUTION!
**– Remove the battery if it is exhausted
or if the Remote Control is not being
used for a long time.**
**– Batteries contain chemical substances,
so they should be disposed of properly.**

Step 2: Setting the clock

❶ Go to Standby mode.

❷ Press and hold **CLOCK SET** on the front
panel.
➜ "SET CLOCK" is displayed briefly. Then, the
hour digits flash on the display screen.

❸ Press **SEARCH** ◀◀/▶▶ (❙◀/▶❙ on the
remote) to set the hours.

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

❺ Press **SEARCH** ◀◀/▶▶ (❙◀/▶❙ on the
remote) to set the minutes.

❻ Press **CLOCK SET** 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.*

Step 3: Setting video preference

IMPORTANT!
– Make sure you have completed all the necessary connections. (See "Connections-Connecting TV".)
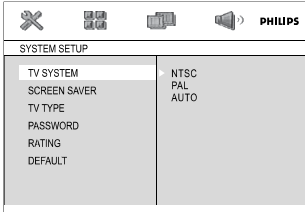
Turn on the TV set and set it to the correct Video-In channel.

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

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

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

❶ In stop mode or during playback, press **SYSTEM MENU**.

❷ Press ◄◄/►►/▲/▼ on the remote control to toggle through the functions and select your preferential option.

➜ Move to **SYSTEM SETUP** and press ▼.
➜ Move to one of the following and press ►►.

– Setting 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.

– Setting TV TYPE

Select 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.

Preparations

Note:
The format you select must be available on the disc. If it is not, the setting for TV Type will not affect the picture during playback.

**To exit the menu**

Press **SYSTEM MENU** again.

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

The progressive scan display twice the number of frames per seconds than interlaced scanning (ordinary normal TV system). With nearly double the Ember of lines, progressive scan offers higher picture resolution and quality.
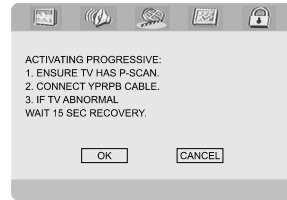
IMPORTANT!
Before enabling the progressive scan feature, you must ensure:
1) Your TV can accept progressive signals, a progressive scan TV is required.
2) You have connected the DVD player to your TV using Y Pb Pr (see "Connections-Step 4: Connecting TV- Using component Video In jack (Cr Cb Y)".)

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/ECO POWER** ⏻ (⏻ on the remote) 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 "**VIDEO SETUP**".

❼ Select "**TV MODE**" to "**P-SCAN**", then **OK** to confirm.
→ The instruction menu appears on the TV.

ACTIVATING PROGRESSIVE:
1. ENSURE TV HAS P-SCAN.
2. CONNECT YPRPB CABLE.
3. IF TV ABNORMAL
WAIT 15 SEC RECOVERY.

OK   CANCEL

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 below menu appears on the TV.

CONFIRM TO USE P-SCAN
IF PICTURE IS GOOD
PRESS OK BUTTON ON REMOTE

TIME LAST 05 SECOND.

OK   CANCEL
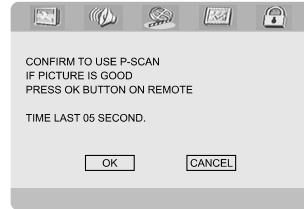
❿ Press ◄◄/►► to highlight OK in the menu and press **OK** to confirm.
→ The setup is complete now and you can start enjoy the high quality picture.

Note:
– If a blank/distorted TV screen appears, wait for 15 seconds for auto recovery.

Step 4: Setting language preference

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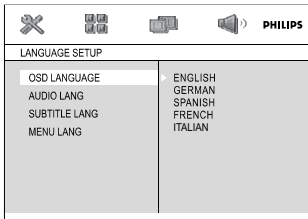

❶ In stop mode or during playback, press **SYSTEM MENU**.

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**.

❹ Repeat **steps 2~3** for other settings.

To exit the menu

Press **SYSTEM MENU** again.

Basic Functions

Switching the system on/off

● Press **STANDBY-ON/ECO POWER** ⏻ (⏻ on the remote).
→ The system will switch to the last selected source.

● Press **SOURCE** repeatedly (or **DISC**, **TUNER** or **AUX** on the remote).
→ The system will switch to the selected source.

Switching the system to Eco Power Standby mode

● Press **STANDBY-ON/ECO POWER** ⏻ in the active mode.
→ The system enters Eco power standby (the ECO POWER LED is on) or normal standby 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.

● If the system is normal standby with clock display, press and hold **STANDBY-ON/ECO POWER** ⏻ for 3 seconds or more to switch to Eco power standby or vice versa.

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 30 minutes after a disc has stopped playing.

Sound Control

● Press **SOUND** repeatedly to select the desired sound effect: OPTIMAL, ROCK, JAZZ or TECHNO during CD/MP3/WMA playback; HALL, CINEMA or CONCERT during DVD/ VCD playback.

● Press **IS/DBB** on the system to switch on or off the surround sound effect or bass enhancement.

Note:
– The effect of INCREDIBLE SURROUND may vary with different types of music.

Volume control

Turn the **VOLUME** control on the front panel 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 listen through the headphone

● Connect the headphone plug to the 🎧 socket on front panel of the DVD player.
→ The speakers will be muted.

To switch off the volume temporarily

● Press **MUTE** on the remote.
→ Playback will continue without sound and the mute icon turns on.

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

Microphone Mixing

Connect one or two microphones (not supplied) to the system to sing along with the music source.

❶ Connect one or two microphones to the **MIC 1/2** jacks.

● Before connecting the microphone(s), set the microphone volume to the minimum level to prevent howling sound by turning the **MIC VOL -/+** knob.

❷ During DVD/VCD playback, press and hold **KEY/ECHO** on the remote to turn on echo setting.
→ "ECHO SET ON" appears on the TV screen.

❸ Press **VOL -/+** on the remote to select: ECHO OFF → ECHO +1 → ECHO +2 → ECHO MAX.

❹ Start singing or talking through the microphone.

Notes:
– Keep the microphones away from the speakers to prevent howling.
– During echo or key setting, the system will exit the setting mode if no karaoke-related button is pressed within 8 seconds.

Key Control

This feature allows you to change the key tone of your vocal range.

● Press **KEY/ECHO** on the remote to turn on key setting and use **VOL -/+** to adjust the key level up/down (-6 to 06).

Plug and Play *(for tuner installation)*

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

If plug and play has not been installed

❶ When you turn on the system, "*AUTO INSTALL- PRESS PLAY*" will be displayed.

❷ Press ►II to start installation.
→ "*INSTALL*" will be displayed and followed by "*TUNER*" and then "*AUTO SEARCHING*".
→ **PROG** will start to flash.
→ The system will search all radio stations on the FM band, and then the MW band.
→ All available radio stations with strong signal strength will be stored automatically.
→ The system will stop searching when all available radio stations are stored or when the memory for 40 preset radio stations is full.

Reinstalling plug and play

❶ In Standby, press and hold ►II on the system until "*AUTO INSTALL -PRESS PLAY*" is displayed.

❷ Press ►II to start installation.
→ All previously stored radio stations will be replaced.

To exit without storing the plug and play

● Press **STOP** ■ on the system.

Note:
– If Plug and Play installation is not completed and no station is preset, it will be reinitiated the next time you power on the system.

Disc Operations

IMPORTANT!

– This system is designed for regular discs. Therefore, do not use any accessories such as disc stabiliser rings or disc treatment sheets, etc., as offered on the market, because they may jam the disc mechanism.

– Do not move the system during playback. Doing so may damage the system.

– DVD discs and players are designed with regional restrictions. Before playing a disc, make sure the disc matches the regional code of your player.

– According to the format requirement of DVD or VCD, some operations may be different or restricted.

– Do not push on the disc tray or put any objects other than disc on the disc tray. Doing so may cause the disc player malfunction.

– If 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

❶ Connect the power cords of the system and TV (or any optional stereo or AV receiver) to a power outlet.

❷ Turn on the TV power and set to the correct Video In channel. (See "Setting up the TV".)

❸ Press **STANDBY-ON/ECO POWER** ⏻ on the DVD Player front panel or ⏻ on the remote.
→ You should see the blue Philips DVD background screen on the TV.

❹ Press **OPEN•CLOSE** ⏏ to open the disc door and load in a disc, then press the same button again to close the disc door.
→ Make sure the label side is facing up.

❺ 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".)

❻ At any time, simply press **STOP** ■ to stop playback.

Using the disc menu

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

To select a playback feature or item

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

To access or exit the menu

● Press **DISC MENU** on the remote.

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

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

● In stop mode, 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 /WMA)

❶ During playback, press **PLAY/PAUSE ►II**.
→ Playback will pause and sound will be muted.

❷ Press **PLAY/PAUSE ►II** again to resume.

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

❶ Press **PRESET** I◄/►I during playback to go to the previous or next chapter/title/track.

❷ To go directly to any chapter/ title/track, enter the chapter/ title/track number using the **Numeric Keypad (0-9)**.

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

● In stop mode and when a disc has not been removed, press **PLAY/PAUSE ►II**.

To cancel resume mode

● In stop mode, press **STOP** ■ again.

Disc Operations

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

❶ Press **ZOOM** repeatedly to enlarge or reduce the playback video image.

❷ Press ◄◄/►►/▲/▼ to pan across the TV screen.

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

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

For DVD
CHAPTER
– to repeat playback of the current chapter.

TITLE
– to repeat playback of the current title.

OFF
– switches off the repeat mode.

For VCD/MP3/CD
REP 1
– to repeat playback of the current track.

REP ALL
– to repeat playback of the whole disc.

REPEAT ALL SHUFFLE
– to repeat playback of the whole disc in random order.

REPEAT ALL SHUFFLE OFF
– switches off the repeat mode.

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

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

❷ Press **REPEAT 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 **REPEAT A-B** again.
→ "A-B CANCEL" is displayed on the TV screen.

Program (not for DVD/Picture CD)

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

PROG			
T C	T C	T C	T C
1 --:--	5 --:--	9 --:--	13 --:--
2 --:--	6 --:--	10 --:--	14 --:--
3 --:--	7 --:--	11 --:--	15 --:--
4 --:--	8 --:--	12 --:--	16 --:--

❶ Press **PROG/ANGLE** to enter the program mode.

❷ Use the **Numerical Keypad (0-9)** to directly input the tracks and press **OK** to confirm.

❸ Press ►II to start playback.
→ The program icon on the display panel will turn on.

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Disc Operations

❶ Press **SEARCH ◀◀/▶▶** during playback to select the required speed: 2X, 4X, 8X or 20X (backward or forward).
➜ Sound will be muted.

❷ To return to normal speed, press **PLAY/PAUSE ▶II**.

❶ Press **GOTO** until the time or chapter/track edit box appears.

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

● During playback, press **DISPLAY (OSD)** to show disc information on the TV screen.

For DVD/VCD/CD
➜ Elapsed playback time of the current track/chapter.
➜ Remaining playback time of the current track/title.
➜ Elapsed playback time of the whole disc.
➜ Remaining playback time of the whole disc.
➜ Display off.

For MP3 CD
➜ Elapsed playback time of the current track.
➜ Remaining playback time of the current track.

Special disc features

❶ Press **DISC MENU**.
➜ The disc title menu appears on the TV screen.

❷ Use **◀◀/▶▶/▲/▼** to select a play option.

❸ Press **OK** to confirm.

● Press **PROG/ANGLE** repeatedly to select different desired angle.

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

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

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

Playing MP3/WMA/JPEG Disc

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

Playing MP3/WMA disc

General operation

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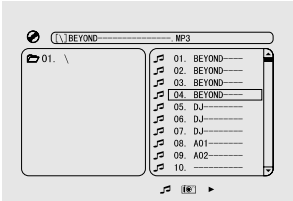
❸ Press ►► to move to the track column on the right of the TV screen and then use ▲/▼ to highlight a track; or directly use the **Numeric Keypad (0-9)** to input a track number.

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 **PRESET** ⏮/⏭ to select another track in the current album.

● Press **PLAY/PAUSE** ►II repeatedly to pause/resume playback.

Playing JPEG Picture CD

General operation

❶ Load a JPEG Picture CD.
➜ A data disc menu appears on the TV screen and playback starts automatically from the first file.

❷ 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.

❸ 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.

❹ Press **OK** to confirm.

Playback selection

During playback, you can:

● Press **PRESET** ⏮/⏭ to select another file in the current folder.

● Use ◄◄/►►/▲/▼ on the remote to rotate/flip the picture files.

● Press ►II on the remote repeatedly to pause/resume playback.

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

Special JPEG features

Zoom picture (JPEG)

● During playback, press **ZOOM** repeatedly to display the picture with different scales (X2, X3, X4, X1/2, X1/3 and X1/4).

● Use ◄◄/►►/▲/▼ to view the enlarged picture.

Playback with multi-angles (JPEG)

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

System Menu Options

Basic operations

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", "TV TYPE", "PASSWORD", "RATING" and "DEFAULT".
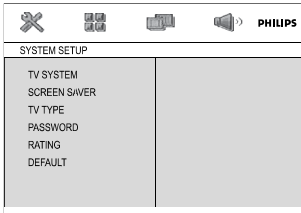
TV SYSTEM

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

SCREEN SAVER

This function is used to turn the screen saver on or off.
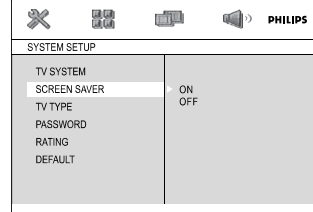
→ **ON**: In STOP or No DISC mode, if no actions are performed about 3 minutes, the screen saver will be activated.
→ **OFF**: Screen saver is disabled.

TV TYPE

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

PASSWORD

You can enter your four-digit password to activate or deactivate rating control.
→ " 🔒 " is displayed if rating control is activated.
→ " 🔓 " is displayed if rating control is deactivated.
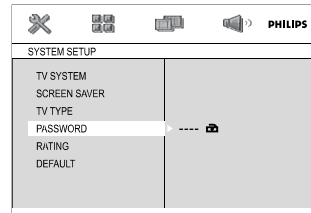
To change password

❶ Move to "PASSWORD" and press ►► or **OK** to enter its submenu.

❷ If " 🔒 " is displayed, enter the default password (0000) and press **OK** to unlock.

● If " 🔓 " is displayed, directly proceed with Step 3 and 4.

❸ Enter your new four-digit password using **Numeric Keypad (0-9)** on the remote.

❹ Press **OK** to confirm and the new password takes effect.

Note:
– The default password (0000) is always active even if the password has been changed.

RATING

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

The rating levels are from 1 to 8 and are country dependent. You can prohibit the playing of certain discs that are not suitable for your children or have certain discs played with alternative scenes.
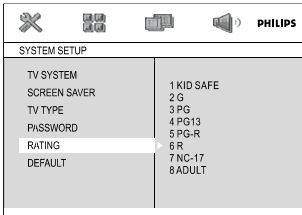
● VCD, SVCD and CD have no level indication, so parental control function has no effect on those kinds of discs. This applies to most illegal DVD discs.

❶ Press ▲/▼ to highlight "RATING".

❷ Enter its submenu by pressing ►►.

❸ Use ▲/▼ to highlight a rating level for the disc inserted.
➜ DVDs that are rated above the level you selected will not play unless you enter your four-digit password and choose a higher level rating.

Note:
– Some DVDs are not encoded with a rating though the movie rating may be printed on the Disc cover. The rating level feature does not work for such Discs.

Rating explanations

1 KID SAFE
– Suitable for children.

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

3 PG
– Parental Guidance suggested.

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

5-6 PG-R, R
– Parental Guidance – Restricted; recommended that parents restrict children under 17 from viewing or allow them to view only when supervised by a parent or adult guardian.

7 NC-17
– No children under age 17; not recommended for children under age 17.

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

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.
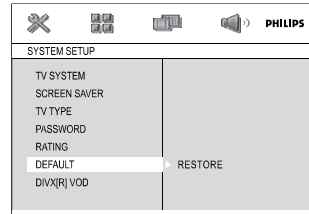
❶ Press ▲/▼ to highlight "DEFAULT".

❷ Highlight "RESTORE" by pressing ►►.

❸ Press **OK** to confirm selection.

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

System Menu Options

LANGUAGE SETUP

The options included in LANGUAGE SETUP page are: "OSD LANGUAGE", "AUDIO LANG", "SUBTITLE LANG" and "MENU LANG".
See "Preparations-Step 4: Setting language preference" for details.

VIDEO SETUP

The options included in VIDEO SETUP page are: "COMPONENT", "TV MODE", "BRIGHTNESS", "CONTRAST", "HUE" and "SATURATION".

```
  ✕    ▦▦    🖵    🔊))   PHILIPS

  VIDEO SETUP

      COMPONENT
      TV MODE
      BRIGHTNESS
      CONTRAST
      HUE
      SATURATION
```
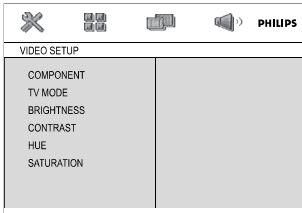
COMPONENT

Sets the video output according to your video connection. This setting is not required if you are using the **VIDEO OUT** jack (yellow) to connect the DVD mini system to your TV.
➜ **Pr/Cr Pb/Cb Y**: Select this if you have connected the DVD mini system to your TV using Component video jacks.
➜ **SVIDEO**: Select this if you have connected the DVD mini system to your TV using S-Video jack.

TV MODE

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

In the progressive scan mode, you can enjoy the high quality picture with less flickers. It only works when you have connected the DVD player's Y Pb Pr jacks to your TV that supports the progressive video input. Otherwise, a distorted picture will appear on the TV. For proper progressive scan set up, see "Preparations-Setting up Progressive Scan feature".

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

The options included in AUDIO SETUP page are: "DIGITAL OUT", "DOWNMIX", "3D PROCESSING", "LPCM" and "NIGHT MODE".

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  AUDIO SETUP

      DIGITAL OUT
      DOWNMIX
      3D PROCESSING
      LPCM
      NIGHT MODE
```
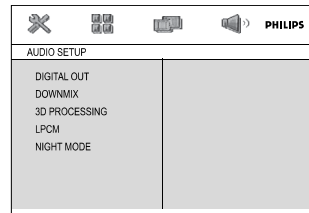
DIGITAL OUT

➜ **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 options 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.

Radio Reception
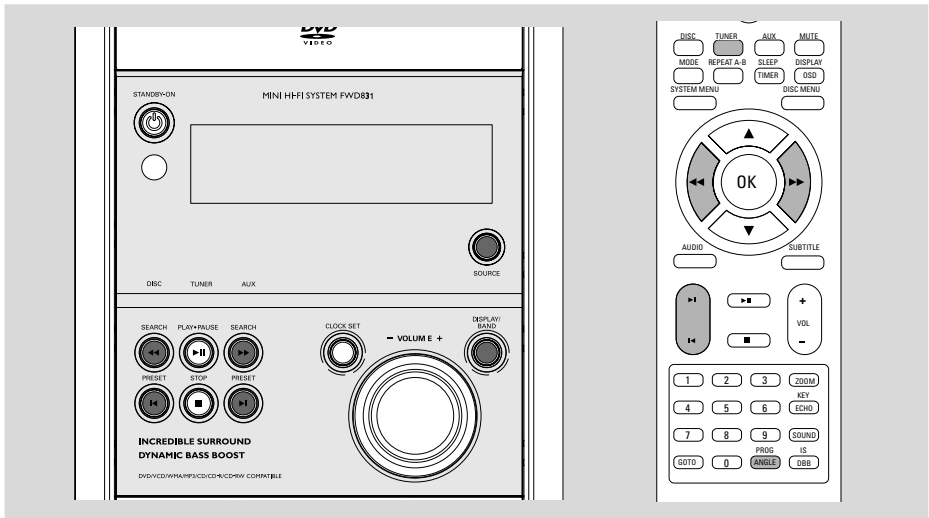
Tuning to radio stations

❶ Select **TUNER** source.
➜ "FM" or "MW" is displayed.

❷ Press **DISPLAY/BAND** (**TUNER** on the remote) to select the desired waveband : FM or MW.

❸ Press and hold **SEARCH** ◄◄/►► and then release it.
➜ The display will show "SEARCH" until a radio station with sufficient signal strength is found.

❹ Repeat step **3** 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.

Programming radio stations
You can store up to 40 radio stations in the memory (20 for FM and 20 for MW).

Automatic programming

Press **PROG/ANGLE** for more than three seconds to activate programming.
➜ All available stations are programmed.
➜ AUTO is displayed and available stations are programmed in order of waveband.

Manual programming

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

❷ Press **PROG/ANGLE** to activate programming.
➜ PROG flashes on the display and PX appears, in which X stands for the programme number.

❸ Press **PRESET** I◄/►I to allocate a number from 1 to 20 for this station.

❹ Press **PROG/ANGLE** again to confirm the setting.
➜ The frequency of the preset station is shown.

❺ Repeat the above four steps to store other stations.

● You can override a preset station by storing another frequency in its place.

Note:
– During setting, if no button is pressed within 30 seconds, the system will exit manual programming automatically.

Tuning to preset radio stations
● Press **PRESET** I◄/►I until the desired preset station is displayed.

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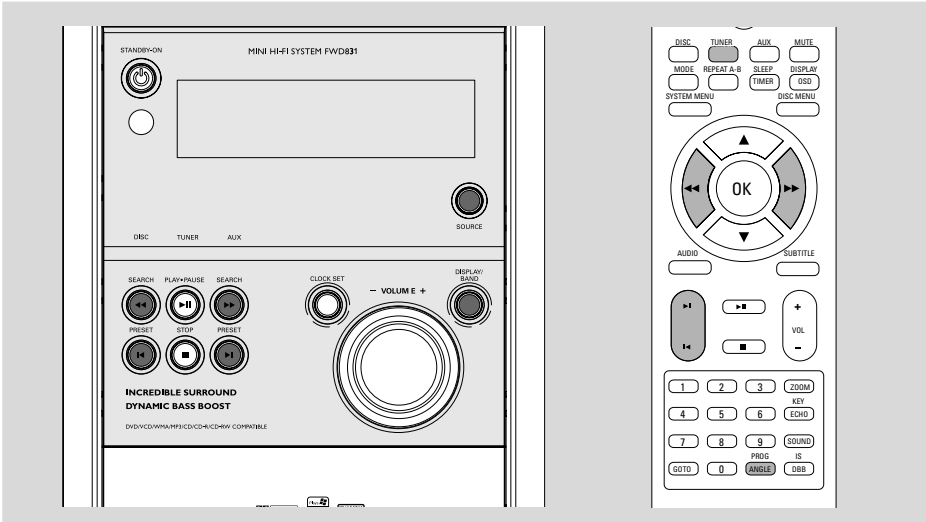
Clock setting

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

Timer setting

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

❶ In standby mode, press and hold **SLEEP/TIMER** on the remote for more than two seconds.
➜ "*SELECT SOURCE*" scrolls followed by the last selected source.

❷ Press **SOURCE** to select your desired source and press **SLEEP/TIMER** to confirm.
➜ "*SET ON TIME*" scrolls followed by "*ON 0 : 00*".

❸ Press **SEARCH ◄◄/►►** (◄◄/►►| on the remote) to set the hours and press **SLEEP/TIMER** to confirm.

❹ Press **SEARCH ◄◄/►►** (◄◄/►►| on the remote) to set the minutes and press **SLEEP/TIMER** to complete the setting.
➜ The timer is now set and activated.

● In standby or during playback, press **SLEEP/TIMER** on the remote **once**.
➜ Display shows ⏱ if activated, and disappears if deactivated.

Sleep timer setting

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

❶ Press **SLEEP/TIMER** on the remote control repeatedly to select a preset time.
➜ The selections are as follows (time in minutes):
   90 → *80* → *70* → *60* → *50* → *40* → *30* → *20* → *10* → *OFF*

➜ "*SLEEP XX*" or "*OFF*" is displayed. "*XX*" is the time in minutes.

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

To deactivate the sleep timer
● Press **SLEEP/TIMER** repeatedly until "*OFF*" is displayed, or press **STANDBY-ON/ECO POWER** ⏻.

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Specifications

AMPLIFIER

Output power .... 2 × 75 W RMS
Signal-to-noise ratio .... ≥ 60 dBA
Frequency response63 – 20000 Hz, +0.5 / -1 dB
Input sensitivity AUX .... 1.0 V (max. 2 V)
Impedance loudspeakers .... 6 Ω
Impedance headphones .... 32 Ω -1000 Ω

DVD PLAYER

Laser Type .... Semiconductor
Disc Diameter.. 12cm / 8cm
Video Decoding .... MPEG-2 / MPEG-1
Video DAC .... 10 Bits
Signal System .... PAL / NTSC
Video Format .... 4:3 / 16:9
Video S/N .... 56 dB (minimum)
Composite Video Output .... 1.0 Vp-p, 75 Ω
S-Video Output .... Y - 1.0 Vp-p, 75 Ω
.... C - 0.286 Vp-p, 75 Ω
Audio DAC .... 24 Bits / 96 kHz
Frequency Response .... 4 Hz - 20 kHz (44.1kHz)
.... 4 Hz - 22 kHz (48kHz)
.... 4 Hz - 44 kHz (96kHz)
Digital Output ....
.... SPDIF (Sony Philips digital interface) Coaxial
Number of programmable tracks 16
Signal-to-noise ratio .... ≥ 65 dBA
Channel separation .... ≥ 40 dB (1 kHz)
Total harmonic distortion .... < 0.1% (1 kHz)

TUNER

FM wave range .... 87.5 – 108 MHz
MW wave range (9 kHz) .... 531 – 1602 kHz
Tuning grid .... 9 kHz
Sensitivity at 75 Ω
– mono, 26 dB signal-to-noise ratio .... 2.8 µV
– stereo, 46 dB signal-to-noise ratio .... 61.4 µV
Selectivity .... ≥ 28 dB
Total harmonic distortion .... ≤ 5%
Frequency response .... 63 – 5500 Hz (-6 dB)
Signal-to-noise-ratio .... ≥ 50 dBA

SPEAKERS

2-way bass reflex system
Woofer .... 2 × 13 cm
Tweeter .... 1 × 5 cm
Dimensions (w × h × d) ....
.... 165 × 410 × 285 (mm)

GENERAL INFORMATION

AC Power .... 220 – 230V;
.... 50 Hz
Dimensions (w × h × d) ....
.... 177 × 292 × 341 (mm)
Weight(with/without speakers) .... 17.7 /5.9 kg
Standby power consumption .... ≤ 15 W
Eco Power Standby .... 1 W

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 Philips for help.

Problem	Solution
No power.	✔ Check if the AC power cord is properly connected.
"NO DISC" is displayed.	✔ 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.	✔ 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.
Distorted or poor picture.	✔ Sometimes a slight picture distortion may appear. This is not a malfunction. ✔ Clean the disc. ✔ Connect the system to the S-video input of your TV set.
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.	✔ 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.
The DVD player does not respond when buttons are pressed.	✔ Disconnect the power plug from the jack, and insert again.

Troubleshooting

Problem	Solution
The language for the sound or subtitle cannot be changed when playing a DVD.	✔ Multi-language sound or subtitle is not recorded on the DVD. ✔ Changing the language for the sound or subtitle is prohibited on the DVD.
No image is output when a function is selected.	✔ Make sure the component is connected correctly. ✔ Press the correct function button for the input source.
Sound cannot be heard or is of poor quality	✔ Adjust the volume. ✔ Disconnect the headphones. ✔ Check that the speakers are connected correctly. ✔ Check if the stripped speaker wire is clamped. ✔ If the system is in pause, slow motion or fast forward/reverse mode, press PLAY/PAUSE ▶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. ✔ Ensure that the DTS disc also supports Dolby Digital output.
Poor radio reception.	✔ If the signal is too weak, adjust the antenna or connect an external antenna for better reception. ✔ Increase the distance between the System and your TV set or VCR.
Left and right sound outputs are reversed.	✔ Check the speaker connections and location.
The remote control does not function.	✔ Point the remote control at the remote control sensor of the unit. ✔ Reduce the distance to the player. ✔ Remove any possible obstacles. ✔ Replace the batteries with new ones. ✔ Check that the batteries are loaded correctly.
The timer is not working	✔ Set the clock correctly. ✔ If recording is in progress, stop it
The Clock/Timer setting is erased	✔ Power has been interrupted or the power cord has been disconnected. Reset the clock/timer.

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

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

AUDIO OUT Jacks: Jacks on the back of the DVD System that send audio to another system (TV set, Stereo, etc.).

Bit Rate: The amount of data used to hold a given length of music; measured in kilobits per second, or kbps. Or, the speed at which you record. Generally, the higher the bit rate 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.

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

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

JPEG: A still-picture data compression system proposed by the Joint Photographic Expert Group, which features small decrease in image quality in spite of its high compression ratio.

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

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

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

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

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

Region code: A system allowing discs to be played only in preset regions. This unit will only play discs that have compatible region codes. You can find the region code of your unit from the product label. Some discs are compatible with more than one region (or ALL regions).

S-Video: Produces a clear picture by sending separate signals for luminance and the color. You can use S-Video only if your TV set has S-Video In jack.

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

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

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

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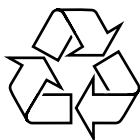
English

Français

Español

Deutsch

Nederlands

Italiano

Svenska

Dansk

FWD831

**CLASS 1
LASER PRODUCT**