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Micro System
MCD289



EN User manual

DA Brugervejledning

DE Benutzerhandbuch

ES Manual de usuario

FR Mode d'emploi

IT Manuale utente

NL Gebruiksaanwijzing

SV Användarhandbok

PHILIPS

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English

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1 Important

Safety

Important Safety Instructions

- ① Read these instructions.
- ② Keep these instructions.
- ③ Heed all warnings.
- ④ Follow all instructions.
- ⑤ Do not use this apparatus near water.
- ⑥ Clean only with dry cloth.
- ⑦ Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- ⑧ Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- ⑨ Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- ⑩ Only use attachments/accessories specified by the manufacturer.
- ⑪ Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.



- ⑫ Unplug this apparatus during lightning storms or when unused for long periods of time.

⑬ Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

⑭ Battery usage CAUTION – To prevent battery leakage which may result in bodily injury, property damage, or damage to the unit:

- Install all batteries correctly, + and - as marked on the unit.
- Do not mix batteries (old and new or carbon and alkaline, etc.).
- Remove batteries when the unit is not used for a long time.

⑮ Apparatus shall not be exposed to dripping or splashing.

⑯ Do not place any sources of danger on the apparatus (e.g. liquid filled objects, lighted candles).

⑰ This product may contain lead and mercury. Disposal of these materials may be regulated due to environmental considerations. For disposal or recycling information, please contact your local authorities or the Electronic Industries Alliance: www.eiae.org.

⑱ Where the MAINS plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.



Warning

- Never remove the casing of this apparatus.
- Never lubricate any part of this apparatus.
- Never place this apparatus on other electrical equipment.
- Keep this apparatus away from direct sunlight, naked flames or heat.
- Never look into the laser beam inside this apparatus.
- Ensure that you always have easy access to the power cord, plug or adaptor to disconnect this apparatus from the power.

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.

Notice



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

This product complies with the requirements of the following directives and guidelines:
2004/108/EC + 2006/95/EC

Recycling



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

When you see the crossed-out wheel bin symbol attached to a product, it means the product is covered by the European Directive 2002/96/EC:



Never dispose of your product with other household waste. Please inform yourself about the local rules on the separate collection of electrical and electronic products. The correct disposal of your old product helps prevent potentially negative consequences on the environment and human health.

Your product contains batteries covered by the European Directive 2006/66/EC, which cannot be disposed of with normal household waste.

When you see the crossed-out wheel bin symbol with the chemical symbol 'Pb', it means that the batteries comply with the requirement set by the directive for lead:



Please inform yourself about the local rules on separate collection of batteries. The correct disposal of batteries helps prevent potentially negative consequences on the environment and human health.

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



**Be responsible
Respect copyrights**

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



Manufactured under license from Dolby Laboratories.

Dolby, Pro Logic and the double-D symbol are trademarks of Dolby Laboratories.

This product incorporates copyright protection technology that is protected by method claims of certain U.S. patents and other intellectual property rights owned by Macrovision Corporation and other rights owners. Use of this copyright protection technology must be authorized by Macrovision Corporation, and is intended for home and other limited viewing uses only unless otherwise authorized by Macrovision Corporation. Reverse engineering or disassembly is prohibited.



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The USB-IF Logos are trademarks of Universal Serial Bus Implementers Forum, inc.



Note

- The type plate is located at the rear of the apparatus.

This apparatus includes this label:



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.

2 Your DVD Micro Theater

English

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.

Introduction

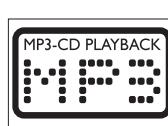
With this unit, you can:

- watch video from DVD/VCD/SVCD discs
- enjoy audio from DVD/VCD/CD/MP3s/
WMA discs or USB devices

You can enrich sound output with these sound effects:

- Digital Sound Control (DSC)
- Dynamic Bass Boost (DBB)
- LOUDNESS

The unit supports these media/disc formats:



You can play DVD discs with the following region codes:

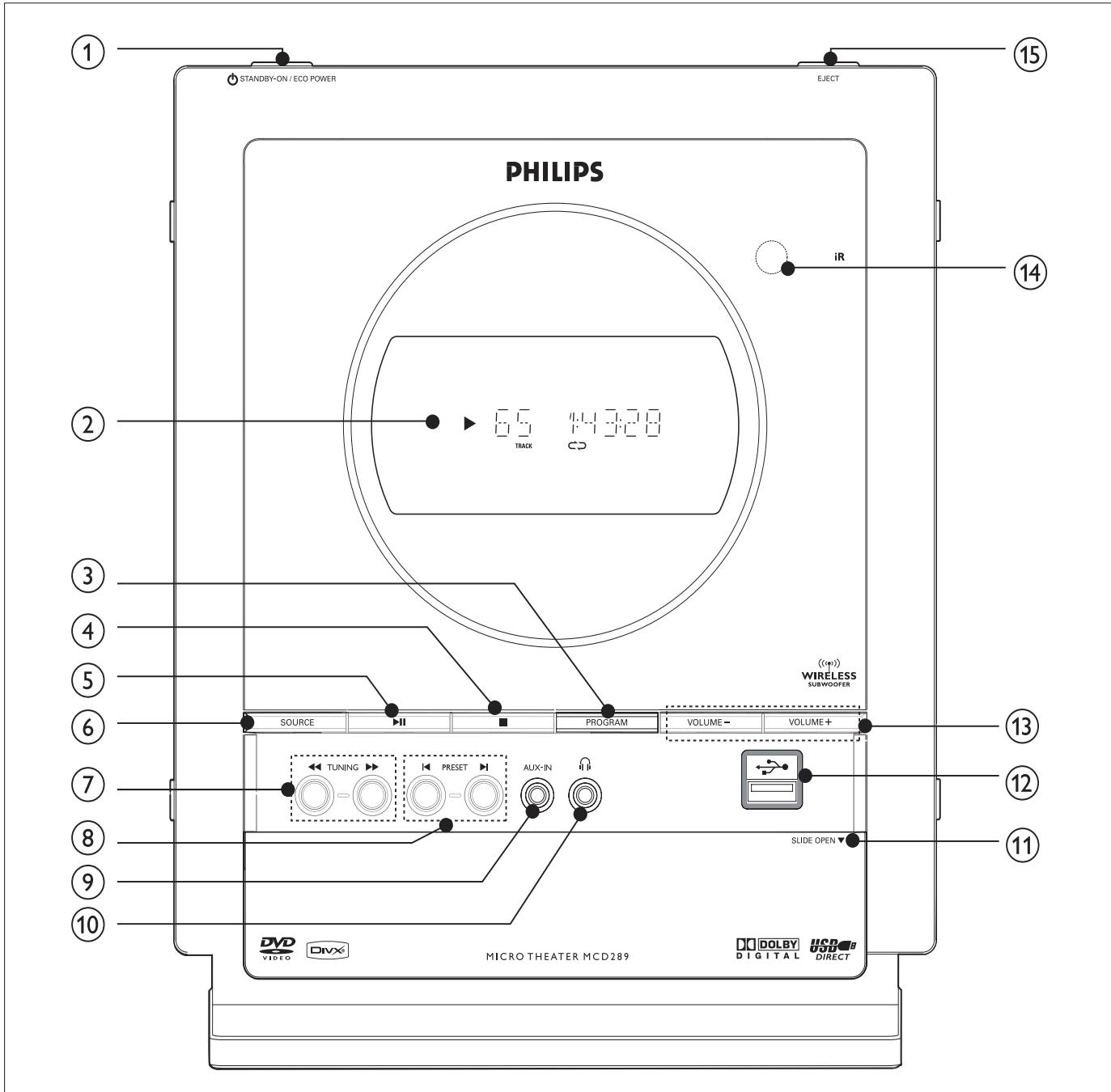
DVD region code	Countries
	Europe

What's in the box

Check and identify the contents of your package:

- A/V cord (R/W/Y)
- FM wire antenna
- 1 X certified power adapter
(Brand name: PHILIPS,
Model No.: GFP451DA-2419-1
Input: 100-240V ~ 50/60Hz 1.2A
Output: 24V 1.9A)
- Stand
- Remote Control and two AAA batteries
- This instruction booklet and a quick start guide

Overview of the main unit



① STANDBY-ON/ECO POWER

- Turn on the apparatus, switch to standby mode, or Eco Power standby mode.

- For picture CD: during playback, select a slide show mode.
- For tuner: program preset radio stations.

② Display screen

- Display current status of the system.

④ ■

- In DISC/USB mode, stop the play or clear a program.
- For Demo (on the unit only), activate/deactivate the demonstration.

③ PROGRAM

- For DVD/VCD/CD/MP3-CD/USB: enter the program menu.

(5) ►||

- In DISC/USB mode, start or interrupt the play.

(6) SOURCE

- Select the respective sound source: TUNER, DISC, USB or AUX.

(7) TUNING <>/>>

- Search within a track or disc.
- Tune to a radio station.

(8) PRESET ▲/▼

- Skip to the previous/next chapter/title/track.
- Select a preset radio station.

(9) AUX-IN

- Connect an external non-USB device.

(10) ▶

- Connect a headphone.

(11) SLIDE OPEN▼

- Slide down to expose some buttons and jacks on the front panel.

(12) ▷

- USB socket.

(13) VOLUME -/+

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

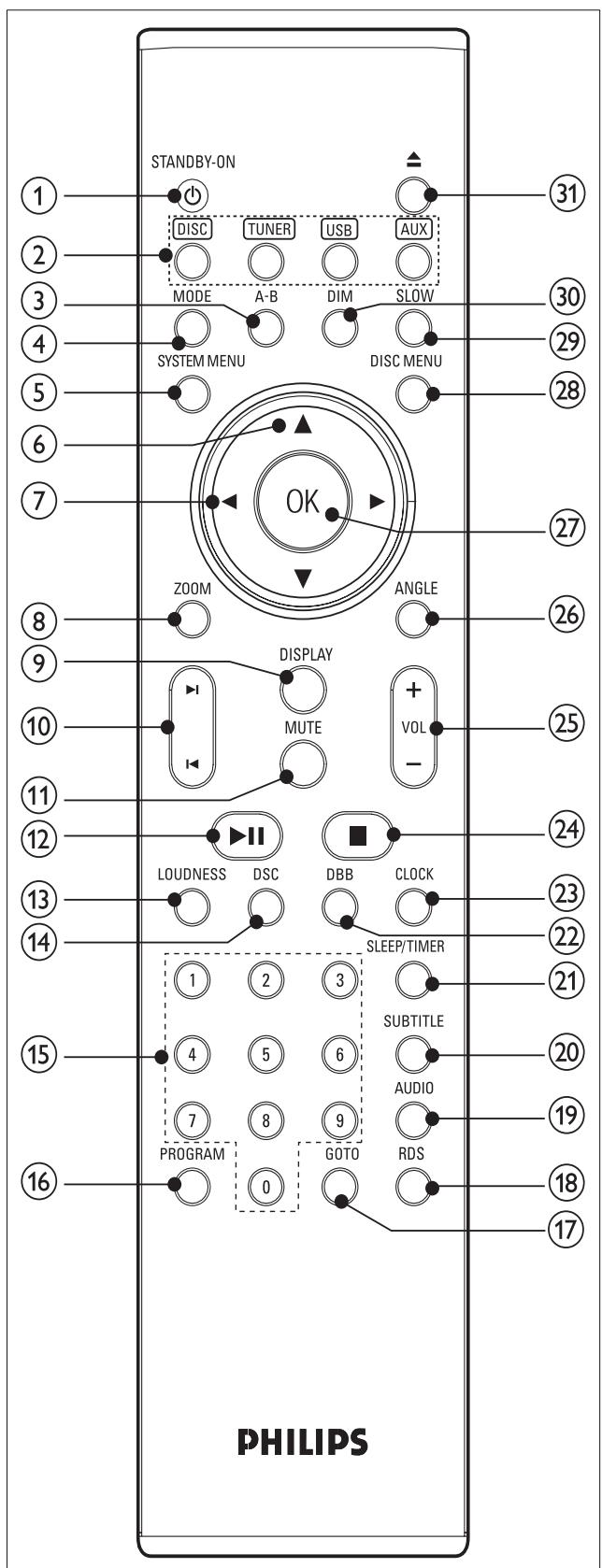
(14) IR Sensor

- Infrared sensor for remote control.

(15) EJECT

- Eject a disc from the disc loader.

Overview of the remote control



- ① **STANDBY-ON**
 - Switch the system on or to Eco power/normal standby mode.
- ② **SOURCE**
 - Select the respective sound source: DISC, TUNER, USB or AUX.
- ③ **A-B**
 - For VCD/CD/USB: repeat a specific section within the same track.
 - For DVD: repeat a specific section in a disc.
- ④ **MODE**
 - Select various repeat modes or the shuffle play mode for a disc.
- ⑤ **SYSTEM MENU**
 - Enter or exit the system menu bar.
- ⑥ **▲ /▼**
 - In DISC mode, to select a movement direction in the disc menu or system menu bar.
- ⑦ **◀/▶**
 - For 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.
 - For disc/USB:
Search fast backward/forward.
In DISC mode, to select a movement direction in the disc menu or system menu bar.
- ⑧ **ZOOM**
 - For DVD/VCD/Picture CD: enlarge or reduce a picture or active image on the TV screen.
- ⑨ **DISPLAY**
 - Display information on TV screen during the play.
- ⑩ **◀/▶**
 - For disc: skip to the previous/next chapter/title/track.
- ⑪ **MUTE**
 - For tuner: select a preset radio station.
- ⑫ **▶/II**
 - In DISC/USB mode, start or interrupt the play.
- ⑬ **LOUDNESS**
 - Enable or disable automatic loudness adjustment.
- ⑭ **DSC**
 - Select different types of preset sound equalizer settings (CLASSIC, JAZZ, ROCK, POP or FLAT; for DVD: NORMAL, CONCERT, DRAMA, ACTION or SCI-FI).
- ⑮ **Numeric keypad**
 - Input a track/title/chapter number of the disc.
- ⑯ **PROGRAM**
 - For DVD/VCD/CD/MP3-CD/USB: enter the program menu.
 - For picture CD: during the play, select a slide show mode.
 - For tuner: program preset radio stations.
- ⑰ **GOTO**
 - In DISC mode, fast search in a disc by entering a time, title, chapter or track.
- ⑱ **RDS**
 - For tuner: display RDS information.
- ⑲ **AUDIO**
 - For VCD: set Stereo, Mono-Left or Mono-Right sound mode.
 - For DVD: select an audio language.
- ⑳ **SUBTITLE**
 - Select a subtitle language.
- ㉑ **SLEEP/TIMER**
 - In standby mode, set time for switching on the system automatically.

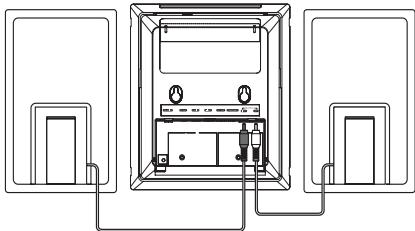
- In power-on mode, set the sleep timer function (auto off).
- (22) **DBB**
- Enable or disable bass enhancement.
- (23) **CLOCK**
- In standby mode, set the system clock.
 - In playback mode, display the system clock.
- (24) ■
- In DISC/USB mode, stop the play or clear a program.
- (25) + VOL -
- Adjust the volume upward/downward.
 - Adjust the hours and minutes in clock/timer setting mode.
 - Select a source in timer setting mode.
- (26) **ANGLE**
- Select a DVD camera angle.
- (27) **OK**
- Exit or confirm the selection.
- (28) **DISC MENU**
- For DVD/VCD: enter or exit the disc contents menu.
 - For VCD2.0: switch the playback control mode on or off.
- (29) **SLOW**
- Select different slow play modes for a VCD/SVCD/DVD.
- (30) **DIM**
- Select different levels of brightness for the display screen.
- (31) ▲
- Eject a disc from the disc loader.

3 Connect

Before you connect

- 1 Place a soft cloth on a hard, flat, stable surface.
- 2 With its front panel face-down, place the unit onto the cloth.
- 3 Remove the detachable cover on the back of the set.

Connect speakers



- 1 Connect the two front speaker cables to the SPEAKERS terminals: right speaker to "RIGHT" and left speaker to "LEFT".

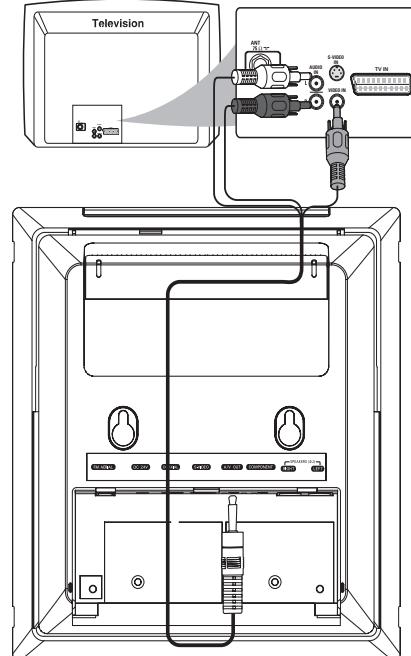
Note

- 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.

You can select the best video connection that your TV supports.

- Option 1: connect through **A/V OUT**.
- Option 2: connect through S-Video (for a standard TV).
- Option 3: connect through component video (for a standard TV or Progressive Scan TV).

Connect through AV OUT



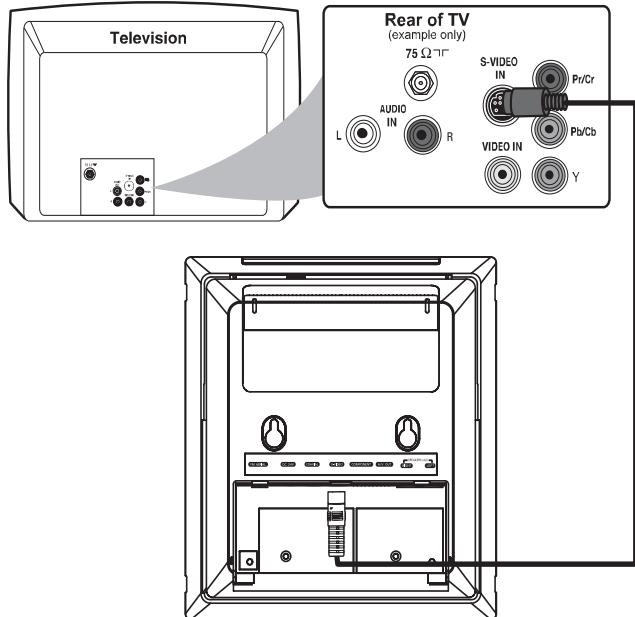
- 1 Connect the supplied AV cord to:
 - the **AV OUT** socket on this unit.
 - the video input jack (or labeled as A/V In, CVBS, Composite or Baseband) on the TV.

Connect TV

Connect video cables

With this connection, you can watch video from the unit on the TV screen.

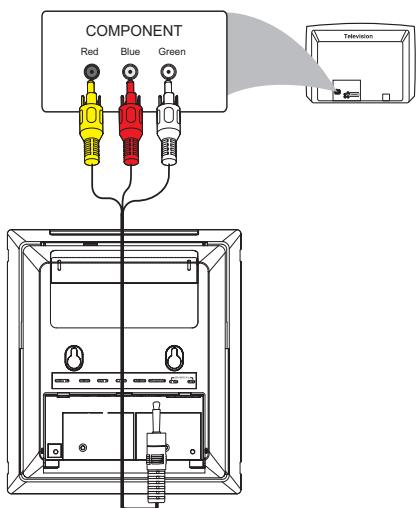
Connect through S-Video



- 1 Connect an S-video cable (not supplied) to:
 - the **S-Video** socket on this unit.
 - the S-Video input socket (or labeled as Y/C or S-VHS) on the TV.

Connect through component video

Connect a progressive scan TV through component video for higher quality video.

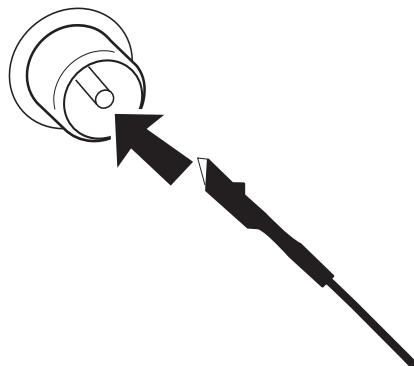


- 1 Connect the supplied AV cord (red/white/yellow) to:
 - the **Component** socket on this unit.
 - the component input sockets (or labeled as Y Pb/Cb Pr/Cr or YUV) on the TV: yellow connector to the red socket, red connector to the blue socket, white connector to the green socket.

Connect audio cable

- 1 To hear the sound of this DVD system through your TV, connect the audio connectors (white/red) to the audio input jacks on the TV.

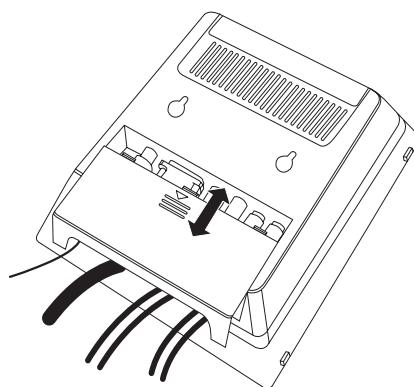
Connect FM antenna



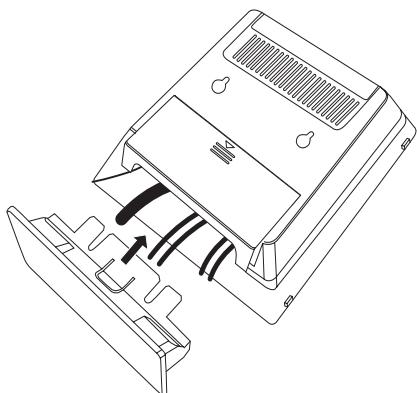
- 1 Connect the supplied FM antenna to the **FM AERIAL** socket on the unit.

Place the unit

- 1 After finishing all rear connections, mount the detachable cover on the back of the set until hearing a click to avoid cable clutter.



- 2** Align the side marked **PRESS▼** of the stand to the slots at the bottom of the set.

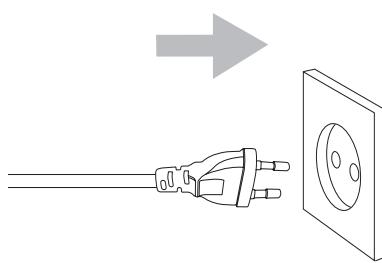


- 3** Push the stand down into the slots until you hear a click.
- 4** Place the set upright on the desktop with the support of the stand.
- 5** Extend the bracket on the back of each front speaker as shown so that the front speakers can stand firmly on the desktop.
- 6** Place the subwoofer on the floor near an AC outlet.

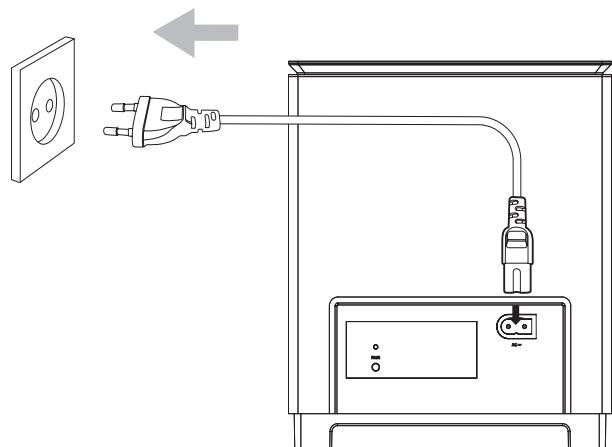
Note

- To remove the stand from the set, while pressing down **PRESS▼**, pull the stand out from the slots.

- 1** Connect the power plug of the main unit to the wall outlet.



- 2** Connect the power plug of the digital wireless subwoofer to the wall outlet.



Connect power

Caution

- Risk of product damage! Ensure that the power supply voltage corresponds to the voltage printed on the back or the underside of the unit.
- Risk of electric shock! When you unplug the AC power, always pull the plug from the socket. Never pull the cord.
- Before you connect the AC power, ensure you have completed all other connections.

4 Get started

! Caution

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

Always follow the instructions in this chapter in sequence.

If you contact Philips, you will be asked for the model and serial number of this apparatus. The model number and serial number are on the back of the apparatus. Write the numbers here:

Model No. _____

Serial No. _____

Prepare the remote control

! Caution

- Risk of explosion! Keep batteries away from heat, sunshine or fire. Never discard batteries in fire.

- 1 Open the battery compartment.
- 2 Insert two AAA batteries with correct polarity (+/-) as indicated.
- 3 Close the battery compartment.

= Note

- Before you press any function button on the remote control, first select the correct source with the remote control instead of the main unit.
- If you are not going to use the remote control for a long time, remove the battery.

Set the clock

- 1 In the standby mode, press and hold **CLOCK** on the remote control to activate the clock setting mode.
↳ [CLOCK SET] is displayed briefly.

↳ The hour digits are displayed and begin to blink.

- 2 Press **VOLUME -/+ (+ VOL -** on the remote control) to set the hour.
- 3 Press **CLOCK** again.
↳ The minute digits are displayed and begin to blink.
- 4 Press **VOLUME -/+ (+ VOL -** on the remote control) to set the minute.
- 5 Press **CLOCK** to confirm.

= Note

- 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.

Turn on

- 1 Press **STANDBY-ON/ECO POWER** (**STANDBY-ON** on the remote control).
↳ [HELLO] is displayed briefly.
↳ The unit switches to the last selected source.
- 2 Wait for automatic setup of wireless connection between the main unit and subwoofer.
↳ [PAIRING] flashes.
↳ If the connection succeeds, [PAIR OK] is displayed and both the blue and green LED indicators on the subwoofer light up.
↳ If the connection fails, [PAIR FAIL] is displayed and only the blue indicator on the subwoofer lights up.
↳ If the wireless connection fails, set up the connection manually.

In case the wireless connection fails, you can:

- 1** In active, standby or Eco Power Standby mode, press and hold **▶II** on the unit for three seconds.
↳ **[PAIRING]** flashes on the display screen.
- 2** Press and hold the **PAIR** button on the rear of the subwoofer for three seconds.
↳ If the connection succeeds, **[PAIR OK]** is displayed and both the blue and green LED indicators on the subwoofer turn on.
↳ If the connection fails or the connection cannot be set up successfully within 60 seconds, **[PAIR FAIL]** and only the blue LED indicator on the subwoofer turns on.

Note

- If the wireless connection fails again, check whether there is any conflict or strong interference (for example, interference from other electronic devices) around your location. After removal of the conflict or strong interference, repeat the above procedures.

Switch to standby mode

- 1** In the active mode, press **∅STANDBY-ON/ECO POWER** to switch the unit to normal standby mode.
↳ The clock appears on the display panel.
- 2** In the normal standby mode, press **∅STANDBY-ON/ECO POWER** for 3 seconds or more to switch the unit to Eco Power Standby mode.
↳ The ECO POWER LED is on.
- 3** In the Eco Power Standby mode, press **∅STANDBY-ON/ECO POWER** for 3 seconds or more to switch the unit to normal standard mode.

Note

- If you do not press any button within 15 minutes after a disc stops displaying, the unit switches to Standby mode automatically.

Find the correct viewing channel

- 1** Press **∅** to turn on the unit.
- 2** Press **DISC** to switch to disc mode.
- 3** Turn on the TV and switch to the correct video-in channel in one of the following ways:
 - Go to the lowest channel on your TV, then press the Channel Down button until you see the Philips screen.
 - Press the source button repeatedly on the remote control of your TV.

Tip

- The video-in channel is between the lowest and highest channels and may be called FRONT, A/V IN, VIDEO, HDMI etc. See the TV user manual on how to select the correct input on the TV.

Select the correct TV system

Change this setting if the video does not appear correctly. By default, this setting matches the most common setting for TVs in your country.

- 1** Press **SYSTEM MENU**.
- 2** Select **[Preference Page]**.
- 3** Select **[TV Type]** and then press **▶▶**.
- 4** Select a setting and then press **OK**.
 - **[PAL]** - For TV with PAL color system.
 - **[Multi]** - For TV that is compatible with both PAL and NTSC.
 - **[NTSC]** - For TV with NTSC color system.
- 5** To exit the menu, press **SYSTEM MENU**.

Note

- When the HDMI cable is connected, the **[TV Type]** option is unavailable.

Change system menu language

- 1** Press **SYSTEM MENU**.
- 2** Select **[General Setup Page]** or **[Preference Page]**.
- 3** Select **[OSD LANGUAGE]** and then press **▶**.
- 4** Select a setting and then press **OK**.
- 5** To exit the menu, press **SYSTEM MENU**.

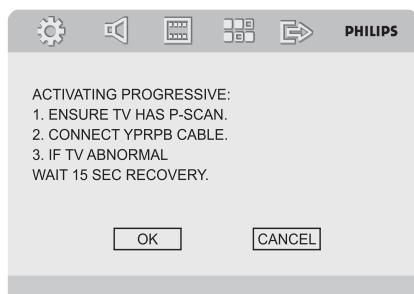
Turn on Progressive Scan

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

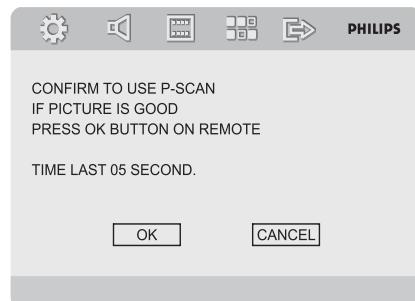
Before you turn on this feature, ensure that:

- The TV supports progressive scan signals.
- You have connected this unit with the TV through component video.

- 1** Turn on the TV.
- 2** Ensure that the TV progressive scan mode is deactivated (see the TV user manual).
- 3** Switch the TV to the correct viewing channel for this unit.
- 4** Press **SYSTEM MENU** on the remote.
- 5** Press **◀/▶** to select **[Video Setup Page]** in the menu.
- 6** Select **[TV Mode] > [P - SCAN]**, then press **OK**.
↳ The instruction menu appears on the TV.



- 7** Press **◀/▶** to highlight **[OK]** in the menu and press **OK** to confirm.
↳ A distorted picture appears on the TV.
- 8** Turn on your TV progressive scan mode (refer to your TV user manual).
↳ The below menu appears on the TV.



- 9** Press **◀/▶** to highlight **[OK]** in the menu and press **OK** to confirm.
↳ The progressive setup is complete.

Turn off progressive scan manually

- 1** Turn off the progressive scan mode on the TV.
- 2** Press **SYSTEM MENU** to exit the menu.
- 3** Press **DISC** followed by numeric key "1" to turn off the progressive scan mode on the unit.
↳ The blue Philips DVD background screen is displayed.



Note

- In the progressive mode, if you press **DISC** followed by numeric key "1" during normal play, the progressive scan mode will be turned off on the unit.

5 Play



Note

- With some disc/file types, play may differ.

Play discs



Caution

- Never look at the laser beam inside the unit.
- Risk of product damage! Never play discs with accessories such as disc stabilizer rings or disc treatment sheets.
- Never put any objects other than discs into the disc compartment.

- Press **DISC** to select the DISC source.
 - Insert a disc into the disc compartment and press **OK**.
 - Ensure that the label faces outwards.
 - Play starts automatically.
 - To stop play, press **■**.
 - To pause or resume play, press **OK**.
 - To skip to the previous/next title/chapter/track, press **◀▶**.
- If play does not start automatically:**
- Select a title/chapter/track and then press **OK**.



Tip

- To play a locked DVD, enter the 4-digit parental control password.

Use the disc menu

When you load a DVD/(S)VCD disc, a menu may be displayed on the TV screen.

To access or exit the menu manually:

- Press **DISC MENU**.

For VCD with PlayBack Control (PBC) feature (version 2.0 only):

With the PBC feature, you can play VCD interactively according to the menu screen.

- During play, press **DISC MENU** to enable/disable PBC.
 - When PBC is enabled, the menu screen is displayed.
 - When PBC is disabled, normal play is resumed.

Select an audio language

You can select an audio language on DVDs, DivX video or VCDs.

- During disc play, press **AUDIO**.
 - The language options appear. If the selected audio channels is unavailable, the default disc audio channel is used.



Note

- For some DVDs, the language can only be changed from the disc menu. Press **SYSTEM MENU** to access the menu.

Select a subtitle language

You can select a subtitle language on DVDs or DivX® Ultra discs.

- During play, press **SUBTITLE**.



Tip

- For some DVDs, the language can only be changed from the disc menu. Press **SYSTEM MENU** to access the menu.

Play from USB



Note

- Ensure that the USB device contains playable music, pictures or video.

- 1** Insert the USB plug into the  socket.
- 2** Press **SOURCE** (or **USB** on the remote control) to select the USB source.
- 3** Press **▲/▼** to select a folder, then press **OK** to confirm.
- 4** Press **▲/▼** to select a file from the folder.
- 5** Press **OK** to start play.
 - To stop play, press **■**.
 - To pause or resume play, press **OK**.
 - To skip to the previous/next file, press **◀/▶**.

Play DivX video

You can play DivX files copied onto a CD-R/RW.

- 1** Insert a disc.
- 2** Press **▶/■** to start the playback.
 - To stop play, press **■**.
 - To pause or resume play, press **▶/■**.
 - To change a subtitle language, press **SUBTITLE**.



Note

- You can only play DivX videos rented or purchased through the DivX registration code of this unit.
- Subtitle files with the following filename extensions (.srt, .smi, .sub, .ssa, .ass) are supported but do not appear on the file navigation menu.
- The subtitle filename has to be the same as the file name of the video.

Play MP3/WMA/picture files

You can play MP3/WMA/picture files copied onto a CD-R/RW, recordable DVD or USB device.

- 1** Insert a disc or connect a USB device.
- 2** Select a source:
 - For discs, press **DISC**.
 - For USB devices, press **USB** repeatedly.

- 3** Press **DISC MENU** until the folder is displayed.
- 4** Press **▲/▼** to select a folder, then press **OK** to confirm.
- 5** Press **▲/▼** to select a file from the folder.
- 6** Press **OK** to start play.
 - To stop play, press **■**.
 - To pause or resume play, press **OK**.
 - To skip to the previous/next file, press **◀/▶**.

Play control

Select repeat/shuffle play options

- 1** During play, press **MODE** repeatedly to select a repeat option or the shuffle play mode.
 - To resume normal play, press **MODE** repeatedly until no option is displayed.

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

- 1** During music or video play, press **A-B** at the start point.
- 2** Press **A-B** at the end point.
 - The selected section starts to play repeatedly.
 - To cancel repeat play, press **A-B** again.



Note

- The section A and B can be set only within the same track/title.

Search forward/backward

- 1** During play, press **TUNING◀◀/▶▶** repeatedly to select a search speed.
 - To resume play at normal speed, press **OK**.

Search by time or chapter/track number

- 1 During video/audio play, press **GOTO** until a time field or chapter/track field is displayed.
 - For the time field, enter the play position in hours, minutes and seconds.
 - For the chapter/track field, enter the chapter/track.
 - Play starts automatically at your selected point.

Resume video play from last stopped point



Note

- This feature is only available for DVD/VCD play.

- 1 In stop mode and when the disc has not been removed, press **OK**.

To cancel resume mode and stop play completely:

- 1 In stop mode, press ■.

Play options

Display play information

- 1 During play, press **DISPLAY** repeatedly to display play information.

Program



Note

- You cannot program picture files/discs.

For video discs/audio CDs:

- 1 During play or in stop mode, press **PROGRAM** to access the program menu.

- 2 Enter the tracks/chapters to add to the program.
- 3 Repeat step 2 until the program is complete.
- 4 Select **[Start]**, then press **OK** to play the program.

For Divx/MP3/WMA files:

- 1 During play or in stop mode, press **DISC MENU** until the file list is displayed.
- 2 Select a file, then press **PROGRAM** to add the file to the program list.
- 3 Repeat steps 2 until the program is complete.
- 4 Press **OK** to play the program.

To delete a file from the [Program List]:

- 1 Press **DISC MENU** until the program list is displayed.
- 2 Select a file, then press **PROGRAM** to delete the file from the program list.

Zoom in/out image

- 1 During video/picture play, press **ZOOM** repeatedly to zoom in/out the image.
 - When the image is zoomed in, you can press **▲/▼/◀/▶** to pan through the image.

Slow-motion play

- 1 During video play, press **SLOW** repeatedly to select a slow play option.
 - ↳ The sound is muted.
 - ↳ To resume play at normal speed, press **►■**.

Change the audio channel



Note

- This feature is only available for VCD/DivX play.

- 1 During play, press **AUDIO** repeatedly to select an audio channel available on the disc:
 - Mono Left
 - Mono Right
 - Stereo

Select a camera angle



Note

- This feature is only available for DVDs recorded with multiple camera angles.

- 1 During play, press **ANGLE** repeatedly to select a camera angle.

Picture view options

Preview pictures

- 1 During play, press **■**.
 - ↳ The thumbnails of 12 pictures are displayed.
- 2 Select one of the following:
 - a picture
 - the slide show option
 - the **[Menu]** option
 - the next/previous page (if available)
- 3 Press **OK** to:
 - play the selected picture
 - start slide show of all pictures
 - enter the remote key function menu
 - turn to the next/previous page (if available)

Select a slide show play mode

- 1 During play, press **PROGRAM** repeatedly to select a slide-show play mode.

Rotate picture

- 1 During play, press **▲/▼/◀/▶** to rotate the picture anti-clockwise/clockwise.

6 Adjust settings

- 1 Press **SYSTEM MENU**.
- 2 Select a setup page and then press ▼.
- 3 Select an option and then press ►.
- 4 Select a setting and then press **OK**.
 - To return to the previous menu, press ◀.
 - To exit the menu, press **SYSTEM MENU**.

General setup

On [**General Setup Page**], you can set the following options:

[TV Display]

The TV format determines the aspect ratio of display according to the type of TV you have connected.



4:3 Pan Scan (PS)



4:3 Letter Box (LB)



16:9 (Wide Screen)

- **[4:3 Pan Scan]** – For 4:3 screen TV: full-height display with the trimmed sides.
- **[4:3 Letter Box]** – For 4:3 screen TV: wide-screen display with black bars on the top and bottom of the screen.
- **[16:9]** – For wide-screen TV: display ratio 16:9.

[OSD Language]

Select the preferred language for on-screen display.

[Screen Saver]

The screen saver protects the TV screen damage due to prolonged exposure to a static image.

- **[On]** – Enable the screen saver.
- **[Off]** – Disable the screen saver.

[DIVX (R) VOD]

Display the DivX® registration code.



Tip

- Enter this DivX registration code when you rent or purchase video from <http://vod.divx.com/>. The DivX videos rented or purchased through the DivX® VOD (Video On Demand) service can be played only on the device to which it is registered.

Audio setup

On [**Audio Setup Page**], you can set the following options:

[Analog Audio Setup]

- **[LT/RT]** – Select the mixed sound output mode.
- **[Stereo]** – Select the ordinary stereo sound output.

[Digital Audio Setup]

Select audio formats supported by the connected device.

- **[Off]** – Turn off the digital output.
- **[SPDIF/Raw]** – If the connected device supports multi-channel audio formats, select this option.
- **[PCM Only]** – If the connected device cannot decode multichannel audio, select this option.

[Dolby Digital Setup]

Select audio signals output to speakers.

- **[Stereo]** – Output multichannel sound signals to both speakers.
- **[L - Mono]** – Output left mono sound signals to both speakers.
- **[R - Mono]** – Output right mono sound signals to both speakers.

[3D]

Select a virtual surround sound mode from the following modes:

- [Off]
- [Concert]
- [Living Room]
- [Hall]
- [Bathroom]
- [Cave]
- [Arena]
- [Church]

[HDCD]

When you play a HDCD (High Definition Compatible Digital) disc, select the audio output cutoff frequency.

You can select from the following options:

- [Off]
- [44.1K]
- [88.2K]

[Night Mode]

Make loud sound level softer and soft sound level louder so that you can watch the DVD movies at a low volume, without disturbing others.

- [On] – enjoy quiet viewing at night (DVDs only).
- [Off] – enjoy surround sound with its full dynamic range.

Video setup

On **[Video Setup Page]**, you can set the following options:

[Component]

Set the video output according to the video connection. If the composite connection is used, this setting is not required.

- [S - Video] – If the S-Video connection is used, select this option.
- [Pr/Cr Pb/Cb Y] – If the component connection is used, select this option.

[TV Mode]

Select the video output mode. To select the progressive scan mode, ensure that you have connected a progressive scan TV and set

[Component] to **[Pr/Cr Pb/Cb Y]**.

- [PROGRESSIVE] – For progressive scan TV: turn on the progressive scan mode.

- [Interlace] – For ordinary TV: turn on the interlace mode.

[Picture Setting]

Customize picture color settings.

Preference setup

On **[Preference Page]**, you can set the following options:

[TV Type]

Change this setting if the video does not appear correctly. By default, this setting matches the most common setting for TVs in your country.

- [PAL] - For TV with PAL color system.
- [Multi] - For TV that is compatible with both PAL and NTSC.
- [NTSC] - For TV with NTSC color system.

[Audio]

Select the preferred audio language for disc play.

[Subtitle]

Select the preferred subtitle language for disc play.

[Disc Menu]

Select the preferred disc menu language.



Note

- If the language you have set is not available on the disc, the disc uses its own default language.
- For some discs, the subtitle/audio language can only be changed from the disc menu.

[Parental]

Restricts access to discs that are unsuitable for children. These types of discs must be recorded with ratings.

- 1 Press **▲/▼** to highlighten **[RATING]**.
- 2 Press **►** to enter the submenu.
- 3 Select a rating level, then press **OK**.
- 4 Press the numeric keys to enter the password.



Note

- Rated discs above the level you set in **[Parental]** require a password to be played.
- The ratings are country-dependent. To allow all discs to play, select **[8 ADULT]**.
- Some discs have ratings printed on them but are not recorded with ratings. This function has no effect on such discs.



Tip

- You can set or change the password.

[Default]

Resets all the settings of this unit to factory default, except for the password and parental settings.

[Password Mode]

This setting allows you to enable/disable the password for parental control. If the password is enabled, when you play a prohibited disc, this 4-digit password is required.

- **[On]** - Enable the password for parental control.
- **[Off]** - Disable the password for parental control.

[Password]

- You can change password here. The default password is 1234.



Note

- if you forget the password, enter “1234” before you set a new password.

7 Tune to FM radio stations

- 1** Ensure that you have connected and fully extended the supplied FM antenna (see 'Connect FM antenna' on page 12).
- 2** Press **SOURCE** on the unit or **TUNER** on the remote control repeatedly to select FM tuner source.
- 3** Press and hold **TUNING◀▶** on the unit or (**◀▶** on the remote control).
- 4** When the frequency indication starts to change, release the button.
↳ The FM tuner tunes to a station with strong reception automatically.
- 5** Repeat steps 3-4 to tune to more stations.

To tune to a weak station:

Press **TUNING◀▶** repeatedly until you find optimal reception.

Program radio stations automatically

 Note

- You can program a maximum of 20 preset radio stations.

- 1** Press and hold **PROGRAM** for more than 3 seconds to activate automatic programming.
↳ **[AUTO]** is displayed.
↳ All available stations are programmed in the order of waveband reception strength.

Program radio stations manually

 Note

- You can program a maximum of 20 preset radio stations.

- 1** Tune to a radio station.
- 2** Press **PROGRAM** to activate programming.
↳ **PROG** begins to blink.
- 3** Press **PRESET◀▶** to allocate a number from 1 to 20 to this radio station.
- 4** Press **PROGRAM** to confirm.
↳ **PROG** disappears.
- 5** Repeat the above steps to program other stations.

 Note

- To overwrite a programmed station, store another station in its place.

Tune to a preset radio station

- 1** Press **PRESET◀▶** to select a preset number that you want.

 Tip

- You can also use the numerical keypad to select a preset station directly.

Set RDS clock

You can use time signal broadcast together with the RDS signal to set the clock of the unit automatically.

- 1** Tune to a RDS radio station that transmits time signals.

- ↳ The unit reads the RDS time and sets the clock automatically.



Note

- The accuracy of the transmitted time depends on the RDS station that transmits the time signal.

Show RDS information

RDS (Radio Data System) is a service that allows FM stations to show additional information. If you tune to a RDS station, a RDS icon and the station name are displayed. When automatic programming is used, RDS stations are programmed first.

- 1 Tune to a RDS station.
- 2 Press **RDS** repeatedly to scroll through the following information (if available):
 - ↳ Station name
 - ↳ Program type such as **[NEWS]**, **[SPORT]**, **[POP M]**...
 - ↳ RDS clock
 - ↳ Frequency



Note

- See "Product information - RDS program types" for definitions of RDS program types.

8 Adjust volume level and sound effect

Adjust volume level

- 1 During play, press **+ VOL -** to increase/decrease the volume level.

Select a sound effect



Note

- You cannot use different sound effects at the same time.

Select a preset sound effect

- 1 During play, press **DSC** repeatedly to select:

- [ROCK]
- [JAZZ]
- [POP]
- [CLASSIC]
- [FLAT]

For DVD:

- [NORMAL]
- [CONCERT]
- [DRAMA]
- [ACTION]
- [SCI-FI]

Enhance bass

- 1 To turn on bass enhancement, press **DBB** repeatedly during play until the DBB logo is displayed.
 - To turn off bass enhancement, press **DBB** repeatedly until the DBB logo disappears.

Select automatic loudness control

Automatic loudness control increases the treble and bass effect at low volume levels (the higher the volume, the lower the treble and bass levels).

- 1 To turn on automatic loudness control, press **LOUDNESS** during play until the loudness icon is displayed.
 - To turn off automatic loudness control, press **LOUDNESS** until the loudness icon disappears.

Mute sound

- 1 During play, press **MUTE** to mute/unmute sound.

Listen through headphone

- 1 Plug a headphone into the socket on the unit.

9 Other features

Adjust brightness of display panel

- 1 In standby mode, press **DIM** repeatedly to select different levels of brightness for the display panel.

Set the alarm timer

- 1 Ensure that you have set the clock correctly.
- 2 In standby mode, press and hold **SLEEP/TIMER**.
 - ↳ [TIMER SET] is displayed briefly. The hour digits begin to blink.
- 3 Press **VOLUME -/+ (+ VOL -** on the remote control) to set the hour.
- 4 Press **SLEEP/TIMER** to confirm.
 - ↳ The minute digits are displayed and begin to blink.
- 5 Press **VOLUME -/+ (+ VOL -** on the remote control) to set the minute.
- 6 Press **SLEEP/TIMER** to confirm.
 - ↳ [TUN], [DVD] or [USB] begins to blink.
- 7 Press **VOLUME -/+ (+ VOL -** on the remote control) to select your desired source.
- 8 Press **SLEEP/TIMER** to complete the setting.
 - ↳ A clock icon appears on the display.
 - ↳ The unit turns on automatically at the set time and switches to the last selected source.

To deactivate the alarm timer

- 1 Press **SLEEP/TIMER** again.
 - ↳ The clock icon disappears.

Set the sleep timer

- 1 When the unit is turned on, press **SLEEP/TIMER** repeatedly to select a set period of time (in minutes).
 - ↳ The unit turns off automatically after the set period of time.

Connect other devices

Listen to an audio player

You can listen to audio player through this unit.

- 1 Connect a 3.5mm audio cable to
 - the **AUX-IN** jack on the unit
 - the **AUDIO OUT** socket on the audio player.
- 2 Start play on the audio player.

10 Product information

Note

- Product information is subject to change without prior notice.

Specifications

Amplifier

Rated Output Power	2 X 15W + 50W RMS
Frequency Response	
-- L/R speaker	180 - 20000 Hz
-- Subwoofer	50 - 180 Hz
Signal to Noise Ratio	> 65dB
Aux Input	1V RMS 20k ohm

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% (1 kHz)
Frequency Response	4Hz - 20kHz (44.1kHz) 4Hz - 22kHz (48kHz) 4Hz - 24kHz (96kHz)
S/N Ratio	>65dBA

Tuner (FM)

Tuning Range	87.5 - 108MHz
Tuning grid	50KHz
Sensitivity	
- Mono, 26dB S/N Ratio	<5 uV
- Stereo, 46dB S/N Ratio	>100 uV
Search Selectivity	>28dB
Image rejection	>25dB
Total Harmonic Distortion	<3%
Signal to Noise Ratio	>50dBA

Speakers

Speaker Impedance	
-- L/R speaker	4 ohm
-- Subwoofer	4 ohm
Speaker Driver	
-- L/R speaker	3"
-- Subwoofer	5"
Frequency Response	50 - 16000 Hz

General information

Total output power	2 × 25W + 50W RMS
AC power	220 - 240V, 50Hz
Operation Power Consumption	35W
Standby Power Consumption	< 4W
Eco Standby Power Consumption	1W
Composite Video Output	1.0Vp-p, 75ohm
S-Video Output	1.0Vp-p, 75ohm
Coaxial Output	0.5Vpp ± 0.1Vpp 75ohm
Headphone Output	2X15mW, 32ohm
USB Direct	Version 2.0
Wireless Subwoofer Connection	2.4 GHz, AFH
Dimensions	
- Main Unit (W x H x D)	200 x 250 x 110mm
- Main Speaker (W x H x D)	140 x 220 x 33mm (each)
- Wireless Subwoofer Box (W x H x D)	170 x 197 x 302mm
Weight	
- With Packing	8 kg
- Main Unit	1.45 kg
- main Speaker	0.4 kg (each)
- Wireless Subwoofer Box	3.3 kg

Supported disc formats

- 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)
- DivX(R) disc on CD-R(W):
- DivX 3.11, 4.x and 5.x
- WMA

Supported MP3-CD formats:

- ISO 9660
- Max. title/album name: 12 characters
- Max. title number plus album: 255.
- Max. nested directory: 8 levels.
- Max. album number: 32.
- Max. MP3 track number: 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).
- These formats are not supported:
 - Files like *.VMA, *.AAC, *.DLF, *.M3U, *.PLS, *.WAV
 - Non-English Album/Title name
 - Discs recorded in Joliet format
 - MP3 Pro and MP3 with ID3 tag

USB playability information

Compatible USB devices:

- 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 the 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)

Unsupported formats:

- Empty albums: an empty album is an album that does not contain MP3/WMA files, and is not shown in the display.
- Unsupported file formats are skipped. For example, Word documents (.doc) or MP3 files with extension .dlf are ignored and not played.
- AAC, WAV, PCM audio files
- DRM protected WMA files (.wav, .m4a, .m4p, .mp4, .aac)
- WMA files in Lossless format

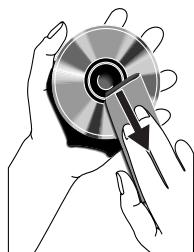
Maintenance

Clean the cabinet

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

Clean discs

- When a disc becomes dirty, clean it with a cleaning cloth. Wipe the disc from the centre out.



- Do not use solvents such as benzene, thinner, commercially available cleaners, or antistatic spray intended for analogue records.

Clean the disc lens

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

RDS program types

NO TYPE	No RDS programme type
NEWS	News services
AFFAIRS	Politics and current affairs
INFO	Special information programs
SPORT	Sports
EDUCATE	Education and advanced training
DRAMA	Radio plays and literature
CULTURE	Culture, religion and society
SCIENCE	Science
VARIED	Entertainment programs
POP M	Pop music
ROCK M	Rock music
MOR M	Light music
LIGHT M	Light classical music
CLASSICS	Classical music
OTHER M	Special music programs
WEATHER	Weather
FINANCE	Finance
CHILDREN	Children's programs
SOCIAL	Social Affairs
RELIGION	Religion
PHONE IN	Phone In
TRAVEL	Travel
LEISURE	Leisure
JAZZ	Jazz Music
COUNTRY	Country Music
NATION M	National Music
OLDIES	Oldies Music
FOLK M	Folk Music
DOCUMENT	Documentary
TES	Alarm Test
ALARM	Alarm

11 Troubleshooting

Note

- Never remove the casing of this system.

To keep the warranty valid, never try to repair the system yourself.

If you encounter problems when using this system, check the following points before requesting service. If the problem remains unsolved, go to the Philips web site (www.Philips.com/support). When you contact Philips, ensure that your Philips is nearby and the model number and serial number are available.

No power.

- Ensure that the AC cord of the apparatus is connected properly.
- Ensure that there is power at the AC outlet.
- As a power-saving feature, the system switches off automatically 15 minutes after track play reaches the end and no control is operated.

No disc detected.

- Insert a disc.
- Check if the disc is inserted upside down.
- Wait until the moisture condensation at the lens has cleared.
- Replace or clean the disc.
- Use a finalized CD or correct format disc.

No picture.

- Check the video connection.
- Turn on the TV to the correct Video-In channel.
- Progressive scan is activated but the TV does not support progressive scan.

Black and white or distorted picture.

- The disc does not match the TV color system standard (PAL/NTSC).
- Sometimes a slight picture distortion may appear. This is not a malfunction.
- Clean the disc.
- A distorted picture may appear during progressive scan setup.

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

- The aspect ratio is fixed on the loaded DVD disc.
- The aspect ratio may not be changed for some TV systems.

No sound or poor sound.

- Adjust the volume.
- Disconnect the headphone.
- Ensure the wireless subwoofer is connected.

Remote control does not work.

- Before pressing any function button, first select the correct source with the remote control instead of the main unit.
- Reduce the distance between the remote control and the Micro System.
- Insert the battery with its polarities (+/- signs) aligned as indicated.
- Replace the battery.
- Aim the remote control directly at the sensor on the front of the Micro System.

Disc does not play.

- Insert a readable disc and ensure that the label side faces outwards.
- Check the disc type, color system and regional code. Check for any scratches or smudges on the disc.
- Press **SYSTEM MENU** to exit the system setup menu.
- Disable the password for parental control 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 and reconnect the AC power plug, and then turn on the system again.
- As a power-saving feature, the system turns off automatically 15 minutes after disc play reaches the end and no control is operated.

Poor radio reception.

- Increase the distance between the system and your TV or VCR.
- Fully extend the FM antenna.
- Connect an outdoor FM antenna instead.

Wireless connection fails.

- Set up wireless connection manually.

Unable to select Progressive Scan.

- Ensure the video output mode is set to [Pr/Cr Pb/Cb Y].

No sound on HDMI connection.

- You may not hear any sound if the connected device is non-HDCP compliant or only DVI-compatible.

No picture on HDMI connection.

- Check if the HDMI cable is faulty. Replace a new HDMI cable.
- If this happens when you change the HDMI video resolution, select the correct resolution until the picture appears.

Audio or subtitle languages cannot be set.

- The disc is not recorded with sound or subtitles in multiple languages.
- The audio or subtitle language setting is prohibited on the disc.

Cannot display some files in USB device or memory card.

- The number of folders or files in the USB device or memory card has exceeded a certain limit. This phenomenon is not a malfunction.
- The formats of these files are not supported.

USB device or memory card not supported.

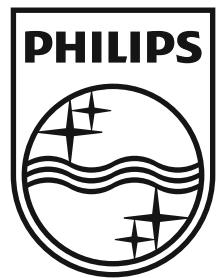
- The USB device or memory card is incompatible with the apparatus. Try another one.

Timer does not work.

- Set the clock correctly.
- Switch on the timer.

Clock/timer setting erased.

- Power has been interrupted or the power cord has been disconnected.
- Reset the clock/timer.



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MCD289_12 UM V3.0

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100% papier recyclé