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MCM330

PHILIPS

Contents

English

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.
    - Batteries (battery pack or batteries installed) shall not be exposed to excessive heat such as sunshine, fire or the like.

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. Where the plug of the Direct Plug-in Adapter 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

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.

Windows Media and the Windows logo are trademarks, or registered trademarks of Microsoft Corporation in the United States and/or other countries.

This apparatus includes this label:

CLASS 1
LASER PRODUCT

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.

2 Your product

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 enjoy audio from discs, USB devices, external devices, or radio stations. For the best sound quality, enrich sound with Digital Sound Control (DSC) and Dynamic Bass Boost.

The Living Sound lets you enjoy immersive music over a much wider spot.

The powerful speakers of the unit bring you rich sound experience.

What's in the box

Check and identify the contents of your package:

- Main unit
- Remote control
- 1 x AC adaptor
- 1 x MP3 link cable
- Mounting kit (2 dowels and 2 screws)
- Quick start guide
- User manual
- Wall mounting instructions

Overview of the main unit
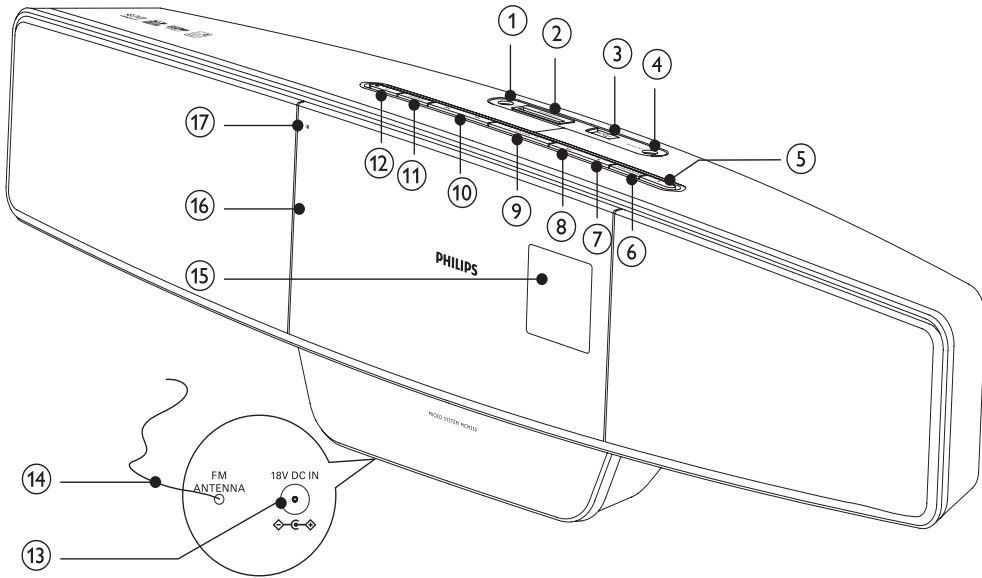
(1) 🎧
- Jack for the headphone.

(2) **SD/MMC**
- Jack for a SD/MMC card.

(3) ⟵•→
- Jack for a USB mass storage device.

(4) **MP3 LINK**
- Audio input jack (3.5mm) for an external audio device.

(5) ⏏
- Open/close the disc compartment.

(6) **LIVING SOUND**
- Turn on or off the Living Sound effect.

(7) ■
- Stop play or erase a program.

(8) ▶❙❙
- Start or pause play.

(9) **VOLUME + / -**
- Adjust volume.

(10) ❙◀◀/▶▶❙
- Skip to the previous/next track.
- Search within a track/ disc/USB.
- Tune to a radio station.
- Select 12 hour or 24 hour format.
- Adjust time.

(11) **SOURCE**
- Select a source.

(12) ⏻
- Turn on the unit, or switch to standby mode, or switch to Eco Power standby.

(13) **DC IN**
- Jack for the supplied AC adaptor.

(14) **FM antenna**
- Improve FM reception.

(15) **Display panel**
- Show current status.

(16) **Disc compartment door**

(17) **iR**
- Remote sensor.

Overview of the remote control
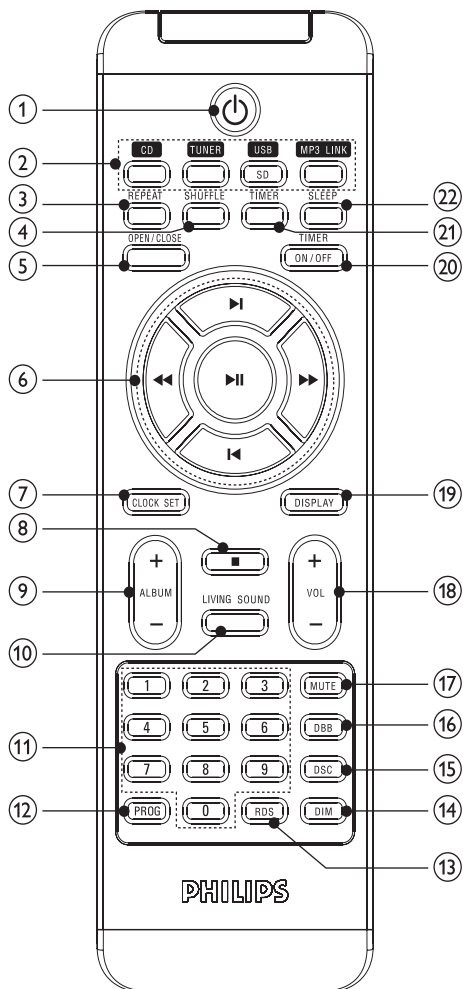
(a) ⏻
- Turn on the unit, or switch to standby mode, or switch to Eco Power standby.

(b) Source selection keys
- Select a source.

(c) REPEAT
- Play a track or all tracks repeatedly.

(d) SHUFFLE
- Play tracks randomly.

(e) OPEN/CLOSE
- Open or close the disc compartment.

(f) ▶ⅠⅠ
- Start or pause play.

◀◀/▶▶
- Search within a track/ disc/USB.
- Tune to a radio station.

Ⅰ◀/▶Ⅰ
- Skip to the previous/next track.
- Select a preset radio station.
- Select 12 hour or 24 hour format.
- Adjust time.

(g) CLOCK SET
- Set the clock.

(h) ■
- Stop play or erase a program.

(i) ALBUM +/-
- Skip to the previous/next album.

(j) LIVING SOUND
- Turn on or off the Living Sound effect.

(k) Numeric keypad
- Select a track from a disc directly.

(l) PROG
- Program tracks.
- Program radio stations.

(m) RDS
- Select RDS broadcast information.

(n) DIM
- Select different levels of display brightness.

(o) DSC
- Select a preset sound equalizer setting.

(p) DBB
- Turn on or off dynamic bass enhancement.

(17) **MUTE**
- Mute volume.

(18) **VOL +/-**
- Adjust volume.

(19) **DISPLAY**
- Select display information.

(20) **TIMER ON/OFF**
- Turn on or off alarm timer.

(21) **TIMER**
- Set the alarm timer.

(22) **SLEEP**
- Set the sleep timer.

3 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 bottom of the apparatus. Write the numbers here:
Model No. _____
Serial No. _____

Placement

You can place the unit on a flat surface or mount the unit on a wall.

Mount on a wall

To wall mount the unit, see the included separate sheet of wall mounting instructions.

Prepare the remote control

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

For first-time use:

1 Remove the protective tab to activate the remote control battery.

To replace the remote control battery:

1 Open the battery compartment.

2 Insert 1 CR2025 battery with correct polarity (+/-) as indicated.

3 Close the battery compartment.
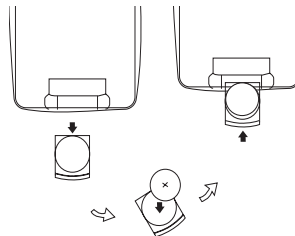
> 🗏 **Note**
>
> - Before pressing any function button on the remote control, first select the correct source with the remote control instead of the main unit.
> - If you are not going to use the remote control for a long time, remove the battery.

Connect power

> ⚠ **Caution**
>
> - Risk of product damage! Ensure that the power supply voltage corresponds to the voltage printed on the bottom of the unit.
> - Risk of electric shock! When you unplug the AC adaptor, always pull the plug from the socket. Never pull the cord.
> - Before connecting the AC adaptor, ensure you have completed all other connections.

1 Connect one end of the AC adaptor to the **DC IN** socket on the bottom of the main unit.
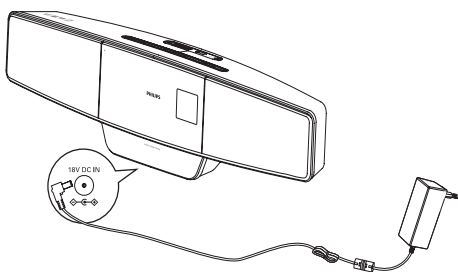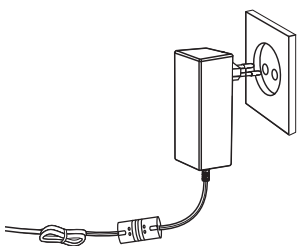

2 Connect the other end of the AC adaptor to the wall outlet.

Auto install radio stations

When you connect power and no radio stations are stored, the unit automatically begins to store radio stations.

1 Connect the unit to the power supply.
» [AUTO INSTALL - PRESS PLAY] (auto install - press the PLAY button) is displayed.

2 Press ►❚❚ on the main unit to start installation.
» [AUTO] (auto) is displayed.

» The unit automatically stores radio stations with sufficient signal strength.

» When all the available radio stations are stored, the first preset radio station is broadcast automatically.

Set clock

1 In the standby mode, press **CLOCK SET** to enter the clock setting mode.

2 Press ◄◄/►►❘ repeatedly to select 12 hour or 24 hour format.

3 Press **CLOCK SET** to confirm.
» The hour digits are displayed and begin to blink.

4 Press ◄◄/►►❘ to set the hour.

5 Press **CLOCK SET** to confirm.
» The minute digits are displayed and begin to blink.

6 Press ◄◄/►►❘ to set the minute.

7 Press **CLOCK SET** to confirm the clock setting.

Turn on

1 Press ⏻.
» The unit switches to the last selected source.

Switch to standby

1 Press ⏻ again to switch the unit to standby mode.
» The clock (if set) appears on the display panel.

To switch the unit to Eco Power Standby mode:

1 In the standby mode, press and hold ⏻ for more than 2 seconds.
» The backlight on the display panel turns off.

> ✳ **Tip**
>
> • To display clock after the unit switched to eco power standby mode, press ⏻ again.

4 Play

Play disc

1 Press **CD** to select the disc source.

2 Press **OPEN/CLOSE** to open the disc compartment.

3 Insert a disc with the printed side facing outward, then press **OPEN/CLOSE** to close the disc compartment.

4 If the disc doesn't play, press ►❚❚.
- To pause/resume play, press ►❚❚.
- To stop play, press ■.
- To select another track, press ❙◄/►❙ or press a numeric button.
- To select an album, press **ALBUM +/-**.
- To search within a track, press and hold ◄◄/►►, then release to resume normal play.

Play from USB or SD/MMC
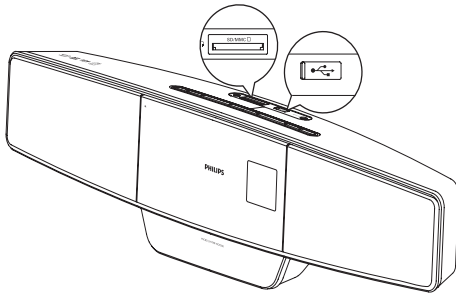
> **Note**
>
> • Ensure that the USB device contains playable audio contents for supported formats. (see 'USB playability information' on page 15)

1 Insert the USB plug of the device into the ⟋⟍ socket, or the SD/MMC card into the **SD/MMC** socket.

2 Press **USB/SD** to select the USB source, or the SD source.

3 Press **ALBUM +/-** to select a folder.

4 Press ❙◄/►❙ to select an audio file.

5 If the disc doesn't play, press ►❚❚.
- To pause/resume play, press ►❚❚.
- To stop play, press ■.
- To search within an audio file, press and hold ◄◄/►►, then release to resume normal play.

Play from an external device

You can also listen to an external audio device through this unit.

1 Press **MP3 LINK** to select the MP3 link source.

2 Connect the supplied MP3 link cable to:
- the **MP3 LINK** jack (3.5mm) on the unit.
- the headphone jack on an external device.

3 Start to play the device (see the device user manual).

5 Play options

Repeat play

1 During play, press **REPEAT** repeatedly to select:
- [REP] (repeat): the current track is played repeatedly.
- [REP ALL] (repeat all): all tracks are played repeatedly.

2 To return to normal play, press **REPEAT** repeatedly until repeat mode is no longer displayed.

Random play

1 Press **SHUFFLE**.
- ↳ [SHUF] (shuffle): all tracks are played randomly.

2 To return to normal play, press **SHUFFLE** again.

✱ Tip

- The repeat and shuffle functions cannot be activated at the same time.
- Shuffle play cannot be selected when you play programmed tracks.

Program tracks

You can program a maximum of 40 tracks.

1 At CD/USB/SD mode, in the stop position, press **PROG** to activate the program mode.
  ↳ [PROG] (program) is displayed.

2 For MP3/WMA tracks, press **ALBUM +/-** to select an album.

3 Press ⏮/⏭to select a track, then press **PROG** to confirm.

4 Repeat steps 2 to 3 to select and store all tracks to program.

5 Press ▶⏸ to play the programmed tracks.
  ↳ During play, [PROG] (program) is displayed.

  - To erase the program, in the stop position, press ■.

6 Adjust sound

Adjust volume level

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

Mute sound

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

Select a preset sound effect

1 During play, press **DSC** repeatedly to select:
  - [POP] (pop)
  - [JAZZ] (jazz)
  - [CLASSIC] (classic)
  - [ROCK] (rock)

Enhance bass

1 During play, press **DBB** to turn or or off dynamic bass enhancement.
  ↳ If DBB is activated, DBB is displayed.

Immerse music over a wider spot

1 During play, press **LIVING SOUND** on the remote control to turn on or off the sound effect.
  ↳ If Living Sound is activated, ◉ is displayed.

Listen through headphone

1 Plug a headphone into the ⌂ on the top of the unit.

7 Listen to radio

Tune to a radio station

1 Press **TUNER** to select FM.

2 Press and hold ◀◀/▶▶ for more than 2 seconds.
  ↳ [SEARCH] (search) is displayed.
  ↳ The radio tunes to a station with strong reception automatically.

3 Repeat step 2 to tune to more stations.
  - To tune to a weak station, press ◀◀ /▶▶ repeatedly until you find optimal reception.

Program radio stations automatically

You can program a maximum of 20 preset radio stations (FM).

1 In the tuner mode, press and hold PROG for more than 2 seconds to activate automatic program mode.
  » [AUTO] (auto) is displayed.
  » All available stations are programmed in the order of waveband reception strength.
  » The first programmed radio station is broadcast automatically.

Program radio stations manually

You can program a maximum of 20 preset radio stations (FM).

1 Tune to a radio station.
2 Press **PROG** to activate program mode.
  » [PROG] (program) is displayed.
3 Press ◄/► to allocate a number to this radio station, then press **PROG** to confirm.
4 Repeat the above steps to program other stations.

❋ Tip

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

Select a preset radio station

1 In tuner mode, press ◄/► to select a preset number.

❋ Tip

- Position the antenna as far as possible from TV, VCR or other radiation source.
- For optimal reception, fully extend and adjust the position of the antenna.

FM stations with RDS

Radio Data System (RDS) is a service that sends additional broadcast information along with FM stations.
If you listen to a FM station with RDS signal, "RDS" is displayed.

Display RDS information

1 For a FM station with RDS, press **RDS** repeatedly to display various broadcast information.

Other features

Set the alarm timer

This unit can be used as an alarm clock. The disc/radio/USB/SD/MMC is activated to play at a preset time.

1 Ensure that you have set the clock correctly.
2 Press ⏻ to switch to standby mode.
3 Press **TIMER**.
  » A prompt to select the source is displayed.
4 Press **CD**, or **TUNER** or **USB/SD** to select a source.
5 Press **TIMER** to confirm.
  » The clock digits are displayed and begin to blink.
6 Press ◄/► to set the hour.
7 Press **TIMER** to confirm.
8 Press ◄/► to set the minute.
  » The timer is set and activated.

To deactivate or re-activate an alarm timer

1 Press **TIMER ON/OFF** repeatedly to activate or deactivate timer.
  » If timer is activated, the display shows ⏰.
  » If timer is deactivated, ⏰ disappears on the display.

Set the sleep timer

This unit can switch to standby automatically after a set period of time.

1 When the unit is turned on, press **SLEEP** repeatedly to select a set period of time (in minutes).
  » When sleep timer is activated, z^z is displayed.

To deactivate sleep timer

1 Press **SLEEP** repeatedly until [OFF] (off) is displayed.
  » When sleep timer is deactivated, z^z disappears on the display.

Adjust display brightness

1 Press **DIM** repeatedly to select different levels of display brightness.

8 Product information

Note

• Product information is subject to change without prior notice.

Specifications

Amplifier

Total output power	2X10W RMS (with Living Sound off) 4 x 6W RMS (with Living Sound on)
Frequency response	125Hz - 16kHz, ±3dB
Signal to noise ratio	>65dB
MP3 link input	0.5 V RMS 20kohm

Disc

Laser type	Semiconductor
Disc diameter	12cm/8cm
Support disc	CD-DA, CD-R, CD-RW, MP3-CD, WMA-CD
Audio DAC	24Bits / 44.1kHz
Total harmonic distortion	<1.5%
Frequency response	60Hz -16kHz (44.1kHz)
Signal to noise ratio	>75dBA

Tuner

Tuning range	FM: 87.5 - 108MHz
Tuning grid	50KHz
Number of presets	20 FM

Speakers

Speaker Driver	3.5''woofer+0.8'' tweeter
Sensitivity	>82dB/m/W

General information

AC power (power adaptor)	Input: 100-240V~, 50/60Hz, 1.5A Max.; Output: 18V === 2.5A; Brand name: Philips; Model: OH-1048B1802500U-VDE
Operation Power Consumption	20W
Standby Power Consumption	<2W
Eco Power Standby Power Consumption	<1W
USB Direct	Version 2.0/1.1
Dimensions - Main Unit (W x H x D)	571 x143 x 91mm
Weight - Main Unit	1.91 kg

USB playability information

Compatible USB devices:
- USB flash memory (USB 2.0 or USB 1.1)
- USB flash players (USB 2.0 or USB 1.1)

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 be 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

Supported MP3 disc formats

- ISO9660, Joliet
- Maximum title number: 999 (depending on file name length)
- Maximum album number: 99
- Supported sampling frequencies: 32 kHz, 44.1kHz, 48 kHz
- Supported Bit-rates: 32-320 (kbps), variable bit rates
- ID3 tag v2.0 or later
- Directory nesting up to a maximum of 8 levels

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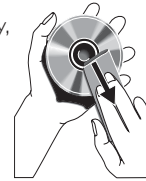
Clean the disc lens
- After prolonged use, dirt or dust may accumulate at the disc lens. To ensure good play quality, clean the disc lens with Philips CD lens cleaner or any commercially available cleaner. Follow the instructions supplied with cleaner.

9 Troubleshooting

⚠ Warning

- Never remove the casing of this apparatus.

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

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

No power
- Ensure that the AC power plug of the unit is connected properly.
- Ensure that there is power at the AC outlet.
- To save power, the unit switches to standby automatically 15 minutes after a play reaches the end and no control is operated.

No sound
- Adjust the volume.

No response from the unit
- Disconnect and reconnect the AC power plug, then turn on the unit again.

No disc detected
- Insert a disc.
- Check if the disc is inserted with the print side facing inward.
- Wait until the moisture condensation at the lens has cleared.
- Replace or clean the disc.
- Use a finalized CD or correct format disc.

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 unit.

- 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 unit.

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

USB device not supported
- The USB device is incompatible with the unit. Try another one.

Poor radio reception
- Increase the distance between the unit and your TV or VCR.
- Fully extend and adjust the FM antenna.

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

Clock disappeared
- The unit switched to eco power standby mode. Press ⏻ to display the clock.

Timer does not work
- Set the clock correctly.
- Switch on the timer.

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