www.philips.com/welcome

DCM109

EN   **User manual**

ZH-CN   用户手册

PHILIPS

Contents

English

1 Important

Safety

Know these safety symbols

This 'bolt of lightning' indicates uninsulated material within your unit may cause an electrical shock. For the safety of everyone in your household, please do not remove product covering.

The 'exclamation point' calls attention to features for which you should read the enclosed literature closely to prevent operating and maintenance problems.

WARNING: To reduce the risk of fire or electric shock, this apparatus should not be exposed to rain or moisture and objects filled with liquids, such as vases, should not be placed on this apparatus.

CAUTION: To prevent electric shock, match wide blade of plug to wide slot, fully insert.

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.
- The batteries 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) 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.

! Caution

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

⚠ Warning

- Never remove the casing of this unit.
- Never lubricate any part of this unit.
- Place this unit on a flat, hard and stable surface.
- Never place this unit on other electrical equipment.
- Only use this unit indoors. Keep this unit away from water, moisture and liquid-filled objects.
- Keep this unit away from direct sunlight, naked flames or heat.
- Never look into the laser beam inside the unit.

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.

English

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.

Any changes or modifications made to this device that are not expressly approved by Philips Consumer Lifestyle may void the user's authority to operate the equipment.

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 that 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. Correct disposal of your old product helps to prevent potential negative consequences for the environment and human health.

Your product contains batteries covered by the European Directive 2006/66/EC, which cannot be disposed with normal household waste. Please inform yourself about the local rules on separate collection of batteries because correct disposal helps to prevent negative consequences for the environmental 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.

This apparatus includes these labels:

```
┌─────────────────────────┐
│   CLASS 1               │
│   LASER PRODUCT         │
└─────────────────────────┘
```

Class II equipment symbol

This symbol indicates that the apparatus has a double insulation system.

> **Note**
>
> • The type plate is located at the rear of the apparatus.

2 Your Docking Entertainment System

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 audio CDs, iPod players, iPhone and other external devices
- listen to FM radio stations

You can enrich sound output with these sound effects:
- Digital Sound Control (DSC)
- Dynamic Bass Boost (DBB)

The unit supports the following media format:
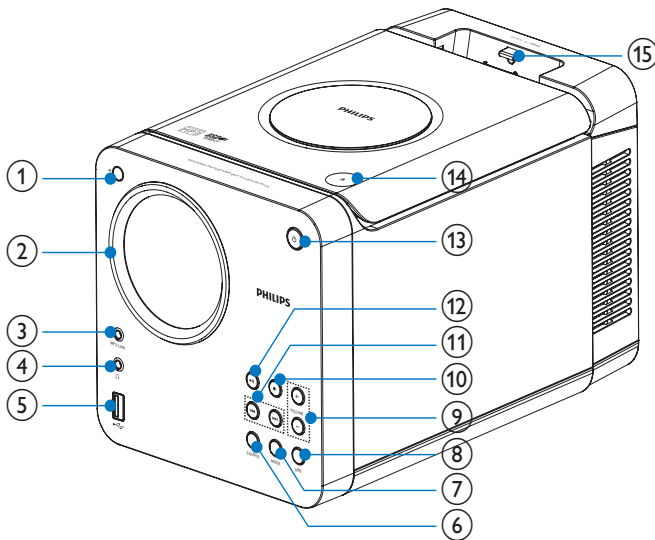

What's in the box
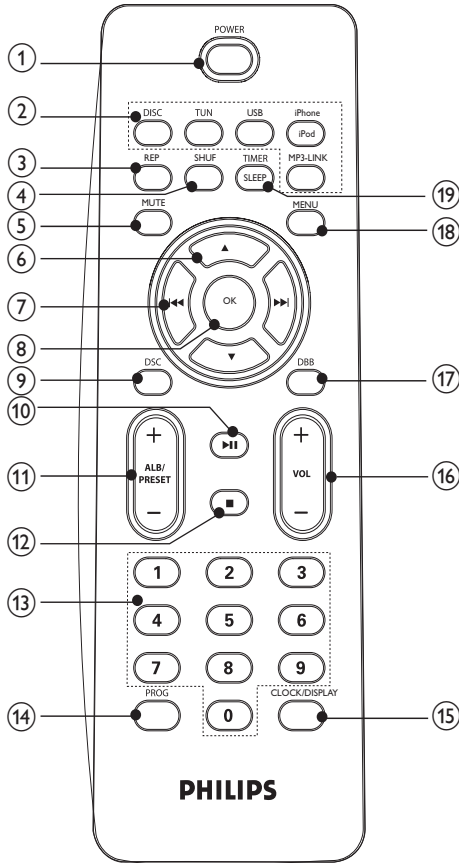
Check and identify the contents of your package:
- Main unit
- Loudspeaker boxes x 2
- MP3 link cable x 1
- Remote control
- User manual
- Quick start guide

Overview of the main unit

a **IR**
- Remote control sensor.
- Power on/standby indicator

b **Display panel**
- Show current status.

c **MP3 LINK**
- Jack for an external audio device.

d 🎧
- Headphone jack.

e ⛧
- USB socket.

f **SOURCE**
- Select a source.

g **MODE**
- Select repeat play modes.
- Select shuffle play modes.

h **DBB**
- Turn on or off dynamic bass enhancement.

i **VOLUME+/-**
- Adjust volume.

j ■
- Stop play or erase a program.

k ◄◄/►►|
- Skip to the previous/next track.
- Fast reverse or fast forward within a track or disc.
- Tune to a radio station.
- Adjust time.

l ►II
- Start or pause play.

m ⏻
- Turn on the apparatus; switch to standby mode.

n ▲
- Open/close the disc compartment.

o **iPod/iPhone dock**

Overview of the remote control

(6) ▲/▼
- Navigate through the iPod/iPhone menu.

(7) |◀◀/▶▶|
- Fast reverse or fast forward within a track or disc.
- Skip to the previous/next track.
- Tune to a radio station.
- Adjust time.

(8) OK
- Confirm a selection.

(9) DSC
- Select a preset sound setting: POP, JAZZ, ROCK or CLASSIC.

(10) ▶II
- Start or pause play.

(11) ALB/PRESET -/+
- Skip to the previous/next album.
- Select a preset radio station.

(12) ■
- Stop play or erase a program.

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

(14) PROG
- Program tracks.
- Program radio stations.
- Select 12 hour or 24 hour format.

(15) CLOCK/DISPLAY
- Set the clock.
- View the clock.
- During play, select display information.

(16) VOL +/-
- Adjust volume.

(17) DBB
- Turns on or off dynamic bass enhancement.

(18) MENU
- Access the iPod menu.

(19) SLEEP/TIMER
- Set the sleep timer.
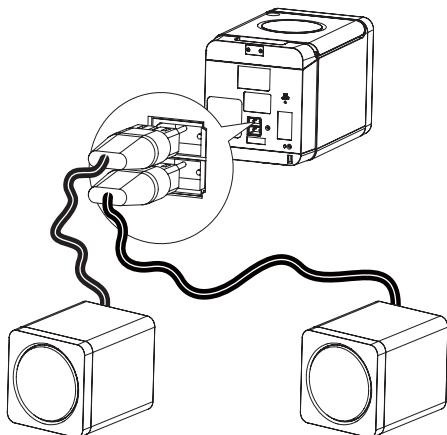- Set the alarm timer.

(1) POWER
- Turn on the apparatus; switch to standby mode.

(2) Source selection keys
- Select a source.

(3) REP
- Select a repeat play mode: repeat one track or all tracks.

(4) SHUF
- Play tracks randomly.

(5) MUTE
- Mute volume.

3 Connect

Connect speakers

> **! Caution**
>
> - For optimal sound, use the supplied speakers only.
> - Connect only speakers with impedance that is the same or higher than the supplied speakers. Refer to the Specifications section of this manual.

1 Fully insert the plugs from the speakers into the speaker sockets on the main unit.

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.
> - Before connecting the AC power cord, ensure you have completed all other connections.

> **≡ Note**
>
> - The AC voltage, frequency and current consumption information is located at rear of the main unit.

1 Connect the power plug to the wall outlet.

4   Get started

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 rear of the apparatus. Write the numbers here:

Model No. _____

Serial No. _____
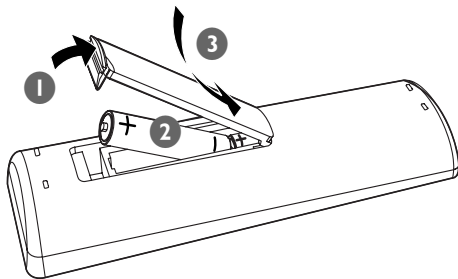
Prepare the remote control

1   Open the battery compartment.
2   Insert 2 AAA batteries (not supplied) with correct polarity (+/-) as indicated.
3   Close the battery compartment.

Plug & Play

When you connect the unit to the power supply for the first time, or no radio station is stored in this unit, Plug and Play mode is activated to store all available radio stations automatically.

1   Connect the unit to the power supply.
   ↳ [AUTO INSTALL - PRESS PLAY, STOP CANCEL] (auto install - press the PLAY button; to cancel, press ■) displays.

2   Press ▶❚❚ on the main unit to start installation.
   ↳ [AUTO] (auto) displays.
   ↳ [PROG] (program) flashes.
   ↳ The unit automatically store radio stations with sufficient signal strength.

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

Toexit Plug and Play installation mode
1   press source keys or ⏻ on the remote control.
   ↳ The system switches to the designated source mode or standby mode.

Turn on

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

Switch to standby

1 Press **POWER** to switch the unit to standby mode.
» The backlight on the display panel is dimmed.
» The clock (if set) appears on the display panel.

Set clock

1 Press and hold **CLOCK/DISPLAY** to activate the clock setting mode.
» The 12 hour or 24 hour format is displayed.

2 Press **PROG** repeatedly to select 12 hour or 24 hour format.

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

4 Press ◄◄/►► to set the hour.

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

6 Press ◄◄/►► to set the minute.

7 Press **CLOCK/DISPLAY** to confirm.

✳ Tip

• To view the clock during play, press **CLOCK/DISPLAY** repeatedly until the clock is displayed.

5 Play

Play discs

1 Press **DISC** on the remote control to select the disc source.

2 Press ▲ on the top panel of the unit.
   » The disc door opens.

3 Place a disc onto the tray and press ▲ again.
   - Ensure that the label side faces upwards.
   - Play starts automatically.

- If play does not start, press ◄◄/►►I to select a track and then press ►II.

Play from USB

> **Note**
>
> - Ensure that the USB device contains playable audio contents for supported formats.

1 Insert the USB plug of a USB device into the ↔ socket on the main unit.

2 Press **USB** to select the USB source.
   » The total number of tracks displays.

3 Press **ALB/PRESET+/-** to select a folder.

4 Press ◄◄/►►Ito select a file.

5 Press ►II to start play.

6 Play options

Skip to a track

For CD:

1 Press ◀◀/▶▶Ito select another track.
- To select a track directly, you can also press a key on the numerical keypad.

For MP3 discs and USB:

1 Press **ALB/PRESET+/-** to select an album or folder.

2 Press ◀◀/▶▶Ito select select a track or file.

Pause/resume play

1 During play, press ▶❚❚ to pause/resume play.

Search within a track

1 During play, press and hold ◀◀/▶▶I .

2 Release to resume normal play.

Display play information

1 During play, press **CLOCK/DISPLAY** repeatedly to select different play information.

Repeat play

1 During play, press **REP** repeatedly to select:
- [REPEAT] (repeat)
  - ↳ ↻-1 displays on the display panel. The current track is played repeatedly.

- [REPEAT ALBUM] (repeat album)
  - ↳ ↻ALB displays on the display panel. The current album is played repeatedly. Only available for MP3.
- [REPEAT ALL] (repeat all)
  - ↳ ↻ displays on the display panel. All tracks are played repeatedly.

2 To return to normal play, press **REP** repeatedly until the repeat mode is no longer displayed on the display panel.

Random play

1 Press **SHUF**.
- ↳ ⤨ displays on the display panel: all tracks are played randomly.

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

✱ Tip

- The repeat and shuffle functions cannot be activated at the same time.

Program tracks

You can program a maximum of 40 tracks.

1 In DISC/USB mode, at the stop position, press **PROG** to activate the program mode.
- ↳ [PROG] (program) blinks on the display panel.

2 Press ◀◀/▶▶I to select a track.
- For MP3 tracks, press **ALB/ PRESET+/-** to select an album.

3 Press **PROG** to confirm.

4 Repeat step 2 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 ■ .

7 Play from iPod/ iPhone

You can enjoy audio from iPod/iPhone through this unit.

Compatible iPod/iPhone

Apple iPod and iPhone models with a 30-pin dock connector:
- iPod classic, iPod touch, iPod nano, iPod 5th generation (video), iPod with color display, iPod mini.
- iPhone, iPhone 3G, iPhone 3GS.

Listen to an iPod through this unit

1 Place the iPod/iPhone in the dock.
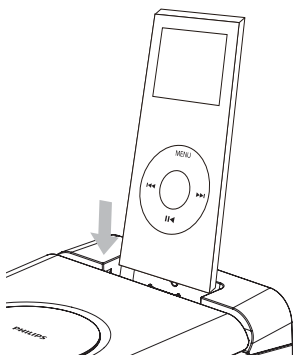
» The main unit switches to iPod/iPhone mode automatically and start playback.

- To pause/resume play, press ►❚❚.
- To skip to a track, press ❙◄◄/►►❙.
- To search during play: press and hold ❙◄◄/►►❙, then release to resume normal play.

- To navigate the menu: press **MENU**, then press ▲/▼ to select, and press **OK** to confirm.

Charge the iPod/iPhone

When the unit is connected to power, the docked iPod/iPhone begins to charge.

> ✱ **Tip**
>
> - For certain iPod models, it may take up to a minute before the charging indication appears.

Remove the iPod/iPhone

1 Pull the iPod/iPhone out of the dock.

8 Adjust volume level and sound effect

Adjust volume level

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

Select a preset sound effect

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

Enhance bass

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

Mute sound

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

9 Listen to radio

Tune to a radio station

1 Press **TUN** 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

Note

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

1 In the tuner mode, press and hold **PROG** for 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

Note

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

1 Tune to a radio station.

2 Press **PROG** to activate program mode.
  ↳ [PROG] (program) blinks on the display.

3 Press **ALB/PRESET -/+** to allocate a number (1 to 20) to this radio station, then press **PROG** to confirm.
  ↳ The preset number and the frequency of the preset station are displayed.

4 Repeat the above steps to program other stations.

Note

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

Select a preset radio station

1 Press **ALB/PRESET -/+** to select a preset number.

Tip

• Make sure the FM antenna is fixed to the main unit.
• 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.

10 Other features

Set the alarm timer

This unit can be used as an alarm clock. The DISC, TUNER, USB or iPod/iPhone source can be activated to play at a preset time.

1 Ensure that you have set the clock correctly.

2 Press and hold **SLEEP/TIMER**.

3 Press **DISC** , **TUN**, **USB** or **iPod/iPhone** to select a source.

4 Press **SLEEP/TIMER** to confirm.
   » The hour digits are displayed and begin to blink.

5 Press ⏮/⏭ to set the hour.

6 Press **SLEEP/TIMER** to confirm.
   » The minute digits are displayed and begin to blink.

7 Press ⏮/⏭ to set the minute.

8 Press **SLEEP/TIMER** to confirm.
   » The timer is set and activated.

> **Note**
>
> • If the DISC/USB/iPod/iPhone source is selected but no disc inserted or no USB/ iPod/ iPhone is connected, the system will switch to the tuner source automatically.

Activate and deactivate alarm timer

1 In the standby mode, press **SLEEP/TIMER** repeatedly to activate or deactivate timer.
   » If timer is activated, the display shows ⏰.
   » If timer is deactivated, ⏰ disappears on the display.

> **Tip**
>
> • Alarm timer is not available in MP3 LINK mode.
> • If the DISC/USB/iPod/iPhone source is selected but no disc inserted or no USB/iPod/iPhone is connected, the system will switch to the tuner source automatically.

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/TIMER** repeatedly to select a set period of time (in minutes).
   » When sleep timer is activated, the display shows $_z{}^z{}^Z$.

2 Press **SLEEP/TIMER** repeatedly until **[OFF]** is displayed.
   » When sleep timer is deactivated, $_z{}^zZ$ disappears on the display.

Listen to an audio player

You can listen to an MP3 player through this unit.

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

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

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

11 Product information

> **Note**
>
> • Product information is subject to change without prior notice.

Specifications

Amplifier

Rated Output Power	2X5W RMS
Frequency Response	60 - 16kHz, ±3dB
Signal to Noise Ratio	>65dBA
Aux Input	0.8 V RMS 20kohm

Disc

Laser Type	Semiconductor
Disc Diameter	12cm/8cm
Support Disc	CD-DA, CD-R, CD-RW, MP3-CD
Audio DAC	24Bits / 44.1kHz
Total Harmonic Distortion	<1%
Frequency Response	60Hz -16kHz (44.1kHz)
S/N Ratio	>65dBA

Tuner

Tuning Range	FM: 87.5 - 108 MHz
Tuning Grid	50 KHz
Sensitivity - Mono, 26 dB S/N Ratio	< 22 dBf
Search Selectivity	< 36 dBu
Total Harmonic Distortion	< 3%
Signal to Noise Ratio	> 45 dBA

Speakers

Speaker Impedance	4ohm
Speaker Driver	3.5''
Sensitivity	>82dB/m/W

General information

AC power	110-240 V, 50/60 Hz
Operation Power Consumption	25 W
Standby Power Consumption	< 2 W
Dimensions - Main Unit (W x H x D)	150 x 152 x 250 mm
- Speaker Box (W x H x D)	150 x 152 x 197 mm
Weight - With Packing	5.07 kg
- Main Unit	2.02 kg
- Speaker Box	2 x 0.895 kg

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 this apparatus)

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
- 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 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

Supported MP3 disc formats

- ISO9660, Joliet
- Maximum title number: 512 (depending on file name length)
- Maximum album number: 255
- Supported sampling frequencies: 32 kHz, 44.1kHz, 48 kHz
- Supported Bit-rates: 32~256 (kbps), variable bit rates

12 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.
• As a power-saving feature, the unit switches off automatically 15 minutes after track play reaches the end and no control is operated.

No sound or poor sound

No sound or poor sound
• Adjust the volume.
• Disconnect the headphones.
• Check that the speakers are connected correctly.
• Check if the stripped speaker wires are clamped.

Left and right sound outputs reversed
• Check the speaker connections and location.

No response from the apparatus
• Disconnect and reconnect the AC power plug, then turn on the system again.

• As a power-saving feature, the system switches off automatically 15 minutes after track play reaches the end and no control is operated.

Remote control does not work
• Before you press 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.

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.

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 the FM antenna.

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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