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Philips

MCM151

User manual

PHILIPS

Contents

1 Important

Safety

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

The 'exclamation mark' 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, the device should not be exposed to rain or moisture and objects filled with liquids, such as vases, should not be placed on the device.

CAUTION: To prevent electric shock, fully insert the plug. (For regions with polarized plugs: To prevent electric shock, match wide blade to wide slot.)

Important Safety Instructions

- Follow all instructions.
- Heed all warnings.
- Do not use this device near water.
- Clean only with dry cloth.
- Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- Do not install near any heat sources such as radiators, heat registers, stoves, or other devices (including amplifiers) that produce heat.

- Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit from the device.
- Only use attachments/accessories specified by the manufacturer.
- Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer or sold with the device. When a cart is used, use caution when moving the cart/device combination to avoid injury from tip-over.

- Unplug this device during lightning storms or when unused for long periods of time.
- Refer all servicing to qualified service personnel. Servicing is required when the device 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 device, the device has been exposed to rain or moisture, does not operate normally, or has been dropped.
- 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.).
  - Batteries (packed or installed) shall not be exposed to excessive heat such as sunshine, fire or the like.
  - Remove batteries when the unit is not used for a long time.
- The device shall not be exposed to dripping or splashing.
- Do not place any sources of danger on the device (e.g. liquid filled objects, lighted candles).

- 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 the apparatus.
- Ensure that you always have easy access to the power cord, plug or adaptor to disconnect the apparatus from the power.

❗ **Caution**

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

Mains fuse

This information applies only to products with a UK mains plug.

This product is fitted with an approved molded plug. If you replace the fuse, use one with:

- the ratings shown on the plug,
- a BS 1362 approval, and
- the ASTA approval mark.

Contact your dealer if you are not sure about what type of fuse to use.

Caution: To conform with the EMC directive (2004/108/EC), do not detach the plug from the power cord.

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.

▬ **Note**

- The type plate is located on the back of the product.

2 Your Micro Hi-Fi 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 micro system, you can:
- play audio from discs, tapes, and external audio devices, and
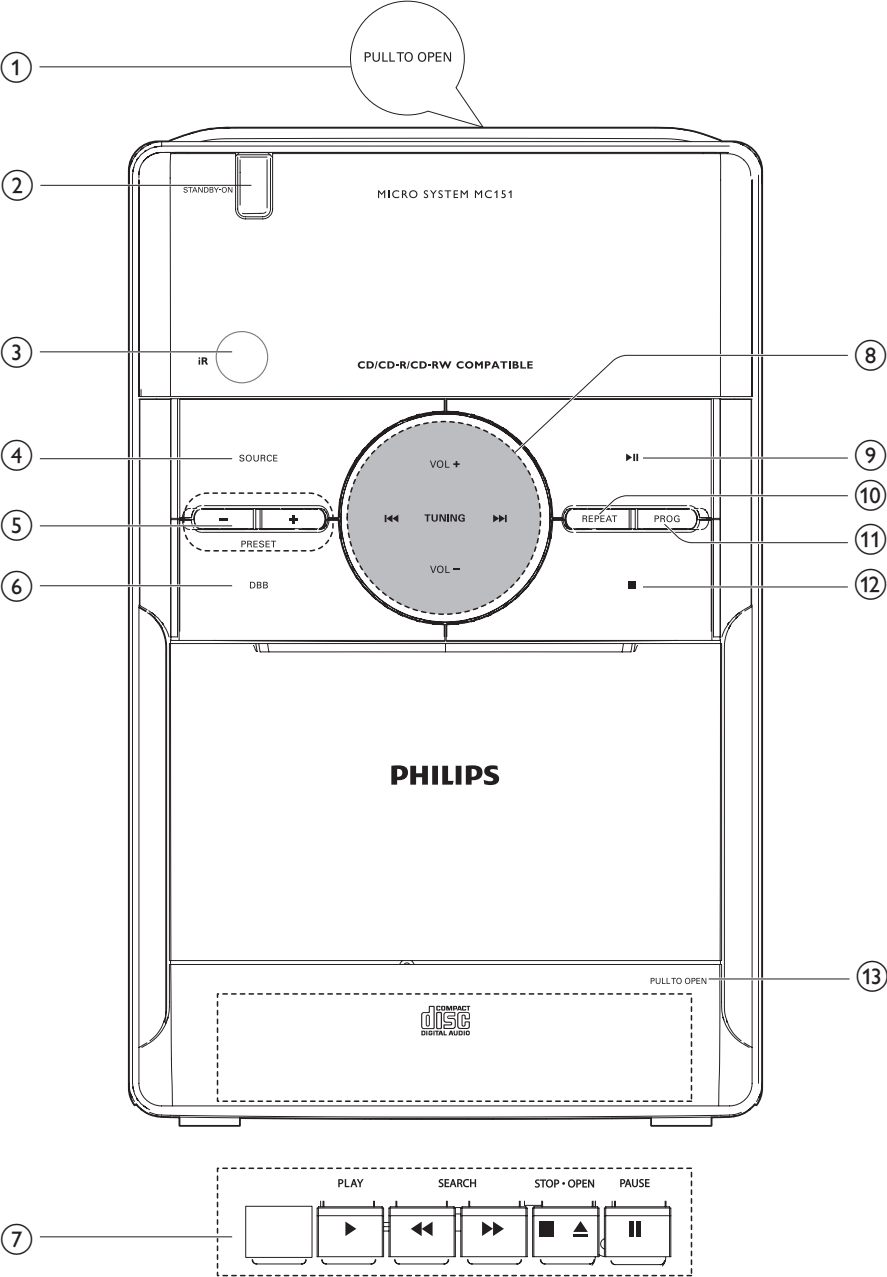- listen to FM/AM radio stations

You can enrich sound output with the following sound effect:
- Dynamic Bass Boost (DBB)

The micro system supports the following media format:

What's in the box

Check and identify the contents of your package:
- Main unit
- Loudspeaker boxes x 2
- Remote control
- Short user manual

Overview of the main unit

① PULL TO OPEN

② STANDBY-ON   MICRO SYSTEM MC151

③ iR   CD/CD-R/CD-RW COMPATIBLE   ⑧

④ SOURCE   VOL +   ▶ll   ⑨

⑤ − +   I◀◀ TUNING ▶▶I   REPEAT   PROG   ⑩
    PRESET   ⑪

⑥ DBB   VOL −   ⑫

PHILIPS

PULL TO OPEN   ⑬

COMPACT
disc
DIGITAL AUDIO

⑦   PLAY   SEARCH   STOP • OPEN   PAUSE
    ▶   ◀◀   ▶▶   ■   ▲   ll

PULL TO OPEN
- Open or close the disc compartment.

STANDBY-ON ⏻
- Turn on the micro system.
- Switch the system to standby mode.

iR
- Receive infrared signals from the remote control.

SOURCE
- Select a source: disc, tuner, tape or AUX (external audio source).

PRESET +/-
- Select a preset radio station.

DBB
- Turn dynamic bass enhancement on or off.

Tape deck operation
- ▶

  Start tape play.
- ◀◀ / ▶▶

  Fast rewind or wind the tape.
- ■▲

  Stop the tape play or open the tape door.
- ❚❚

  Pause tape play.

TUNING I◀◀ / ▶▶I
- Skip to the previous or next track.
- Search within a track or disc.
- Tune to a radio station.

  VOL +/-
- Adjust volume.

▶❚❚
- Start or pause play.

REPEAT
- Repeat a track or disc.

PROG
- Program tracks.
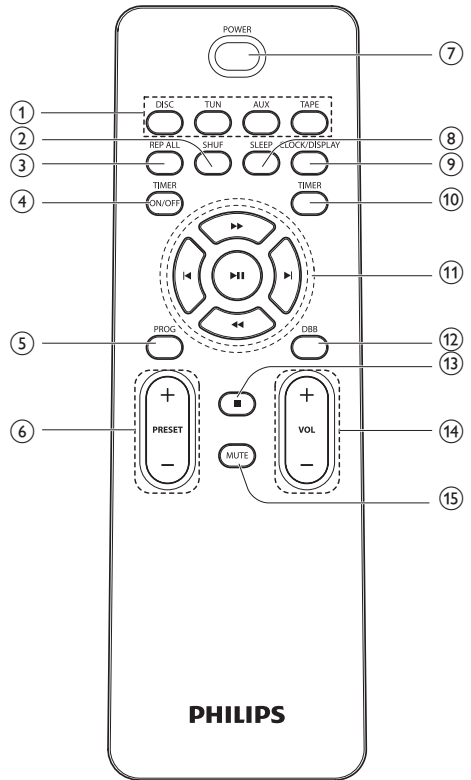- Program radio stations.

■
- Stop play or erase a program.

PULL TO OPEN
- Open the tape button cover.

Overview of the remote control

Source selection keys
- Select a source: disc, tuner, tape or AUX (external audio source).

SHUF
- Play tracks randomly.

REP ALL
- Play all tracks repeatedly.

TIMER ON/OFF
- Turn the alarm timer on or off.

e PROG
  - Program tracks.
  - Program radio stations.

f PRESET +/-
  - Select a preset radio station.

g POWER
  - Turn on the micro system.
  - Switch the micro system to standby mode.

h SLEEP
  - Set the sleep timer.

i CLOCK/DISPLAY
  - Set the clock.
  - Display play information.

j TIMER
  - Set the alarm timer.

k ►❙❙
  - Start or pause play.
  ◄◄ / ►►
  - Search within a track or disc.
  - Tune to a radio station.
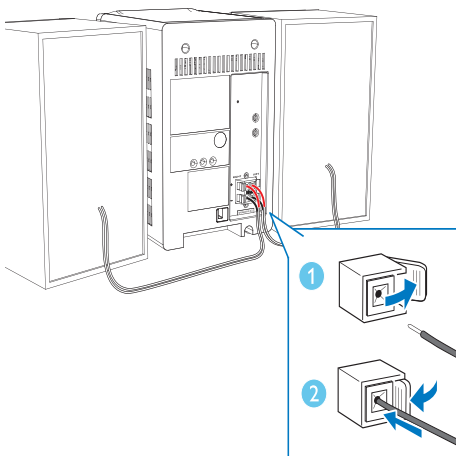 ❙◄ / ►❙
  - Skip to the previous or next track.

l DBB
  - Turn dynamic bass enhancement on or off.

m ■
  - Stop play or erase a program.

n VOL +/-
  - Adjust volume.

o MUTE
  - Mute volume.

3 Get started

Always follow the instructions in this chapter in sequence.

Connect speakers

Note

- Insert the stripped portion of each speaker wire into the socket completely.
- For better sound quality, 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 For the right speaker, find the sockets on the the main unit marked "RIGHT".

2 Insert the red wire into the red (+) socket, the black wire into the black (-) socket.

3 For the left speaker, find the sockets on the main unit marked "LEFT".

4 Repeat step 2 to insert the left speaker wire.

To insert each speaker wire:

1 Hold down the socket flap.

2 Insert the speaker wire fully.

3 Release the socket flap.

Connect power

Caution

- Risk of product damage! Make sure that the power supply voltage corresponds to the voltage printed on the back of the micro system.
- Before connecting the AC power cord, make sure that you have completed all other connections.

Connect the AC power cord to the power outlet.
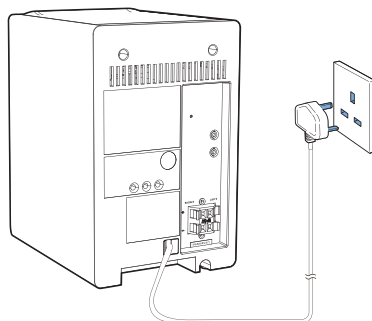
Prepare the remote control

Caution

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

To install the remote control battery:

1 Open the battery compartment.

2 Insert 2 AAA batteries (not supplied) with correct polarity (+/-) as indicated.

3 Close the battery compartment.

Set clock

1 Press **POWER** to switch the system to standby mode.
   » --:-- (or clock) is displayed.

2 Press and hold **CLOCK/DISPLAY** for 2 seconds to activate the clock setting mode.
   » The 12 hour or 24 hour format is displayed.
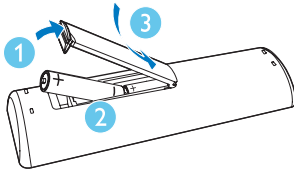
3 Press **PROG** repeatedly to select 12 hour or 24 hour format.

4 Press **CLOCK/DISPLAY** to confirm.
   » The hour digits begin to blink.

5 Press ◄◄ / ►► to set the hour.

6 Press **CLOCK/DISPLAY** to confirm.
   » The minute digits begin to blink.

7 Press ◄◄ / ►► to set the minute.

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

> ✱ **Tip**

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

Turn on

Press **POWER**.
   » The micro system switches to the last selected source.

Switch to standby mode

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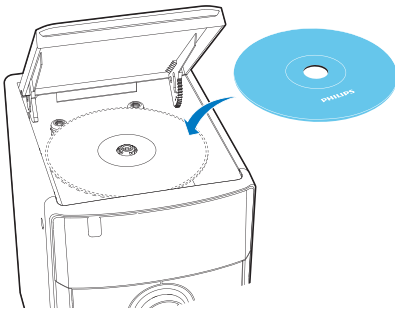   » The clock (if set) appears on the display panel.

4 Play

Play a disc

> **Note**
>
> • Make sure that the disc contains playable audio content.

1 On the top panel, pull up to open the disc compartment.

2 Insert a disc with the printed side facing up, then close the disc compartment.

3 Press **DISC** to select the disc source.

4 Press ►❙❙ to start play.

Control play

During play, follow the instructions below to control play.

Button	Function
◄◄ / ►►	Fast forward or fast reverse the track during playback, then release to resume play.
❙◄ / ►❙	Skip to the previous or next track.
►❙❙	Start or pause play.
■	Stop play.

Repeat play

1 During play, select a repeat play mode:
   • To play the current track repeatedly, press **REPEAT** on the main unit.
   • To play all tracks repeatedly, press **REP ALL** on the remote control.

2 To return to normal play, press **REPEAT** or **REP ALL** again.

Random play

1 During play, press **SHUF**.
   ↳ **[SHUF]** (shuffle) is displayed.
   ↳ All tracks are played randomly.

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

> **Note**
>
> • Random play cannot be selected when you play the programmed tracks.

Program tracks

In CD mode, you can program a maximum of 20 tracks.

1 When no track is played, press **PROG** to activate the program mode.

2 Press ❙◄ / ►❙ to select a track number, then press **PROG** to confirm.
   ↳ **[PROG]** (program) blinks on the display.

3 Repeat step 2 to program more tracks.

4 Press ►❙❙ to play the programmed tracks.
   ↳ During play, **[PROG]** (program) is displayed.
   • To erase the program, press ■ twice.

Display play information

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

Play a tape
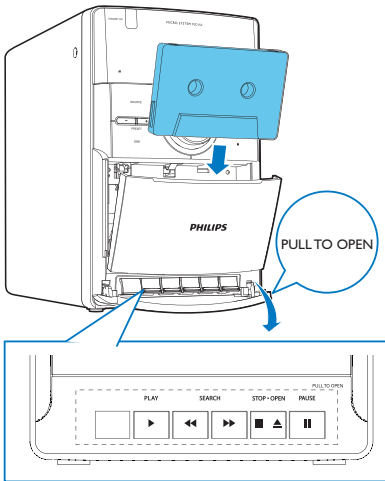
PULL TO OPEN

1   Press **TAPE** to select the tape source.
2   On the front panel, pull at the **PULL TO OPEN** position to open the tape button cover.
3   Press ■▲ to open the tape door.
4   Load a tape with the open side downward, and then close the tape door.
5   Press ► to start play.
    • To pause or resume tape play, press ❙❙.
    • To stop tape play, press ■▲.
    • To fast rewind or wind the tape, press ◄◄ / ►►.

Play from an external device

With this micro system, you can also play audio from an external device such as an MP3 player.

1   Connect an audio cable (not supplied) with 3.5 mm plug on both ends between:

• the **AUX** socket on the micro system, and
• the headphone socket on an external device.

AUX
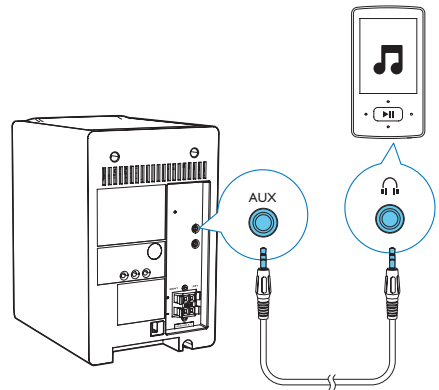
2   Press **AUX** to select AUX source.
3   Play audio on the external device (refer to the user manual of the device).

Adjust volume level and sound effect

Button	Function
VOL +/-	Increase or decrease volume.
MUTE	Mute or resume sound.
DBB	Turn dynamic bass enhancement on or off.

5 Listen to radio

Tune to an FM/AM radio station

✳ Tip

- For better reception, fully extend and adjust the position of the antenna.

1 Press **TUN** to select radio source.

2 Press and hold ◄◄ / ►► until the frequency starts to change.
  ↳ **[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 station manually, press ◄◄ / ►► repeatedly until you find better reception.

Program radio stations automatically

≡ Note

- You can program a maximum of 40 preset radio stations.

In the tuner mode, press and hold **PROG** for 2 seconds to activate automatic programming.
  ↳ **[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 40 preset radio stations.
- To overwrite a programmed radio station, store another station in its place.

1 Tune to a radio station.

2 Press **PROG** to activate programming.
  ↳ **[PROG]** blinks on the display.

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

4 Repeat steps 1-3 to program more stations.

Select a preset radio station

In tuner mode, press **PRESET +/-** to select a preset number.

6 Other features

Set the alarm timer

This micro system can be used as an alarm clock. You can select the disc or tuner as alarm source.

> **Note**
>
> • Make sure that you have set the clock correctly.

1 Press **POWER** to switch the system to standby mode.
   » The clock is displayed.

2 Press and hold **TIMER** for 2 seconds until a prompt to select the source is displayed.

3 Press **DISC** or **TUN** to select an alarm source.

4 Press **TIMER** to confirm.
   » The hour digits begin to blink.

5 Press ◄◄ / ►► to set the hour.

6 Press **TIMER** to confirm.
   » The minute digits begin to blink.

7 Press ◄◄ / ►► to set the minute.

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

Activate and deactivate alarm timer

Press **TIMER ON/OFF** repeatedly to activate or deactivate the alarm timer.
» If ⏰ is displayed, the alarm timer is activated.

» If ⏰ disappears, the alarm timer is deactivated.

> **Note**
>
> • The alarm timer is not available in AUX mode.
> • If the selected alarm source is unavailable, tuner is activated automatically.

Set the sleep timer

This micro system can switch to standby mode automatically after a set period of time.
When the system is turned on, press **SLEEP** repeatedly to select a preset period (in minutes).
» When the sleep timer is activated, ᶻz^z is displayed.

• To deactivate the sleep timer, press **SLEEP** repeatedly until **[0]** is displayed.
» When the sleep timer is deactivated, ᶻz^z disappears.

Listen through headphone

Plug a headphone into the **HEADPHONE** socket on the micro system.

7 Product information

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

Specifications

Amplifier

Output Power	2 x 2 W RMS
Frequency Response	125 - 16000 Hz
Signal to Noise Ratio	60 dBA

Disc

Laser Type	Semiconductor
Disc Diameter	12cm/8cm
Support Disc	CD-DA, CD-R, CD-RW
Frequency Response	125 -16000 Hz
Signal to Noise Ratio	60 dBA

Tuner

Tuning Range	FM: 87.5 - 108 MHz MW: 531-1602 KHz
Tuning grid	FM: 50 KHz MW: 9 KHz
Sensitivity - 26dB S/N Ratio	FM: 20 uV MW: 5 mV/m
Total Harmonic Distortion	< 5%

Speakers

Speaker Impedance	8 ohm

Dimensions (W x H x D)	134 x 230 x 152 mm

General information

AC power	230 - 240 V, 50 Hz
Operation Power Consumption	15 W
Standby Power Consumption	<1 W
Dimensions - Main Unit (W x H x D)	148 x 233 x 216 mm
Weight - with speakers - without speakers	 3.65 kg 1.53 kg

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.

Clean the heads and the tape paths

*   To ensure good play quality, clean the heads **A**, the capstan(s) **B**, and pressure roller(s) **C** after every 50 hours of tape operation.
*   Use a cotton swab slightly moistened with cleaning fluid or alcohol.
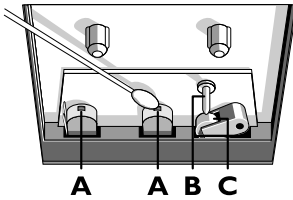
*   You can also clean the heads by playing a cleaning tape once.

Demagnetise the heads

*   Use a demagnetising tape available at your dealer.

8 Troubleshooting

> **⚠ Warning**
>
> • Never remove the casing of this product.

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

If you encounter problems when using this device, check the following points before requesting service. If the problem remains unsolved, go to the Philips Web page (www.philips.com/support). When you contact the Consumer Care, make sure that the product is nearby and the model number and serial number are available.

No power
• Ensure that the AC power cord of the unit 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 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 unit
• Disconnect and reconnect the AC power plug, then turn on the unit again.

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.

Poor radio reception
• Increase the distance between the product and other electrical appliances.
• Fully extend the 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.

9 Notice

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

Compliance

$C\epsilon$

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

This apparatus includes this label:

```
CLASS 1
LASER PRODUCT
```

Care of the environment

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.

Copyright

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.

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