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AZD102



# User manual

# PHILIPS

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# 1 Important

- Read these instructions.
- Follow all instructions.
- 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 apparatus (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 unit.
- Only use attachments/accessories specified by the manufacturer.
- Unplug this unit during lightning storms or when unused for long periods of time.
- Refer all servicing to qualified service personnel. Servicing is required when the unit 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 unit 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.).
  - Remove batteries when the unit is not used for a long time.
  - The unit shall not be exposed to dripping or splashing.
  - Do not place any sources of danger on the unit (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 this apparatus.
- Ensure that you always have easy access to the power cord, plug or adaptor to disconnect this apparatus from the power:

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## 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.

## 2 Your CD Soundmachine

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### Introduction

With this CD Soundmachine, you can enjoy audio from discs, iPod/iPhone, other external devices, or FM radio stations.

The unit offers you Dynamic Bass Boost (DBB) to enrich sound.

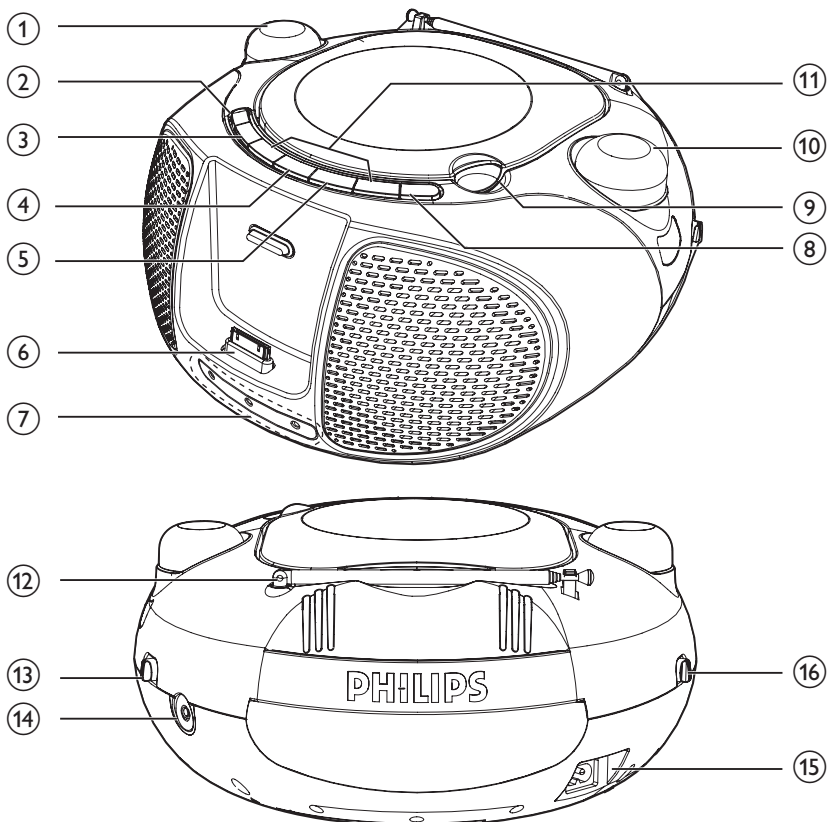
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### What's in the box

Check and identify the contents of the package:

- Main unit
- AC power cord
- Quick start guide

## Overview of the main unit



- ① **- VOLUME +**
  - Adjust volume.
- ② 
  - In CD mode, play tracks randomly.
- ③ 
  - In CD mode, play a track or tracks repeatedly.
- ④ 
  - Start or pause play.
- ⑤ 
  - Stop play.
- ⑥ **DOCK for iPod/iPhone**
- ⑦ **LED indicators**
  - In CD mode, show play status.
- ⑧ 
  - Mute sound.
- ⑨ **LIFT TO OPEN**
  - Open or close the disc compartment.
- ⑩ **- TUNING +**
  - Tune to FM radio stations.
- ⑪ 
  - Skip to the previous or next track.
  - Search within a track.

- ⑫ **FM antenna**
  - Improve FM reception.
- ⑬ **Source selector**
  - Select a source: **DOCK**, **FM**, or **CD**.
  - Turn the unit off.
- ⑭ **MP3 LINK**
  - Connect an external audio device.
- ⑮ **AC~ MAINS**
  - Connect power.
- ⑯ **DBB**
  - **ON/OFF**: turn dynamic bass boost on or off.

# 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. \_\_\_\_\_

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## Install batteries

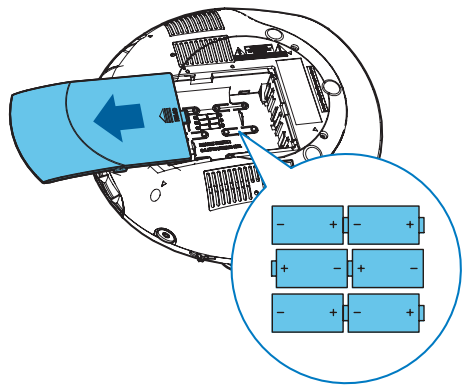
**! Caution**

- Risk of explosion! Keep batteries away from heat, sunshine or fire. Never discard batteries in fire.
- Remove battery if it is exhausted or will not be used for a long time.
- Batteries contain chemical substances, so they should be disposed of properly.

**≡ Note**

- You can use both batteries and AC power as power supply of this device.
- Batteries are not supplied with the accessories.

- 1 Open the battery compartment.
- 2 Insert 6 batteries (type: R14/ UM2/ C Cell) with correct polarity (+/-) as indicated.
- 3 Close the battery compartment.



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## Connect power

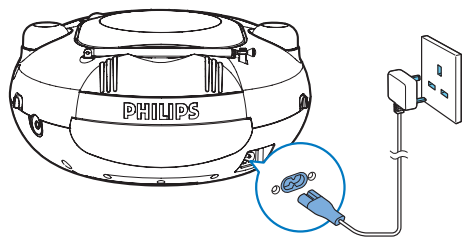
**! Warning**

- Risk of product damage! Make sure 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 disconnect the AC power, always pull the plug from the socket. Never pull the cord.

**≡ Note**

- The type plate is located at the bottom of the unit.

- Connect the AC power cord to:
- the **AC~ MAINS** socket on the unit.
  - the wall socket.





### Note

- To switch the unit off completely, disconnect the power cord from the power supply socket.
- To save energy: after use, turn the unit off.

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## Turn on

Switch the source selector to **DOCK, FM,** or **CD.**

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## Turn off

Switch the source selector to **OFF.**



## 4 Play

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### Play disc

- 1 Switch the source selector to **CD**.
- 2 Lift to open the disc compartment.
- 3 Insert a disc with the printed side facing up, then close the disc compartment.
- 4 Press **▶||** to start play.
  - To pause or resume play, press **▶||**.
  - To stop play, press **■**.
  - To select another track, press **◀◀ / ▶▶**.
  - To search within a track, press and hold **◀◀ / ▶▶**, then release to resume normal play.

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### Play from iPod/iPhone

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

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### Compatible iPod/iPhone

The unit supports the following iPod and iPhone models:

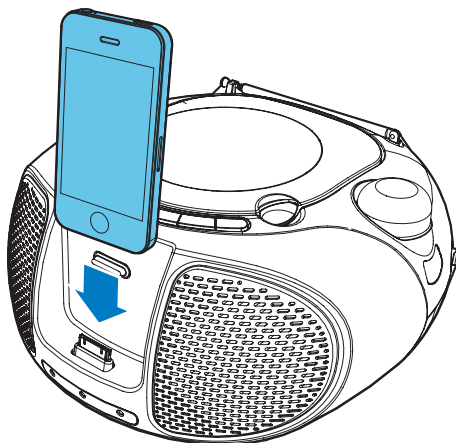
Made for:

- iPod touch (1st, 2nd, 3rd, and 4th generation)
- iPod classic
- iPod with video
- iPod nano (1st, 2nd, 3rd, 4th, 5th, and 6th generation)
- iPod with color display
- iPod mini
- iPhone 4S
- iPhone 4
- iPhone 3GS
- iPhone 3G
- iPhone

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### Listen to the iPod/iPhone

- 1 Switch the source selector to **DOCK**.
- 2 Place the iPod/iPhone into the dock.



- 3 Play audio on your iPod/iPhone.
  - To pause or resume play, press **▶||**.
  - To skip to a track, press **◀◀ / ▶▶**.
  - To search during play, press and hold **◀◀ / ▶▶**, then release to resume normal play.

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### Charge the iPod/iPhone

When the unit is connected to power and **DOCK** source is selected, the docked iPod/iPhone begins to charge.

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### Remove the iPod/iPhone

Pull the iPod/iPhone out of the dock.

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## Listen to FM radio



### Note

- 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.

- 1 Switch the source selector to **FM**.
- 2 Rotate **- TUNING +** to tune to an FM radio station.

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## Play from an external device

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



### Note

- When you connect an external device to **MP3-LINK** socket, the unit switches to MP3 link source automatically.

- 1 Connect the MP3 link cable (not supplied) to:
  - the **MP3-LINK** socket on the unit.
  - the headphone socket on an external device.
- 2 Play the external device (see the device's user manual).



### Note

- The **MP3-LINK** socket is not for headphones.

## 5 Play options

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### Enhance bass

To turn dynamic bass enhancement on or off, Switch **DBB** to **ON** or **OFF**.

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### Pause/resume play

During play, press **▶||** to pause or resume play.

- ↳ In CD mode, the LED indicator **▶||** lights up when play is started, and blinks when play is paused.

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### Select play modes

#### Repeat

In CD mode, press **↻** repeatedly to select a repeat mode.

- ↳ When the corresponding LED indicator blinks, the current track is played repeatedly.
- ↳ When the corresponding LED indicator lights up, all tracks are played repeatedly.

#### Shuffle

In CD mode, press **⌘** to play all tracks randomly.

- ↳ The corresponding LED indicator lights up.

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### Adjust volume

During play, rotate **-VOLUME +** to adjust volume.

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### Mute sound

During play, press **⊘** repeatedly to mute or resume sound.

- ↳ In CD mode, if the sound is muted, both LED indicators **↻** and **⌘** will be lighted up.

# 6 Product information

## Note

- Product information is subject to change without prior notice.

## Specifications

### Amplifier

Rated Output Power	2 × 5 W RMS
Frequency Response	20 -20000 Hz, -3dB
Signal to Noise Ratio	>67 dB
Total Harmonic Distortion	<1%
MP3 Link Input	0.5 V RMS 20 kohm

### Disc

Laser Type	Semiconductor
Disc Diameter	12cm/8cm
Support Disc	CD-DA, CD-R, CD-RW
Audio DAC	24Bits / 44.1kHz
Total Harmonic Distortion	<1%
Frequency Response	60Hz -16kHz
S/N Ratio	>62dBA

### Tuner

Tuning Range	FM: 87.5 - 108MHz
Total Harmonic Distortion	<3%
Signal to Noise Ratio	>50 dB

### General

Power supply	AC: 220 - 240V, 50/60 Hz DC: 9V, 1.5 × 6 R14/UM2
Operation Power Consumption	15 W
Standby Power Consumption	< 1 W
Dimensions - Main Unit (W × H × D)	262 × 123 × 266 mm
Weight - With Packing - Main Unit	1.8 kg 1.14 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.

# 7 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](http://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.
- Insert the batteries with their polarities (+/- signs) aligned as indicated.
- Replace the battery.

### No sound

- Adjust the volume.

### No response from the unit

- Take out the batteries and turn on the unit again.
- 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 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 unit and your TV or VCR.
- Fully extend the FM antenna.

# 8 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.



"Made for iPod" and "Made for iPhone" mean that an electronic accessory has been designed to connect specifically to iPod or iPhone respectively, and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards. Please note that the use of this accessory with iPod or iPhone may affect wireless performance. iPod and iPhone are trademarks of Apple Inc., registered in the U.S. and other countries.



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.

Recording and playback of material might require consent. See Copyright Act 1956 and The Performer's Protection Acts 1958 to 1972.

## Environmental information

All unnecessary packaging has been omitted. We have tried to make the packaging easy to separate into three materials: cardboard (box), paper pulp (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.

**This apparatus includes these labels:**



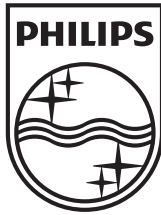
Class II equipment symbol



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







Specifications are subject to change without notice  
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