Always there to help you
Register your product and get support at www.philips.com/welcome

User manual
PHILIPS
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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).
2 Your micro 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 discs, Bluetooth-enabled devices, USB storage devices, or other external devices;
• listen to FM radio stations.

You can enrich sound output with below sound effect:
• Digital Sound Control (DSC)
  • DSC 1: Balanced
  • DSC 2: Clear
  • DSC 3: Powerful
  • DSC 4: Warm
  • DSC 5: Bright

The unit supports these media formats:

What's in the box

Check and identify the contents of your package:
• Main unit
• 2 x speakers
• Remote control (with one AAA battery)
Overview of the main unit

1 Bluetooth indicator
   - Show Bluetooth status.

2
   - Turn the unit on or off.
   - Switch to standby mode or Eco standby mode.

3 SOURCE
   - Select a source: CD, USB, FM, BT, AUDIO IN.

4 Display panel
   - Show current status.
Overview of the remote control

1. Turn the unit on or off.
   • switch to standby mode or Eco power standby mode.

2. CD
   • Select CD source.

3. FM/ ✸
   • Select FM or Bluetooth source.

4. PRESET/ALBUM ▲ / ▼
   • Select a preset radio station.
   • Skip to previous/next album.

5. ◀/▶
   • Skip to the previous/next track.
   • Search within a track/disc/USB.
   • Tune to a radio station.
   • Adjust time.

6. AUDIO IN
   • Audio input jack (3.5mm) for an external audio device.

7. Disc compartment
   • Open/close the disc compartment.

8. ▲
   • Stop play or erase a program.

9. ◄
   • Start, pause, or resume play.

10. ◀/▶
    • Skip to the previous/next track.
    • Search within a track/disc/USB.
    • Tune to a radio station.
    • Adjust time.

11. VOLUME +/-
    • Adjust volume.

12. ◄►
    • Turn the unit on or off.
    • switch to standby mode or Eco power standby mode.

13. FM

14. VOL

15. SLEEP

16. USB

17. PROG

18. DISPLAY

19. SOUND

20. CLOCK

21. TIMER

22. CD AUDIO IN

23. PRESET/ALBUM

24. MUTE

25. REPEAT

26. SHUFFLE
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 back of the apparatus. Write the numbers here:

Model No. __________________________
Serial No. ___________________________

Connect speakers

Note

- 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.

Connect speakers

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Connect speakers
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 cord, always pull the plug from the socket. Never pull the cord.
• Before you connect the AC power cord, ensure that you have completed all other connections.

Demonstrate the features

In standby mode, press and hold ■ for three seconds to demonstrate features of this device.

« The features are displayed one by one across the display panel.
• To turn off the demonstration, press ■ again.

Prepare the remote control

Caution

• Risk of explosion! Keep batteries away from heat, sunshine or fire. Never discard batteries in fire.
• Risk of decreased battery life! Never mix different brands or types of batteries.
• Risk of product damage! When the remote control is not used for long periods, remove the batteries.

To insert the remote control battery:
1 Open the battery compartment.
2 Insert the supplied AAA battery with correct polarity (±) as indicated.
3 Close the battery compartment.

Set clock

1 In standby mode, press and hold CLOCK on the remote control for more than two seconds.

« [24H] or [12H] hour format is displayed.

2 Press ▼/▶ to select [24H] or [12H] hour format.

3 Press CLOCK to confirm.

« The hour digits are displayed and begin to blink.

4 Repeat steps 2-3 to set hour and minute.

Note

• If no button is pressed in 90 seconds, the system exits clock setting mode automatically.

Tip

• You can view clock information in power-on mode by pressing CLOCK.

Turn on

Press ø.

« The unit switches to the last selected source.
**Switch to standby mode**
Press \( \odot \) again to switch the unit to standby mode.

移到 standby mode.

The clock (if set) is displayed on the panel.

**Switch to ECO standby mode:**
Press and hold \( \odot \) for more than two seconds.

移到 The display panel is dimmed.

【Note】

- The unit switches to Eco Power Standby mode after 15 minutes in standby mode.

**Switch between standby mode and ECO standby mode:**
Press and hold \( \odot \) for more than two seconds.

移到

4 **Play**

**Play from disc**

1. Press CD to select the CD source.
2. Press \( \downarrow \) to open the disc compartment.
3. Insert a disc with printed side facing upward.
4. Press \( \downarrow \) to close the disc compartment.

移到 Play starts automatically. If not, press \( \mathbb{H} \)."
Control play

- **△/▽** Select a folder.
- **◀/▶** Select an audio file.
- **▶/◻** Pause or resume play.
- **■** Stop play.
- **REPEAT** Play a track or all tracks repeatedly.
- **SHUFFLE** Play tracks randomly.
- **VOL +/-** Increase or decrease the volume.
- **MUTE** Mute or restore sound.
- **SOUND** Enrich sound effect with DSC: balanced, clear, powerful, warm, and bright.
- **DISPLAY** Adjust display brightness.

Skip to a track

For CD:
Press **◀/▶** to select another track.

For MP3 disc and USB:
1. Press **△/▽** to select an album or a folder.
2. Press **◀/▶** to select a track or a file.

Program tracks

You can program a maximum of 20 tracks.
1. Press **PROG** to activate the program mode.

2. For MP3 tracks, press **△/▽** to select an album.
3. Press **◀/▶** to select a track, and then press **PROG** to confirm.
4. Repeat steps 2-3 to program more tracks.
5. Press **▶/◻** to play the programmed tracks.
   - During play, **[PROG]** (program) is displayed.
   - To erase the program, in the stop position, press **■**.

Play from Bluetooth-enabled devices

**Note**
- The effective operation range between the unit and your Bluetooth enabled device is approximately 10 meters (30 feet).
- Any obstacle between the system and the device can reduce the operational range.
- Compatibility with all Bluetooth devices is not guaranteed.
1 Press FM/ $ repeatedly to select the Bluetooth source.
   ➔ [BT] (Bluetooth) is displayed.
   ➔ The Bluetooth indicator flashes blue.

2 On your device that supports Advanced Audio Distribution Profile (A2DP), enable Bluetooth and search for Bluetooth devices that can be paired (refer to the user manual of the device).

3 Select ‘PHILIPS BTM1180’ on your Bluetooth enabled device and if necessary input ‘0000’ as the paring password.
   ➔ After successful pairing and connection, the Bluetooth indicator turns solid blue, and the unit beeps.

4 Play audio on the connected device.
   ➔ Audio streams from your Bluetooth enabled device to this unit.

5 Listen to the radio

Tune to a radio station

*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.

1 Press FM/ $ repeatedly to select the FM source.

2 Press and hold | / | / for more than two seconds.
   ➔ 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 (FM).

In tuner mode, press and hold PROG for more than two seconds to activate automatic programming.
   ➔ All available stations are programmed in the order of waveband reception strength.
   ➔ The first programmed radio station is broadcast automatically.
Program radio stations manually

1. Tune to a radio station.
2. Press PROG, and then press ▲ / ▼ to select a number from 1-20.
3. Press PROG to confirm.
   ➔ The preset number and the frequency of the preset station are displayed.
4. Repeat steps 2-3 to program more stations.

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

Select a preset radio station

In tuner mode, press ▲ / ▼ to select a preset number.

6 Other features

Set the alarm timer

This unit can be used as an alarm clock. You can select CD, FM, or USB as alarm source.

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

1. In standby mode, press and hold SLEEP/TIMER for more than two seconds.
   ➔ The hour digits are displayed and begin to blink.
2. Press ▼ to set hour.
3. Press SLEEP/TIMER to confirm.
   ➔ The minute digits are displayed and begin to blink.
4. Repeat steps 2-3 to set minute, select a source (CD, FM, or USB), and adjust volume.

Note
• If no button is pressed in 90 seconds, the system exits timer setting mode automatically.

To activate or deactivate the alarm timer:
Press SLEEP/TIMER repeatedly to activate or deactivate the alarm.
➔ If timer is activated, ⏰ is displayed.

Tip
• If CD/USB source is selected, but no disc is placed or no USB connected, the system switches to the tuner source automatically.
Set the sleep timer

To set the sleep timer, in turn on mode, press SLEEP/TIMER repeatedly to select a set period of time (in minutes).

→ When sleep timer is activated, SLEEP is displayed. Otherwise, SLEEP disappears.

Listen to an external device

You can listen to an external device through this unit with an MP3 link cable.

1. Press USB/AUDIO IN repeatedly to select AUDIO IN source.

2. Connect an MP3 link cable (not supplied) between:
   • AUDIO IN jack (3.5 mm) on the unit,
   • and the headphone jack on an external device.

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

7 Product information

Note

- Product information is subject to change without prior notice.

Specifications

Amplifier

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum Output Power</td>
<td>20 W</td>
</tr>
<tr>
<td>Frequency Response</td>
<td>60 Hz - 16 kHz; ±3 dB</td>
</tr>
<tr>
<td>Signal to Noise Ratio</td>
<td>≥70 dBA</td>
</tr>
<tr>
<td>Total Harmonic Distortion</td>
<td>&lt;1%</td>
</tr>
<tr>
<td>Aux Input</td>
<td>600 mV RMS</td>
</tr>
</tbody>
</table>

Speakers

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Speaker Impedance</td>
<td>6 ohm</td>
</tr>
<tr>
<td>Speaker Driver</td>
<td>3.5&quot; woofer</td>
</tr>
<tr>
<td>Speaker Sensitivity</td>
<td>&gt;84 dB/m/W</td>
</tr>
</tbody>
</table>

Bluetooth

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bluetooth Version</td>
<td>V2.1 + EDR</td>
</tr>
<tr>
<td>Bluetooth Frequency Band</td>
<td>2.4GHz ~ 2.48GHz ISM Band</td>
</tr>
<tr>
<td>Bluetooth Range</td>
<td>10m (free space)</td>
</tr>
</tbody>
</table>

Tuner (FM)

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuner Tuning Range</td>
<td>87.5-108 MHz</td>
</tr>
<tr>
<td>Tuner Tuning grid</td>
<td>50 KHz</td>
</tr>
</tbody>
</table>
### Tuner Sensitivity
- Mono, 26dB S/N Ratio: <22 dBf
- Stereo, 46dB S/N Ratio: <45 dBf

### Search Selectivity
<30 dBf

### Total Harmonic Distortion
<3%

### Signal to Noise Ratio
>45 dBA

### USB
- USB Direct Version: 2.0 full speed
- USB 5 V Power: ≤500 mA

### Disc
- Laser Type: Semiconductor
- Disc Diameter: 12 cm/8 cm
- Audio DAC: 24 Bits/44.1 kHz
- Total Harmonic Distortion: <1% (1 kHz)
- Frequency Response: 60 Hz - 16 kHz; ±3 dB
- S/N Ratio: >70 dBA

### General information
- AC power: 100-240 V~, 50/60 Hz
- Operation Power Consumption: 15 W
- Eco Standby Power Consumption: <0.5 W

### Dimensions
- Main Unit: 180 x 121 x 239 mm (W x H x D)
- Speaker Box: 120 x 170 x 160 mm (W x H x D)

### Weight
- Main Unit: 1.5 kg
- Speaker Box: 2 x 1.2 kg

### USB playability information
**Compatible USB devices:**
- USB flash memory (USB2.0 or USB1.1)
- USB flash players (USB2.0 or USB1.1)
- memory cards (requires an additional card reader to work with this unit)

**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
- File name in Unicode UTF8 (maximum length: 32 bytes)

**Unsupported formats:**
- Empty albums: an empty album is an album that does not contain MP3/WMA files, and will 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.
- WMA, 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: 128 (depending on file name length)
- Maximum album number: 99
- Supported sampling frequencies: 32 kHz, 44.1 kHz, 48 kHz
- Supported Bit-rates: 32~256 (kbps), variable bit rates
8 Troubleshooting

**Warning**

- Never remove the casing of this device.

To keep the warranty valid, never try to repair the system 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 Philips, make sure that the device is nearby and the model number and serial number are available.

**No power**

- Make sure that the AC power cord of the device is connected properly.
- Make sure 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.
- Check that the speakers are connected correctly.
- Check if the stripped speaker wires are clamped.

**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.
- Make sure that the disc is inserted with printed side facing upward.
- 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.

**Music playback is unavailable on this unit even after successful Bluetooth connection.**

- The device cannot be used to play music through this unit wirelessly.

**The audio quality is poor after connection with a Bluetooth-enabled device.**

- The Bluetooth reception is poor. Move the device closer to this unit or remove any obstacle between them.

**Bluetooth cannot be connected with this unit.**

- The device does not support the profiles required for this unit.
- The Bluetooth function of the device is not enabled. Refer to the user manual of the device to find out how to enable the function.
- This unit is not in pairing mode.
- This unit is already connected with another Bluetooth-enabled device. Disconnect that device and then try again.
The paired mobile device connects and disconnects constantly.

- The Bluetooth reception is poor. Move the device closer to this unit or remove any obstacle between them.
- Some mobile phones may connect and disconnect constantly when you make or end calls. This does not indicate any malfunction of this unit.
- For some devices, the Bluetooth connection may be deactivated automatically as a power-saving feature. This does not indicate any malfunction of this unit.

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

This product complies with the requirement of the 1999/5/EC directive.
A copy of the EC declaration of Conformity is available in the Portable Document Format (PDF) version of the user manual at www.philips.com/support.
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 of 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](image)

This item incorporates copy protection technology that is protected by U.S. patents and other intellectual property rights of Rovi Corporation. Reverse engineering and disassembly are prohibited. The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by Philips is under license.

**This apparatus includes this label:**

![CLASS 1 LASER PRODUCT](image)

**Note**

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