Portable CD Player

English

Meet Philips at the Internet
http://www.philips.com

CLASS 1
LASER PRODUCT

Printed in China
**English**

**POWER SUPPLY / GENERAL INFORMATION**

Average playing time of batteries under normal conditions

<table>
<thead>
<tr>
<th>Battery type</th>
<th>ESP on</th>
<th>Power Save</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alkaline AA</td>
<td>15 hours</td>
<td>20 hours</td>
</tr>
<tr>
<td>Alkaline AAA</td>
<td>7 hours</td>
<td>9 hours</td>
</tr>
<tr>
<td>Rechargeable ECO-PLUS NiMH battery</td>
<td>3 hours</td>
<td>5 hours</td>
</tr>
</tbody>
</table>

**Batteries contain chemical substances, so they should be disposed of properly.**

**ECO-PLUS NiMH battery information (for versions supplied with the rechargeable ECO-PLUS NiMH battery AY 3363)**

Recharging works only on players supplied with the rechargeable ECO-PLUS NiMH battery AY 3363.

**Recharging the ECO-PLUS NiMH battery on board**

1. Insert the rechargeable ECO-PLUS NiMH battery AY 3363.
2. Connect the mains adapter to the 4.5V DC socket of the player and then to the wall socket.
3. When the battery is fully charged, FULL appears in the display.

Notes:
- It is normal for the batteries to become warm during recharging.
- If the batteries become too warm, recharging will be interrupted for approximately 30 minutes.
- To ensure proper recharging on board, take care that contacts are clean.
- Use only the ECO-PLUS NiMH battery AY 3363.

**Handling instructions**

- Recharging already charged or half-charged batteries will shorten their lifetime. We therefore recommend that you let the rechargeable ECO-PLUS NiMH battery run till it is completely empty before you recharge it.
- To avoid a short circuit, do not let the battery touch any metal object.
- If the battery becomes empty soon after recharging, then either its contacts are dirty or it has reached the end of its lifetime.

**Mains adapter (supplied or optionally available)**

Use only the AV 3170 adapter (4.5V / 300mA direct current, positive pole to the center pin). Any other product may damage the player.

1. Make sure the local voltage corresponds to the power adapter’s voltage.
2. Connect the power adapter to the 4.5V DC socket of the player and to the wall socket.

**Note:** Always disconnect the adapter when you are not using it.

**Environmental information**

- All redundant packing material has been omitted. We have done our utmost to make the packaging easily separable into two mono materials: cardboard (box) and polyethylene (bags, protective foam sheet).
- Your set consists of materials which can be recycled if disassembled by a specialized company. Please observe the local regulations regarding the disposal of packing materials, exhausted batteries and old equipment.

---

**Controls / Power Supply**

<table>
<thead>
<tr>
<th>Controls</th>
<th>Power Supply / General Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Controls</td>
<td>See figure 1.</td>
</tr>
<tr>
<td>1</td>
<td>LINE OUT / 3.5 mm headphone socket, socket to connect the player to another audio input of an additional appliance.</td>
</tr>
<tr>
<td>2</td>
<td>SKIPS / CD tracks backwards.</td>
</tr>
<tr>
<td>3</td>
<td>STOP / CD play, clears a program or switches the player off.</td>
</tr>
<tr>
<td>4</td>
<td>SKIPS / CD tracks forwards.</td>
</tr>
<tr>
<td>5</td>
<td>PLAY / switches the player on, starts or pauses CD play.</td>
</tr>
<tr>
<td>6</td>
<td>PROG / programs tracks and reviews the program.</td>
</tr>
<tr>
<td>7</td>
<td>MODE / selects the different playing possibilities: shuffle, shuffle repeat all, repeat, repeat all and SCAN.</td>
</tr>
<tr>
<td>8</td>
<td>ESP ON / OFF / switches RESUME and HOLD off.</td>
</tr>
<tr>
<td>9</td>
<td>DBB / switches the bass enhancement on and off. This button also switches acoustic feedback (the beep) on/off when it is pressed for more than 2 seconds.</td>
</tr>
<tr>
<td>10</td>
<td>VOL / adjusts the volume.</td>
</tr>
<tr>
<td>11</td>
<td>4.5V DC / socket for external power supply.</td>
</tr>
<tr>
<td>12</td>
<td>OPEN / opens the CD lid.</td>
</tr>
<tr>
<td>13</td>
<td>ESP ON / POWER SAVE / to select between the battery powersave mode and ESP. ESP ensures continuous CD playback regardless of vibrations and shocks.</td>
</tr>
<tr>
<td>14</td>
<td>OFF / RESUME / HOLD / stores the last position of a CD track played.</td>
</tr>
<tr>
<td>15</td>
<td>HOLD / locks all buttons.</td>
</tr>
<tr>
<td>16</td>
<td>TYPEPLATE / battery compartment.</td>
</tr>
<tr>
<td>17</td>
<td>AAAATTACH / AAA battery door.</td>
</tr>
</tbody>
</table>

**Batteries (supplied or optionally available)**

For convenience, this model is designed with 2 different detachable battery doors. This allows you to operate the player using 2 choices of battery size.

- alkaline batteries type A (LR03, UM4) or AA (LR6, UM3) preferably Philips.
- Remove batteries if they are empty or if the player is not going to be used for a long time.

**Notes:**
- Old and new or different types of batteries should not be combined.
- Remove batteries if they are empty or if the player is not going to be used for a long time.

**Inserting AAs (LR03, UM4) or AY 3363 batteries**

1. Open the AAs battery door.
2. Insert AAs batteries as shown on the back of the door.
3. Replace the battery-loaded AAA door back onto the set.

**Inserting AAs (LR6, UM3) batteries**

To double playback time, insert AA batteries into the battery compartment and use the AA marked battery door.

- Open the battery compartment and insert either 2 normal or alkaline batteries.

**Battery indication**

The approximate power level of your batteries is shown in the display.

- Battery full
- Battery two-thirds full
- Battery one-third full
- Battery dead or empty: When the batteries are dead or empty, the symbol is displayed, and the beep tone sounds repeatedly.

**This set complies with the radio interference requirements of the European Union.**
GENERAL INFORMATION

CD player and CD handling

- Do not touch the lens (A) of the CD player.
- Do not expose the unit, batteries or CDs to humidity, rain, sand or excessive heat (caused by heating equipment or direct sunlight).
- You can clean the CD player with a soft, slightly dampened, lint-free cloth. Do not use any cleaning agents as they may have a corrosive effect.
- To clean the CD, wipe it in a straight line from the center toward the edge using a soft, lint-free cloth. A cleaning agent may damage the disc! Never write on a CD or attach a sticker to it.
- The lens may cloud over when the unit is moved suddenly from cold to warm surroundings. Playing a CD is not possible then. Leave the CD player in a warm environment until the moisture has evaporated.
- Active mobile phones in the vicinity of the CD player may cause malfunctions.
- To clean the CD, wipe it in a straight line from the center toward the edge using a soft, lint-free cloth.
- You can clean the CD player with a soft, slightly dampened, lint-free cloth. A cleaning agent may damage the disc! Never write on a CD or attach a sticker to it.
- Avoid dropping the unit as this may cause damage.

Headphones HE225/HE270

- Connect the supplied headphones to the LINE OUT/ socket of the player.
- Note: LINE OUT/ can also be used for connecting this set to your hi-fi system. To adjust the sound and volume, use the controls on the connected audio equipment and on the CD player.

IMPORTANT!
Hearing safety: Do not play your headphones at a high volume. Hearing experts advise that continuous use at high volume can permanently damage your hearing.
Traffic safety: Do not use headphones while driving a vehicle. It may create a hazard and it is illegal in many countries. Even if your headphones are an open-air type designed to let you hear outside sounds, do not turn up the volume so high that you cannot hear what is going on around you.

In-car use (connections supplied or optionally available)

Only use the AV 3545 or AV 3548 car voltage converter (4.5 V DC, positive pole to the centre pin) and the AY 3501 car cassette adapter. Any other product may damage the set.

1 Put the set on a horizontal, vibration-free and stable surface. Make sure it is in a safe place, where the set is neither a danger nor an obstacle to the driver and the passengers.
2 Plug the voltage converter into the cigarette lighter socket (only for 12 V car battery; negative grounding). Then connect the wired end with 4.5 V DC input socket on the set.
3 If necessary, clean the cigarette lighter socket to obtain a good electrical contact.
4 Turn down the volume and connect the cassette adapter plug to LINE OUT/ on the set.
5 Carefully insert the cassette adapter into the car radio's cassette compartment.
6 Make sure the cord does not hinder your driving.
7 Decrease the volume on the set if necessary. Start playback on the set and adjust the sound with the car radio controls.
8 Always remove the voltage converter from the cigarette lighter socket when the set is not in use.

Volume and bass

Volume adjustment
- Adjust the volume by using VOL / on the CD player or the slider on the headphone cord.

Bass adjustment
- Press DBB to switch the bass enhancement on or off. is shown if the bass enhancement is activated.

Playing a CD

This CD-player can play all kinds of Audio Discs such as CD-Recordables and CD-Rewritables. Do not try to play a CD-ROM, CD-i, VCD, DVD, MP3-CD or computer CD.

1 Push the OPEN slider to open the player.
2 Insert an audio CD, printed side up, by pressing the CD onto the hub.
3 Close the player by pressing the lid down.
4 Press to switch the player on and start playback.
5 Press to stop playback.
6 Press again to switch the player off.
7 To remove the CD, hold it by its edge and press the hub gently while lifting the CD.

Note: If there is no activity, the set will automatically switch off after a while to save energy.

Playback information

- If a CD-Recordable (CD-R) or a CD-Rewritable (CD-RW) is not recorded properly, NF dISC is displayed, indicating that the CD has not been finalized. In that case, use FINALIZE on your CD recorder to complete the recording.
- When playing a CD-Rewritable (CD-RW), please note that it takes 3-15 seconds after pressing to start sound reproduction.
- Playback will stop if you open the CD lid.
- While the CD is read, flashes in the display.

Audio Discs

Such discs can be played on this CD player. To play a CD-ROM, CD-i, VCD, DVD, MP3-CD or computer CD, use the LINE IN socket.

CD PLAY

Playing a CD

This CD-player can play all kinds of Audio Discs such as CD-Recordables and CD-Rewritables. Do not try to play a CD-ROM, CD-i, VCD, DVD, MP3-CD or computer CD.

1 Push the OPEN slider to open the player.
2 Insert an audio CD, printed side up, by pressing the CD onto the hub.
3 Close the player by pressing the lid down.
4 Press to switch the player on and start playback.
5 Press to pause playback.
6 Press again to switch the player off.
7 To remove the CD, hold it by its edge and press the hub gently while lifting the CD.

Note: If there is no activity, the set will automatically switch off after a while to save energy.

Playback information

- If a CD-Recordable (CD-R) or a CD-Rewritable (CD-RW) is not recorded properly, NF dISC is displayed, indicating that the CD has not been finalized. In that case, use FINALIZE on your CD recorder to complete the recording.
- When playing a CD-Rewritable (CD-RW), please note that it takes 3-15 seconds after pressing to start sound reproduction.
- Playback will stop if you open the CD lid.
- While the CD is read, flashes in the display.

Volume and bass

Volume adjustment
- Adjust the volume by using VOL / on the CD player or the slider on the headphone cord.

Bass adjustment
- Press DBB to switch the bass enhancement on or off. is shown if the bass enhancement is activated.

Audio Discs

Such discs can be played on this CD player. To play a CD-ROM, CD-i, VCD, DVD, MP3-CD or computer CD, use the LINE IN socket.
Selecting a track and searching

Selecting a track during playback
• Briefly press or once or several times to skip to the current, previous or next track.
  ➤ Playback continues with the selected track, and the track’s number is displayed.

Selecting a track when playback is stopped
1 Briefly press or once or several times to select the desired track. The track number is displayed.

2 Press to start CD play.
  ➤ Playback starts with the selected track.

Searching for a passage during playback
1 Keep or pressed to find a particular passage in a backward or forward direction.
  ➤ Searching starts while playback continues at low volume. After 2 seconds the search speeds up.

2 Release the button when you reach the desired passage.
  ➤ Playback continues from this position.

Notes: – If the player is in SCAN mode (see MODE chapter), searching is not possible.

Programming track numbers
You can store up to 30 tracks to play in a program. A single track may be stored more than once in the program.

1 While playback is stopped, select a track with .

2 Press to store the track.
  ➤ All tracks of the CD are played in order to activate one of the following ‘modes’. The active mode is shown in the display.
  ➤ shuffle : All tracks of the CD are played in random order until all of them have been played once.
  ➤ shuffle repeat all : All tracks of the CD are played repeatedly in random order.
  ➤ repeat : The current track is played repeatedly.
  ➤ repeat all : The entire CD is played repeatedly.
  ➤ SCAN? : The first 10 seconds of each of the remaining tracks are played in sequence.

2 Playback starts in the chosen mode after 2 seconds.
• To deactivate RESUME, switch the slider to OFF.

RESUME and HOLD
You can interrupt playback and continue (even after an extended period of time) from the position where playback stopped (RESUME) and you can lock all buttons of the set so that no action will be executed (HOLD).

Use the OFF–RESUME–HOLD slider for these functions.

RESUME – continuing from where you have stopped
1 Switch the slider to RESUME during playback to activate RESUME.
  ➤ resume is shown.

2 Press whenever you want to stop playback.

3 Press whenever you want to resume playback.
  ➤ resume is shown and playback continues from where you have stopped.

• To deactivate RESUME, switch the slider to OFF.
  ➤ resume goes off.

HOLD – locking all buttons
You can lock the buttons of the set by switching the slider to HOLD. Now, when a key is pressed, no action will be executed. This is of use, for example, when transporting the player in a bag. With HOLD activated, you can avoid accidental activation of other functions.

1 Switch the slider to HOLD to activate HOLD.
  ➤ All buttons are locked. is shown when you press any button. If the set is switched off, is shown only when is pressed.

2 To deactivate HOLD, switch the slider to OFF.
Note: If you deactivate HOLD by switching the slider to RESUME, you will be activating the RESUME function.

Clearing the program
• While playback is stopped, press to clear program.
  ➤ is displayed once, program goes off, and the program is cleared.

Note: The program will also be cleared if the power supply is interrupted, or if the CD-player lid is opened, or if the set switches off automatically.

ESP / Power Save Mode
With a conventional portable CD-player you might have experienced that the music stopped e.g. when you were jogging. The ELECTRONIC SKIP PROTECTION prevents loss of sound caused by light vibrations and shocks. Continuous playback is ensured. However ESP does not prevent playback interruptions during vigorous running. It also does not protect the unit against any damage caused by dropping!

• Switch the slider to ESP ON during playback to activate the shock protection.
  ➤ ESP is shown and the protection is activated.

• To deactivate the shock protection and enter the power save mode, switch the slider to POWER SAVE.
  ➤ ESP goes off.
Troubleshooting

No sound or bad sound quality.
• PAUSE might be active. Press \#.
• Loose, wrong or dirty connections. Check and clean connections.
• Volume might not be appropriately adjusted. Adjust the volume on the CD player or slider on your remote control.
• Strong magnetic fields. Check player's position and connections. Also keep away from active mobile phones.
• For in-car use, check that the car cassette player’s playback direction is correct (press autoreverse to change), and that the cigarette lighter jack is clean. Allow time for temperature change.

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