Portable CD Player

Quick Start

1. Power On
2. Play
3. Stop
4. Hold - Off
5. Play
6. Volume

Class 1 Laser Product

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

Printed in China
**Controls** (see figure 1)

1. **LINE OUT**/3.5 mm headphone socket, socket to connect the player to another audio input of an additional appliance.
2. **1**/skips and searches CD tracks backwards
3. **II**/sings CD play, clears a program or switches the player off
4. **4**/skips and searches CD tracks forwards
5. **5**/switches the player on, starts or pauses CD play
6. **PROG**/programs tracks and reviews the program
7. **MODE**/selects the different playing possibilities: shuffle, shuffle repeat all, repeat, repeat all and SC/RT
8. **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

9. **VOL**/adjusts the volume
10. **ESP ON / POWER SAVE**/to select between the battery power save mode and electronic skip protection (ESP), ESP ensures continuous CD playback regardless of vibrations and shocks
11. **OFF**/switches RESUME and HOLD off
12. **REVIEW**/stores the last position of a CD track played
13. **OPEN**/opens the CD lid
14. **hold**/locks all buttons
15. **typeplate**
16. **battery compartment**
17. **AAA battery door**

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

**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. You can use the following batteries with this CD-player:

- alkaline batteries type AAA (LR03, UM4) or AA (LR6, UM3)
- Rechargeable ECO-PLUS NiMH battery

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 AAA (LR03, UM4) or AA (LR6, UM3) batteries**

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

**Inserting AA (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.

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

**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>7 hours</td>
<td>9 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 recharged, 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 (4.5 V / 300 mA 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.
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 lens, 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. A cleaning agent may damage the disc! Never write on a CD or attach a sticker to it.
- 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.
- Avoid dropping the unit as this may cause damage.

Headphones HE225/HE270
- Connect the supplied headphones to the LINE OUT/ headphone jack of the player.
- Note: LINE OUT/ headphone jack is also used for connecting the set to your HiFi 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 a high volume can permanently damage your hearing.
Traffic safety: Do not use headphones while driving a vehicle. It may create a hazard and is illegal in many countries. Even if your headphones are an open-air type and it is 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 AY 3545 or AY 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/ headphone jack 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.
- Always remove the voltage converter from the cigarette lighter socket when the set is not in use.

Note: If your car radio has a LINE IN socket, it is better to use it for the car radio connection instead of the adapter cassette. Connect the signal lead to this LINE IN socket and to LINE OUT/ headphone jack on the set.

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, CDI, 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 VOL to switch the bass enhancement on or off. The current track number and elapsed playing time are displayed.
5. Press ■ to stop playback. The total number of tracks and the total playing time of the CD are displayed.
6. Press ■ again to switch the player off.
- 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 VOL for sound reproduction to start.
- 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. DBB is shown if the bass enhancement is activated.

CD PLAY

Audio Discs
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- To clean the lens, 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.
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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.
- Always remove the voltage converter from the cigarette lighter socket when the set is not in use.

Note: If your car radio has a LINE IN socket, it is better to use it for the car radio connection instead of the adapter cassette. Connect the signal lead to this LINE IN socket and to LINE OUT/ headphone jack on the set.
You can review the program by pressing PROG for

Press 4

Select and store all desired tracks in this way.

Press PROG to store the track.

While playback is stopped, press

Clearing the program

While playback is stopped, select a track with

Notes: – If you press PROG and there is no track selected or no tracks pro-

While playback is stopped, select a track with

You can store up to 30 tracks to play in a program.

A single track may be stored more than once in the

Selecting a track during playback

Briefly press ← or → once or several times to skip to

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.

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

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 PROG to store the track.

Program lights up; the track number

programmed and $ with the total number of

stored tracks are displayed.

3 Select and store all desired tracks in this way.

4 Press ◄ to start playback of your selected tracks.

program is shown and playback starts.

You can review the program by pressing PROG for

more than 2 seconds. The display shows all the stored

tracks in sequence.

Display $ if no tracks programmed.

Notes: – If you press PROG and there is no track selected or no tracks pro-

grammed, SEL or FULL $ is displayed.

– If you try to store more than 30 tracks, FULL $ is displayed.

Clearing the program

While playback is stopped, press ◄ to clear program.

Display $ 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.

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.

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.

Selecting different playing possibilities – MODE

It is possible to play tracks in random order, to repeat a single track or the entire

CD, and to play the first few seconds of each track.

1 Press MODE during playback as often as required 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 return to normal playback, press MODE repeatedly until the display shows

no active modes.

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 SHOCK 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 ON 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.

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 buttons¹ 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 and HOLD is shown when

you press any button. If the set is switched off, HOLD will be 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.
Troubleshooting

No sound or bad sound quality.
• PAUSE might be active. Press 2.
• 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 cassette adapter is inserted correctly, 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.

WARNING: Under no circumstances should you try to repair the set yourself as this will invalidate the warranty. If a fault occurs, first check the points listed, before taking the unit for repair. If you are unable to solve a problem by following these hints, consult your dealer or service center.

The CD player has no power, or playback does not start
• Check that your batteries are not dead or empty, that they are inserted correctly, that the contact pins are clean.
• Your adapter connection may be loose. Connect it securely.
• For in-car use, check that the car ignition is on. Also check player’s batteries.

The indication NO d iSc is displayed
• Check that the CD is clean and correctly inserted (label-side upward).
• If your lens has steamed up, wait a few minutes for this to clear.

The indication NOF d iSc is displayed
• CD-RW (CD-R) was not recorded properly. Use FINALIZE on your CD-recorder.

The indication HOLD is on and/or there is no reaction to controls
• If HOLD is activated, then deactivate it.
• Electrostatic discharge. Disconnect power or remove batteries for a few seconds.

The CD skips tracks
• The CD is damaged or dirty. Replace or clean the CD.
• resume, shuffle or program is active. Switch off whichever is on.

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