Portable MP3-CD Player

EXP2300
EXP2301

User manual
Manuel d'utilisation
Manual del usuario
Gebruikershandleiding

PHILIPS
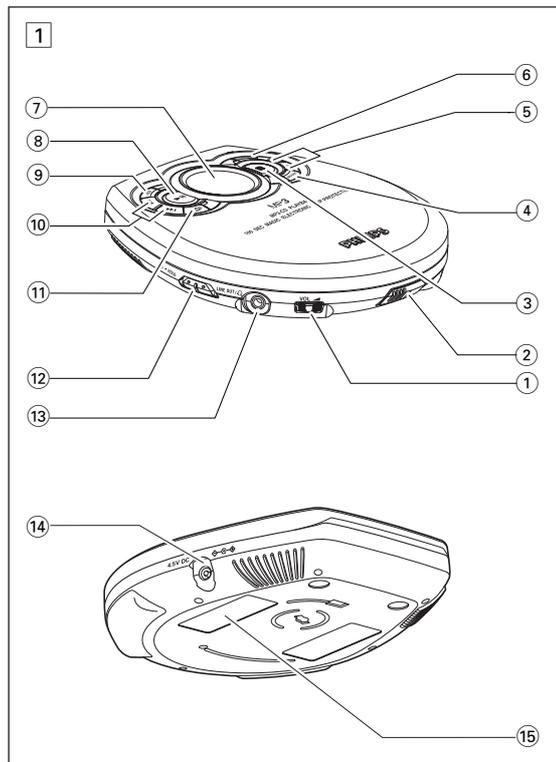
EXP2300, EXP2301

```
CLASS 1
LASER PRODUCT
```
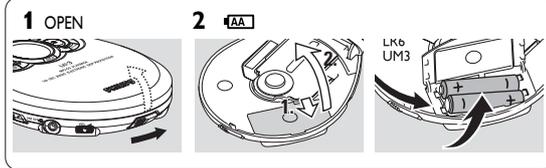
1

QUICK START	MISE EN SERVICE RAPIDE

1 OPEN   **2** AA

LR6
UM3

3 CD   **4** CD

5 HOLD → OFF   **6** PLAY ▶II   **7** VOL

!!!

Supplied Accessories:
1 x headphones HE035
1 x AC/DC adapter AY3162 (not for all versions)

CONTROLS (see figure 1)

① **VOL** ━━━ ....adjusts the volume.
② **OPEN** ▶ ....opens the CD lid.
③ ■ ....stops playback/clears programmed tracks/ switches off the set.
④ **MODE** ....selects playback options (e.g. **SHUFFLE**, **REPEAT**).
⑤ **-/+** ....MP3 only: skips forward/backward albums.
⑥ **PROG** ....programs tracks and reviews the program.
⑦ ....display
⑧ ▶II.....................switches the player on, starts playback and pauses playback.
⑨ **EQ** ....selects from 4 different equalization settings
⑩ ◄◄ /▶►I................skips and searches tracks backward/forward.
⑪ **ESP** ....selects between the battery powersave mode and **E**lectronic **S**kip **P**rotection (**ESP**). ESP prevents playback interruptions caused by shocks.
⑫ **OFF**....................switches **HOLD** off.
　HOLD ....locks all buttons.
⑬ ⌒ **/ LINE OUT** ....3.5mm headphone jack; jack to connect the player to another audio input of an additional appliance.

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

POWER SUPPLY

Power adapter (supplied or optionally available)

Only use AY3162 adapter (4.5V/450mA DC, positive pole to the center pin). Any other product may damage the player.

1 Make sure 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.

☑ *Helpful Hints:*

– Always disconnect the adapter when you are not using it.

GENERAL INFORMATION

CD player and CD handling

• Do not touch the lens Ⓐ 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 soft, slightly dampened, lint-free cloth. Do not use any cleaning agent as it may have a corrosive effect.
• To clean the CD, wipe it in a straight line from the center toward the edge using soft, lint-free cloth. The 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. In that case, playing a CD is not possible. 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.
• Avoid dropping the unit as this may cause damage.

⑭ **4.5V DC** ....jack for external power supply.
⑮ ....typeplate

POWER SUPPLY

Batteries (not included)

Inserting AA (LR6, UM3) batteries
1 Open the battery compartment.
2 Insert 2 x **AA** batteries as shown into the battery compartment.
3 Close the battery compartment.

☑ *Helpful Hints:*

– *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.*

Battery indication
The battery level is shown in the display screen as follows:

▭ Battery usable

▭ Battery empty

Average playing time of batteries under normal conditions

Battery type	Audio CD	Power Save MP3-CD
Alkaline AA	18 hours	28 hours

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

GENERAL INFORMATION

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, dead batteries and old equipment.

– **Apparatus shall not be exposed to dripping or splashing.**

– **Do not place any sources of danger on the apparatus (e.g. liquid filled objects, lighted candles)**

HEADPHONE

HEADPHONE HE035

- Connect the supplied headphones to the ∩ / **LINE OUT** socket of the player.

☑ *Helpful Hints:*

- ∩ / **LINE OUT** can also be used to connect this set with your HiFi system. To adjust the sound and volume, use the controls on the connected audio equipment and 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 hazard and it is illegal in many countries.

ABOUT MP3

The music compression technology MP3 (MPEG1 Audio Layer 3) significantly reduce the digital data of an audio CD while maintaining CD quality sound.

- **Getting MP3 files**: you can either download legal music files from the internet to your computer hard disc, or create such files by converting audio CD files in your computer through appropriate encoder software. (128kbps bit rate or higher is recommended for MP3 files.)
- **Creating a MP3 CD**: burn the music files from your computer hard disc on a CDR or CDRW using your CD burner.
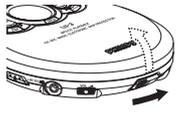
☑ *Helpful Hints:*

- Make sure that the file names of the MP3 files end with *.mp3* .
- Total number of music files and albums: around 350 (with a typical file name length of 20 characters)
- The length of file names affects the number of tracks for playback. With shorter file names, more files can be burned on a disc.

PLAYING A CD

This CD player can play all kinds of **Audio Discs** (including CD-Recordables and CD-Rewritables) and **MP3 CDs**. Do not try to play a CD-ROM, CDi, VCD, DVD or computer CDs.

1 Push the **OPEN ▶** slider to open the player.

2 Insert an audio CD or a MP3/CD, printed side up, by pressing the CD onto the hub.

3 Close the player by pressing the lid down.

4 Press ▶II to switch the player on and start playback.
   → 𝐿𝑑 𝑟𝐸𝐴𝑑 is displayed as the CD player scans the contents of a disc.
   → The display briefly shows:
      Audio CD: the total number of tracks and total playing time.
      MP3 CD: the total number of tracks and albums
   → Playback starts automatically.
      Audio CD: The display shows current track number and elapsed playing time.
      MP3 CD: The display shows current album/track number and elapsed playing time.
      MP3 and **ESP** appear.

To pause playback

- Press ▶II.
   → The elapsed playing time flashes.
- Press ▶II again to continue playback.

PLAYING A CD

To stop playback

- Press ■.
   → Audio CD: The display shows the total number of tracks and total playing time
      MP3 CD: The total numbers of tracks and albums are displayed respectively.
- Press ■ again to switch off the player.
- To remove the CD, hold it by its edge and press the hub gently while lifting the CD.

☑ *Helpful Hints:*

- If there is no more activity, the set will automatically switch off after 30 seconds.

VOLUME AND SOUND

Volume adjustment

- Adjust the volume by using **VOL** ◣.

Sound adjustment

There are 4 equalizer settings: **NOR** (Normal), **bAS** (bass), **POP** and **JAZ** (Jazz).

- Press **EQ** once or more to select your option.
   → Display: 𝑁𝑂𝑅 , 𝑏𝐴𝑆 , 𝑃𝑂𝑃 or 𝐽𝐴𝑍 appears as the respective EQ setting is selected.

Selecting and searching on all discs

Selecting a track
- Briefly press ⏮ or ⏭ once or several times to skip to the beginning of the current, previous or subsequent track.
- In the pause/stop position, press ▶II to start playback.
  ➜ Playback starts with the selected track.
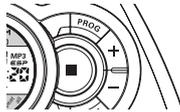
Searching for a passage during playback
1 Press and hold ⏮ or ⏭ to find a particular passage in a backward or forward direction.
  ➜ Searching starts while playback continues at low volume. After 2 seconds the search speeds up.
2 Release the button when you reach the desired passage.
  ➜ Playback continues from this position.

Selecting on MP3 CDs

To find a MP3 track, you can first press - or + to select your desired album.

Selecting an album
- Hold down or press - or + repeatedly until you find the desired album number.
- In the pause/stop position, press ▶II to start playback.
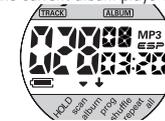 ➜ The first track of the selected album plays.

☑ *Helpful Hints:*
 – *When the program or shuffle mode is active, use of the* - *or* + *keys are void.*

Your selected play mode is indicated by ▼ , ♣ , ⟲ or ⟳

1 Press **MODE** once or more during playback to activate one of the following.
  – **repeat**: The current track plays repeatedly.
  – **repeat all**: All tracks of the disc/program play repeatedly.
  – **repeat album** (for MP3 CDs only): All tracks of the current album play repeatedly.
  – **scan**: Each track in the disc plays 10 seconds in sequence.
  – **scan album** (for MP3 CDs only): Each track in the current album plays 10 seconds in sequence.
  – **scan prog** Each track in the current program plays 10 seconds in sequence.
  – **shuffle**: All tracks of the disc play in random order once.
  – **shuffle all**: All tracks of the disc play in random order repeatedly.
  – **shuffle album** (for MP3 CDs only): All tracks of the current album play in random order once.
  ➜ Playback of selected mode starts with **the next track**.
2 To return to normal playback, press **MODE** repeatedly until the mode cursors disappear.
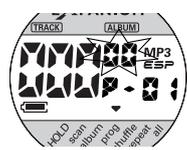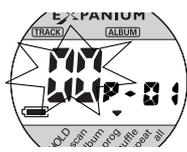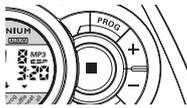
☑ *Helpful Hints:*
 – *In shuffle modes, press* ⏭ *to select another track or press* ⏮ *to return to the beginning of the current track.*

You can store up to 64 tracks to play in a program. A single track may be stored more than once in the program.
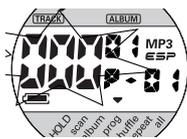
For an audio CD:
1 **In the stop position**, press **PROG** to activate programming
  ➜ The display shows **00 P- 01**, with **00** flashing
  ➜ ▼ appears above **PROG.**
2 Select a track by pressing ⏮ /⏭.
3 Press **PROG** to store the track.

  ➜ **P- 02** appears and **00** flashes for you to program the
     next track.
4 Select and store all desired tracks in this way.
5 Press ▶II to start playback of your selected tracks.
  ➜ Playback starts, with ▼ above **PROG.**

For a MP3 CD:
1 **In the stop position**, press **PROG** to activate programming.
  ➜ The display shows **000 00 P- 01**, with **00** flashing
  ➜ ▼ appears above **PROG.**
2 Select an album by pressing ⏮ / ⏭.
3 Press **PROG** to store the album.

  ➜ **000** flashes for you to program a track within the album.
4 Select a track by pressing ⏮ /⏭.
5 Press **PROG** to store the track.

  ➜ The display shows **000 00 P- 02**, with **00** flashing..
6 Repeat steps 2-5 to store other desired albums and tracks.

☑ *Helpful Hints:*

– *During programming, if no action is executed within 10 seconds, programming will stop automatically.*
– *If you try to store more than 64 tracks, no track can be selected and the stored tracks are displayed.*

To clear the program

- Press ■ :
  – Once, if in the stop position
  – Twice, during playback.
  ➜ The ▼ above **PROG** disappears.

☑ *Helpful Hints:*

– *The program will also be cleared if the power supply is interrupted, or if the player lid is opened, or if the set switches off automatically.*
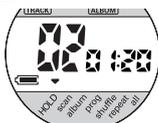
HOLD- locking all buttons

You can lock the buttons of the set. When a key is pressed, no action will be executed. With HOLD activated, you can avoid accidental activation of other functions.Simply adjust the **HOLD** slider to **HOLD** or **OFF** position as desired. For example:

• Switch the **OFF•HOLD** slider to **HOLD** to activate HOLD on the set.

➔ ▼ appears at **HOLD**. All buttons are locked and no action will be executed when you press any button on the set. If the set is switched off, ⓗⓞⓛⓓ appears when ▶II is pressed.

• To deactivate **HOLD**, switch the slider to **OFF**
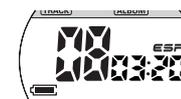➔ All the buttons are unlocked.

With a conventional portable CD player, you might have experienced that music stopped (e.g. when you were jogging). The **E**lectronic **S**kip **P**rotection prevents playback interruption 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!**

The power save mode helps to extend battery service life for longer playback.

• Press **ESP** once or twice during playback.
➔ **ESP**appears when shock protection is activated

• To deactivate the shock protection and enter the power save mode, press **ESP** again.
➔ **ESP** disappears.

100 SEC MAGIC ESP!

Average playing times when ESP skip protection activated :

Seconds	track type
100	MP3 (128kbps)
40	Audio CD

☑ *Helpful Hints:*

– *For a MP3 CD, ESP is by default always activated.*

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 empty, that they are inserted correctly, that the contact pins are clean.

• Your adapter connection may be loose. Connect it securely.

The indication ⓝⓞ ⓓⓘⓢⓒ is displayed/CD cannot be read
• Check that the CD is clean and correctly inserted (label-side upward).

• If your lens have steamed up, wait a few minutes until the lens clear up.

• CD-RW (CD-R) was not recorded properly. Use FINALIZE on your CD-recorder.

The indication ⓗⓞⓛⓓ 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.

Music files do not play
• Check that the file names of MP3 files end with .mp3.

Some directories missing on MP3 CDs
• Check that the total number of files and albums on your MP3 CDs does not exceed 350.

• Only albums with MP3 files are shown.

The CD skips tracks
• The CD is damaged or dirty. Replace or clean the CD.

• Shuffle or program is active. Switch off whichever is on.

Music skips or popping sounds when you play a MP3 track
• Play the music file in your computer. If the problem remains, encode the audio track again and make a new CD.

No sound or bad sound quality
• Playback on pause. Press ▶II.

• Loose, wrong or dirty connections. Check and clean connections.

• Volume might not be appropriately adjusted. Adjust the volume.

• Strong magnetic fields. Check the player's position and connections. Also keep away from active mobile phones.

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