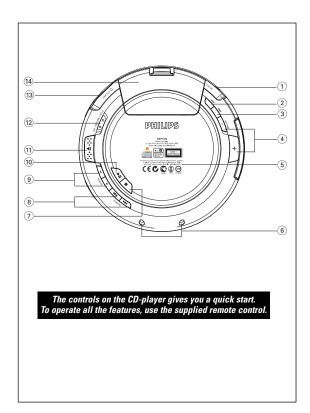
User manual



Need help? Call us!
Philips representatives are ready to help you with any questions about your new product.
CALL US BEFORE YOU CONSIDER RETURNING THE PRODUCT!
1-888-PHILIPS(1-888-744-5477) or visit us on the web at www.philips.com





PHILIPS CONSUMER ELECTRONICS NORTH AMERICA

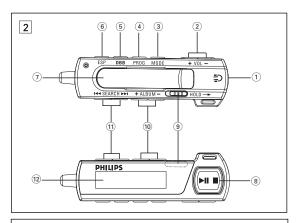
Knoxville, Tennessee 37914-1810, U.S.A.

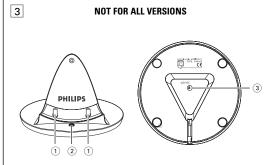
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EXP3461

CLASS 1 LASER PRODUCT

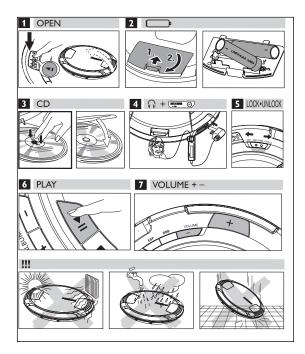






Printed in China

LC/bk WK0446



Return your Product Registration Card today to get the very most from your purchase.

Registering your model with PHILIPS makes you eligible for all of the valuable benefits listed below, so don't miss out. Complete and return your Product Registration Card at once to ensure:

*Product Safety *Additional *Proof of **Notification** Benefits of **Purchase Product Ownership** Returning the enclosed card By registering your product, you'll Registering your product guarantees that your date of receive notification - directly from guarantees that you'll receiv ourchase will be on file, so no the manufacturer - in the rare all of the privileges to which additional paperwork will be case of a product recall or safety you're entitled, including special

Know these safety symbols

required from you to obtain



This "bolt of lightning" indicates uninsulated material within your unit may cause an electrical shock. For the safety of everyone in your household, please do not remove product covering.

The "exclamation point" calls attention to features for which you should read the enclosed literature closely to prevent operating and maintenance problems.

For Customer Use Enter below the Serial No. which is located on the rear of the cabinet. Retain this information for future reference.

money-saving offers.

Model No. _____

WARNING: To reduce the risk of fire or electric shock, this apparatus should not be exposed to rain or moisture, and objects filled with liquids, such as vases, should not be placed on this apparatus.

CAUTION: To prevent electric shock, match wide blade of plug to wide slot, fully insert.

ATTENTION: Pour éviter les choc électriques, introduire la lame la plus large de la fiche dans la borne correspondante de la prise et pousser jusqu'au fond.

IMPORTANT SAFETY INSTRUCTIONS

- 1. Read these instructions.
- 2. Keep these instructions.
- 3. Heed all warnings.
- 4. Follow all instructions.
- 5. Do not use this apparatus near water.
- 6. Clean only with a dry cloth.
- 7. Do not block any of the ventilation openings. Install in accordance with the manufacturers instructions.
- Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat
- Only use attachments/accessories specified by the manufacturer.
- 10.

Use only with a cart, stand, tripod, bracket, or table specified by the manufacturer or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tipover

- 11. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as if the power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, or when the apparatus 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.
- 13 Apparatus shall not be exposed to dripping or splashing.
- 14 Do not place any sources of danger on the apparatus. (e.g. liquid filled objects, lighted candles).
- 15 This product may contain lead and mercury. Disposal of these material may be regulated due to environment considerations. For disposal or recycling information, please contact your local authorities or the Electronic Industries Alliance: www.eiae.org.

EL 6475-E005: 04/01

English **CONTROLS CONTROLS** Remote control AY3802 (see figure 2) **Supplied Accessories:** 1 x headphones HS383 ① n. ..3.5 mm headphone jack 1 x remote control, AY3802 2 VOL +/-adjusts the volume 1 x AAA battery door selects playback options. To select and enter the display function, press and hold MODE for 3 seconds. Controls (see figure 1) PROG. programs tracks and reviews the program .. jack for AC/DC adapter power supply ① 4.5V DC ⑤ DBB switches the bass enhancement on and off. When pressed 2 ESP . selects between the battery powersave mode and for more than 2 seconds, the button switches audible Electronic Skip Protection (ESP). ESP prevents playback feedback (beep) on/off. interruptions caused by shocks. 6 ESP selects between the battery powersave mode and 3 DBB switches the bass enhancement on/off. When pressed for Electronic Skip Protection (ESP). ESP prevents playback more than 2 seconds, the button switches audible interruptions caused by shocks. feedback (beep) on/off. (4) VOLUME +,-... adjusts the volume .switches the player on, starts or pauses CD playback. typeplate (5) stops playback/ clears programmed tracks (6) .stops CD playback, clears a program or / switches off the set. switches the player off. (7) SEARCH (44 / >>> skins and searches backward/ forward tracks .switches HOLD off (on the remote control only) 8 ALBUM +/ -.....MP3/WMA- CD only: selects the next/previous HOLDlocks all buttons (on the remote control only) album or skips forward/backward tracks. (10) **ALBUM + / -**MP3/WMA-CD only: selects the previous or next album . switches the player on, starts or pauses CD playback. (1) **SEARCH** | / | ...skips and searches backward/ forward tracks opens the CD lid $\bar{\mbox{\scriptsize 11}}$ OFF ..switches RESUME and HOLD off (on the set only) 12display RESUME saves the last position played HOLD ..locks all buttons (on the set only)

REMOTE CONTROL AY3802 / HEADPHONE HS 383

the remote control battery door

connect the remote control here and your headphones to

Using the remote control

The remote control allows you to command all the functions on the player

- Firmly connect the remote control to LINE OUT Ω on the set.
- Firmly connect the headphones to the jack $\ensuremath{\Omega}$ on the remote control.
- On the remote control, press ►II to start playback.
- Adjust the volume and sound on your remote control. To stop playback, press ■. To switch off the CD player, press again.

Headphones HS383, LINE OUT

- Connect the remote control to LINE OUT ∩ jack of the player and your headphones to the remote control.
- Ω can also be used for connecting the player to your HiFi system.

IMPORTANT!

Hearing safety: listen at a moderate volume. using headphones at high volume can impair your hearing.

Traffic safety: do not use headphones while driving or cycling as you may cause an



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.
- Avoid dropping the unit as this may cause damage.

CAUTION

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

POWER SUPPLY

Batteries (supplied or optionally available)

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

- ◆ alkaline batteries type AA (LR6, UM3) or AAA (LR03, UM4).
- ◆ PHILIPS rechargeable batteries, type AY3363

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.

Inserting AAA (LR03, UM4) or AY 3363 batteries

- 1 Open the battery compartment.
- 2 Insert AAA batteries as shown onto the back of the AAA battery door.
- Fit the AAA battery-loaded door onto 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 full

Battery two-thirds full

Battery one-third full

Battery dead or empty. The display shows LOW BATT and the beep

tone sounds repeatedly.

Average playing time of batteries under normal conditions		
Battery type		Power Save
	Audio CD	MP3-CD
Alkaline AA	30 hours	45 hours
Alkaline AAA	13 hours	20 hours

POWER SUPPLY

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

- 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)

POWER SUPPLY

AC/DC adapter AY3162 (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.

- Make sure the local voltage corresponds to the AC/ DC adapter's voltage.
- 2 Connect the AC/ DC adapter to the 4.5V DC jack of the player and to the wall outlet



Always disconnect the adapter when you are not using it.



ABOUT MP3/WMA

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

- Getting MP3/WMA 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 is
 recommended for MP3 files and 96 kbps bit rate for WMA files.)
- Creating a MP3/WMA CD: burn the music files from your computer hard disc on a CDR or CDRW using your CD burner.



- Make sure that the file names of the MP3 files end with .mp3 and WMA files and with .wma.
- Total number of music files and albums: around 350 (with a typical file 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.

Windows Media Audio® is a registered trademark of Microsoft Corporation.

All trademarks used are owned by their respective owners.

ENVIRONMENTAL INFORMATION

- All redundant packing material has been omitted. We have done our utmost to make the packaging easily separable into two 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.

With this set you can play

all pre-recorded audio CDs (CDDA)

Important: CDs encoded with copyright protection technologies by some record companies may be unplayable by this product.

- all finalized audio CDRs and CDRWs
- WMA/MP3-CDs (CD-ROMs with WMA/MP3 files)
- 1 Push the open ≜ slider to open the CD lid.
- 2 Insert a disc, printed side up, by pressing gently on the disc's center so that it fits onto the hub. Close the lid by pressing it down.
- 3 Press >11 to switch the player on and start playback.
 - → Display shows EXPANIUM and also "READING CD" if the reading time exceed 5 seconds, e.g. MP3/WMA-CD). Then, Audio CD: current track number appears.
 - MP3/WMA: Current file name appears.
- 4 Press ►II briefly to interrupt playback.
 - → The time where playback was interrupted blinks. Beep sounds at intervals.
- 5 To resume playback press ►II briefly again.
- 6 Press to stop playback.
 - → Audio CD: total playing time and total number of tracks appear. MP3/WMA: total number of albums/tracks appear.

PLAYING A CD

Helpful Hint:

- When playing a disc with CD Audio tracks and MP3 files, the CD Audio tracks will be played first ..
- "0" is shown as your album number, if you have not organized your MP3/WMA files into any albums on your disc.
- 7 Press again to switch off the CD player.
- 8 To remove the disc, hold it by its edge and press the hub gently while lifting the disc.

Auto-standby

When a CD has reached the end of playback and remains in the stop position for more than 25 seconds, the display will disappear. 65 seconds later, the set will automatically switch off to save mains.

VOLUME AND SOUND

Volume adjustment

Adjust the volume by pressing VOLUME +/— (00 - 30, or VOL +/— on the remote control).





TRACK 002

Volume level resumes at:

- Default level 12: when starting playback from standby/power off mode.
- Previous level: when starting playback from the stop position.

There are three DBB (Dynamic Bass Boost) options:

- Off: no bass enhancement
- **OBBO** : moderate bass enhancement
- **OBB** 2 : strong bass enhancement
- · Press DBB once or more to select your option.
- → **OBB02** appears if DBB activated.



SELECTING A TRACK/ ALBUM AND SEARCHING

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 play-
 - →Playback continues with the selected track.

Searching for a passage during playback

- Keep I or ▶ pressed to find a particular passage in backward or forward direc-
 - → Searching starts and playback continues at a low volume.
- 2 Release the button at the desired passage.
- → Normal playback continues.

Selecting on WMA/MP3-CDs

Selecting an album

- Briefly press **ALBUM +/ -** once or several times to skip to the first track of the subsequent, current or previous
- In the pause/stop position, press ►II to start play-
 - → The first track of the selected album is played.



Selecting a track

- Keep ALBUM +/ pressed to skip quickly to the subsequent, current or previous MP3/ WMA tracks
 - → Skipping starts and speeds up after 5 seconds.
- 2 Release the button at the desired track.
- → Playback continues with the selected track.



- When the program mode is active, use of the **ALBUM +/ -** keys are void.

PROGRAMMING TRACK NUMBERS

(remote control only)

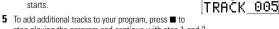
You can select up to 50 tracks and store them in the memory in a desired sequence. You can store any track more than once.

1 Select a track with idd or ▶ (and also ALBUM +/ for a MP3/WMA-CD).



P01 005

- 2 On the remote control, press PROG to store the track.
 - → P with the number of stored tracks is displayed.
- 3 Select and store all desired tracks in this way.
- **4** If necessary, press to stop normal playback. Press and hold I briefly to start playback of the program.
 - → PROG Is shown and playback of the program starts.



stop playing the program and continue with step 1 and 2.

→ After 50 tracks are stored, PROG FULL is shown.

Reviewing the program

You can review the programme by pressing **PROG** for more than 3 seconds.

→ All stored tracks are displayed in sequence.

Clearing the program

- 1 If necessary press to stop playback.
- 2 Press to clear the program.
 - → Cleaned is displayed.



The program will also be cleared if you interrupt the power supply or open the CD lid or if the set switches off automatically.

DISPLAY INFORMATION (WMA/MP3 tracks only)

- On the remote control, press and hold MODE 3 seconds to activate the display option mode. Within 2 seconds, press MODE briefly again, once or more to change and select your display option:
 - FILENAME : the track's file name
 - ALBUM : the album's folder name
 - TITLE: the track's title (if this ID3 tag information is available)
 - ARTIST: the artist's name (if this ID3 tag information is available)
 - PLAYTIME: the album number, elapsed playing time, and track num-

Helpful Hint:

- The ID3 tag is part of an WMA/MP3 file and contains various track information such as the track's title or the artist's name. Complete the ID3 tag information with your MP3 encoder software before burning the WMA/MP3-CD.
- The display can show a maximum of 31 characters.

SELECTING DIFFERENT PLAY OPTIONS – MODE

(remote control only)

You can select and change the various play modes before or during playback.

- 1 On the remote control, press MODE repeatedly to select any of the following:
- (Shuffle All): all tracks of the disc play in random order once.
 - (Shuffle repeat all): all tracks of the disc play in random order repeatedly.
 - ←1 (Repeat 1): the current track plays repeatedly.
- (Repeat AII): all tracks of the disc/ program play repeatedly. ALL
- Scan All : each track in the disc/program plays 10 seconds

For MP3/WMA-CDs only:

- (Shuffle Album): all tracks of current album play in random order once.
- ↑↑ (Shuffle Repeat Album): all tracks of current album play in random order repeatedly
- (Repeat Album): all tracks of current album play repeatedly.
- → The play mode is selected after its icon flashes 3 times.
- 2 Press II to start playback if in the stop position.
- 3 To return to normal playback, press MODE repeatedly until the play option icons e.g. 🕦 and 📶 disappear.



, ALL , Scan All : only these play modes can be combined with programmed tracks.

ESP / POWERSAVING MODE

With a conventional portable CD-player you might have experienced that the music stopped e.g. when you were jogging. The **E**lectronic **S**kip **P**rotection (ESP) 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

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

- · To deactivate the shock protection and enter the power save mode, press ESP..
 - → ESP disappears.
- Press ESP again.
 - → ESPappears when shock protection is activated

maximum ESP time exceeded. Playback skips but will resume optimum playback when the player is free from vibration.



200 SEC MAGIC ESP

Average playing times when ESP skip protection is activated:

Seconds	track type
200	WMA-CD(64kbps)
100	MP3-CD(128kbps)
45	Audio CD



ESP is by default activated.

RESUME

(main set only, audio CD only)

RESUME - continuing from where you have stopped

You can store the last position played. When restarting, playback will continue from where you have stopped (RESUME). Use the **OFF-RESUME-HOLD** slider on the set for this function.

- Switch the slider to **RESUME** during playback to activate RESUME.
- 2 Press whenever you want to stop playback.
- 3 Press II whenever you want to resume playback (or on the remote control, press and hold II briefly).
 - → Playback continues from where you have stopped.
- . To deactivate RESUME, switch the slider to OFF.

HOLD

HOLD - locking all buttons

This player offers a double lock function to prevent buttons from being accidentally pressed and activated. You can choose to lock all buttons on either your set, remote control or even both! Simply adjust the respective **HOLD** slider to on or off position as desired. For example:

Switch the OFF-RESUME-HOLD slider to HOLD to activate HOLD

(or on the remote control quiteb the OFF-HOLD slider).

(or on the remote control, switch the $\mbox{\bf OFF-HOLD}$ slider to $\mbox{\bf HOLD}).$

→ All buttons are locked. HOLD is shown when you press any button on the set / remote control respectively. If the set is locked and switched off, HOLD will be shown only when you press ►II.



HOLD →

HOLD

HOLI

- . To deactivate HOLD, switch the slider to OFF.
 - → All the buttons are unlocked.



 If you deactivate HOLD by switching the slider on the set to RESUME, you will be activating the RESUME function.

ACOUSTIC FEEDBACK (BEEP)

Acoustic feedback is a beep signal that is heard when buttons on the set or remote control are pressed. Also, when the set or remote control is in pause mode or the battery power is low, it beeps at intervals.

- 1 Keep DBB pressed for more than 2 seconds to switch the beep either off or
 - → beep off: Beep is switched off.
 - → beep on : Beep is switched on.



Beep is on as the default setting.

TROUBLESHOOTING

WARNING: Under no circumstances should you try to repair the unit 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.

The indication Insert © 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
- Make sure the CD is not encoded with Copyright protection technologies, as some do not conform to the Compact Disc standard.

The indication Disc Error is displayed

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

The indication Non audio is displayed

The indication $H \square L \square$ 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.
- SHUFFLE or PROG is active. Switch off whichever is on.

No sound or bad sound quality.

- pause might be active. Press ►II.
- Loose, wrong or dirty connections. Check and clean connections.
- · Volume might not be appropriately adjusted. Adjust the volume.
- Strong magnetic fields. Check player's position and connections. Also keep away from active mobile phones.

Canada

English

This digital apparatus does not exceed the Class B limits for radio noise emissions from digital apparatus as set out in the Radio Interference Regulations of the Canadian Department of Communications.

Français

Cet appareil numérique n'émet pas de bruits radioélectriques dépassant les limites applicables aux appareils numériques de Classe B prescrites dans le Règlement sur le Brouillage Radioélectrique édicté par le Ministère des Communications du Canada.

PHILIPS LIMITED WARRANTY

One (1) Year Free Product Exchange

PHILIPS CONSUMER ELECTRONICS warrants this product against defect in orkmanship, subject to any conditions set forth as follo

PROOF OF PURCHASE:

You must have proof of the date of purchase to exchange the product. A sales receipt or other document showing the product, the date that you purchased the product, as well as the authorized retailer included, is considered such proof.

COVERAGE:

Warranty coverage begins the day you buy your product. For a period of one (1) year from the date of purchase, if the product is determined to be defective, Philips will exchange the defective product with a new or renewed product, at its option, at no charge. The replacement product is covered only for the warranty period of the original product. When the warranty on the original product expires, the warranty on all replaced products also expires. When it is necessary for you to ship the product to Philips for exchange, you will pay the shipping cost for shipment to Philips. Philips will pay the shipping costs when returning a product to you.

Note:The exchange model supplied will be the most comparable one in Philips current inventory. Shipping of your product to Philips implies intent to follow the specified requirements of the warranty and exchange program. Product received by Philips cannot be returned. Replacement product can only be sent if all warranty requirements are met. Failure to follow all requirements can result in delay of exchange process.

EXCLUDED FROM WARRANTY COVERAGE

- Shipping charges to return defective product.
- Labor charges for installation or setup of the product, adjustment of customer controls
 on the product, and installation or repair of antenna systems outside of the product.
- Product repair and/or part replacement because of improper installation, connections to improper voltage supply, abuse, neglect, misuse, accident, unauthorized repair or other cause not within the control of Philips.
- Damage occurring to product during shipping when improperly packaged or cost associated with packaging.
 A product that requires modification or adaptation to enable it to operate in any country.
- other than the country for which it was designed, manufactured, approved and/or authorized, or repair of products damaged by these modifications.

 A product used for commercial or institutional purposes (including but not limited to
- rental purposes).

- Products lost in shipment and no signature verification of receipt can be provided.
 Products sold AS IS or RENEWED.

WHERE WARRANTY EXCHANGE IS AVAILABLE: Exchange is available in all countries where Philips officially distributes the product. In countries where Philips does not distribute the product, the local Philips organization will attempt to exchange the product, although there may be a delay if the appropriate product is not readily available, or special customs processes are implied.

FOR EXCHANGE IN THE U.S.A., PUERTO RICO, OR U.S.VIRGIN ISLANDS... Contact Philips Customer Care Center at:

1-888-PHILIPS (1-888-744-5477)

FOR EXCHANGE IN CANADA..

1-800-661-6162 (French Speaking) 1-888-PHILIPS (1-888-744-5477) - (English or Spanish Speaking)

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This warranty gives you specific legal rights. You may have other rights which vary from state/province to state/province.

Philips, P.O. Box 671539, Marietta, GA. 30006-0026

(Warranty: 4835 710 27325)