

CD Clock Radio

AJ3980



Read this manual first!

If you have any problems, do not attempt to return this product to the store.

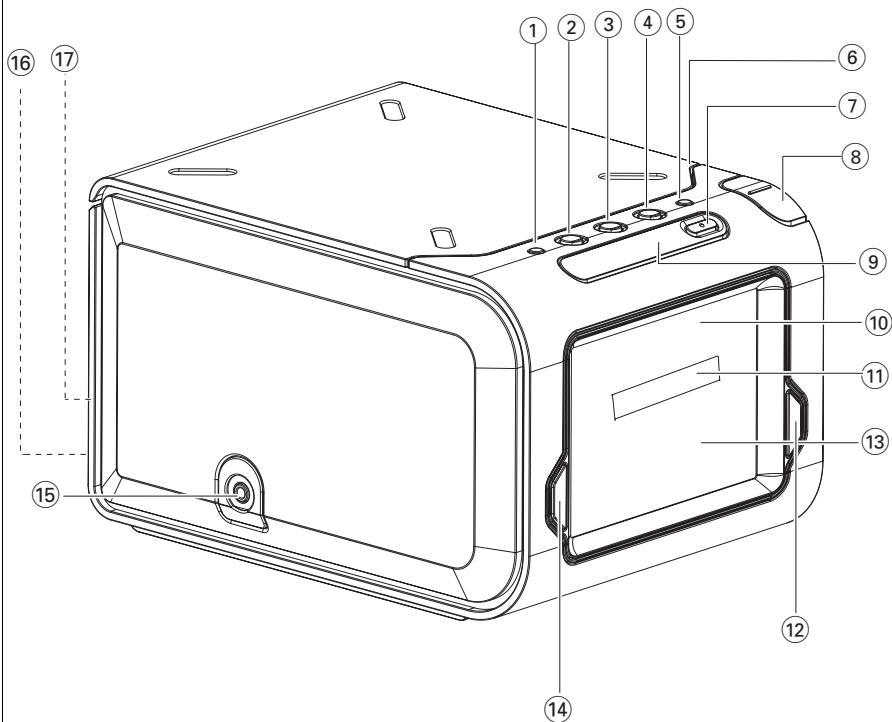
For fast help, call us first!

1-800-531-0039

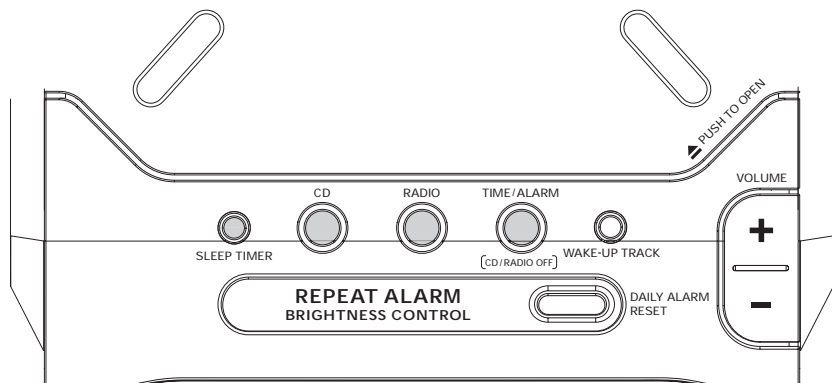


PHILIPS

1

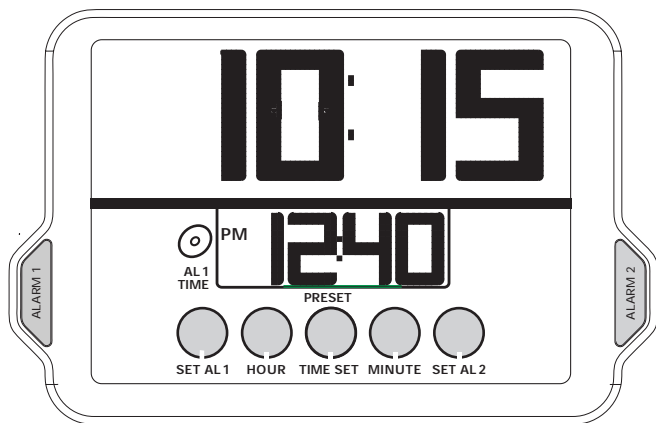


2

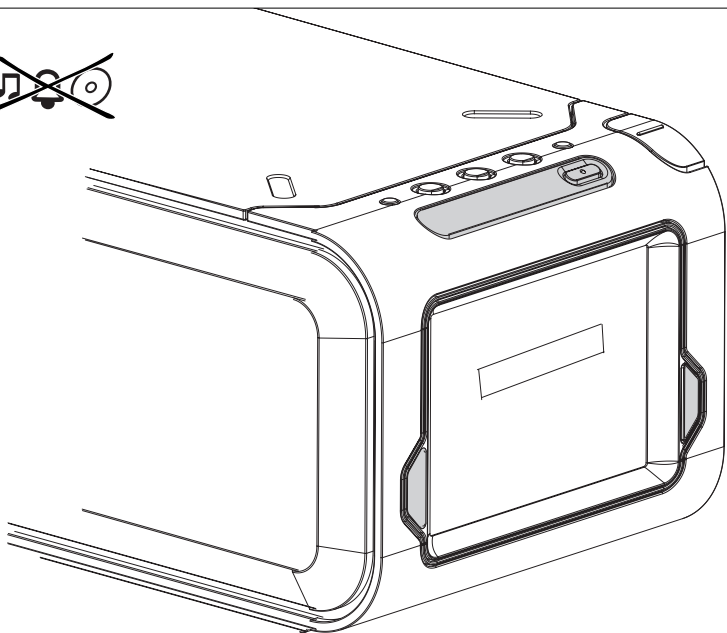


3

TIME

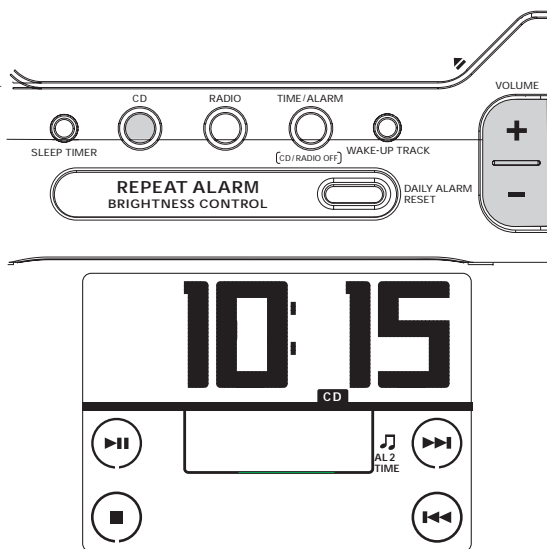


4



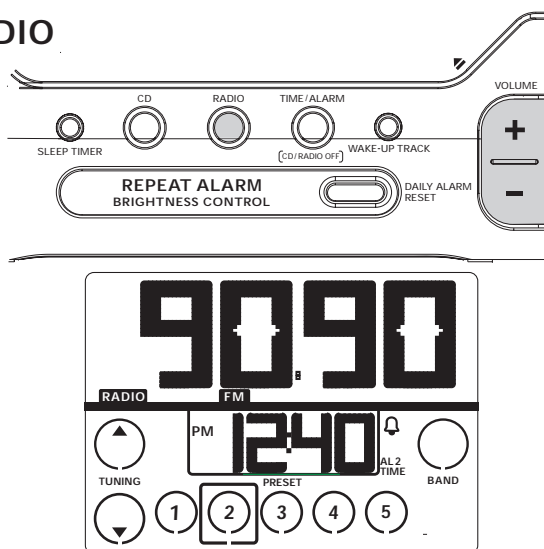
5

CD



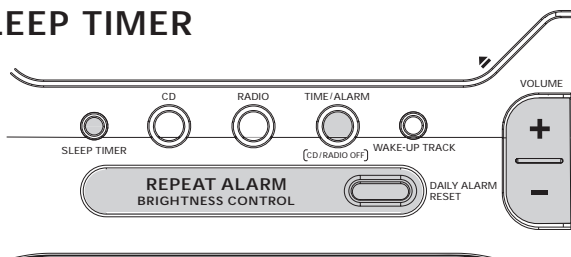
6

RADIO

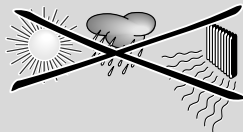


7

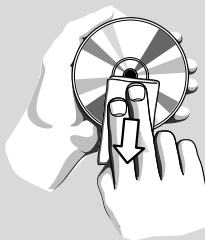
SLEEP TIMER



8



9



This product complies with the FCC-Rules, Part 15 and with 21 CFR 1040.10. Operation is subject to the following two conditions:

- 1. This device may not cause harmful interference, and*
- 2. this device must accept any interference received, including interference that may cause undesired operation.*

L'appareil répond aux normes FCC, Part 15 et 21 CFR 1040.10. Fonctionnement soumis aux deux conditions suivantes:

- 1. Cet appareil ne doit pas provoquer d'interférences nuisibles, et*
- 2. Cet appareil doit accepter toute interférence reçue, y compris les interférences susceptibles de provoquer un fonctionnement peu satisfaisant.*

El aparato cumple las normas FCC, Parte 15 y 21 CFR 1040.10. Funcionamiento dependiente de dos condiciones siguientes:

- 1. Este aparato no puede provocar interferencia dañina, y*
- 2. Este aparato debe aceptar cualquier interferencia recibida, incluyendo las interferencias que pueden provocar un funcionamiento insuficiente.*

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.

Return your Warranty Registration card today to ensure you receive all the benefits you're entitled to.

- Once your Philips purchase is registered, you're eligible to receive all the privileges of owning a Philips product.
- So complete and return the Warranty Registration Card enclosed with your purchase at once, and take advantage of these important benefits.

• Warranty Verification

Registering your product within 10 days confirms your right to maximum protection under the terms and conditions of your Philips warranty.

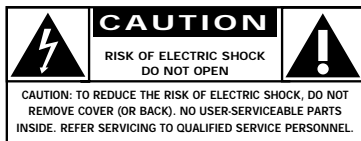
• Owner Confirmation


Your completed Warranty Registration Card serves as verification of ownership in the event of product theft or loss.


• Model Registration

Returning your Warranty Registration Card right away guarantees you'll receive all the information and special offers which you qualify for as the owner of your model.

Know these
safety symbols



 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.

Model No. _____

Serial No. _____

WARNING: TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS EQUIPMENT TO RAIN OR MOISTURE.

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

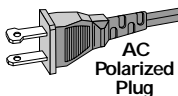
IMPORTANT SAFETY INSTRUCTIONS

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 dry cloth.
7. Do not block any ventilation openings.

Install in accordance with the manufacturer's instructions.

8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.

9. Do not defeat the safety purpose of the polarized or



grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.

10. Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. 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 apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.

13. Unplug this apparatus during lightning storms or when unused for long periods of time.
14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus 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 apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
15. **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.

EL 6475-E004: 02/8

Class II equipment symbol



This symbol indicates that the unit has a double insulation system

LIMITED WARRANTY

PORTABLE AUDIO

One Year Free Exchange

This product must be carried in for an exchange.

WHO IS COVERED?

You must have proof of purchase to exchange the product. A sales receipt or other document showing that you purchased the product is considered proof of purchase. Attach it to this owner's manual and keep both nearby.

WHAT IS COVERED?

Warranty coverage begins the day you buy your product. For one year thereafter, a defective or inoperative product will be replaced with a new, renewed or comparable product at no charge to you. A replacement product is covered only for the original warranty period. When the warranty on the original product expires, the warranty on the replacement product also expires.

WHAT IS EXCLUDED?

Your warranty does not cover:

- 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 misuse, accident, unauthorized repair or other cause not within the control of Philips.
- reception problems caused by signal conditions or cable or antenna systems outside the unit.
- 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.
- incidental or consequential damages resulting from the product. (Some states do not allow the exclusion of incidental or consequential damages, so the above exclusion may not apply to you. This includes, but is not limited to, prerecorded material, whether copyrighted or not copyrighted.)
- a product used for commercial or institutional purposes.

WHERE IS EXCHANGE AVAILABLE?

You may exchange the product in all countries where the product is officially distributed by Philips. In countries where Philips does not distribute the product, the local Philips service organization will attempt to provide a replacement product (although there may be a delay if the appropriate product is not readily available).

BEFORE REQUESTING EXCHANGE...

Please check your owner's manual for assistance. If you have additional questions, call us at 1-800-531-0039.

EXCHANGING A PRODUCT IN U.S.A., PUERTO RICO, OR U.S. VIRGIN ISLANDS...

Contact 1-800-531-0039 to arrange an exchange. Or, ship the product, insured and freight prepaid, and with proof of purchase enclosed, to the address listed below.

Philips Exchange Program
Suite A
406 North Irish Street
Greenville TN 37745

(In U.S.A., Puerto Rico, and U.S. Virgin Islands, all implied warranties, including implied warranties of merchantability and fitness for a particular purpose, are limited in duration to the duration of this express warranty. But, because some states do not allow limitations on how long an implied warranty may last, this limitation may not apply to you.)

EXCHANGING A PRODUCT IN CANADA...

Please contact Philips at:

1-800-661-6162 (French Speaking)
1-800-531-0039 (English or Spanish Speaking)

(In Canada, this warranty is given in lieu of all other warranties. No other warranties are expressed or implied, including any implied warranties of merchantability or fitness for a particular purpose. Philips is not liable under any circumstances for any direct, indirect, special, incidental or consequential damages, howsoever incurred, even if notified of the possibility of such damages.)

REMEMBER...

Please record below the model and serial numbers found on the product. Also, please fill out and mail your warranty registration card promptly. It will be easier for us to notify you if necessary.

MODEL # _____

SERIAL # _____

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

Philips, P.O. Box 520890, Miami, FL 33152, USA, (402) 536-4171

CONTROLS (see figure 1)

- ① **SLEEP TIMER** - adjusts timer options for CD / radio
- switches CD / radio on.
- ② **CD** - starts CD playback
- ③ **RADIO** - switches on radio
- ④ **TIME / ALARM**
[CD/RADIO OFF]
- switches off CD / radio
- selects clock display
- ⑤ **WAKE-UP TRACK** - programs your favorite CD track for wake-up track alarm.
- ⑥ **PUSH TO OPEN** - push this corner to open CD door
- ⑦ **DAILY ALARM RESET** - stops the active alarm for 24 hours
- ⑧ **+ / - VOLUME** - adjusts the volume
- ⑨ **REPEAT ALARM/ BRIGHTNESS CONTROL**
- switches off the alarm for a 9 minute period
- switches off timer function
- changes the brightness of the display window
- ⑩ **Main display**
- shows clock time and function status
- shows radio frequency and CD track number briefly when respective function is in use
- ⑪ **Alarm time display** - shows the alarm time and the chosen alarm activated:
- CD (AL 1 TIME), radio / buzzer (AL 2 TIME)
- ⑫ **ALARM 2**
- selects radio / buzzer alarm
- switches radio / buzzer alarm on/ off
- ⑬ **Touch Screen Controls**
Clock controls shown in standby mode. The radio / CD controls appear when the radio / CD is switched on.
SET AL 1 - sets CD alarm time
HOUR - adjusts hour setting
TIME SET - sets clock time
MINUTE - adjusts minute setting
SET AL 2 - sets radio / buzzer alarm

CD:

- starts / pauses CD playback
- stops CD playback
- / - skips to the next / previous CD tracks
- fast search within a track

Radio:

- TUNING** / (up / down)
- tunes to radio stations automatically/ manually
- PRESET** ① - ⑤ - to select / store a radio preset station
- BAND** - selects waveband (FM/AM).

⑭ ALARM 1

- selects CD alarm
- switches CD alarm on/ off

⑮ - 3.5 mm jack for headphones**⑯** **Coil antenna** - improves FM reception**⑰** **Power cord****INSTALLATION (see figure 2)****AC Power Supply**

1. Check if the power voltage, shown on the **type plate on the bottom of the set**, corresponds to your power supply. If it does not, consult your dealer or service center.

...**PH...IL...IPS** scrolls across the display continuously.

- To exit the demo mode, press any button on the set.

E.g. TIME / ALARM [CD/RADIO OFF]

SLEEP TIMER

RADIO

CD

3. To disconnect the set completely from the power supply, withdraw the plug from the wall outlet.

Standby power consumption (clock mode)....1.5W

The serial and production number are located on the bottom of the set.

MEMORY BACKUP

The memory backup conveniently allows your clock, alarm and radio presets to be stored for up to 3 minutes when there is a power interruption e.g. AC power failure. The complete CD clock radio and display will be switched off. As soon as the power supply returns, the display will indicate the correct time.

- If power supply returns *after* 3 minutes, you will need to re-enter the clock and alarm time settings.

CONNECTING HEADPHONES

Connect headphones with a 3.5 mm plug into the jack.
→The built-in speaker will now be muted on the set.

DISPLAY BRIGHTNESS

In the dim / medium setting, the backlight is interactive and gently fades in and out whenever you press a touch screen control.

There are 3 settings: **bright** → **medium** → **dim**

- Press **REPEAT ALARM/ BRIGHTNESS CONTROL** once or more.

SETTING THE CLOCK TIME (see figure 3)

The time is displayed using the 12 hour clock where the **PM** indicator lights up (on = **PM**, off = **AM**).

1. In the standby mode, press **TIME SET** to activate the clock setting mode.

→The current clock time in the main display flashes.

2. Press **HOUR / MINUTE** to adjust the hours and minutes respectively.
 - With your finger held down on **HOUR / MINUTE**, the display will increase the hours / minutes rapidly and continuously.
- Press **HOUR / MINUTE** briefly and repeatedly to adjust the time slowly.
3. Press **TIME SET** again when you have reached the correct time.

→You will hear a double beep to confirm the time setting.

SETTING THE ALARM (see figure 3)**GENERAL**

Two different alarm times, **ALARM 1** and **ALARM 2** can be set in the CD / radio / buzzer modes.

This can be useful when for example you need to be woken up at a different time during the week and at the weekend.

SETTING THE ALARM TIME

1. In the standby mode, press **ALARM 1 / ALARM 2** to select the alarm mode. Check the respective icon appears in the display: CD radio / buzzer .

Either press briefly:

- **ALARM 1** once for CD alarm . This enables CD playback from the first track as your alarm call.
 - **ALARM 2** once or more for radio / buzzer alarm.
2. Press **SET AL 1** or **SET AL 2** to activate the alarm setting mode.
→The current alarm time display flashes.
 3. Press **HOUR/ MINUTE** to adjust the hours and minutes respectively.

- With your finger held down on **HOUR/ MINUTE**, the display will increase the hours / minutes rapidly and continuously.
 - Press **HOUR/ MINUTE** briefly and repeatedly to adjust the time slowly.
4. Press **SET AL 1** or **SET AL 2** again when you have reached the correct time.
→You will hear a double beep to confirm the time setting.

Alarm time display

If you have set both alarms, the standby alarm time display will show the alarm time which is ready to go off first, according to the current clock time.

E.g. if current **clock time = 7:30**

AL2 TIME = 6:20

AL 1 TIME = 7:45,

the standby alarm display shows the alarm time, **7:45**.

GENTLE WAKE VOLUME

A sure way of getting up in the mornings, the **gentle wake volume** for the alarm begins from a fixed gentle volume () and gradually increases to a maximum higher setting of ().

- The default low volume is : , and the maximum volume is : .
- During the alarm call, if you press **+ / - VOLUME**, the volume stops automatically getting louder.

ALARM

✔ Helpful Tip :

If you want the alarm to wake you up, **FIRST CHECK:**

- you have **disconnected the headphones.**
- 🎵 **radio alarm : make sure you have tuned properly to a station.**

SELECTING CD WAKE-UP ALARM MODE

You can program and select a CD track number between 1-99, when the set is in the standby or radio playback mode.

However, if the track number programmed does not exist on your CD, the CD will start playback from the first track during the alarm call.

1. Set the alarm time for **AL1 TIME**.
2. Insert a CD into the CD compartment.
3. Press **ALARM 1** to select CD alarm mode.
4. Press **WAKE-UP TRACK** to activate favorite track programming.
5. Press ⏮ or ⏭ until the desired track number is shown.
6. Press **WAKE-UP TRACK** to confirm the selected track number.

→ The display returns to standby clock time.

7. If you want to review your programmed track number, press **WAKE-UP TRACK**.

IMPORTANT!

The 🔔 **buzzer alarm option** will automatically replace the CD alarm if you have:

- inserted a CD incorrectly;
- inserted a damaged CD;
- forgotten to insert any CD;
- not closed the CD door properly.

SWITCHING OFF THE ALARM (see figure 4)

There are three ways of switching off the alarm.

Unless you cancel the alarm completely, the **DAILY ALARM RESET** option will be automatically selected after 59 minutes, from the time your alarm time first sounds.

✔ Helpful Tip

During an alarm call/ repeat alarm, only the **DAILY ALARM RESET, REPEAT ALARM/ BRIGHTNESS CONTROL** and **ALARM 1 or ALARM 2** and **+ / - VOLUME** controls on the set will operate.

CD

DAILY ALARM RESET

If you want the alarm mode to be stopped immediately but also wish to retain the same alarm setting for the following day:

- Press and hold **DAILY ALARM RESET**
→ You will hear a beep tone to confirm that the alarm reset has been activated.

REPEAT ALARM

This will repeat your alarm call at 9 minute intervals.

- During the alarm call, press **REPEAT ALARM/ BRIGHTNESS CONTROL**.
- Repeat as often as desired.
→ Your alarm mode indication 🎵, ⌚, 🔔 will flash throughout the time the repeat alarm is active.

CANCELLING THE ALARM COMPLETELY

When an alarm is cancelled this is shown by the selected alarm indication and symbol disappearing from the display.

To cancel the set alarm time *before it goes off*:

- Press **ALARM 1** or **ALARM 2** until the alarm icons ⌚ / 🎵 / 🔔 disappears from the display.

CD PLAYBACK (see figure 5)

1. Insert a CD with the printed side facing up, and close the door.
2. Press the CD button to start playback.

→ Display shows: 'CD': - - ' and the total number of tracks, then your current track number, before returning to clock time

→ CD touch screen controls appears throughout CD operation.

Other possible CD indications before returning to clock time:

- $d o o r$ is shown if the CD door is not closed.
- $n o c d$ is shown if no CD has been inserted / inserted incorrectly.
- $n f c d$ is shown if the CD-R(W) is non-finalized
- $e r r$ indicates a general error in operation of the set.

3. Adjust the sound with **+ / - VOLUME**.

4. To interrupt, press ⏮
→ **CD** flashes.

5. Press ⏮ again to resume playback.

6. Press ⏻ to stop playback. Or press **TIME / ALARM** (CD/RADIO OFF) to return to standby mode.

CD / RADIO

✔ Helpful Tip :

In the CD stop position, the **CD touch screen display** remains active for 5 minutes.

- Press ⏮ to start playback again if you have stopped briefly e.g. to change a CD.

- If CD playback is paused for more than 15 minutes and no controls are pressed, the set automatically goes to standby mode.

SELECTING A DIFFERENT TRACK DURING PLAYBACK

The track number appears briefly in the display when you press ⏮ or ⏭ to skip tracks.

- Press ⏮ once or more to skip to the next track(s).
- Press ⏭ more than once to skip to previous tracks
- Press ⏮ once and playback will return to the beginning of the current track.

FINDING A PASSAGE WITHIN A TRACK

1. During playback, press and hold ⏮ or ⏭

→ The CD is played at high speed and low volume; the display will show 'CD': and your current track number.

2. Release ⏮ or ⏭ when you recognize the passage you want.
→ Normal CD playback and standby clock time resumes.

RADIO RECEPTION (see figure 6)

1. Press the **RADIO** button to switch on the radio.
→ Radio touch screen controls appears throughout radio operation
→ The radio frequency and waveband appears in the display for 10 seconds before reverting back to the clock display.
2. Press the **BAND** button to select your waveband FM/AM.
3. Tune to your station **manually** or **automatically** by using ⏴ / ⏵ (up / down).

To improve reception :

FM : extend the coil antenna fully at the back of the set for optimum reception.

AM : uses a built-in antenna. Direct the antenna by adjusting the position of your set.

4. Adjust the sound using the **+ / - VOLUME**.
5. To switch off the radio, press the **TIME/ALARM** (CD/RADIO OFF) button.

SLEEP TIMER

TUNING TO A STATION (see figure 6)

Manual tuning:

1. Press ⏴ / ⏵ briefly to find your station. Repeat until you have found the desired station.

Automatic tuning:

- Press and hold ⏴ / ⏵ until the display frequency starts to change frequency.
- When a station of sufficient strength has been found, tuning will stop. Or you can stop the automatic tuning search by pressing either ⏴ / ⏵ again. Repeat until you have found the desired station.

PRESET STATIONS (see figure 6)

Storing preset stations

You can program up to five radio stations for each band. If you like, you can also replace a preset station with another frequency. The current station will be indicated by a square round the preset number in the display. E.g. [1]

1. Tune to your desired station (see **RADIO RECEPTION**).
2. As soon as you have found your station, press and hold a preset number ①-⑤. Release the number when you hear a double beep confirming that the station has now been set.

Selecting preset stations

- Select and press a preset number, ①-⑤.

SLEEP TIMER (see figure 7)

About SLEEP TIMER

This feature is a built-in timer device which enables the set to be automatically switched off during CD / radio playback, after a set period of time. There are three timer options: 60, 30 and 15 minutes.

Setting SLEEP TIMER

1. Press the **SLEEP TIMER** button rapidly once or more to select your timer options: 60, 30 and 15 minutes.
→ The display will show **SL** : and the timer options briefly.
- **SLEEP** appears when the timer is active.
2. To cancel the timer, you can either press:
 - **TIME/ALARM** (CD/RADIO OFF)
 - **REPEAT ALARM/ BRIGHTNESS CONTROL**

MAINTENANCE

General (see figure 8)

- If you do not intend to use the set for a long time, withdraw the plug from the wall outlet.
- Do not expose the set, to humidity, rain, sand or excessive heat caused by heating equipment or direct sunlight.
- To clean the set, use a soft, dry cloth. Do not use any cleaning agents containing alcohol, ammonia, benzene or abrasives as these may harm the product's surface.

CD player and CD handling (see figure 9)

- The lens of the CD player should never be touched!
- Sudden changes in the surrounding temperature can cause condensation to form and the lens of your CD player to cloud over. Playing a CD is then not possible. Do not attempt to clean the lens but leave the set in a warm environment until the moisture evaporates.
- Always shut the CD door to keep the CD compartment dust-free. To clean, dust the compartment with a soft dry cloth.
- To clean the CD, wipe in a straight line from the center towards the edge using a soft, lint-free cloth. Do not use cleaning agents as they may damage the disc.
- Never write on a CD or attach any stickers to it.

TROUBLESHOOTING

If a fault occurs, first check the points listed below before taking the set for repair. If you are unable to remedy a problem by following these hints, consult your dealer or service center.

WARNING:

Do not open the set as there is a risk of electric shock! Under no circumstances should you try to repair the set yourself, as this will invalidate the warranty.

No sound

- *Volume not adjusted*
- Adjust the VOLUME
- *Headphones are connected*
- Disconnect headphones

No reaction to any operation of the buttons

- *Electrostatic discharge*
- Disconnect the set from the power supply and reconnect the set after 5 minutes.

CD playback does not work

- *CD badly scratched or dirty*
- Replace/ clean CD
- *Laser lens steamed up*
- Wait until lens has adjusted to room temperature
- *Laser lens dirty*
- Clean lens by playing a CD lens cleaning disc
- *CD-R(W) is non-finalized*
- Use a finalized CD-R(W)

Occasional crackling sound during FM broadcast

- *Weak signal*
- Extend coil antenna fully

Continuous crackling/ hiss disturbance during AM broadcast

- *Electrical interference from TVs, computers, fluorescent lamps, etc.*
- Move set away from other electrical equipment

The alarm does not function

- *Alarm mode not selected*
- See chapter on SETTING THE ALARM
- *Alarm time not set*
- See chapter on SETTING THE ALARM.

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

Environmental information

All unnecessary packaging material has been omitted. We have done our utmost to make the packaging easily separable into 2 materials: paper pulp, polyethylene.
Your set consists of materials which can be recycled if disassembled by a specialized company. Please observe local regulations on the disposal of packing materials and old equipment.

AJ3980 CD Clock radio

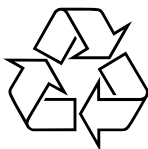
**PHILIPS CONSUMER ELECTRONICS
NORTH AMERICA**

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

English

Français

Español



AJ3980

**CLASS 1
LASER PRODUCT**

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



Printed in China