

Dual Band DAB Pocket Radio

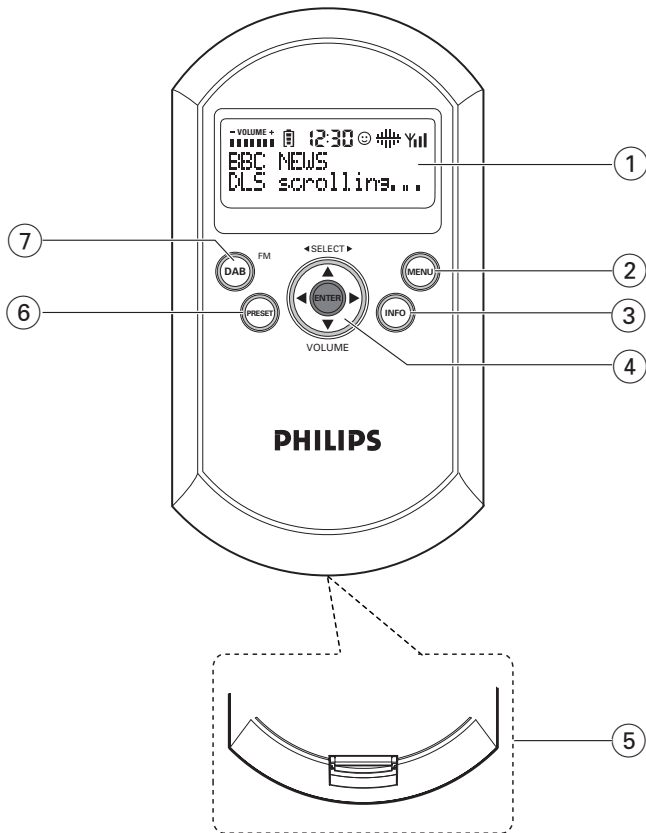
DA1000

User manual
Manuel d'utilisation
Manual del usuario
Benutzerhandbuch
Gebruikershandleiding

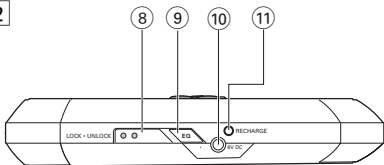


PHILIPS

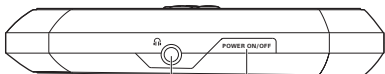
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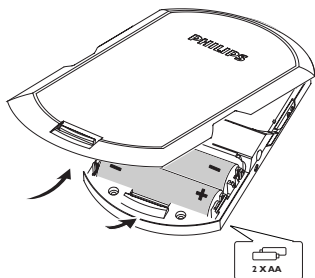


Left hand panel

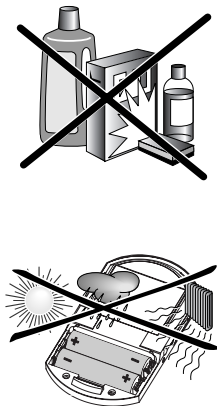


Right hand panel

3



4



English ————— 6

Français ————— 21

Español ————— XX

Deutsch ————— XX

Nederlands ————— XX

English

Français

Español


Deutsch

Nederlands

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Controls (see figure 1)

- ① **Display**
shows station details and operation status
- ② **MENU**
enables access to advanced setup options (for DAB only)
- ③ **INFO**
provides service information in 7 modes (for DAB only)
- ④ **Navigator control**
 - push left/right **SELECT** ◀▶ to scroll radio stations.
 - press **ENTER** to select an option.
 - push up/down **VOLUME** ▲▼ to increase / decrease the volume.
- ⑤ push here to lift and open the door to battery compartment. Insert 2 x rechargeable batteries as indicated.
- ⑥ **PRESET**
saves 10 stations for quick access.
- ⑦ **DAB/FM**
selects **DAB** Band III, Band L and **FM**.
- ⑧ **LOCK•UNLOCK**
adjust slider to select lock function on/ off. **LOCK** activated locks all buttons to prevent accidental operation.
- ⑨ **EQ**
selects from 6 different equalization settings (for DAB only)
- ⑩ **6V DC**
connection for the AC/DC adapter/charger.
- ⑪ **RECHARGE**
lights up during charging of rechargeable batteries.
- ⑫ 
3.5mm headphone socket.
- ⑬ **POWER ON/OFF** switches the radio on/off.

Supplied accessories

- 1 x AC/DC adapter/charger
- 2 x rechargeable batteries, AY3362
- 1 x in-ear headphones, HE570
- 1 x pouch, AY4206

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


PHILIPS reserves the right to make design and specification changes for product improvement without prior notice.

General information


Display screen guide


Icon


 volume (up/ down).


 battery level status.

12:30 selected radio station clock time (DAB only).

 when the station order is set to your most listened to stations.

 current equalizer setting (DAB only).

 signal reception strength when weak.

 signal reception strength when strong.



Safety instructions (see figure 4)

- **To enjoy this product, please read all instructions before operating the set.**
- Do not expose the unit or batteries to humidity, rain, sand or excessive heat (caused by heating equipment or direct sunlight).
- You can clean the radio with a soft, slightly dampened, lint-free cloth. Do not use any cleaning agents as they may have a corrosive effect.
- Active mobile phones in the vicinity of the radio may cause malfunctions.
- Avoid dropping the radio as this may cause damage.
- Do not position the set on top of other equipment that might heat it up.
- 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).

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 and polyethylene.
- 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.

About Digital Audio Broadcasting (DAB)

DAB digital radio is a new way of broadcasting radio via a network of terrestrial transmitters. It provides listeners with more choice and information delivered in crystal clear, crackle-free sound quality.

- The technology allows the receiver to lock on to the strongest signal it can find.
- With DAB digital stations there are no frequencies to remember, and sets are tuned by station name, so there's no retuning on the move.

What is a multiplex?

Digital radio operation is made up of a single block of frequencies called a multiplex. Each multiplex works within a frequency spectrum, such as Band III for DAB broadcasts.



Helpful Hints:

- *If you buy a receiver in the UK it will be designed to pick up DAB signals on Band III only. You will receive only those stations within your transmission area.*

DAB BROADCASTERS AND DLS

Each DAB broadcaster (or multiplex operator) also provides text and audio data services. Some programmes are supported by Dynamic Label Segments (DLS). This is data which you can read as scrolling text on your DAB radio display. Some stations transmit the latest news, travel, and weather, what's on now and next, website addresses and phone numbers.

For more information on digital radio coverage and services, please visit: www.drdb.org

Power Supply

BATTERIES (supplied or optionally available)

You can use the following batteries with Philips' DAB pocket radio.

- rechargeable batteries type AY3362
- alkaline batteries type AA (LR6, UM3) preferably Philips.

Inserting batteries (see figure)

- Open the battery door and insert **2 x AY3362** rechargeable batteries or **2 x AA** batteries with the correct polarity as indicated.

Battery power level indication



Battery full



Battery two-thirds full



Battery one-third full



Battery drained. When the batteries are drained,  flashes.

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

Please ensure that used batteries are disposed of in accordance with local/national legislation. Do not short circuit. Do not dispose of in a fire.

ECO-PLUS NiMH battery information (for versions supplied with the rechargeable ECO-PLUS NiMH battery AY 3362)

Recharging works only on players supplied with the rechargeable ECO-PLUS NiMH battery AY 3362.

Recharging the ECO-PLUS NiMH battery on board

- 1 Insert the rechargeable ECO-PLUS NiMH battery AY 3362.
- 2 Connect the mains adapter to the 6V DC socket of the radio and then to the wall socket.
 - The **RECHARGE** indicator lights up during charging
- Recharging stops after a maximum of 7 hours, or when you switch on the radio.
- 3 When the batteries are fully recharged, the RECHARGE indicator goes out.

✓ Helpful Hints :

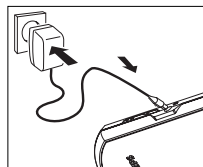
- It is normal for the batteries to become warm during recharging.
- If the batteries become too warm, recharging will be interrupted for approximately 30 minutes .
- To ensure proper recharging on board, take care that contacts are clean.
- Use only the ECO-PLUS NiMH battery AY 3362.

AC ADAPTER/CHARGER (SUPPLIED)

Please use only the adapter/charger supplied with your product. Any other adapter/charger may damage the radio.

You can use the supplied adapter/charger to either:

- operate the radio on AC/DC power (6V direct current, positive pole to the current pin)
- charge the supplied rechargeable batteries on board the radio.



- 1 Make sure the local voltage corresponds to the adapter's voltage.
- 2 Connect the adapter to the 6V DC socket of the radio and to the wall socket.
- 3 If you have inserted rechargeable batteries for recharging, the RECHARGE indicator lights up during charging. When charging is full, the RECHARGE indicator goes out.

✓ Helpful Hints :

- Always disconnect the adapter/charger when you are not using it.
- When charging batteries, do not operate the radio as this will interrupt charging time and the performance of your rechargeable batteries.


The serial and production numbers are located inside the battery compartment.

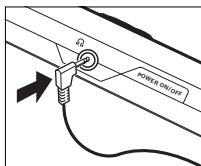
CAUTION

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

Basic functions

HEADPHONES

- Connect the supplied headphones to the  socket of the radio.
- The headphone cable also serves as an aerial. To get optimal signal reception, avoid coiling the headphone cord.



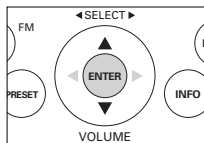
Take care when using headphones

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 accident.

ADJUSTING THE VOLUME

- Adjust the volume by pushing VOLUME ▲/▼ on the navigator control.





ADJUSTING THE EQ SETTINGS (DAB ONLY)


By pressing EQ, you can select one of 6 preset equalizer sound options.

 **Flat** - no eq applied

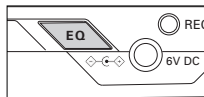
 **Bass** - boosts bass and mid frequencies

 **Monitor** - boosts treble and mid frequencies

 **Studio** - boosts mid frequencies

 **Club** - boosts bass frequencies with some treble


 **Arena** - boosts bass and treble frequencies

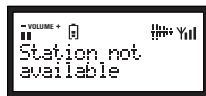
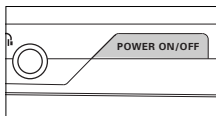


Features

RADIO RECEPTION


With this Dual Band DAB pocket radio, you can tune to both DAB and FM modes. The headphone cable also serves as an aerial.

- 1 Connect the supplied headphones to the  socket of the radio.
- 2 Press and hold **POWER ON/OFF** briefly to switch on the radio.
- 3 The set automatically starts tuning in DAB mode.
 - Display shows **Welcome** followed by **DAB tuning**.
 - The name of the last station detected/selected is shown in the 1st display line;
 The broadcasting text, if available, scrolls in the 2nd display line (DLS in the default setting).
 At the top are shown the volume, battery level, clock, preset EQ and signal strength of the current station.
 - The last detected station plays and the list of available stations is stored.



Helpful Hints :

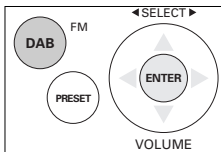
The first time you tune this radio...

- If the tuning fails, the display shows **Station not available** for 5 seconds and  or **SELECT** appears to prompt you to enter **Manual Tune, Local Scan** or **Full Scan** (see chapter **Tuning/retuning**).

DAB/FM, POWER OFF

Next time you tune the radio...

- If the tuning fails, the display shows **No stations available** for 5 seconds and a list of stored stations appears for your selection (see chapter **Selecting a Station**).



Features

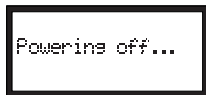
SELECTING DAB/FM

- Press **DAB/FM** once or more to toggle.
- Display shows **FM tuning**.
- FM and station frequency appear in the 1st display line for the detected/selected station.
- The current radio station plays.



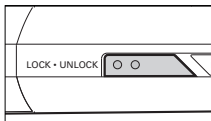
TO SWITCH OFF THE RADIO

- Press and hold **POWER ON/OFF** for **3 seconds**.
- Display shows **Powering off**
- The display backlight goes out.



Helpful Hints :

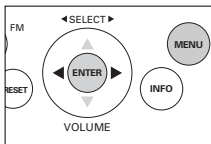
- Activate the **LOCK** function to save battery power and to prevent switching on the set accidentally.
- After you have switched off the radio, adjust the **LOCK•UNLOCK** slider to **LOCK** to activate.



TUNING/RETUNING

In the DAB mode

- 1 Press **MENU** to enter the advanced setup menu.
- 2 Push left/right **SELECT** ◀/▶ once or more and then, **ENTER** to select the tuning options.



Autoscan

Local scan – scans all the local frequencies.

Full scan – scans the full range of DAB frequencies.

- Display shows **Scanning** and the scanning progress bar ■■■■■.
- The number of detected radio stations appears.



✓ Helpful Hints :

- If no station is found during autoscanner, the display will return to **+** **+** or **SELECT, Manual tune**. Select **Manual tune** to tune to a specific frequency.

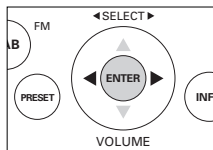


▬ indicates maximum reception during tuning.

□ indicates minimum reception during tuning.

Manual tune

- 1 Push left/right **SELECT** ◀▶ once or more until you stop in the desired frequency.
- 2 Press **ENTER** to confirm.



In FM mode

Manual tune

- 1 Push left/right **SELECT** ◀▶ once or more until you stop in the desired frequency.
- 2 Press **ENTER** to confirm.

SELECTING A STATION

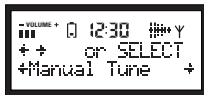
In DAB mode

After your radio has been tuned, you can select a station using the **navigator control**.

- 1 Push left/right **SELECT** ◀▶ once or more to scroll the list of stored stations.
 - 2 When your desired station appears, press **ENTER** to select the station.
- After successful tuning, the display shows the selected station name, scrolling text, volume, battery level, clock, preset EQ and signal reception strength.

✓ Helpful Hints :

- If tuning fails, the display shows **No stations available** and goes to the screen **+** **+** or **SELECT, Manual tune**.
- Select **Manual tune** by pressing **ENTER**.
- A list of stored stations appears.
- Push left/right **SELECT** ◀▶ to go to a new station, and press **ENTER**.
- Display shows the signal reception strength:



▬ indicates maximum reception during tuning.

□ indicates minimum reception during tuning.

Features

In FM mode

To select a station after you have tuned the radio :

- Press **ENTER**.
- Display shows **Searching ...** . To select another station, press **ENTER** repeatedly.



Helpful Hints :

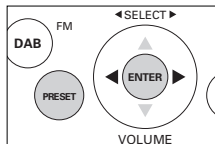
- If no station is selected or no action is executed for more than 5 seconds, the last selected station will continue to play.

SAVING & RECALLING PRESETS

With stations saved as presets, you can quickly access your desired station after the radio is switched on.

Saving a preset

- 1 During playing a station, press **PRESET**.
 - Display shows: current station name at the top display line and free locations at the bottom.
- 2 Push left/right **SELECT** ◀/▶ to find a free location to store your new station. E.g. **Preset 1 free**.
- 3 Press and hold **PRESET**.
 - Display: **Preset X saved** when a station is successfully saved (where **X** denotes a preset station number).



Helpful Hints :

- In the DAB mode, you must save a preset after the stations are sorted by favourites. You can save your favourite stations as presets.

RECALLING A PRESET

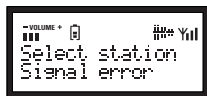
- 1 Press **PRESET**.
→ Display shows: current station name at the top display line and available presets at the bottom.
- 2 Push left/right **SELECT** ◀/▶ once or more to find your desired preset.
- 3 Press **ENTER** to confirm.
→ Your desired preset radio station plays.
→ 😊 appears.



VIEWING THE SERVICE INFO (DAB ONLY)

You can view the DAB service info in the following 7 information modes.

- To scroll through the information options, press **INFO** repeatedly until your desired option appears.
- 1 **DLS** Dynamic Label Segments.
Displays the scrolling broadcasting text (default setting).
 - 2 **Signal error** Displays signal errors.
 - 3 **Bitrate mode** Displays the transmission rate of broadcasting data in bits per second.
 - 4 **Channel & frequency** Displays the channel and frequency of your current service.
 - 5 **Clock** Shows the time of the current multiplex.
 - 6 **Multiplex name** Specifies the multiplex of the current service.
(A multiplex is a group of stations broadcast by a multiplex operator.)
 - 7 **Program type** Describes content type.



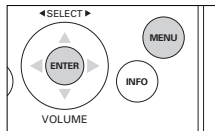
Features

SORTING STATIONS (DAB ONLY)

You can use **MENU** and the **navigator control** to sort and view DAB stations in various list options.

- 1 Press **MENU**.
- 2 Push left/right **SELECT** ◀/▶ and press **ENTER** to select **Station order**.

→ Display shows: **FAV station, Alphanumeric station, Active station or Prune station**.



Alphanumeric (default) Displays all the stations in alphanumeric order.

Fav station Depending on the length of listening time, the radio automatically lists 10 stations you most frequently listen to in alphanumeric order in the 1st display line. 😊 is displayed.

Active station Displays active/inactive stations (active ones at the top and inactive ones bottom).

Prune station Removes inactive stations from the list.

- 3 Push left/right **SELECT** ◀/▶ and press **ENTER** to select your desired option.
- Display shows the stations in the new specified order.

RESETTING

If desired, you can restore your radio to its default setting by using **MENU** and the navigator control.

- 1 Press down **MENU** for more than 2 seconds.
- Display shows: **Press SELECT to confirm reset**.
- 2 Press **ENTER** to confirm resetting.



✓ **Helpful Hints :**

- If you wish to cancel the resetting, press any control for 7 seconds.

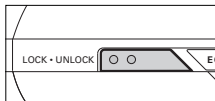
Technical specifications

LOCK•UNLOCK : Locking all buttons

You can lock the buttons of the set by switching the slider to **LOCK**. With Lock activated, you can avoid accidental action of other functions, and help save battery power (accidental switching on).



- 1 Adjust the slider to **LOCK** to activate.
→ All buttons are locked. **Key lock ON** is shown when you press any button. If the set is powered off, **Key lock ON** will only be shown when the set has been powered on.
- 2 To deactivate, switch the slider to **UNLOCK**.



TECHNICAL SPECIFICATIONS

General Stereo digital radio (stereo output possible with auxiliary speaker) with full Band III and Band L reception capability. Fully compliant with ETS300 401 and capable of decoding all DAB transmission modes 1-4. Analogue stereo output and headphone socket.

Power Supply 230V AC to 6V DC external power adapter.

Approvals CE marked. Compliant with the EMC and Low Voltage Directives (89/336/EEC and 73/23/EEC)

Dimensions 60mm x 111.2mm x 21mm

Weight 92.4gram

Battery playtime up to 10 hours (FM)

Troubleshooting

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

The radio has no power

- Check that your batteries are not drained, that they are inserted correctly, that the contact pins are clean.
- Your adapter connection may be loose. Connect it securely.

The indication "No station available" is displayed

- You may have moved to a new area which is blocking the range of the transmitter. Autoscan your radio and refresh the list of stations in service (see chapter **Tuning/retuning**, local scan/full scan).
- The station is out of service. In the DAB mode, search for a new station in the station list (see chapter **Selecting a station**). In FM mode, press **ENTER** to select a new station.

The indication "Station off air" is displayed

- The station is out of service. The radio will wait until the service resumes. You can also tune to a new station.

No sound is heard

- Check that the headphones is connected and you allow the headphone cord to hang freely.
- Check that the volume level is not too low.
- Adjust the position of the radio to obtain better signal reception.
- The station is currently out of service. Wait until the service resumes, or tune to a new station.

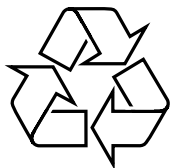
No response to buttons or the set 'hangs'

- Electrostatic discharge. Remove batteries for 1 minute, replace batteries then switch on again.
- LOCK activated. Adjust lock slider to **UNLOCK**.

DAB

Digital Audio Broadcasting

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



DA1000



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