

Register your product and get support at

www.philips.com/welcome

AJB1002



EN User manual

PHILIPS

1 Important

Safety

- 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 Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- ⑩ Only use attachments/accessories specified by the manufacturer.
- ⑪ Unplug this apparatus during lightning storms or when unused for long periods of time.
- ⑫ 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.

- ⑬ **Battery usage CAUTION – To prevent battery leakage which may result in bodily injury, property damage, or damage to the unit:**
- Install the battery correctly.
 - Remove the battery when the unit is not used for a long time.
- ⑭ **Apparatus shall not be exposed to dripping or splashing.**
- ⑮ **Do not place any sources of danger on the apparatus (e.g. liquid filled objects, lighted candles).**
-

Notice

This product complies with the radio interference requirements of the European Community.



Any changes or modifications made to this device that are not expressly approved by Philips Consumer Lifestyle may void the user's authority to operate the equipment.

Your product is designed and manufactured with high quality materials and components, which can be recycled and reused.



When this crossed-out wheeled bin symbol is attached to a product it means that the product is covered by the European Directive 2002/96/EC.



Please inform yourself about the local separate collection system for electrical and electronic products.

Please act according to your local rules and do not dispose of your old products with your normal household waste. Correct disposal of your old product helps to prevent potential negative consequences for the environment and human health.

Your product contains batteries covered by the European Directive 2006/66/EC, which cannot be disposed with



normal household waste. Please inform yourself about the local rules on separate collection of batteries because correct disposal helps to prevent negative consequences for the environmental and human health.

Environmental information

All unnecessary packaging has been omitted. We have tried to make the packaging easy to separate into three materials: cardboard (box), polystyrene foam (buffer) and polyethylene (bags, protective foam sheet.)

Your system consists of materials which can be recycled and reused if disassembled by a specialized company. Please observe the local regulations regarding the disposal of packaging materials, exhausted batteries and old equipment.

2 Your Clock Radio

Congratulations on your purchase, and welcome to Philips! To fully benefit from the support that Philips offers, register your product at www.philips.com/welcome.

Introduction

With this unit, you can:

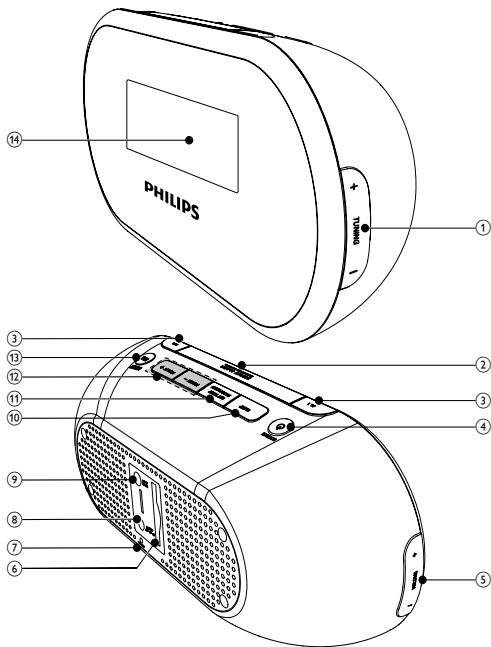
- listen to FM/DAB (Digital Audio Broadcasting) radio
 - wake-up by buzzer alarm or DAB/FM radio
 - enjoy audio from external devices
-

What's in the box

Check and identify the contents of your package:

- Main unit (with a battery)
- AC power adapter
- MP3 link cable (x 1)
- User manual

Overview of the main unit



- ① **+ TUNING -**
 - Tune to radio stations.
- ② **REPEAT ALARM/BRIGHTNESS CONTROL**
 - Repeat alarm.
 - Adjust display brightness.
- ③ **AL 1/AL 2**
 - Set alarm.
 - Activate/deactivate alarm timer.
- ④ **①/SOURCE**
 - Turn on/off the unit.
 - Select a source: FM/DAB tuner or MP3 link.
- ⑤ **- Volume +**
 - Adjust volume.
- ⑥ **Battery compartment**
- ⑦ **FM ANT**
 - Improve FM reception.
- ⑧ **DC 5V**
 - Connect power.
- ⑨ **MP3-LINK**
 - Connect external audio device.
- ⑩ **SLEEP**
 - Set sleep timer.
- ⑪ **SET TIME/PROG/MENU**
 - Set clock.
 - Program radio stations.
 - Access DAB menu.
- ⑫ **PRESET +/RRESET -**
 - Select a preset radio station.
- ⑬ **ENTER/DISPLAY**

- Show current status.
- Switch between mono and stereo broadcast.
- Confirm a selection.

14 Display panel

3 Get started



Caution

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

Always follow the instructions in this chapter in sequence.

If you contact Philips, you will be asked for the model and serial number of this apparatus. The model number and serial number are on the rear of the apparatus. Write the numbers here:

Model No. _____

Serial No. _____

Install battery

The unit has a pre-installed lithium CR2025 battery to back up clock setting.



Caution

- Risk of explosion! Keep batteries away from heat, sunshine or fire. Never discard batteries in fire.
- Risk of product damage! When the apparatus is not used for long periods, remove the battery.
- The battery contains chemical substances, so it should be disposed of properly.
- The battery can not be used as power supply of this unit.

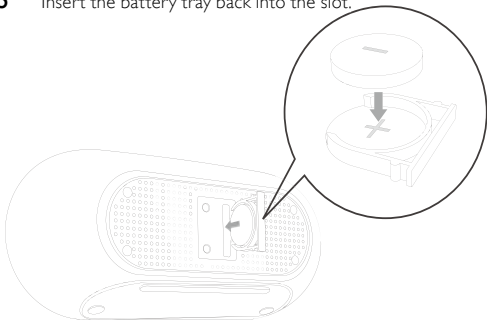
For first-time use:

- 1 Remove the protective tab to activate the battery.

To replace the battery:

When the clock is not accurate although you have set it correctly, replace the battery.

- 1 Pull out the battery tray and remove the old battery.
- 2 Place a new lithium CR2025 battery into the battery tray with correct polarity (+/-) as indicated.
- 3 Insert the battery tray back into the slot.



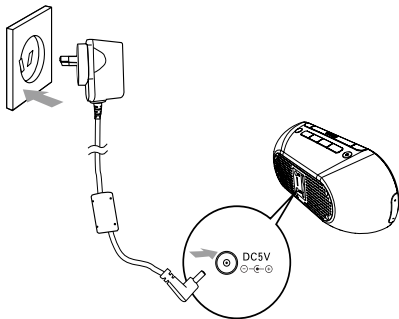
Connect power



Caution

- Risk of product damage! Ensure that the power voltage corresponds to the voltage printed on the back or the underside of the apparatus.
- Risk of electric shock! When you unplug the AC power cord, always pull the plug from the socket. Never pull the cord.
- Before connecting the AC power cord, ensure that you have completed all other connections.

- 1 Connect the power adapter to
 - the **DC 5V** socket on the back of the main unit.
 - the power socket.



Turn on

- 1 Press **⏻** to turn on the unit.
- 2 Press **⏻** repeatedly to switch between standby mode and different sources (FM/DAB/ MP3-LINK).
 - ↳ The time and date (if set) are displayed.

To switch the unit to standby mode:

- 1 Press **⏻** for 3 seconds.

Set clock

- 1 In standby mode, press **SET TIME** for over 3 seconds.
 - ↳ **[SYNC ONLY]** is displayed.
- 2 Press **PRESET +/RRESET -** to select **[Y]** (Yes) or **[N]** (No).
 - If **[Y]** is selected, the clock of the unit synchronizes with that of DAB station.
- 3 Press **SET TIME** to confirm.
 - ↳ The hour format begins to blink.
- 4 Repeat steps 2-3 to set 12/24-hour format, hour, minute, year, month, and day in sequence.



Tip

- If no button is pressed in one minute, the system exits clock setting mode.

4 Listen to DAB radio

Tune to DAB radio station

Digital Audio Broadcasting (DAB) is a way of broadcasting radio digitally through a network of transmitters. It provides you with more choice, more information and better sound quality.

- 1 Press **SOURCE** repeatedly to select **DAB**.
 - ↳ The radio begins to scan DAB radio stations automatically. When scan is complete, the unit tunes to the first available station.
 - ↳ If no DAB station is found, **[No DAB Station]** appears, then **[Manual tune]** is displayed.
-

Access DAB menu

- 1 In DAB mode, press **MENU** to activate DAB menu.
 - 2 Press **+ TUNING -** to navigate through the options.
 - 3 To select an option, press **ENTER**.
 - 4 Repeat steps 2-3 if sub-option is available under one option.
-

Option	Function
[Manual tune]	To tune to a specific channel manually.
[Autoscan full]	To perform full scan to search for DAB radio stations.
[DRC value]	To add or remove a degree of compensation for audio performance.
[Factory Reset]	To restore default settings.
[SW version]	To display software version.

[Manual tune]

- 1 In DAB mode, press **MENU** until [**Manual tune**] is displayed, then press **ENTER** to confirm.
↳ A channel and its frequency appear on the display.
- 2 Press **+ TUNING -** repeatedly to tune to your desired station.
- 3 Press **ENTER** to confirm.

[DRC value]

- [**DRC off**]: DRC (Dynamic Range Control) is switched off.
- [**DRC high**]: DRC is switched on (the default option recommended for noisy environment).
- [**DRC low**]: DRC is set to half normal level.

Store DAB radio stations in memory

You can store up to 20 DAB radio stations in preset channel.

- 1 Tune to a DAB radio station.
- 2 Press **PRESET +/RRESET -** repeatedly to select a preset number.
- 3 Press **PROG** to confirm.
- 4 Repeat steps 2-3 to store more DAB radio stations.



Note

- To remove a pre-stored DAB radio station, store another station in its place.
- The system will exit storing mode if no button is pressed within 30 seconds.

Select a preset DAB radio station

- 1 In DAB mode, press **PRESET +/RRESET -** to select a preset number.

Show DAB information

- 1 While listening to DAB radio, press **DISPLAY** repeatedly to scroll through the following information (if available):
 - ↳ Dynamic label segment (DLS)
 - ↳ Program type (PTY)
 - ↳ Ensemble Name
 - ↳ Channel and frequency
 - ↳ Signal error rate
 - ↳ Bit rate and audio status
 - ↳ Time/date

5 Listen to FM radio

Tune to FM radio station



Note

- For optimal reception, fully extend and adjust the position of the antenna.

- 1 Press **SOURCE** repeatedly to select FM tuner.
 - ↳ **[FM]** and current radio frequency are displayed.
- 2 Press and hold **+ TUNING -**.
- 3 When the frequency starts to change, release the button.
 - ↳ The FM tuner tunes to a station with strong reception automatically.
- 4 Repeat steps 2-3 to tune to more stations.

To tune to a weak station:

- 1 Press **+ TUNING -** repeatedly until you find optimal reception.

Store FM radio stations automatically



Note

- You can store a maximum of 20 preset radio stations.

- 1 Press **SOURCE** repeatedly to select FM tuner.
- 2 Press **PROG** for over 3 seconds.
 - ↳ All available stations are stored in the order of waveband reception strength.
 - ↳ The first stored radio station broadcasts automatically.

Store FM radio stations in memory

- 1 Tune to an FM radio station.
- 2 Press **PROG**.
 - ↳ The preset channel number is displayed.
- 3 Press **PRESET +/PRESET -** repeatedly to select a preset number.
- 4 Press **PROG** to confirm.
- 5 Repeat steps 1-4 to store more stations.



Note

- To remove a pre-stored FM radio station, store another station in its place.
- If no button is pressed within 30 seconds, the system exits storing mode automatically.

Select a preset FM radio station

- 1 In FM tuner mode, press **PRESET +/RRESET -** to select a preset number.

Select stereo/mono broadcast



Note

- For stations with weak signals, to improve the reception, change to monaural sound.

- 1 In FM tuner mode, press and hold **ENTER** to switch between mono and stereo broadcast.

6 Other features

Set alarm



Warning

- Ensure that you have set the clock correctly.

- 1 Press **AL 1** or **AL 2** for over 2 seconds.
- 2 Press **PRESET +/PRESET -** to select your desired alarm source: FM/DAB Radio or Buzzer.
- 3 Press **AL 1** or **AL 2** to confirm.
↳ The hour digits begin to blink.
- 4 Repeat steps 2-3 to set the hour, minute and alarm volume level.



Note





- If no button is pressed in one minute, the system exits alarm setting mode.

Activate/Deactivate alarm timer



Note

- Ensure that you have already set the alarms successfully.

- 1 Press **AL1** or **AL2** repeatedly.
 - ↳ If the alarm timer is activated,  or  appears.
 - ↳ If the alarm timer is deactivated,  or  disappears.

Snooze alarm

- 1 When the alarm sounds, press **REPEAT ALARM/ BRIGHTNESS CONTROL**.
 - ↳ The alarm sounds again 9 minutes later.
 - ↳ The alarm icon begins to blink.



Note

- If no button is pressed in 30 minutes, the alarm stops ringing automatically.

Stop alarm sound

- 1 When the alarm sounds, press the corresponding **AL1/AL2**.
 - ↳ The alarm stops but the alarm settings remain.

Set sleep timer

The unit can switch to standby mode automatically after a period.

- 1 Press **SLEEP** repeatedly to select time period.
 - ↳ **zZ** is displayed.
 - ↳ The volume decreases gradually in the last 5 minutes.

To turn off the sleep timer:

- 1 Press **SLEEP** repeatedly until [**Sleep off**] is displayed.
 - ↳ **zZ** disappears.

Adjust display brightness

- 1 Press **REPEAT ALARM/BRIGHTNESS CONTROL** repeatedly to select different brightness levels of the display:
 - Full brightness
 - Half brightness
 - Backlight off

Listen to external audio device

With this unit, you can enjoy audio from an external device.

- 1 Connect the supplied MP3 link cable to:
 - the **MP3-LINK** socket on the back of this unit
 - the output socket of the external device.
- 2 Press **SOURCE** repeatedly to select **MP3-LINK**.
 - ↳ [**MP3-Link**] is displayed.
- 3 Press **- VOLUME +** repeatedly to adjust volume.

7 Product information



Note

- Product information is subject to change without prior notice.

Specifications

Tuner (FM)

Tuning Range	87.5 - 108MHz
Tuning grid	50KHz
Sensitivity - Mono, 26dB S/N Ratio	<22 dBf
Search Selectivity	>28dBf
Total Harmonic Distortion	<3%
Signal to Noise Ratio	>50dB

General information

AC Power	Input: 220 - 230 V, 50 Hz
Operation Power Consumption	3.0 W
Dimensions	
- Main Unit (W x H x D)	207 x 60 x 88 mm
Weight	
- With Packing	0.53kg
- Main Unit	0.4kg

8 Troubleshooting



Caution

- Never remove the casing of this apparatus.

To keep the warranty valid, never try to repair the system yourself. If you encounter problems when using this apparatus, check the following points before requesting service. If the problem remains unsolved, go to the Philips web site (www.philips.com/support). When you contact Philips, ensure that your apparatus is nearby and the model number and serial number are available.

No power

- Ensure that the Mains cord is connected securely.
- Ensure that there is power at the AC Mains.

No sound

- Adjust the volume.

No response from the unit

- Disconnect and reconnect the AC power plug, then turn on the unit again.

Poor radio reception

- Increase the distance between the apparatus and your TV or VCR.
- Fully extend the antenna.

Timer does not work

- Set the clock correctly.
- Switch on the timer.

Clock/timer setting erased

- Replace the battery.
- Power has been interrupted or the power plug has been disconnected.
- Reset the clock/timer.



sense and simplicity

**PHILIPS CONSUMER ELECTRONICS
WARRANTY POLICY FOR AUSTRALIA**

Effective 1st July 2009

Philips provides its Consumer Electronics products with a 1 Year Manufacturers Warranty.

The benefits given to the purchaser by this warranty are in addition to all other rights and remedies, which the purchaser has in respect of the product under the Trade Practices Act or other Commonwealth or State Law.

The conditions contained in this warranty replace and override the provision of the Philips World-Wide Guarantee for products purchased in Australia and used in Australia.

Please record the following information for your records and keep in a safe place. It is essential that you retain your original purchase receipt to make a warranty claim.

Model number :

Serial number :

Date of purchase :

Retailer :

If you require assistance with the operation of the product, its features or specifications, you may call the **Philips Technology Care Centre on 1300 363 391** where support is provided by our trained staff.

If the product fails within 12 months from the date of purchase, please return the faulty product to the place of purchase.

Conditions of Warranty

- a. All claims for warranty can only be made at the place of purchase and a copy of the purchase receipt is required for any warranty claim.
- b. The warranty period is valid from the original date of purchase of the product.
- c. This warranty extends only to defects in material or workmanship occurring under normal use of the product when operated in accordance with the instructions.
- d. Philips may, at its discretion choose to repair rather than replace this product.
- e. If a replacement product is supplied, it is warranted for the remainder of the warranty period, from the original date of purchase.
- f. This Manufacturers Warranty is limited to 3 months for products used in commercial applications.
- g. Product accessories are covered by the same warranty period. If an accessory is faulty, please contact the Philips Technology Care Centre on 1300 363 391.
- h. This Manufacturers Warranty is neither transferable nor valid in countries other than Australia.

This Warranty does not cover:

- a. Service costs arising from failure to correctly adjust the controls of the product or to observe the instructions, or inspections that reveal that the product is in normal working order.
- b. Product failures caused by misuse, neglect, accidental breakage, transit damage, un-authorised repairs or modification by un-authorised persons, external fires, lightning strikes, floods, vermin infestation or liquid spillage.

- c. Reception problems, replacement of worn or used batteries or other consumables.
- d. Second hand products or refurbished products.
- e. Products failure, caused by other products.

Version 1.3: 1st July 2009

NEW ZEALAND-Guarantee and Service for New Zealand

Thank-you for purchasing this quality Philips product.

Philips New Zealand Ltd guarantees this product against defective components and faulty workmanship for a period of 12 months.

Any defect in materials or workmanship occurring within 12 months from the date of purchase subject to the following conditions will be rectified free of charge by the retailer from whom this product was purchased.

Conditions

1. The product must have been purchased in New Zealand. As proof of purchase, retain the original sales docket indicating the date of purchase.
2. The guarantee applies only to faults caused by defective components or faulty workmanship on the part of the manufacturer.
3. The guarantee does not cover failures caused by misuse, neglect, normal wear and tear, accidental breakage, use on the incorrect voltage, use contrary to operating instructions, or unauthorised modification to the product or repair by an unauthorised technician.

4. Reasonable evidence (in the form of a sales docket) must be supplied to indicate that the product was purchased no more than 12 months prior to the date of your claim.
5. In the event of a failure, Philips shall be under no liability for any injury, or any loss or damage caused to property or products other than the product under guarantee.

This guarantee does not prejudice your rights under common law and statute, and is in addition to the normal responsibilities of the retailer and Philips.

How to claim

Should your Philips product fail within the guarantee period please return it to the retailer from whom it was purchased. In most cases the retailer will be able to satisfactorily repair or replace the product. However should the retailer not be able to conclude the matter satisfactorily, or if you have other difficulties claiming under this guarantee, please contact

**The Guarantee Controller
Philips New Zealand Ltd.**

✉ **PO. Box 41.021**

Auckland

☎ **(09) 84 94 160**

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