### www.philips.com/welcome



User manual

## **PHILIPS**



© 2011 Koninklijke Philips Electronics N.V. All rights reserved DCB242 79 UM V1.0



### 1 Important



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

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

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

## DCB242 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) 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
- $\widehat{\mbox{\scriptsize (1)}}\mbox{\ }$  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.
- (3) Battery usage CAUTION To prevent battery leakage which may result in bodily injury, property damage, or damage to
- Install all batteries correctly, + and as marked on the unit.
  - Do not mix batteries (old and new or carbon and alkaline, Remove batteries 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).
- (16) Batteries (battery pack or batteries installed) shall not be exposed to excessive heat such as sunshine, fire or the like.
- (17) Where the plug of the Direct Plug-in Adapter is used as the disconnect device, the disconnect device shall remain readily



- Never remove the casing of this apparatus.
- Never lubricate any part of this apparatus.
   Never place this apparatus on other electrical equipment
- Keep this apparatus away from direct sunlight, naked flames or heat. Ensure that you always have easy access to the power cord, plug or adaptor to disconnect the apparatus from the power

#### 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

#### Recycling



Your product is designed and manufactured with high quality materials and components, which can be recycled and reused. When you see the crossed-out wheel bin symbol attached to a product, it means the product is covered by the European Directive 2002/96/FC·



Never dispose of your product with other household waste. Please inform yourself about the local rules on the separate collection of electrical and electronic products. The correct disposal of your old product helps prevent potentially negative consequences on the environment and human health.

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



Please inform yourself about the local rules on separate collection of batteries. The correct disposal of batteries helps prevent potentially negative consequences on the environment 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

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.

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# 2 Your Docking Entertainment

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

### Introduction

With this unit, you can enjoy audio from the iPod, iPhone, other audio devices, or the FM/DAB+ radio.

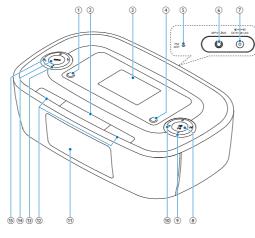
The radio, iPod, or iPhone can be set as the alarm timer: You can set two alarm timers to go off at different time.

### What's in the box

Check and identify the contents of your package:

- 1 x Main unit 1 x Remote contro
- 1 x Power adaptor
- 1 x MP3 link cable
- 1 x User manual
- 1 x Quick start guide

### Overview of the main unit



- Turn on the unit or switch to standby mode
- (2) REPEAT ALARM/BRIGHTNESS CONTROL Repeat the alarm
  - · Adjust the display brightness.
- 3 Dock for iPod/iPhone
- Load an iPod/iPhone
- 4 SOURCE
- Select a source: iPod/iPhone, DAB+/FM tuner, or MP3 link.

### 5 FM antenna

Improve FM reception

- (6) MP3-LINK
  - lack for an external audio device
- (7) DC 9V

Power supply socket

- (8) OK/►
  - Start or pause iPod/iPhone play. Confirm selection

#### 9 PRESET + ▲/PRESET - ▼

- Select a preset radio station
- Navigate through the iPod/iPhone menu. Adjust time

### (10) TUNING - I◀/TUNING + ▶I

- Skip to the previous/next audio file. Search within an audio file.
  - Tune to a radio station.

#### 11) Display panel · Show the current status.

(12) AL1/AL2

- Set the alarm timer. Turn off the alarm tone
- View alarm settings. (13) VOL +▲/VOL -▼

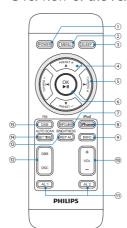
## 14 MENU

Select the iPod/iPhone menu

#### • Select the FM/DAB+ menu. (15) SET TIME/AUTO SCAN ◀/SLEEP▶

- Scan radio stations automatically
- Set the sleep timer.

#### Overview of the remote control



1 POWER

Turn on the unit or switch to standby mode 2 MENU

### Select the iPod/iPhone menu

3 SLEEP

#### Set the sleep timer. (4) PRESET + ▲/PRESET - ▼

Adjust time

- Select a preset radio station Navigate through the iPod/iPhone menu.
- (5) TUNING I◀/TUNING + ▶I Skip to the previous/next audio file.
  - Search within an audio file.
  - Tune to a radio station.
- Adjust time

#### (6) OK/**▶**■ Start or pause iPod/iPhone play.

Confirm selection.

7 MP3 LINK

## Select external audio device source.

(8) iPod/iPhone • Select iPhone or iPod source.

#### 9 INFO

Select different types of DAB+ station information. In FM mode, select RDS information.

#### (10) + VOL -

 Adjust volume (11) AL 1/AL 2

#### Set the alarm timer

- Turn off the alarm tone View alarm settings.
- 12 DBB

Turn on or off dynamic bass enhancement. DSC

Select a preset sound setting

#### (13) REP AL/BRIGHTNESS Adjust the display brightness.

- Repeat the alarm
- (14) SET TIME/AUTO SCAN Set the time and date.

Scan radio stations automatically Select the FM tuner/DAB+ source.

### Get started

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

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:

## Serial No.



Model No.

Install batteries

You can only use AC power as power supply. Batteries (not supplied) are for backup purpose



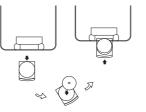
- Open the battery compartment
- Insert 3 x AA batteries with correct polarity (+/-) as indicated. Close the battery compartment.

### Prepare the remote control

## Caution

Risk of explosion! Keep batteries away from heat, sunshine or fire. Never discard batteries in fire

1 Remove the protective tab to activate the remote control



- Open the battery compartment.
- Insert one lithium CR2025 battery with correct polarity (+/-) as
- **3** Close the battery compartment.



Before you press any function button on the remote control, first select the correct source with the remote control instead of the main unit.

### Connect power



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



The type plate is located on the bottom of the main unit

- 1 Connect the AC power adaptor to: the DC socket on the main unit the power socket.

## Set time and date

- In standby mode, press and hold **SET TIME/AUTO SCAN** for 2
  - → [SYNC ON] is displayed and [ON] begins to blink.
- Press **PRESET + ▲/PRESET ▼** to select ON or OFF. → If you select [ON], the unit reads the DAB+ or iPod/iPhone time and sets the clock automatically
- Press SET TIME/AUTO SCAN to confirm. The time format
- [24H] or [12H] begins to blink Press **PRESET + ▲/PRESET - ▼** to select 24H or 12H. Press **SET TIME/AUTO SCAN** to confirm. The hour digits begin
- Repeat steps 4-5 to set the hour, minute, year, month, and day.



The accuracy of the transmitted time depends on the DAB+ station or the docked iPod/iPhone that transmits the time signal.

## Turn on

1 Press POWER on the remote control. → The unit switches to the last selected source

#### Switch to standby

Press POWER again to switch the unit to standby mode. → The time and date (if set) appear on the display panel.

## 4 Play

#### Play from iPod/iPhone

You can enjoy audio from iPod/iPhone through this unit.

### Compatible iPod/iPhone

Apple iPod and iPhone models with a 30-pin dock connector:

- iPod touch (1st, 2nd, 3rd, and 4th generation)
- iPod classic
- iPod with video
- iPod nano (1st, 2nd, 3rd, 4th, 5th, and 6th generation)
- iPod with color display
- iPod mini
- iPhone 4
- iPhone 3GS
- iPhone 3G iPhone

#### Listen to the iPod/iPhone

1 Lift up the iPod/iPhone dock cover on the top panel.



2 Place the iPod/iPhone into the dock.



- 3 Press iPod/iPhone on the remote control to select iPod/iPhone
- → The connected iPod/iPhone plays automatically.
- To pause/resume play, press **OK**/**▶II**. To skip to a track, press TUNING - I◀/TUNING + ▶I on
- To search during play, press and hold TUNING I TUNING + I, then release to resume normal play. To go back to the previous iPod/iPhone menu, pres
- MENU. To scroll through the menu, press PRESET + ▲/ PRESET - ▼. To confirm a selection, press OK/▶■■. → If no key is pressed for more than 10 seconds, **OK/**▶ ■ acts

## Charge the iPod/iPhone

back as the play/pause key

When the unit is connected to power, the docked iPod/iPhone begins to charge

## For certain iPod models, it may take up to a minute before the

Play from an external device

You can also listen to an external audio device through this unit Press MP3 LINK to select the MP3 link source.

the MP3 LINK jack (3.5mm) on the back of the unit. the headphone jack on an external device.

## 3 Start to play the device (see the device user manual).

5 Listen to radio

2 Connect the supplied MP3 link cable to:

## Listen to Digital Audio Broadcasts (DAB+)

Digital Audio Broadcasting (DAB+), is a way of broadcasting radio digitally through a network of transmitters. It provides you with more choice, better sound quality, and more information. 1 Press FM/DAB repeatedly to select DAB+.

→ The unit automatically scans DAB+ radio stations. The unit stores all available DAB+ radio stations and then broadcasts

the first available station

- → If no DAB+ service is available, [NO SERV] is displayed.
- Scan DAB+ radio stations automatically

### You can perform full scan to search for DAB+ radio stations.

1 In DAB+ mode, press and hold SET TIME/AUTO SCAN for

→ The unit scans all available DAB+ radio stations and broadcasts the first available station

#### Program DAB+ radio stations manually

- Tune to a DAB+ radio station.
- 2 Press SET TIME/AUTO SCAN to activate the program mode.
- 3 Press TUNING I◀/TUNING + ▶I to select a number.
- Press SET TIME/AUTO SCAN to confirm
- 5 Repeat the above steps to program other stations.

• To overwrite a programmed station, store another station in its

#### Listen to a preset DAB+ radio station

- 1 In DAB+ mode, press TUNING I◀/TUNING + ▶I to select a DAB+ radio station.
- 2 Press OK/►II to confirm



If there is no DAB+ radio station available, steps mentioned above

### Show DAB+ information

- 1 During listening to DAB+ radio, press **INFO** repeatedly to scroll through the following information (if available).

  Dynamic Label Segment (DLS)
- → Signal strength
- → Program type (PTY) → Ensemble Name
- → Channel and frequency
- → Signal error rate
- → Bit rate and audio status
- → Date

### Perform more functions through DAB+ menu

- 1 In DAB+ mode, press and hold MENU to enter the DAB+
- 2 Press TUNING I◀/TUNING + ▶I to select:
- [MANUAL] (tune manually)
- [SCAN] (tune automatically) [DRC] (dynamic range control)
- [TUNERRST] (tuner reset)
- [VERSION] (display software version)
- 3 If you select [DRC], press OK/▶■ to confirm, and then press TUNING - I◀/TUNING + ►I to select:
- [DRC 0]: Dynamic Range Control is switched off.
- [DRC 1/2]: Dynamic Range Control is set to half normal
- [DRC 1]: Dynamic Range Control is switched on; the default setting recommended for noisy environment.
- 4 Press OK/►II to confirm.

### To reset the tuner:

- 1 Follow steps 1-2 above to select [TUNERRST].
- 2 Press OK/► II to confirm, and then press TUNING I◀/ TUNING + ▶ to select:
- [NO]: Cancel. IYES1: Reset the tuner
- 3 Press OK/►II to confirm.



• If no button is pressed within 10 seconds, the menu exits.



Dynamic range control (DRC) adds or removes a degree of compensation for the differences in the dynamic range between radio stations.

#### Listen to FM radio

### Tune to a radio station



- Position the antenna as far as possible from TV, VCR or other
- For optimal reception, do not place iPod/iPhone into the dock when you listen to the radio



- · For optimal reception, fully extend and adjust the position of the
- 1 Press FM/DAB to select FM tuner.
- 2 Press and hold TUNING I◀/TUNING + ▶I for more than 2

- automatically
- Repeat step 2 to tune to more stations.
  - To tune to a weak station, press TUNING I TUNING + I repeatedly until you find optimal reception.

#### Program radio stations automatically

You can program a maximum of 20 preset radio stations.

- 1 In the tuner mode, press and hold SET TIME/AUTO SCAN for more than 2 seconds to activate automatic program mode
- → All available stations are programmed in the order of

#### Program FM radio stations manually

waveband reception strength.

You can program a maximum of 20 preset radio stations.

- Tune to a radio station.
- Press SET TIME/AUTO SCAN to activate the program mode
- Press TUNING I◀/TUNING + ▶I to select a number.
- Press **SET TIME/AUTO SCAN** to confirm. 5 Repeat the above steps to program other stations

To overwrite a programmed station, store another station in its place.

#### Listen to a preset radio station

1 In tuner mode, press PRESET + ▲/PRESET - ▼ to select a

#### Show RDS information

RDS (Radio Data System) is a service that allows FM stations to show additional information. If you tune to a RDS station, the station

- Tune to a RDS station.
- Press INFO repeatedly to scroll through the following information (if available):
- → Station name
- → Radio text messages
- $\quad \boldsymbol{\mapsto} \quad \text{Program type such as [NEWS] (news(, [SPORT] \text{ (sport)},} \\$ [POP M] (pop music)...
- → Frequency

## Other features

#### Set the alarm timer

You can set two alarms which go off at different time.

- 1 Ensure that you have set the clock correctly. (See "Get started -Set time and date".) 2 Press and hold AL1 or AL2 for 2 seconds.
- → The [AL1] or [AL2] icon and the hour digits begin to blink. Press TUNING - I◀/TUNING + ▶ I to set the hour.
- 4 Press Al 1 or Al 2 to confirm
- → The [AL1] or [AL2] icon and the minute digits begin to blink. Repeat steps 3-4 to set the minute.
- Repeat steps 3-4 to select whether to ring alarm the whole week, on weekdays, or at weekend.
- Repeat steps 3-4 to select an alarm sound source: Buzzer, iPhone, FM, or DAB+.
- 8 Repeat steps 3-4 to set the alarm volume.

#### Turn on/off the alarm timer



- Ensure that you already set the alarms successfully.
- Press AL1/AL2 to turn on or off the alarm timer.
- → If the alarm timer is turned on, the alarm icon appears.

#### Repeat alarm

- 1 When the alarm rings, press REP AL/BRIGHTNESS.
- → The alarm repeats ringing minutes later.



 You can press TUNING - I ▼TUNING + I to adjust interval (5-30) minutes) to repeat alarn

### Stop alarm ring

1 When the alarm rings, press the corresponding AL1 or AL2. → The alarm stops but the alarm settings remain

### View the alarm settings

1 Press AL1 or AL2.

### Set the sleep timer

This unit can switch to standby automatically after a set period of time

- 1 Press SLEEP repeatedly to select a set period of time (in
  - → When the sleep timer is activated, the display shows z<sup>Z</sup>.

#### To deactivate sleep timer

display.

1 Press SLEEP repeatedly until [OFF] (off) is displayed. → When the sleep timer is deactivated, zZ disappears on the

### Adjust display brightness

Press REP AL/BRIGHTNESS repeatedly to select different levels of display brightness

## 7 Adjust sound

### Adjust volume level

1 During play, press + VOL - to increase/decrease the volume

### Select a preset sound effect

- 1 During play, press DSC repeatedly to select: [POP] (pop)
  - [CLASSIC] (classic)
  - [JAZZ] (jazz)
  - [FLAT] (flat)
- [ROCK] (rock)

### Enhance bass

- 1 During play, press DBB to turn on or off dynamic bass
- → If DBB is activated, [DBB] is displayed.

## Product information



• Product information is subject to change without prior notice.

### **Specifications**

Amplifier	
Rated Output Power	2 x 5 W RMS
Frequency Response	20 -20000 Hz, -3dB
Signal to Noise Ratio	>67 dB
Total Harmonic Distortion	<1%
Aux Input (MP3 link)	0.5 V RMS 20 kohm

Tuner (FM)	
Tuning range	87.5 - 108 MHz
Tuning grid	50 KHz
Sensitivity - Mono, 26dB S/N Ratio - Stereo, 46dB S/N Ratio	<22 dBu <43 dBu
Search Selectivity	>28 dBf
Total Harmonic Distortion	<2%

### Tuner (DAB+)

Signal to Noise Ratio

OAB+ tuning range	174.92 - 239.20 MHz

### General information

AC power (Power adaptor)	Input: 100-240V~, 50/60Hz, 0.7 Output: 9.0V == 1.9A; Brand name: Philips; Model No.: AS19 090-BM19
Operation Power Consumption	15 W
Standby Power Consumption	<1 W
Dimensions - Main Unit (W x H x D)	280 × 82 × 170 mm
Weight - Main Unit	1.09 kg

## 9 Troubleshooting



ever 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/welcome). When you contact Philips, ensure that the apparatus is nearby and the model number and serial number are available.

- Ensure that the AC power plug of the unit is connected
- Ensure that there is power at the AC outlet.
- Ensure that the batteries are inserted correctly

#### 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 unit and your TV or VCR.
- Fully extend the FM antenna.

- Timer does not work
- Set the clock correctly Switch on the timer.

#### Clock/timer setting erased

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

## Notes

New

>55 dB

Zealand

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