

**PHILIPS**

DAB+ radio

5000 Series

R5005

# User manual



Register your product and get support at  
[www.philips.com/support](http://www.philips.com/support)

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# 1 Important

## Safety



### Warning

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

- Read and follow these instructions.
- Make sure that there is enough free space around the product for ventilation.
- Refer all servicing to qualified service personnel. Servicing is required when the radio 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 radio, the radio has been exposed to rain or moisture, does not operate normally, or has been dropped.
- Only use attachments/accessories specified by the manufacturer.
- Use only power supplies listed in the user manual.
- Unplug this product during lightning storms or when unused for long periods of time.

- The product shall not be exposed to dripping or splashing.
- Do not place any sources of danger on the product (e.g. liquid filled objects, lighted candles).
- Where the plug of the Direct Plug-in Adapter is used as the disconnect device, the disconnect device shall remain readily operable.
- Do not use this apparatus near water.
- Install in accordance with the manufacturer's instructions.
- Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.

## 2 Your FM/DAB 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](http://www.philips.com/welcome).

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### Introduction

With this radio, you can:

- listen to FM and Digital Audio Broadcasting (DAB) radio.
- know the time.
- set two alarms.

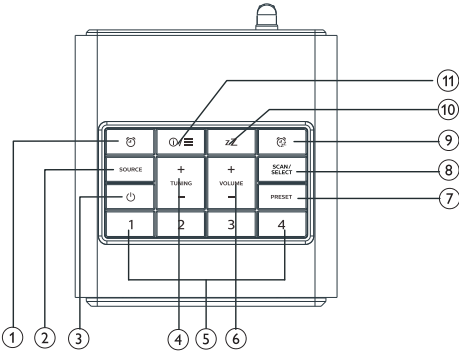
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### What's in the box

Check and identify the contents of your package:

- FM/DAB radio
- Power adapter
- Quick start guide
- Safety & Warranty leaflet

## Overview of the clock radio



### ① Alarm

- Set alarm.
- Activate or deactivate alarm timer.

### ② SOURCE

- Select a source: DAB or FM radio .

### ③

- Turn on the radio.
- Switch to standby mode.

### ④ TUNING+/-

- Tune to an FM station.
- Navigate a DAB station list.
- Navigate an FM/DAB menu.

### ⑤ Preset stations (1, 2, 3, 4)

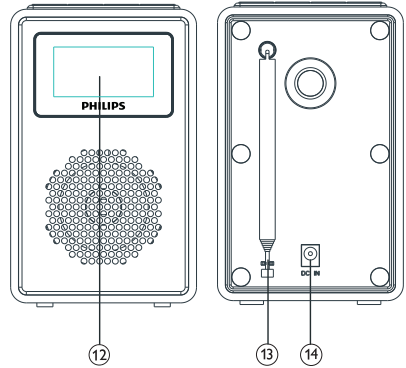
- Store/directly access preset 1, 2, 3 or 4.

### ⑥ VOLUME+/-

- Press to adjust volume.

### ⑦ PRESET

- Store radio stations.
- Display and select preset stations.



### ⑧ SCAN/SELECT

- Press to confirm a selection.
- Press and hold to auto scan all station in FM tuner mode.

### ⑨ SNOOZE

- Snooze the alarm.

### ⑩ zZ SLEEP

- Set the sleep timer.

### ⑪ INFO/MENU

- Press to display information in FM/DAB mode.
- In working mode, press and hold to access the top menu.

### ⑫ DISPLAY SCREEN

- Show current status.

### ⑬ Radio antenna

- Improve radio reception.

### ⑭ DC IN

- Connect to the supplied power adaptor .

# 3 Get started

Always follow the instructions in this chapter in sequence.

## Prepare radio antenna

For better radio reception, fully extend and adjust the position of the antenna.

### Note

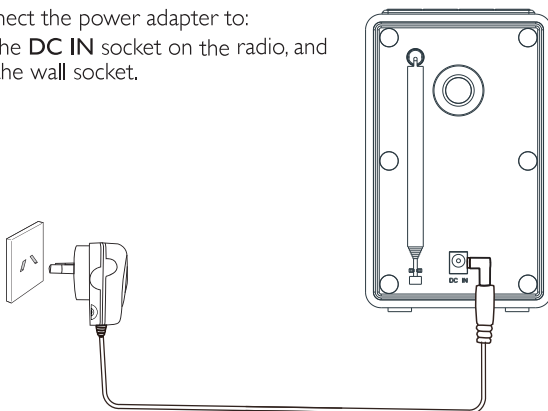
- To prevent interference, position the antenna as far as possible from any other radiation sources.

## Connect power

### Caution

- Risk of product damage! Make sure that the power voltage corresponds to the voltage printed on the back or underside of the clock radio.
- Risk of electric shock! When you unplug the AC plug, always pull the plug from the socket. Never pull the cord.

- 1 Connect the power adapter to:
  - the **DC IN** socket on the radio, and the wall socket.



## Turn on

- Press  $\odot$ .
  - ↳ The radio switches to the last selected source.

## Adjust the volume level

- Press **VOLUME +/-** repeatedly to adjust volume.

## Switch to standby mode

- Press  $\odot$  again.
  - ↳ The display panel is dimmed.
  - ↳ The time and date (if set) are displayed.

### Note

- If the system is idle for 15 minutes, the radio switches to standby mode automatically.

# 4 Listen to DAB radio

## Tune to DAB radio stations

The first time you select DAB radio mode, or if the station list is empty, the radio performs a full scan automatically.

- Press **SOURCE** repeatedly to select **[DAB]** mode.
  - ↳ **[Scanning]** is displayed.
  - ↳ The radio scans and stores all the DAB radio stations automatically, and then broadcasts the first available station.
  - ↳ The station list is memorized in the radio. Next time when you turn on the radio, the station scan does not take place.

**To tune to a station from the available station list:**

- In DAB mode, press **TUNING+/-** to navigate through the available DAB stations.



### Tip

- The stations may change from time to time. To update the station list, select the **[Full scan]** menu to perform full scan.

## Store DAB radio stations



### Note

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

- 1 In DAB mode, tune to a DAB radio station.
- 2 Press and hold **PRESET** for two seconds.
  - ↳ The **Preset store** is displayed.
- 3 Press **TUNING+/-** to select a preset number.
- 4 Press **SCAN/SELECT** to confirm.
  - ↳ **[Preset stored]** is displayed.
  - ↳ The station is stored in the selected position.



### Note

- At step 2, you can also press and hold preset key 1, 2, 3 or 4 to save the current station to the corresponding position directly.
- To remove a preset DAB radio station, store another station in its place.

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## Select a preset DAB radio station

In DAB mode, you have two ways to select a preset radio station.

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### Option A:

- 1 Press **PRESET**.  
↳ The **Preset Recall** is displayed.
- 2 Press **TUNING+/-** to select a preset number;
- 3 Press **SCAN/SELECT** to confirm.

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### Option B:

- Press the numeric key 1-4 directly.

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## Show DAB information

While listening to DAB radio, press **⓪/≡** repeatedly to scroll through the following information (if available):

- ↳ Radio mode
- ↳ Sleep timer
- ↳ Dynamic Label Segment (DLS)
- ↳ Signal strength
- ↳ Program type (PTY)
- ↳ Ensemble name
- ↳ Frequency
- ↳ Signal error rate
- ↳ Bit rate and audio status
- ↳ Time
- ↳ Date

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## Use menu in DAB mode

- 1 In DAB mode, press and hold **⓪/≡** to access DAB menu.
- 2 Press **TUNING+/-** to scroll through the menu options:
  - [ **Full scan** ] : scan and store all the available DAB radio stations.
  - [ **Manual tune** ] : tune to a specific channel/frequency manually and add it to the station list.
  - [ **DRC** ] : compress the dynamic range of a radio signal, so that the volume of quiet sounds is increased, and the volume of loud sounds is reduced.
  - [ **Prune** ] : remove all the invalid stations from the station list.
  - [ **Clock** ] : set time/date, select 12/24 hour, and set time synchronization.
  - [ **Backlight** ] : adjust backlight settings (3 options : Time out/ On level/ Dim level)
  - [ **System** ] : adjust system settings:
    - [ **Language** ] : set system language (English/ Deutsch/ Italiano/ Francais/ Nederlands/ Norwegian)
    - [ **Factory Reset** ] : reset the unit.
    - [ **SW version** ] : view software version.
- 3 To select an option, press **SCAN/SELECT** button.
- 4 Repeat steps 2 to 3 if any sub-option is available under one option.
  - To return to the previous menu, press **⓪/≡**.

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### Note

- If no button is pressed within 15 seconds, the menu exits.



# 5 Listen to FM radio

## Tune to FM radio stations

- 1 Press **SOURCE** repeatedly to select **[FM]** mode.
- 2 Press and hold **TUNING+/-** for two seconds.  
↳ The radio tunes to an FM radio station with strong reception automatically.
- 3 Repeat step 2 to tune to more radio stations.

### To tune to a station manually:

- In FM tuner mode, press **TUNING+/-** repeatedly to select a frequency.

## Store FM radio stations



### Note

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

- 1 In FM mode, tune to an FM radio station.
- 2 Press and hold **PRESET** for two seconds.  
↳ The **Preset store** is displayed.
- 3 Press **TUNING+/-** to select a preset number.
- 4 Press **SCAN/SELECT** to confirm.  
↳ **[Preset stored]** is displayed.  
↳ The station is stored in the selected position.

### To store FM radio stations automatically

- Rather than manually storing stations, you can also let the unit automatically store found stations:  
Press and hold **SCAN/SELECT** button to do auto scanning for the broadcasting radio channels, press it again to stop auto scanning.



### Note

- At step 2, you can also press and hold preset key 1, 2, 3 or 4 to save the current station to the corresponding position directly.
- To remove a pre-stored FM radio station, store another station in its place.

## Select a preset FM radio station

In FM mode, you have two ways to select a preset radio station.

### Option A:

- 1 Press **PRESET**.  
↳ The **Preset Recall** is displayed.
- 2 Press **TUNING+/-** to select a preset number;
- 3 Press **SCAN/SELECT** to confirm.

### Option B:

- Press the numeric key 1-4 directly.

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## Use menu in FM mode

- 1 In FM mode, press and hold **⓪/≡** to access FM menu.
- 2 Press **TUNING+/-** to scroll through the menu options:
  - **[ Scan setting ]** : select the scan sensitivity (strong stations only or all stations)
  - **[ Clock ]** : set time/date, select 12/24 hour, and set time synchronization
  - **[ Backlight ]** : adjust backlight settings (3 options : Time out/ On level/ Dim level)
  - **[ System ]** : adjust system settings:
    - **[ Language ]** : set system language (English/ Deutsch/ Italiano/ Francais/ Nederlands/ Norwegian)
    - **[ Factory Reset ]** : reset the unit.
    - **[ SW version ]** : view software version.
- 3 To select an option, press **SCAN/SELECT** button.
- 4 Repeat steps 2 to 3 if any sub-option is available under one option.
  - To return to the previous menu, press **⓪/≡**.



### Note

- If no button is pressed within 15 seconds, the menu exits.

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## Show FM information

While listening to FM radio, press **⓪/≡** repeatedly to scroll through the following information (if available):

- ↳ Radio mode
- ↳ Sleep timer
- ↳ Radio text messages
- ↳ Program type
- ↳ Name
- ↳ Time
- ↳ Date

## 6 Other features


### Set alarm timer

#### Set alarm



- You can set two alarms to ring at different time.

#### Note


- Make sure that the clock is set correctly.

- In standby mode, press and hold  for two seconds to access alarm menu.
- Press **TUNING+/-** to select Alarm 1 or Alarm 2.
- Press **SCAN/SELECT** to confirm.
- Repeat steps 2 to 3 if any sub-option is available (alarm time, duration, source, days, volume, on/off)

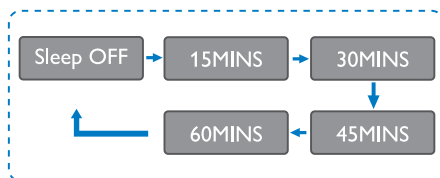
### Activate/deactivate alarm timer

- Press  repeatedly to activate or deactivate the alarm timer:
  - ↳ If the alarm timer is activated, **[AL1]** or **[AL2]** is displayed.
- To stop the alarm, press .
  - ↳ The alarm repeats ringing for the next day.

### Snooze the alarm

- When alarm sounds, press .
  - ↳ The alarm snoozes and repeats ringing nine minutes later.

### Set sleep timer



- Select **[ Sleep ]** menu.
- Press **TUNING+/-** repeatedly to select the sleep timer period (in minutes).
  - ↳ When **[ Sleep OFF ]** is displayed, the sleep timer is deactivated.

# 7 Product information

## Specifications

### Amplifier

Rated Output Power	1W RMS
Frequency Response	95-20000 Hz, $\pm 3$ dB
Signal to Noise Ratio	> 65 dBA

### Tuner

Tuning Range(FM)	87.5-108 MHz
Tuning Range(DAB)	174.928-239.2MHz (Band III)

### Speaker

Speaker Impedance	4 ohm
Sensitivity	86 $\pm$ 3dB/m/W

### General information

AC Power(power adapter)	Brand name:PHILIPS Input: 100-240V~, 50/60Hz Output: 5.0V === 0.5A
Operation Power Consumption	$\leq 2.5$ W
Standby Power	$\leq 1$ W

### Dimensions

Main Unit (W x H x D)	95x154.5x109.5mm
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### Weight

Main Unit	0.52kg
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# 8 Troubleshooting



## Warning

- Never remove the casing of this device.

To keep the warranty valid, never try to repair the system yourself.

If you encounter problems when using this device, check the following points before requesting service. If the problem remains unsolved, go to the Philips Web page ([www.philips.com/support](http://www.philips.com/support)). When you contact Philips, make sure that the device is nearby and the model number and serial number are available.

### No power

- Make sure that the AC power plug of the radio is connected properly.
- Make sure that there is power at the AC outlet .

### No sound or poor sound.

- Adjust the volume.
- Check whether the radio is muted or the radio station is still buffering.
- Fully extend and adjust the position of the radio antenna.
- Keep the radio away from other electronic devices to avoid radio interference.

### No response from the radio

- Disconnect and reconnect the AC power plug, then turn on the radio again.
- Check if the radio is in standby mode. If yes, turn on the radio.

### Poor radio reception

- Keep the radio away from other electronic devices to avoid radio interference.
- Fully extend and adjust the position of the radio antenna.

### Alarm does not work

- Set the clock/alarm correctly.

## 9 Notice

Any changes or modifications made to this device that are not expressly approved by **MMD Hong Kong Holding Limited** may void the user's authority to operate the equipment

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### Compliance



Hereby, **MMD Hong Kong Holding Limited** declares that the product is in compliance with the essential requirements and other relevant provisions of RED Directive **2014/53/EU** and **UK** radio Equipment Regulations IS 2017 No 1206. You can find the Declaration of Conformity on [www.philips.com/support](http://www.philips.com/support)

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### Care of the environment

#### Disposal of your old product and battery



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



This symbol on a product means that the product is covered by European Directive 2012/19/EU.



This symbol means that the product contains batteries covered by European Directive 2013/56/EU which cannot be disposed of with normal household waste.

Inform yourself about the local separate collection system for electrical and electronic

products and batteries. Follow local rules and never dispose of the product and batteries with normal household waste. Correct disposal of old products and batteries helps prevent negative consequences for the environment and human health.

#### Removing the disposable batteries

To remove the disposable batteries, see battery installation section.

#### 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.

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