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AE5010



EN User manual

PHILIPS

Contents

1	Important	5
	Safety	5
	Notice	6

2	Your FM/DAB radio	8
	Introduction	8
	What's in the box	8
	Overview of the main unit	9

3	Get started	11
	Prepare FM/DAB antenna	11
	Connect power	11
	Turn on	13
	Adjust the volume level	13

4	Listen to FM radio	14
	Tune to FM radio	14
	Store FM stations manually	14
	Select a preset FM radio station	15
	Use FM menu	15

5	Listen to DAB radio	16
	Tune to DAB radio	16
	Change DAB station	16
	Scan DAB radio stations	17
	Display station information	17
	Store DAB stations manually	18
	Select a preset DAB radio station	18
	Use DAB menu	19

6	Product information	21
	Tuner (FM)	21
	Tuner (DAB)	21
	General information	22

7	Troubleshooting	23
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8	About DAB	24
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1 Important

Safety

- The device shall not be exposed to dripping or splashing.
- Do not place any source of danger on the device (e.g. liquid-filled objects, lit candles).
- Where the mains plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.



Warning

- Never remove the casing of this unit.
- Never lubricate any part of this unit.
- Place this unit on a flat, hard and stable surface.
- Never place this unit on other electrical equipment.
- Only use this unit indoors. Keep this unit away from water, moisture and liquid-filled objects.
- Keep this unit away from direct sunlight, naked flames or heat.

Hearing safety

Listen at a moderate volume.

- Using headphones at a high volume can impair your hearing. This product can produce sounds in decibel ranges that may cause hearing loss for a normal person, even for exposure less than a minute. The higher decibel ranges are offered for those that may have already experienced some hearing loss.
- Sound can be deceiving. Over time your hearing 'comfort level' adapts to higher volumes of sound. So after prolonged listening, what sounds 'normal' can actually be loud and harmful to your hearing. To guard against this, set your volume to a safe level before your hearing adapts and leave it there.

To establish a safe volume level:

- Set your volume control at a low setting.
- Slowly increase the sound until you can hear it comfortably and clearly, without distortion.

Listen for reasonable periods of time:

- Prolonged exposure to sound, even at normally 'safe' levels, can also cause hearing loss.
- Be sure to use your equipment reasonably and take appropriate breaks.

Be sure to observe the following guidelines when using your headphones.

- Listen at reasonable volumes for reasonable periods of time.
- Be careful not to adjust the volume as your hearing adapts.
- Do not turn up the volume so high that you can't hear what's around you.
- You should use caution or temporarily discontinue use in potentially hazardous situations. Do not use headphones while operating a motorized vehicle, cycling, skateboarding, etc.; it may create a traffic hazard and is illegal in many areas.

Notice

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.



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



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 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.

Introduction

With this unit, you can enjoy both FM radio and Digital Audio Broadcasting (DAB) radio.

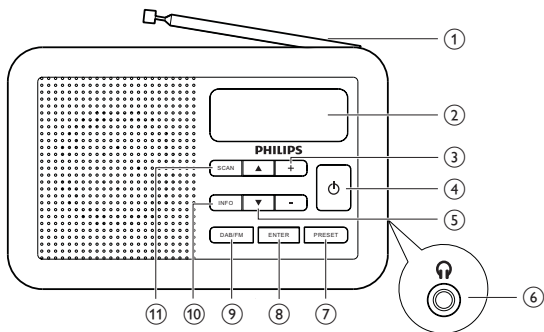
Digital Audio Broadcasting (DAB), is a way of broadcasting radio digitally through a network of transmitters. It provides you with more choice, better sound quality and more information.

What's in the box

Check and identify the contents of your package:

- Main unit
- AC adaptor
- User manual

Overview of the main unit



- ① **FM/DAB antenna**
 - Improve FM/DAB reception.
- ② **Display panel**
 - Display the status.
- ③ **+/-**
 - Adjust volume.
- ④ **⏻**
 - Turn on or off the unit.
- ⑤ **▲ / ▼**
 - Tune to an FM radio station.
 - Go to a DAB service list.
 - Scroll through menu list.
- ⑥ **🎧**
 - Socket for the headphone.
- ⑦ **PRESET**
 - Program radio stations.
 - Select a preset radio station.

- ⑧ **ENTER**
 - Confirm a selection.
- ⑨ **DAB/FM**
 - Select DAB or FM radio.
- ⑩ **INFO**
 - Display DAB station information.
 - Access DAB/FM menu.
- ⑪ **SCAN**
 - Search FM/DAB radio stations.

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 back of the apparatus.

Write the numbers here:

Model No. _____

Serial No. _____

Prepare FM/DAB antenna

For optimal reception, fully extend and adjust the position of the FM/DAB antenna.



Tip

- Position the antenna as far away as possible from your TV/VCR or other radiation source to prevent interference.

Connect power

You can use this radio player on AC power or battery power.

Battery Life (Approx. hours)

When using	FM	DAB
alkaline R6 (size AA)	12	12

Option 1: AC power

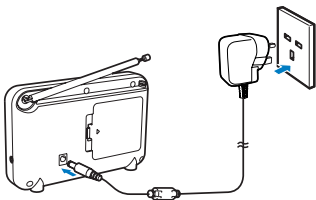
Caution

- Risk of product damage! Ensure that the power supply voltage corresponds to the voltage printed on the back or the underside of the product.
- Risk of electric shock! When you unplug the AC adaptor, always pull the plug from the socket. Never pull the cord.
- Use only the AC adaptor specified by the manufacturer or sold with this unit.

Note

- The type plate is on the back of the apparatus.

- 1 Connect one end of the AC adaptor to the **DC** socket on the main unit.



- 2 Connect the other end of the AC adaptor to the wall outlet.

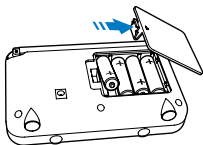
Option 2: Battery power

Caution

- Risk of explosion! Keep batteries away from heat, sunshine or fire. Never discard batteries in fire.
- Do not mix batteries (old and new or carbon and alkaline, etc.).
- Remove batteries if they are exhausted or if the unit is not to be used for a long time.

- 1 Open the battery compartment at the back of the unit.

- 2** Insert 4 AA size batteries (not supplied) with correct polarity (+/-) as indicated, then close the battery compartment.




- 3** The unit is ready to operate.



Note

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

Turn on/off

- 1** Press .
- ↳ [Welcome to Philips Audio] is displayed.
 - ↳ The radio goes to the last selected source.

To turn off the unit:

- 1** Press  again.

Adjust the volume level

- 1** During play, press +/- to increase/decrease the volume level.

4 Listen to FM radio

Tune to FM radio

- 1 Press **DAB/FM** repeatedly to select FM radio.
- 2 Press **▲** / **▼** to tune to a radio station.

Search FM radio stations

- 1 Tune to FM radio.
- 2 Press and hold **▲** / **▼** for more than two seconds to start searching stations.
↳ The FM tuner tunes to a station with strong reception automatically.
- 3 Repeat step 2 if necessary until you find the desired station.

Store FM stations manually

You can program a maximum of 10 preset FM radio stations.

- 1 Tune to your desired FM station.
- 2 Press and hold **PRESET** for two second,
↳ The preset number is displayed.
- 3 Press **▲** / **▼** to select the desired preset number.
- 4 Press **ENTER** to confirm the selection.
↳ The stored radio frequency and number are displayed.



Note

- To overwrite a preset station, store another station in its place.

Select a preset FM radio station

- 1 Press **DAB/FM** repeatedly to select FM radio.
- 2 Press **PRESET** to enter the preset channel list.
- 3 Press **▲** / **▼** to find your desired station.
- 4 Press **ENTER** to confirm the selection.



Note

- When you go through the preset station list, if no button is pressed within three seconds, the radio tunes to the showed preset station.

Use FM menu

- 1 In FM mode, press and hold **INFO** to enter the FM menu.
- 2 Press **▲** / **▼** to scroll the menu options:
 - **[Audio setting]**
 - **[System]**
- 3 To select an option, press **ENTER**.
- 4 Repeat step 2-3 if sub-option is available under one option.

[Audio setting]

This function enables you to select mono or stereo

- **[Forced mono]** Select mono broadcast.
- **[Stereo allowed]** Select stereo broadcast.

[System]

- **[Factory reset]** Resets all the settings of this radio player to factory default.
- **[SW version]** Software version of the radio player is shown.



Note

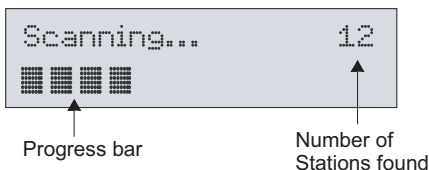
- If no button is pressed within 10 seconds, the menu exits.

5 Listen to DAB radio

Tune to DAB radio

When you enter the DAB mode for the first time, the radio player shows [DAB mode] for two seconds and enters the DAB menu. Press **ENTER** to start the scanning. Then station list is retained in memory so the next time the radio player is switched on, the station scan does not take place.

- 1 Press **DAB/FM** repeatedly to select DAB radio.
 - ↳ A bar graph indicates the progress of the search and the number of stations found increase as the scan progresses.



- (A) When the scan is completed, the stations are listed in numerical then alphabetic order:
 - ↳ First available station is played.
- (B) If there is no DAB coverage currently available
 - ↳ **[No DAB Station]** is displayed.
 - ① Change the location or adjust antenna.
 - ② Press **SCAN** to search again.

Change DAB station

- 1 Tune to a DAB station.
- 2 Use **▲ / ▼** to navigate through available stations.

- 3 Press **ENTER** to select the station.



Note

- If no button is pressed within three seconds, the radio tunes to the current station automatically.

Scan DAB radio stations

- 1 When playing a DAB station, or the current station is not available, press **SCAN** for more than two seconds.
- ↳ The radio player scans all available DAB radio stations and broadcasts the current station.



Tip

- New stations and services will be added in the DAB broadcast. To make new DAB stations and services available on your radio player, do the scan on a regular base.

Display station information

- 1 Tune to a DAB radio station.
- 2 Press **INFO** repeatedly to scroll through the following information (if available):
- ↳ Dynamic label segment (DLS)
 - ↳ Strength
 - ↳ Program type (PTY)
 - ↳ Ensemble Name
 - ↳ Channel and frequency
 - ↳ Signal error rate

- ↳ Bit rate and audio status
- ↳ Time

Store DAB stations manually

You can store a maximum of 10 preset DAB radio stations.

- 1 Tune to your desired DAB station.
- 2 Press and hold **PRESET** for two seconds.
 - ↳ [Preset X stored] is displayed.
- 3 To select a preset number, press **▲** / **▼** ; then press **ENTER** to confirm the selection.
 - ↳ The preset number of the saved station is displayed.



Note

- To overwrite a preset station, store another station in its place.

Select a preset DAB radio station

- 1 Press **DAB/FM** repeatedly to select DAB radio.
- 2 Press **PRESET** to enter the present channel list.
- 3 Press **▲** / **▼** to select a preset number.
- 4 Press **ENTER** to confirm the selection.



Note

- When you go through the preset station list, if no button is pressed within three seconds, the radio tunes to the showed preset station.

Use DAB menu

- 1 In DAB mode, press and hold **INFO** for two seconds to enter the DAB menu.
- 2 Press **▲** / **▼** to scroll the menu options:
 - **[Station list]**
 - **[System]**
 - **[DRC]** (dynamic range control)
 - **[Manual tune]**
 - **[Full scan]**
- 3 To select an option, press **ENTER**.
- 4 Repeat step 2-3 if sub-option is available under one option.

[System]

- **[Info]** (Software version of the radio player is shown.)
- **[Factory reset]** (Resets all the settings of this radio player to factory default.)
- Press **ENTER** to confirm reset.

[DRC]

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

- **[DRC high]** (DRC is switched on; the default setting recommended for noisy environment.)
- **[DRC low]** (DRC is set to half normal level.)
- **[DRC off]** (DRC is switched off.)

[Manual tune]

It is possible to manually tune to a specific channel/frequency and add this to the station list.

This function can be used to obtain the optimum reception for a specific channel/frequency, taking into account the position of the aerial.

- ➡ The first line of the display shows the selected channel and its frequency. The first line of the display shows a rectangle.
- ➡ A rectangle will be displayed on the second line of the display. The position of this rectangle indicates the signal strength (the further towards the right, the greater the signal strength).



Tip

- Adjust the position of the antenna to obtain the optimum signal strength.

[Full scan]

Full scan is used to perform a wide range of DAB radio search (outside UK).



Note

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

6 Product information



Note

- Product information is subject to change without prior notice.

Tuner (FM)

Tuning Range	87.5 - 108MHz
Tuning grid	50KHz

Tuner (DAB)

Tuning Range	174.928MHz - 239.200MHz (Band III)
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General information

AC/DC adaptor	
- Brand name	PHILIPS
- Model	Y06FE-050-1000B
- Input	100-240V~ 50/60Hz 0.2A
- Output	5V --- 1000mA
Operation Power Consumption	5W
Standby Power Consumption	<1W
Power output	0.3W (10% THD)
Battery	AA x 4
Headphone output power	12mW x 2 (32 ohm)
Dimensions	
- Main Unit (W x H x D)	317 x 133 x 90 mm
Weight	
- Main Unit	0.884kg

7 Troubleshooting



Warning

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

No power

- Ensure that the AC power plug of the unit is connected properly.
- Ensure that there is power at the AC outlet.
- Insert the batteries with their polarities (+/- signs) aligned as indicated.
- Replace the battery.

No sound

- Adjust the volume.

Poor radio reception

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

8 About DAB

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 returning 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.

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.



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