Micro Hi-Fi System

MCB240

User manual
Manuel d'utilisation
Manual del usuario
Benutzerhandücher
Gebruikershandleidingen
Manuale per l'utente
Användarhandböckerna
Brugermanual
Käyttöoppaita
Manual do usuário
εγχειρίδιο χρήσης

PHILIPS

Important notes for users in the U.K.

Mains plug

This apparatus is fitted with an approved 13 Amp plug. To change a fuse in this type of plug proceed as follows:

1 Remove fuse cover and fuse.

2 Fix new fuse which should be a BS1362 3 Amp, A.S.T.A. or BSI approved type.

3 Refit the fuse cover.

If the fitted plug is not suitable for your socket outlets, it should be cut off and an appropriate plug fitted in its place.
If the mains plug contains a fuse, this should have a value of 3 Amp. If a plug without a fuse is used, the fuse at the distribution board should not be greater than 3 Amp.

Note: The severed plug must be disposed of to avoid a possible shock hazard should it be inserted into a 13 Amp socket elsewhere.

How to connect a plug

The wires in the mains lead are coloured with the following code: blue = neutral (N), brown = live (L).

● As these colours may not correspond with the colour markings identifying the terminals in your plug, proceed as follows:
– Connect the blue wire to the terminal marked N or coloured black.
– Connect the brown wire to the terminal marked L or coloured red.
– Do not connect either wire to the earth terminal in the plug, marked E (or ⊥) or coloured green (or green and yellow).

Before replacing the plug cover, make certain that the cord grip is clamped over the sheath of the lead - not simply over the two wires.

Copyright in the U.K.

Recording and playback of material may require consent. See Copyright Act 1956 and The Performer's Protection Acts 1958 to 1972.

Italia

DICHIARAZIONE DI CONFORMITA'

Si dichiara che l'apparecchio MCB240 Philips risponde alle prescrizioni dell'art. 2 comma 1 del D.M. 28 Agosto 1995 n. 548.

Fatto a Eindhoven

Philips Consumer Electronics
Philips, Glaslaan 2
5616 JB Eindhoven, The Netherlands

Norge

Typeskilt finnes på apparatens underside.

Observer: Nettbryteren er sekundert innkoplet. Den innebygde netdelen er derfor ikke frakoplet nettet så lenge apparatet er tilsluttet nettkontakten.
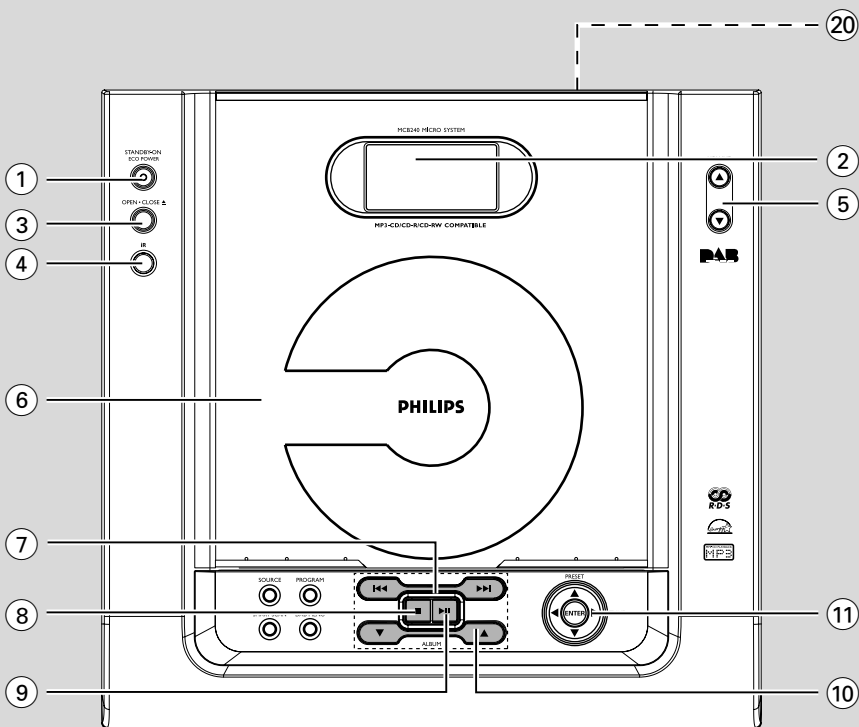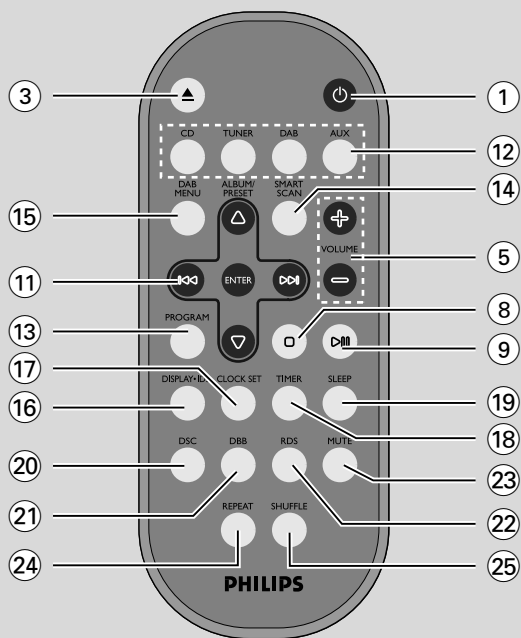
For å redusere faren for brann eller elektrisk støt, skal apparatet ikke utsettes for regn eller fuktighet.

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

VAROITUS
Muiden kuin tässä esitettyjen toimintojen säädön tai asetusten muutto saattaa altistaa vaaralliselle säteilylle tai muille vaarallisille toiminnoille.

PHILIPS

STANDBY·ON
ECO POWER

OPEN·CLOSE ▲

IR

MCB240 MICRO SYSTEM

MP3-CD/CD-R/CD-RW COMPATIBLE

PHILIPS

DAB

SOURCE   PROGRAM

PRESET

ENTER

ALBUM

3

DK

Advarsel: Usynlig laserstråling ved åbning når sikkerhedsafbrydere er ude af funktion. Undgå utsættelse for stråling.

Bemærk: Netafbryderen er sekundært indkoblet og ofbryder ikke strømmen fra nettet. Den indbyggede netdel er derfor tilsluttet til lysnettet så længe netstikket sidder i stikkontakten.

S

Klass 1 laseraparat
Varning! Om apparaten används på annat sätt än i denna bruksanvisning specificerats, kan användaren utsättas för osynlig laserstrålning, som överskrider gränsen för laserklass 1.

Observera! Stömbrytaren är sekundärt kopplad och bryter inte strömmen från nätet. Den inbyggda nätdelen är därför ansluten till elnätet så länge stickproppen sitter i vägguttaget.

SF

Luokan 1 laserlaite
Varoitus! Laitteen käyttäminen muulla kuin tässä käyttöohjeessa mainitulla tavalla saattaa altistaa käyttäjän turvallisuusluokan 1 ylittävälle näkymättömälle lasersäteilylle.

Oikeus muutoksiin varataan. Laite ei saa olla alttiina tippu-ja roiskevedelle.

Huom. Toiminnanvalitsin on kytketty toisiopuolelle, eikä se kytke laitetta irti sähköverkosta. Sisäänrakennettu verkko-osa on kytkettynä sähköverkkoon aina silloin, kun pistoke on pistorasiassa.

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Contents

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

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.

Disposal of your old product

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 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. The correct disposal of your old product will help prevent potential negative consequences for the environment and human health.

Supplied accessories

– 2 speaker boxes
– remote control (with battery)
– stand
– screw and plug assembly

Safety Information

● Before operating the system, check that the operating voltage indicated on the typeplate of your system is identical with the voltage of your local power supply. If not, please consult your dealer.
● Place the system on a flat, hard and stable surface.
● Place the system in a location with adequate ventilation to prevent internal heat build-up in your system. Allow at least 10 cm (4 inches) clearance from the rear and the top of the unit and 5 cm (2 inches) from each side.
● The ventilation should not be impeded by covering the ventilation openings with items, such as newspapers, table-cloths, curtains, etc.
● Do not expose the system, batteries or discs to excessive moisture, rain, sand or heat sources caused by heating equipment or direct sunlight.
● No naked flame sources, such as lighted candles, should be placed on the apparatus.
● No objects filled with liquids, such as vases, shall be placed on the apparatus.
● If the system is brought directly from a cold to a warm location, or is placed in a very damp room, moisture may condense on the lens of the disc unit inside the system. Should this occur, the CD player would not operate normally. Leave the power on for about one hour with no disc in the system until normal playback is possible.
● The mechanical parts of the set contain self-lubricating bearings and must not be oiled or lubricated.
● To prevent injury, this apparatus must be securely attached to the floor/wall in accordance with the installation instructions.
● Install this unit near the AC outlet and where the AC power plug can be reached easily.
● **When the system is switched to Standby mode, it is still consuming some power. To disconnect the system from the power supply completely, remove the AC power plug from the wall socket.**

General Information

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.

Note:

– 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.

T-shape Antenna

Speaker
(right)

Speaker
(left)

Ⓑ

Ⓒ

Ⓐ
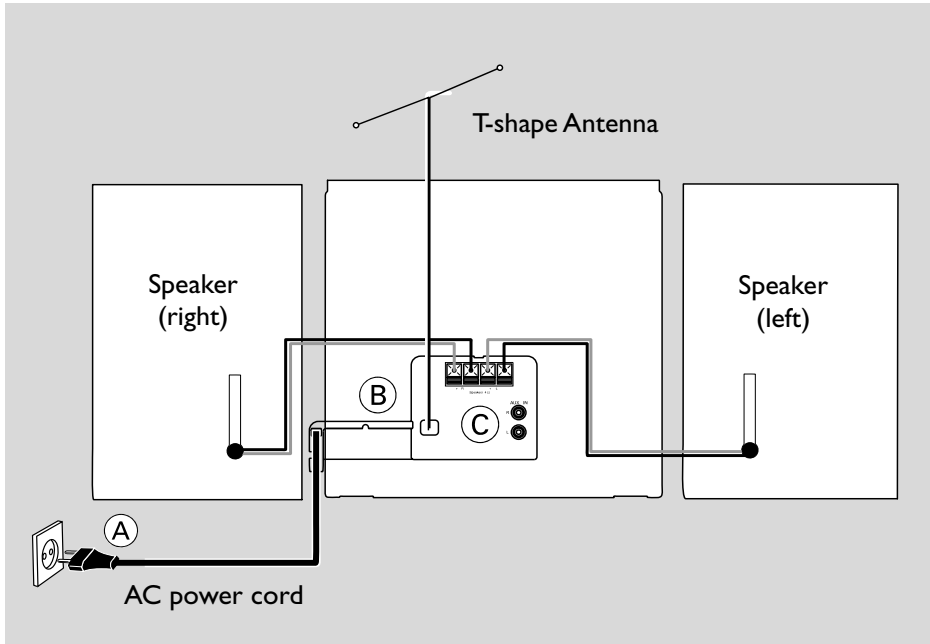
AC power cord

Rear connections

The type plate is located at the rear of the system.
For users in the U.K.: please follow the instructions on page 2.

Ⓐ **Power**

Before connecting the AC power cord to the wall outlet, ensure that all other connections have been made.

Warning!
– For optimal performance, use only the original power cable.
– Never make or change any connections with the power switched on.

To avoid overheating of the system, a safety circuit has been built in. Therefore, your system may switch to Standby mode automatically under extreme conditions. If this happens, let the system cool down before reusing it (not available for all versions).

Ⓑ **Speakers Connection**

Front Speakers
Connect the speaker wires to the Speaker terminals, right speaker to "**R**" and left speaker to "**L**", colored (marked) wire to "**+**" and black (unmarked) wire to "**-**".

● Fully insert the stripped portion of the speaker wire into the terminal as shown.

Notes:
– For optimal sound performance, use the supplied speakers.
– Do not connect more than one speaker to any one pair of +/- speaker terminals.
– Do not connect speakers with an impedance lower than the speakers supplied. Please refer to the SPECIFICATIONS section of this manual.

Preparations

C **Optional connection**

The optional equipment and connecting cords are not supplied. Refer to the operating instructions of the connected equipment for details.

Connecting other equipment to your system

Connect the audio left and right OUT terminals of a TV, VCR, Laser Disc player, DVD player or CD Recorder to the **AUX** terminals.

Note:

– If you are connecting equipment with a mono output (a single audio out terminal), connect it to the AUX left terminal. Alternatively, you can use a "single to double" cinch cable (the output sound still remain mono).

Before using the remote control

1 Pull out the plastic protective sheet.

2 Select the source you wish to control by pressing one of the source select keys on the remote control (for example CD, TUNER).

3 Then select the desired function (for example ▶ II , I◀◀ , ▶▶I).

plastic
protective
sheet

①

Replacing battery (lithium CR2025) into the remote control

1 Pull out the knob Ⓐ slightly to the left.

2 Pull out the battery compartment Ⓑ .

3 Replace a new battery and fully insert the battery compartment back to the original position.
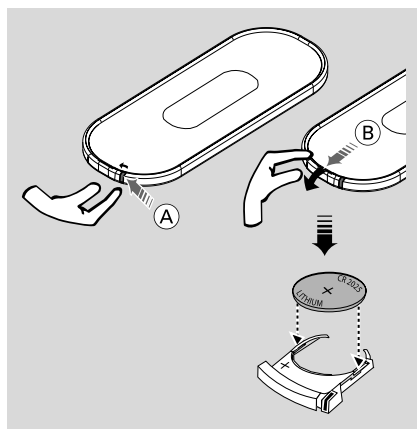
CAUTION!
Batteries contain chemical substances, so they should be disposed of properly.

Controls *(illustrations on page 3)*

English

Controls on the system and remote control

1 **STANDBY-ON/ECO POWER**⏻
– switches the system on or to Eco Power standby/normal standby with clock display.

2 **Display screen**
– shows the status of the system.

3 **OPEN • CLOSE**▲
– opens/closes the CD door.

4 **IR**
– remote sensor

5 **VOLUME (▲/▼) (＋/－)**
– adjusts the volume level.
– adjusts the hours and minutes for the clock/timer function.

6 **CD Door**

7 **|◄◄/►►|**
for CD/MP3-CD   fast searches back and forward within a track/disc (press and hold).
.... skips to the beginning of a current/previous/subsequent track.

8 **■**
– stops disc playback or erases a disc program.

9 **► II**
– starts or interrupts playback.

10 **ALBUM ▼/▲**
for TUNER .... selects a preset radio station.
for MP3-CD ..... skips to the beginning of a current/previous/subsequent album.

11 **Navigation controls**
PRESET▲ / ▼ALBUM/PRESET
for TUNER
.... selects a preset radio station (up, down).
for MP3-CD (**on the remote only**)
.... skips to the beginning of a current/previous/subsequent album.

TUNE ◄ / ► (|◄◄/►►|)
for DAB .... scrolls an option list.
for TUNER .... tunes to radio stations (down/up).
for CD/MP3-CD (**on the remote only**)
.... fast searches back and forward within a track/disc (press and hold).
.... skips to the beginning of a current/previous/subsequent track.
ENTER .... press to select an option (DAB only)

12 **SOURCE**
– selects the respective sound source for CD/DAB/FM/AUX.

13 **PROGRAM**
for CD/MP3-CD   programs tracks and reviews the program.
for TUNER/DAB   programs radio stations.
for CLOCK .... *(on the set only)* selects 12- or 24-hour clock display.

14 **SMART SCAN**
– autoscans for DAB frequencies.

15 **DAB MENU**
– enables access to advanced setup options.

16 **DISPLAY•ID3**
for CD/MP3-CD   displays disc information during playback.
for DAB .... to view DAB service information.

17 **CLOCK SET**
– sets the clock function.

18 **TIMER**
– activates/deactivates or sets the timer function.

19 **SLEEP**
– activates/deactivates or selects the sleeper time.

20 **DSC (Digital Sound Control)**
– selects sound characteristics: POP/ JAZZ/ROCK/CLASSIC.

Controls *(illustrations on page 3)*

21) **DBB (Dynamic Bass Boost)**
– enhances the bass.

22) **RDS**
– for tuner, displays RDS information.

23) **MUTE**
– interrupts and resumes sound reproduction.

24) **REPEAT**
– repeats a track/album/disc program/entire disc.
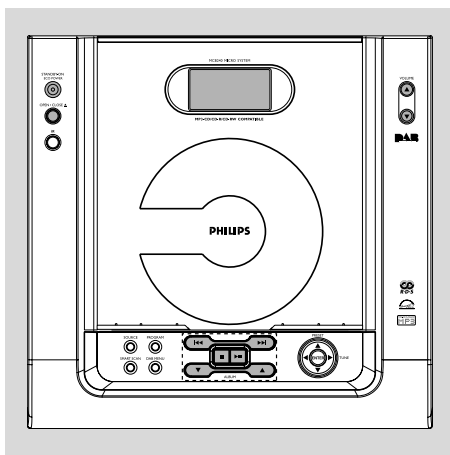
25) **SHUFFLE**
– plays disc tracks in random order.

26) 🎧
– connects headphones.

> ***Notes for remote control:***
> ***– First select the source you wish to control by pressing one of the source select keys on the remote control (for example CD, TUNER).***
> ***– Then select the desired function (for example ▶ II, I◀◀ , ▶▶I).***

Important!
Before you operate the system, complete the preparation procedures.

Switching the system on

● Press **STANDBY-ON/ECO POWER** (or ⏻ on the remote).
➜ The system will switch to the last selected source.

● Press **CD**, **TUNER**, **DAB** or **AUX** on the remote control.
➜ The system will switch to the selected source.

● Press **OPEN•CLOSE ▲** .
➜ The system will switch to the CD source.

Switching the system to Eco Power Standby mode

● Press **STANDBY-ON/ECO POWER** (or ⏻ on the remote).
➜ The backlight for clock display is dim in standby.
➜ The ECO POWER LED will be lighted.

● To view clock time in standby mode, press and hold **STANDBY-ON/ECO POWER** (or ⏻ on the remote) for more than 3 seconds or more.
➜ The system enters the standby mode with clock display.

● The volume level (up to a maximum volume level of 20), interactive sound settings, last selected mode (ECO Power Standby or normal standby), source and tuner presets will be retained in the player's memory.

Power Saving Automatic Standby

As a power-saving feature, the system automatically switches to Eco Power/ Standby 15 minutes after a CD has reached the end and no control is operated.

Adjusting volume and sound

❶ Press **VOLUME ▲ / ▼** (**+/-**) to decrease or increase the volume.
➜ Display shows the volume level VOL and a number from MIN 1, 2, ...30, 31 MAX.

❷ Press **DSC** repeatedly to select the desired sound effect: POP/JAZZ/ROCK/CLASSIC.

❸ Press **DBB** to switch bass enhancement on or off.
➜ Display shows: DBB ON or DBB OFF.

❹ Press **MUTE** on the remote control to interrupt sound reproduction instantly.
➜ Playback will continue without sound and MUTE will flash on the display.

● To activate sound reproduction you can:
  – press **MUTE** again;
  – adjust the volume controls;
  – change source.

CD/MP3-CD Operation
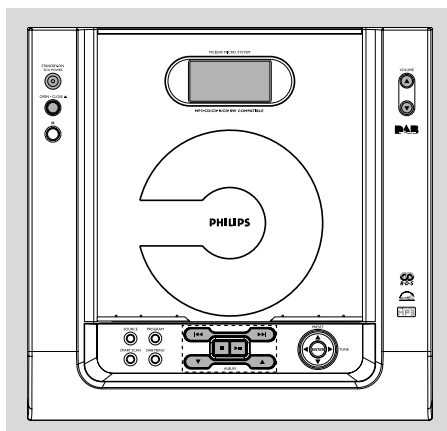
Important!
The lens of the CD player should never be touched.

Loading a disc

This CD player plays Audio Discs including CD Recordables, CD-Rewritables and MP3 CD.

● CD-ROM, CD-I, CDV, VCD, DVD or computer CDs, however, are not possible.

❶ Press **SOURCE** on the front panel of the system to select CD or press **CD** on the remote.

❷ Press **OPEN•CLOSE ▲** to open the CD compartment.
→ $OPEN$ is displayed when the compartment cover slides up.

❸ Insert a disc with the printed side facing up. Press **OPEN•CLOSE ▲** again to close the compartment.
→ $CLOSE$ is displayed followed by $READING$ as the CD player scans the contents of a disc, and then the total number of tracks and playing time (or the total number of albums and tracks for MP3 disc) are shown.

Basic playback controls

To play a disc

● Press ▶ II to start playback.
→ The current track number and elapsed playing time of the track are displayed during disc playback.

To select a different track

● Press I◀◀/▶▶I once or repeatedly until the desired track number appears in the display.

● If you have selected a track number shortly after loading a disc or in the PAUSE position, you will need to press ▶ II to start playback.

Text display during playback
In CD mode

● Press **DISPLAY•ID3** repeatedly to see the following information.
→ Track number and elapsed play time of current track.
→ Remaining play time of current track.
→ Total number of tracks played and total elapsed time.
→ Total remaining number of tracks and total remaining play time.

In MP3-CD mode

● Press **DISPLAY•ID3** repeatedly to select four display modes : Number, Album &Title, Album & Track Number and ID3.
Number → Track number and elapsed play time.
Album &Title → Album name and track title name.
Album & Track Number → Album number and track number.
ID-3 → ID-3 tag scrolls once

To find a passage within a track

➊ Press and hold down on ◄◄/►►.

➋ When you recognize the passage you want, release ◄◄/►►.
→ Normal playback continues.

To stop playback

● Press ■.

To interrupt playback

● Press ► **II** during playback.
→ The display freezes and the elapsed playing time flashes when playback is interrupted.
→ To resume, press ► **II** again.

Notes:
CD play will also stop when;
– the CD door is opened.
– the disc has reached the end.
– you select another source: TUNER, DAB or AUX.
– you select standby.
– the set auto off time arrives.

Playing an MP3 disc

➊ Load an MP3 disc.
→ The disc reading time may exceed 10 seconds due to the large number of songs compiled into one disc.
→ The total number of albums and tracks (titles) are shown.

➋ Press **ALBUM ▼/▲** (or **ALBUM/PRESET ▲ / ▼** on the remote) to select a desired album.

➌ Press ◄◄/►► to select a desired track.
→ The album number will change accordingly as you reach the first track of an album by pressing ◄◄ or the last track of an album by pressing ►►

➍ Press ► **II** to start playback.

Supported MP3 disc formats:
– ISO9660, Joliet
– Maximum title number: 512 (depending on filename length)
– Maximum album number: 255
– Supported sampling frequencies: 32 kHz, 44.1kHz, 48 kHz
– Supported Bit-rates: 32~256 (kbps), variable bitrates

Different play modes: SHUFFLE and REPEAT

You can select and change the various play modes before or during playback. The REPEAT modes can also be combined with PROGRAM.

SHUFFLE .... tracks of the entire disc are played in random order
SHUFFLE and REPEAT ALL
.... to repeat the entire disc continuously in random order
REPEAT ALL ... repeats the entire disc/program
REPEAT ⊟ ...... repeats the current album (for MP3 CD)
REPEAT ONE . plays the current track continuously

➊ To select your play mode, press **SHUFFLE** or **REPEAT** on the remote control before or during playback until the display shows the desired function. (SHUF, NO SHUF, REPEAT ONE, REPEAT ⊟, REPEAT ALL)

➋ Press ► **II** to start playback if in the STOP position.
→ If you have selected SHUFFLE, playback starts automatically.

➌ To return to normal playback, press the respective **SHUFFLE** or **REPEAT** button until the various SHUFFLE / REPEAT modes are no longer displayed.

● You can also press ■ to cancel your play mode.

Programming track numbers

Program in the STOP position to select and store your disc tracks in the desired sequence. If you like, store any track more than once. Up to 20 tracks can be stored in the memory.

➊ Press **PROGRAM** to enter the programming mode.
→ A track number is shown and PROG flashes.

➋ Use ◄◄/►► to select your desired track number.

CD/MP3-CD Operation

③ Press **PROGRAM** to confirm the track number to be stored.
➜ P-⠶ displays, in which ⠶ denotes the next program number to be stored.

④ Repeat steps 2-3 to select and store all desired tracks.
➜ PROG FULL is displayed if you attempt to program more than 20 tracks.

⑤ Press **STOP ■** to finish programming.
➜ PROG DONE is displayed.

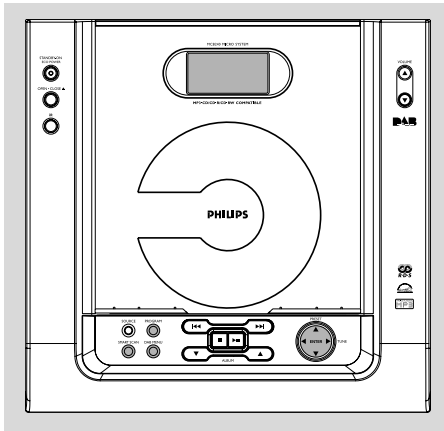⑥ To start playback of your disc program, press ► ❚❚ directly.

Reviewing the program

In STOP mode, press and hold **PROGRAM** until the display shows all your stored track number in sequence.

Erasing the program
You can erase the program by:

● pressing **STOP ■** once in the STOP mode;

● pressing **STOP ■** twice during playback;
➜ PROG disappears and PROG CLR displays briefly.

● opening the CD compartment;

→ Press **TUNE ◄** / **►** once or more (or �◄/
►switch on the remote) to enter **Autoscan full**
(see **Tuning/retuning**)

Next time you tune to DAB

● If the tuning fails, the display shows Station not
available
or Station off-air.
→ Retuning to alternative services/frequency
starts automatically.
→ A dot appears in the screen every 0.5
second.
→ After successful tuning, the station name
appears and broadcasting text scrolls.

● If retuning also fails, the display shows
Station not
available or Station off-air. You can either
→ Use Autoscan to refresh the list of available
stations (see **Resetting**).
→ Press **ENTER** to go to a tuning indication
(see **Tuning/retuning**: **To improve
reception**).

```
Station not
available
                    DAB
```

Tuning/retuning

Autoscan

Autoscan local - scans all the UK frequencies
(in default setting)
Autoscan full - scans all Band III and Band L
frequencies.

● To start **Autoscan local**, briefly press **SMART
SCAN**.

● To start **Autoscan full**, press and hold
SMART SCAN until Scanning... appears.
→ Display shows Scanning... and the number
of stations having been detected. A progress bar
appears, indicating the scanning progress.

DAB reception

❶ Press **STANDBY-ON/ECO POWER**⏻ to on,
then press **SOURCE** to select DAB (or press
DAB on the remote control).
→ Display shows **Welcome to Digital Radio**,
followed by Searching... and/or
Now tuning...
→ The list of available stations is created/
restored, and the set tunes to the last station
detected / selected.
→ The name of current station is shown in the
1st display line. The broadcasting text, if available,
scrolls in the 2nd display line (DLS in default
setting).

```
BBC NEWS
DLS scrolling...
                    DAB
```

The first time you tune to this DAB

● If the tuning fails, the display shows No stations
available
for 5 seconds and ✦✦ or ENTER appears.

```
✦ ✦ or ENTER
✦Manual tune        ✦
                    DAB
```

DAB Reception

Notes:

– When moving to another place, you can use Autoscan to refresh the list of available stations.

– If no station is found during autoscan, the display will show `No stations available` *. (See Troubleshooting)*

Manual tune

With Manual Tune, you can quickly access your desired station according to its channel number.

1. Press **DAB MENU** to enter the advanced setup menu.

2. Push **TUNE ◀ / ▶** once or more (or |◀◀/▶▶| on the remote) and then, **ENTER** to select **Manual tune**.
   → Display shows the first channel number and the respective frequency.

3. If necessary, press **TUNE ◀ / ▶** once or more (or |◀◀/▶▶| on the remote) to select your desired channel number in the list of available channel numbers.

4. Press **ENTER** to confirm your selection.
   → Display shows the channel number and multiplex name. A bar appears, showing reception strength.

5. Press **ENTER** again to tune to the station.

To improve reception

1. Press **ENTER** when tuning to a station.
   → A tuning indication appears:
   ▰▰▰▰▰▱▰▰▰▰▰▰ maximum reception
   ▰▰▰▰▰▱ good reception
   ▰▰▰▰ ▯ inadequate reception
   ▯ no reception

2. To improve reception, extend and adjust the T-shape antenna.

```
▰▰▰▰▰▰▱▱▱
  11B     Digital
          DAB
```

Note:

– If any action is not confirmed within 7 seconds, it will be cancelled automatically.

– It is recommended to hang up one end of the T-shape antenna and keep the other end at horizontal angle to it.

Selecting a station

After your DAB has been tuned, you can select a station using the Navigation controls.

1. Push **TUNE ◀ / ▶** once or more (or |◀◀/▶▶| on the remote) to scroll the list of stored stations.
   → 1st display line: current station you are tuning to 2nd display line: station name changes as you scroll through the list.

2. When your desired station appears, press **ENTER** to select the station.
   → Tuning to the station starts.

```
Classic FM
◀BBC R4  »        ⧉
          DAB
```
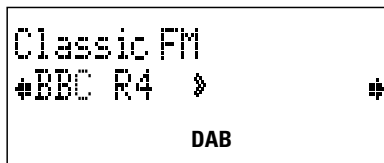
Indication of display symbols

⧉ .... The station is one of your most listened to stations;

.... The list of available stations is now sorted by the station order of favorite stations. (See **Fav station** in **Sorting stations**).

```
Classic FM
◀GWR          ⧉1◀
          DAB
```
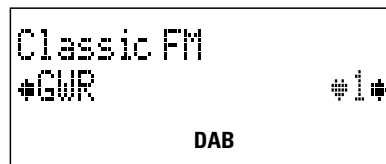
A number ...... Preset number assigned to presets (e.g., 1, 2);

? .... Station off air

```
Classic FM
◀?GWR              1▶

         DAB
```
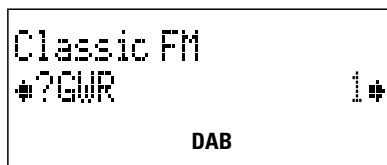
◀............................... A primary service, followed by secondary services

▶............................... A secondary service, preceded by a primary service

◀▶ .... You can press **TUNE** ◀ / ▶ (or |◀◀/▶▶| on the remote) to scroll backward/forward the list.

If tuning to a selected station fails:

● the display shows Station not available or

Station off-air.

→ Retuning to alternative services/frequency starts.

→ A dot appears in the screen every 0.5 second.

→ After successful tuning, the station name appears and broadcasting text scrolls.

● If the retuning also fails, the display shows

Station not available or Station off-air. You should then either:

→ Use Autoscan to refresh the list of available stations (see **Resetting**).

→ Press **ENTER** to go to a tuning indication (see chapter **Tuning/retuning**, **To improve reception**).

Saving presets

You can store up to 10 DAB radio stations in the memory.

Manual programming

❶ Select your desired station (See **Selecting a station**).

→ The name of current station is shown in the 1st display line. The broadcasting text, if available, scrolls in the 2nd display line (DLS in default setting).

❷ Press **PROGRAM** (make sure you have selected your desired station and the list of stations has disappeared from the 2nd display line).

→ Display shows: current station name at the top display line and the stations saved in program locations at the bottom.

```
Classic FM
◀Music 4           4▶

         DAB
```
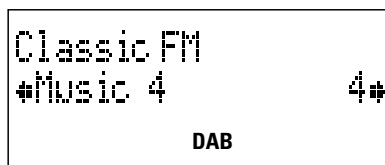
❸ Press **PRESET** ▲ / ▼ (or **ALBUM/PRESET** ▲ / ▼ on the remote) once or more to find a free location to store your new station.

❹ Press **PROGRAM**.

→ Display: Preset X saved when a station is successfully saved (where X denotes a preset station number).

```
Classic FM
◀Empty preset      4▶

         DAB
```

```
Classic FM
Preset 4 saved

         DAB
```
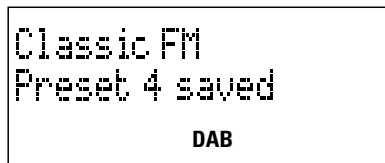
Notes:

– You can erase a preset station by storing another frequency in its place.

– If you have saved presets using Manual programming, always select Fav station option when using Station order sorting.

Recalling a preset

❶ Press **PRESET** ▲ / ▼ (or **ALBUM/PRESET** ▲ / ▼ on the remote) once or more to find your desired preset.

DAB Reception

→ Display shows: current station name at the top display line and available presets at the bottom.

❷ Press **ENTER** to confirm.
→ Your desired preset radio station plays.

Viewing the service info

You can view the DAB service info in the following 7 information modes. Depending on the DAB radio station you are tuning to, some information modes may be unavailable.

● To scroll through the information options, press **DISPLAY•ID3** repeatedly until your desired option appears.
→ 1st display line: current station name. 2nd display line: selected service info

DLS (Dynamic Label Segments)
– Displays the scrolling broadcasting text (in default setting).

Program Type
– Describes content type (e.g. jazz, pop)

Multiplex Name
– Specifies the multiplex of current service. (A multiplex is a group of stations broadcast by a multiplex operator.)

Date and Time
– Shows the date & time of current multiplex.

Channel & Frequency
– Displays the channel and central frequency of current multiplex.

Bit Rate and Audio Status
– Displays the transmission rate of broadcasting date in bits per second (kbps);
– Display the audio status of current service in stereo or mono.

Signal Error Rate
– Indicates signal quality: 0-15: Good; 16-30: Acceptable; 30 or more: Poor.

```
Classic FM
Digital Network
                    DAB
```

Sorting stations

By sorting stations, you can define in what order the available stations are listed when the DAB is tuned.

❶ Press **DAB MENU**.

❷ Push **TUNE ◀ / ▶** (or I◀◀/▶▶I on the remote) and press **ENTER** to select **Station order**.
→ 1st display line: current station order. 2nd display line: list of options, including:

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

Fav station
– Depending on the length of listening time, the set automatically lists 10 stations you most frequently listen to in alphanumeric order (favorite ones in the front and others at the back).

Active station
– Displays active/inactive stations (active ones in the front and inactive ones at the back).

```
Fav station
◆Active station    ◆
                    DAB
```

Prune stations
– Removes inactive stations from the list.

❸ Push **TUNE ◀ / ▶** (or I◀◀/▶▶I on the remote) and press **ENTER** to select your desired option.
→ Station order is changed as specified.
→ The last selected station continues to play.
→ Next time you tune the DAB, the available stations are listed in the changed order.

Dynamic range control (DRC)

With the 3 DRC value options, you can adjust the difference in loudness according to your listening environment:

❶ Press **DAB MENU**.

❷ Push **TUNE ◀ / ▶** once or more (or I◀◀/▶▶I on the remote) and then, **ENTER** to select **DRC value**.

❸ If necessary, push **TUNE ◀ / ▶** once or more (or I◀◀/▶▶I on the remote) and then, **ENTER** to select your desired **DRC value**.

DRC 0 (for outdoor use), DRC 1/2 (for in-home use), DRC 1 (for headphone use).

```
DRC 1
⊹DRC 0            ⊹
                        DAB
```
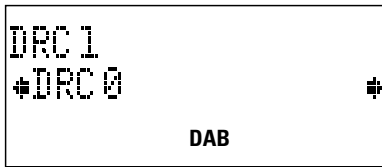
Resetting

If desired, you can restore your radio to its default setting by using **DAB MENU**.
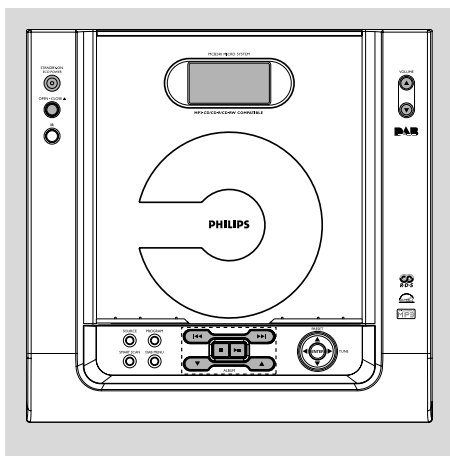
❶ Press down on **DAB MENU** for more than 2 seconds.

➔ Display shows: Press ENTER to confirm reset...

❷ Press **ENTER** to confirm resetting.

```
Press ENTER to
confirm reset...
                        DAB
```

Note:
– If any of your action is not confirmed within 7 seconds, it is cancelled automatically.

FM Radio Reception

Tuning to radio stations

1. Press **SOURCE** on the front panel of the system or **TUNER** on the remote to select TUNER.

2. Press and hold **TUNE ◄ / ►** (or |◄◄/►►| on the remote).
   → The radio automatically tunes to a station with sufficient reception. Display indication during automatic tuning: SEARCH.

3. Repeat step **2** if necessary until you find the desired station.

● To tune to a weak station, press **TUNE ◄ / ►** (or |◄◄/►►| on the remote) briefly and repeatedly until you have found optimal reception.

Programming radio stations

You can store up to a total of 30 FM radio stations in the memory.

Automatic programming

Automatic programming will start with from preset 1 and stop a the last programmed station. All the former programmed radio stations will be overridden.

1. Press **PRESET▲ / ▼** (or **ALBUM/PRESET ▲ / ▼** on the remote) to select the preset number where programming should start.

Note:
– If no preset number is selected, default is preset (1) and all your presets will be overridden.

2. Press **PROGRAM** for more than 2 seconds to activate programming.
   → AUTO PROGRAM is displayed and available stations are programmed in order of waveband reception strength: RDS followed by FM. The last preset automatically stored will then be played.

Manual programming

1. Tune to your desired station (see "Tuning to radio stations").

2. Press **PROGRAM** to activate programming.

3. Press **PRESET ▲ / ▼** (or **ALBUM/PRESET ▲ / ▼** on the remote) to allocate a number from 1 to 30 to this station.

4. Press **PROGRAM** again to confirm the setting.
   → The preset number and the frequency of the preset station are shown.

5. Repeat the above four steps to store other stations.

● You can override a preset station by storing another frequency in its place.

Tuning to preset radio stations

● Press **PRESET ▲ / ▼** (or **ALBUM/PRESET ▲ / ▼** on the remote) until the desired preset station is displayed.

RDS

Radio Data System is a service that allows FM stations to show additional information. If you are receiving a RDS station, *R·D·S* and the station name are displayed.
When automatic programming is used, RDS stations will be programmed first.

Scrolling through different RDS information

● Press **RDS** briefly and repeatedly to scroll through the following information (if available):
  – Station name
  – Programme type such as NEWS, SPORT, POP M ...
  – Radio text messages
  – Frequency

Note:

– If you press RDS and the RDS signal is not available NO RDS *is displayed.*

Setting the RDS clock

Some RDS radio station may be transmitting a real clock time at an interval of every minute. It is possible to set the clock by using a time signal which is broadcast together with the RDS signal.

① Tune to a RDS station.

② The system will read the RDS time and set the clock automatically.

Note:

– Some RDS radio station may be transmitting a real time clock at a minute interval. The accuracy of the transmitted time depends on the transmitting RDS radio station.

RDS Programme types

NO TYPE	No RDS programme type
NEWS	News services
AFFAIRS	Politics and current affairs
INFO	Special information programmes
SPORT	Sports
EDUCATE	Education and advanced training
DRAMA	Radio plays and literature
CULTURE	Culture, religion and society
SCIENCE	Science
VARIED	Entertainment programmes
POP M	Pop music
ROCK M	Rock music
MOR M	Light music
LIGHT M	Light classical music
CLASSICS	Classical music
OTHER M	Special music programmes
WEATHER	Weather
FINANCE	Finance
CHILDREN	Children's programmes
SOCIAL	Social Affairs
RELIGION	Religion
PHONE IN	Phone In
TRAVEL	Travel
LEISURE	Leisure
JAZZ	Jazz Music
COUNTRY	Country Music
NATION M	National Music
OLDIES	Oldies Music
FOLK M	Folk Music
DOCUMENT	Documentary
TEST	Alarm Test
ALARM	Alarm

Clock/Timer
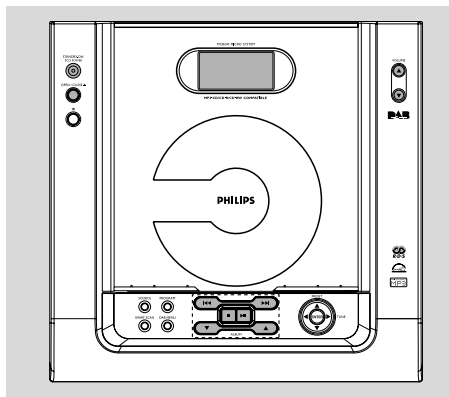
Setting the clock

The clock can be set in either 12-hour or 24-hour mode ("ＡＭ 12:00" or "00:00", for example).

1 In normal standby mode, press **CLOCK SET**.
→ The clock digits for the hours flash.

2 Press **PROGRAM** on the set repeatedly to select the clock mode.
→ "ＡＭ 12:00" or "00:00" is displayed with "ＡＭ 12" or "00" flashing.

3 Press **VOLUME** (▲ / ▼) (**+/-**) to set the hours.

4 Press **CLOCK SET** again.
→ The clock digits for the minutes flash.

5 Press **VOLUME** (▲ / ▼) (**+/-**) to set the minutes.

6 Press **CLOCK SET** to confirm the time.

Note:
– The backlight for clock display is dim in standby.

Viewing the clock

● Press **CLOCK SET** in power-on mode.
→ The clock time is displayed.

Setting the timer

● The system can be used as an alarm clock, whereby the CD, TUNER, DAB, AUX is switched on at a set time. The clock time needs to be set first before the timer can be used.

● During setting, if no button is pressed within 90 seconds, the system will exit timer setting mode automatically.

1 In normal standby mode, press and hold **TIMER** on the remote control for more than 3 seconds.
→ The display shows SET TIMER and the clock digits for the hours flash.

2 Press **VOLUME** (▲ / ▼) (**+/-**) to set the hours.

3 Press **TIMER** again.
→ The clock digits for the minutes flash.

4 Press **VOLUME** (▲ / ▼) (**+/-**) to set the minutes.

5 Press **TIMER** to confirm your desired mode or just wait a while without any operation.
→ The display shows SET SOURCE and a source option flashes.

6 Press **VOLUME** (▲ / ▼) (**+/-**) to select sound source.
→ Display sequence shows CD, TUNER, DAB, AUX.

6 Press **TIMER** again to confirm.
→ The timer is now set and activated.

Activating and deactivating TIMER

● Press **TIMER** on the remote to turn off the timer or turn on to the last setting again.
→ If activated, the display shows ☼.

Note:
– The system will exit timer setting mode if no button is pressed within 90 seconds.

Activating and deactivating SLEEP

The sleep timer enables the system to switch off by itself after a set period of time.

● Press **SLEEP** on the remote control.
→ SLEEP flashes and the display shows one of the sleep time options in sequence: 90, 80, 70, 60, 50, 40, 30, 20, 10, OFF... if you have selected a time. Once **SLEEP** is activated, SLEEP is displayed.

● To deactivate, press **SLEEP** on the remote control once or more until OFF is shown, or press **STANDBY-ON/ ECO POWER** (or ⏻ on the remote).
→ SLEEP disappears.
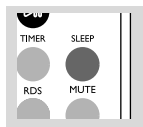
AMPLIFIER

Output power .... 2 × 5 W RMS
.... 10 W + 10 W MPO
Signal-to-noise ratio .... ≥ 62 dBA
Frequency response .... 63 – 16000 Hz, ± 3 dB
Input sensitivity AUX .... 0.5 V (max. 2 V)
Impedance loudspeakers .... 4 Ω
Impedance headphones .... 32 Ω
.... <0.5W

CD PLAYER

Frequency range .... 30 – 16000 Hz
Signal-to-noise ratio .... 75 dBA

TUNER

FM wave range .... 87.5 – 108 MHz
DAB wave range .... Band III and Band L
Sensitivity at 75 Ω
– mono, 26 dB signal-to-noise ratio .... 2.8 µV
– stereo, 46 dB signal-to-noise ratio .... 61.4 µV
Selectivity .... ≥ 28 dB
Total harmonic distortion .... ≤ 5%
Frequency response ..... 63 – 12500 Hz (± 3 dB)
Signal-to-noise-ratio .... ≥ 50 dBA

SPEAKERS

Bass reflex system
Dimensions (w × h × d) .... 166 × 245 × 90 (mm)

GENERAL INFORMATION

AC Power .... 220 – 240 V / 50 Hz
Dimensions (w × h × d) .... 250 × 245 × 96 (mm)
Weight(with/without speakers) ...... 4.15 / 2.31 kg
Standby power consumption .... <7 W
Eco power standby .... <1 W

Specifications and external appearance are subject to change without notice.

Maintenance

Cleaning the Cabinet

● Use a soft cloth slightly moistened with a mild detergent solution. Do not use a solution containing alcohol, spirits, ammonia or abrasives.

Cleaning Discs

● When a disc becomes dirty, clean it with a cleaning cloth. Wipe the disc from the centre out.

● Do not use solvents such as benzene, thinner, commercially available cleaners, or antistatic spray intended for analogue records.

Cleaning the disc lens

● After prolonged use, dirt or dust may accumulate at the disc lens. To ensure good playback quality, clean the disc lens with Philips CD Lens Cleaner or any commercially available cleaner. Follow the instructions supplied with cleaner.

Troubleshooting

WARNING
Under no circumstances should you try to repair the system yourself, as this will invalidate the warranty. Do not open the system as there is a risk of electric shock.

If a fault occurs, first check the points listed below before taking the system for repair. If you are unable to remedy a problem by following these hints, consult your dealer or Philips for help.

Problème	Solution
"NO DISC" is displayed.	✔ Insert a disc. ✔ Check if the disc is inserted upside down. ✔ Wait until the moisture condensation at the lens has cleared. ✔ Replace or clean the disc, see ''Maintenance''. ✔ Use a finalised CD-RW or correct format disc.
Radio reception is poor.	✔ If the signal is too weak, adjust the antenna or connect an external antenna for better reception. ✔ Increase the distance between the Micro HiFi System and your TV or VCR. ✔ Hang up one end of the T-shape antenna and keep the other end at horizontal angle to it.
The system does not react when buttons are pressed.	✔ Remove and reconnect the AC power plug and switch on the system again.
Sound cannot be heard or is of poor quality.	✔ Adjust the volume. ✔ Disconnect the headphones. ✔ Check that the speakers are connected correctly. ✔ Check if the stripped speaker wire is clamped.
The left and right sound outputs are reversed.	✔ Check the speaker connections and location.
The remote control does not function properly.	✔ Select the source (CD or TUNER, for example) before pressing the function button (▶❚❚ , ❙◀◀, ▶▶❙). ✔ Reduce the distance between the remote control and the system. ✔ Insert the battery with its polarities (+/– signs) aligned as indicated. ✔ Replace the battery. ✔ Point the remote control directly toward IR sensor on the front of the system.
The timer is not working.	✔ Set the clock correctly. ✔ Press TIMER to switch on the timer.
The Clock/Timer setting is erased.	✔ Power has been interrupted or the power cord has been disconnected. Reset the clock/timer.