

# Micro Hi-Fi System

MCB275

User manual

Brugervejledning

Brukerhåndbok



# 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  $\frac{1}{2}$ ) 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.

## Norge

Typeskilt finnes på apparatens underside.

**Observer: Nettbryteren er sekundert innkoplet. Den innebygde nettdelen 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.





English ..... 6

Dansk ..... 31

Bokmål ..... 56

English

Dansk

Bokmål

# Contents

## General Information

Supplied accessories .....	7
Environmental information .....	7
Safety Information .....	7
About Digital Audio Broadcasting (DAB) .....	8
Hearing Safety .....	8

## Controls

Controls on the set .....	9
Remote control .....	10-11

## Installation

Placing MCB275 .....	11
Mounting stand onto the set	
Mounting MCB275 onto walls	
Rear connections .....	12
Connecting an additional appliance .....	13
Connecting a USB device	
Connecting a non-USB device	
Using AC power .....	14

## Preparations

Before using the remote control .....	15
Replacing battery (lithium CR2025) into the remote control .....	15
Setting the clock .....	15

## Basic Functions

Switching on/off the set and selecting functions .....	16
Switching between Standby and ECO POWER mode .....	16
Auto-standby .....	16
Volume control .....	16
Volume adjustment	
MUTE	
Sound control .....	16
DSC	
DBB	
Displaying the clock .....	17

## CD

Discs for playback .....	17
Playing discs .....	17-18
Selecting and searching .....	18
Selecting a different track	
Finding a passage within a track during playback	
Programming tracks .....	18~19
Erasing the program	

Different play modes: REPEAT, SHUFFLE .....	19
Display track information (MP3 only) .....	19

## DAB Reception

Tuning to DAB for the first time .....	20
Re-tuning .....	20
Manual tuning .....	20
DAB information display .....	21
Menu operation .....	21
Programming DAB stations .....	21
Tuning to preset DAB stations .....	21

## Tuner

Tuning to radio stations .....	22
Programming radio stations .....	22
Autostore: Automatic programming	
Manual programming	
To listen to a preset station	
RDS (Radio Data System) .....	23
Switching through RDS information	
Automatic clock setting via RDS	

## External Sources

Using a USB mass storage device .....	24-25
Playing a USB mass storage device	
AUX (Listening to an external source) .....	25

## Timer

Setting the timer .....	26
Activating and deactivating TIMER .....	26

## SLEEP

.....	26
-------	----

## Specifications

.....	27
-------	----

## Maintenance

.....	27
-------	----

## Troubleshooting

.....	28-29
-------	-------

## Appendix

.....	30
-------	----

## Supplied accessories

- 2 speaker boxes including 2 speaker cables
- remote control (with 1 x CR2025 battery)
- stand
- mounting kit
- 1 X certified AC/DC adapter (Input: 100-240V ~ 50-60Hz 0.8A MAX., Output: 14V  $\equiv$  1.8A)

## 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.**

## Safety Information

- 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.
- Install this unit near the AC outlet and where the AC power plug can be reached easily.
- 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.
- **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](http://www.drdb.org).

## 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.



## Controls on the set (illustrations on page 3)

### ① STANDBY-ON/ ECO POWER

- press briefly to switch the set on or off (standby/ ECO POWER);
- **In standby or Eco Power mode:** press and hold to toggle between Standby and ECO POWER mode (power-saving mode).
- **Red indicator:** lights up red when the set is switched to ECO POWER mode.

### ② SOURCE

- selects sound source **DAB, FM, DISC, USB** or **AUX**.
- **In standby or Eco Power mode:** switches the set on and selects sound source **DAB, FM, DISC, USB** or **AUX**.

### ③ IR

- sensor for the infrared remote control
- Helpful hints:** Always point the remote control towards this sensor.

### ④ PUSH OPEN

- push to unfold or fold the control panel.

### ⑤ CD OPEN • CLOSE ▲

- opens/closes the CD door.

### ⑥ CD door

### ⑦ VOLUME

- adjusts the volume level.

### ⑧

- 3.5 mm headphone socket

#### **Helpful hints:**

- Adjust the volume to a moderate level before you plug in the headphones.
- Connecting headphones will switch off the speakers.

### ⑨ ALBUM/ PRESET + /-

- **CD/USB:** selects albums (for MP3/WMA only).
- **FM/DAB:** selects a preset radio station.

#### **◀◀ / ▶▶**

- **CD/USB:** skips or searches CD tracks/titles backwards/forwards.
- **FM/DAB:** tunes to radio stations.
- **Clock/Timer:** adjusts the hours and minutes.

#### **OK / ▶ II**

- **CD/USB:** starts or pauses playback.
- **DAB:** press to select an option.
- **DAB:** press and hold to start manual tuning.

### ⑩ DBB (Dynamic Bass Boost)

- turns the bass enhancement on/off.

### ⑪ MENU

- selects DAB full scan, quick scan, manual tuning, language and DRC value.

### ⑫ SCAN/PROGRAM

- **CD/USB:** programs tracks.
- **FM:** programs preset radio stations.
- **DAB:** starts DAB service scanning.

### ⑬ STOP

- **CD/USB:** stops playback; erases a program

### ⑭ AUX-IN

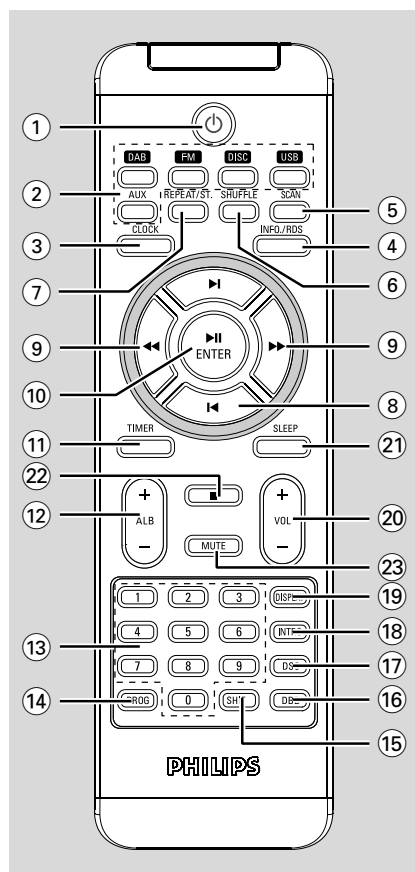
- connects to the AUDIO OUT jack on the external appliance

### ⑮

- jack for the external USB mass storage device

# Controls

## Remote control



### 1 Power

- switches the system on or to Eco Power standby/normal standby with clock display.

### 2 SOURCE

- selects the respective sound source for DAB/FM/DISC/USB/AUX.

### 3 CLOCK

- sets the clock function.

### 4 INFO./RDS

- for FM, displays RDS information.

### 5 SCAN

- starts auto-scanning for DAB frequencies.

### 6 SHUFFLE

- plays disc tracks randomly.

### 7 REPEAT/ST.

- for CD/MP3/USB selects a repeat playback mode.
- for FM ..... sets stereo or mono sound mode.

### 8 ◀/▶

- for CD/MP3-CD/USB ..... skips to the beginning of a current/previous/subsequent track.
- for clock/timer ..... adjusts the hours and minutes.
- for FM and DAB ..... tunes to preset FM radio station or DAB frequency.

### 9 ◀◀/▶▶

- for CD/MP3-CD/USB fast searches back and forward within a track/disc (press and hold).

### 10 ENTER/▶ II

- starts or interrupts playback.
- press to select an option (DAB only).

### 11 TIMER

- sets the timer function.

### 12 ALB +/-

- for MP3-CD/USB skips to the beginning of a current/previous/subsequent album.

### 13 Numerical Keypad (0~9)

- (for CD/MP3/USB) selects a track directly.
- (for FM) selects a preset FM radio station directly.

### 14 PROG

- for CD/MP3/USB programs tracks.
- for FM/DAB ..... programs radio stations.

### 15 SHIFT

- inputs a number larger than 10 (used together with the Numerical Keypad).

### 16 DBB (Dynamic Bass Boost)

- enhances the bass.

### 17 DSC (Digital Sound Control)

- selects sound characteristics: CLASSIC/POP/JAZZ/ROCK.

## 18 INTRO

for CD/MP3/USB starts scanning of all tracks.

## 19 DISPLAY

for CD/MP3/USB displays track information during playback.

## 20 VOL + / -

- adjusts the volume level.
- adjusts the hours and minutes for the clock/timer function.

## 21 SLEEP

- selects the sleeper time.

## 22 ■

- stops disc playback or erases a disc/USB program.

## 23 MUTE

- interrupts and resumes sound reproduction.

### 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 DISC, FM).**
- **Then select the desired function (for example ► II, ◀◀, ►►).**

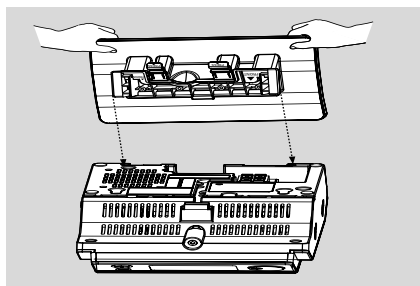
## Placing MCB275

With the detachable stand, MCB275 allows you to place it in two ways: **on desktops with stand** or **on walls without stand**.

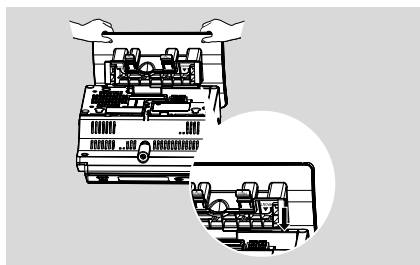
### Mounting stand onto the set

MCB275 is equipped with a stand. To mount the stand onto the set,

- 1 Put MCB275 on a flat and firm surface, rear side facing up.
- 2 As shown, align the stand to the slots at set's bottom, ▼ **FRONT** facing down.



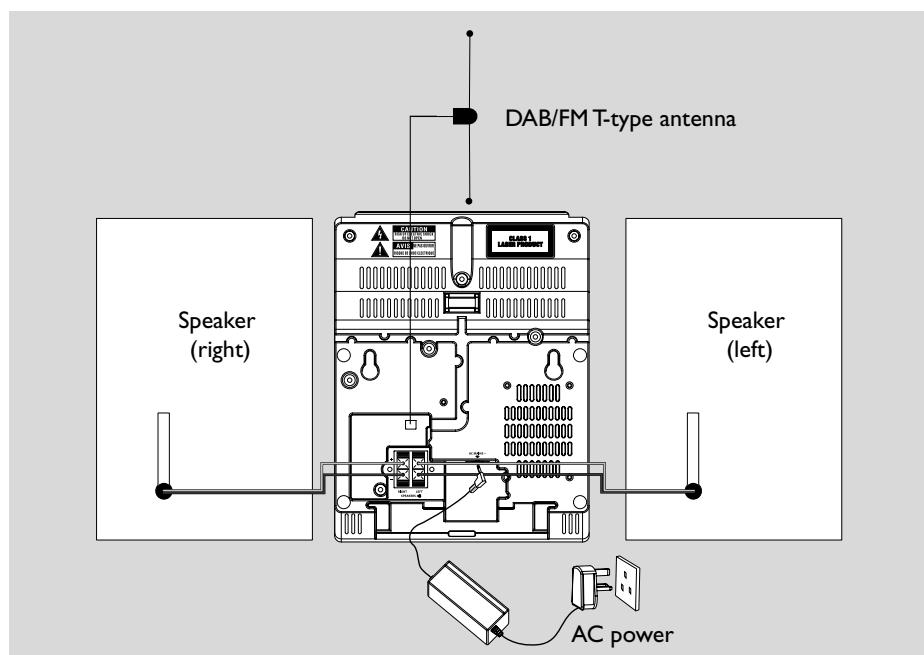
- 3 Push the stand down into the slots.  
→ When the stand is in place, you will hear a click.



### Mounting MCB275 onto walls

See **Appendix: How to mount your MCB275 onto walls** to learn more about wall mounting.

# Installation



## Rear connections

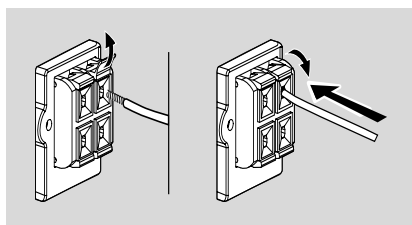
### Warning:

- **Never make or change connections with the mains supply switched on.**
- **Install your set near the AC outlet and where the AC power plug can be reached easily.**

### Speaker connections

**Use the supplied speakers only. Using other speakers can damage the set or the sound quality will be negatively affected.**

- b. Press the clip of the black terminal and fully insert the stripped portion of the black (or unmarked) speaker cable into the socket, then release the clip



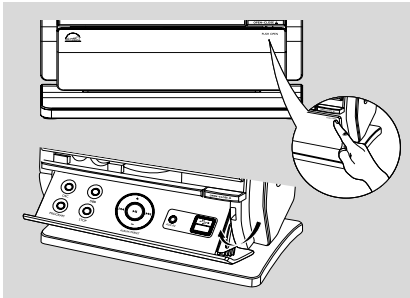
- Connect the cable of the left speaker to **LEFT** (red and black) and the cable of the right speaker to **RIGHT** (red and black) as follows:
  - a. Press the clip of the red terminal and fully insert the stripped portion of the colored (or marked) speaker cable into the socket, then release the clip


## Connecting an additional appliance

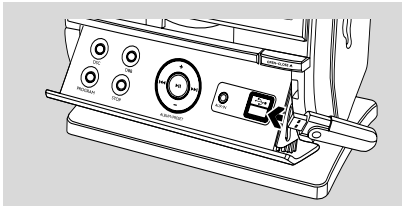
### Connecting a USB device or memory card

By connecting a USB mass storage device (including USB flash memory, USB flash players or memory cards) to the Hi-Fi system, you can enjoy the device's stored music through the powerful speakers of Hi-Fi system.

- 1 Check you have unfolded the control panel.




- 2 Insert the USB device's USB plug into the socket  on the set's foldable control panel.




or

#### for the devices with USB cable:

- a. Insert one plug of the USB cable (not supplied) to the socket  on the set's foldable control panel.
- b. Insert the other plug of the USB cable to the USB output terminal of the USB device.

or

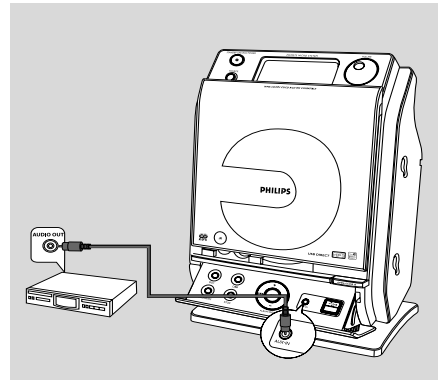
#### for the memory card:

- a. Insert the memory card into a card reader (not supplied).
- b. Use a USB cable (not supplied) to connect the card reader to the socket  on the set's foldable control panel.

### Connecting a non-USB device

It is possible to use an additional appliance, e.g. TV, VCR or CD recorder with the set. On MCB275, you can playback music from an external source.

- 1 Follow Step 1 under **Connecting a USB device**.
- 2 Insert one plug of the audio cable (not supplied) to the socket **AUX IN** on the set's foldable control panel.
- 3 Connect the other end of the audio cable to the **AUDIO OUT** terminal of the additional appliance.



- 4 Select **AUX** mode on the set.

#### Helpful hints:

- Always refer to the owner's manual of other equipment for complete connection.

# Installation

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## Using AC power

- ① Make sure all the connections have been made before switching on the power supply.
- ② Connect the AC power adaptor to the wall socket. This switches on the power supply.

When MCB275 is switched to standby, it is still consuming some power: **To disconnect the system from the power supply completely, remove the power plug from the wall socket.**

**The type plate is located on the rear of the set.**

**For users in the U.K.: please follow the instructions on page 2.**

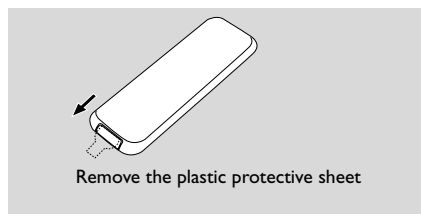
### **Warning!**

**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).**

# Preparation

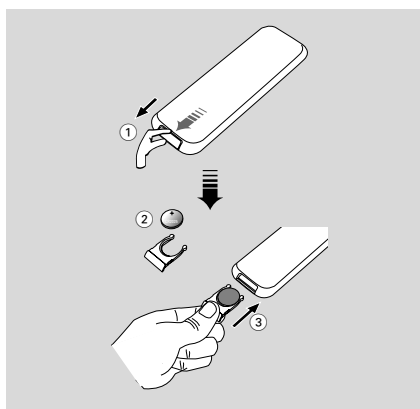
## Before using the remote control

- ❶ Pull out the plastic protective sheet.
- ❷ Select the source you wish to control by pressing one of the source select keys on the remote control (for example DISC, FM).
- ❸ Then select the desired function (for example ► II , ◀◀ , ►►).



## Replacing battery (lithium CR2025) into the remote control

- ❶ Press the slot on the battery compartment.
- ❷ Pull out the battery compartment.
- ❸ 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.

## Setting the clock

After connecting MCB275 to the power supply, set the clock first.

- ❶ Press and hold **STANDBY-ON/ ECO POWER** to switch the set to Standby mode.  
→ The display shows the set time.
- ❷ In the standby mode, press and hold **CLOCK** on the remote control.  
→ The hours digits start flashing.
- ❸ Press ◀◀ / ►► (or ◀ / ► on the remote control) repeatedly to set the hours.
- ❹ Press **CLOCK** to confirm.  
→ The minute digits start flashing.
- ❺ Press ◀◀ / ►► (or ◀ / ► on the remote control) repeatedly to set the minutes.
- ❻ Press **CLOCK** to confirm.  
– To exit without storing the clock setting press **STOP** ■

### Helpful hints:

- The clock setting will be erased when the system is disconnected from the power supply.
- The set will exit from the clock setting mode if no button is pressed within 90 seconds.
- To set the clock automatically by using a time signal which is broadcast together with the RDS signal see chapter **RDS: Automatic clock setting via RDS**.

# Basic Functions

## Switching on/off the set and selecting functions

- 1 To switch on, press **STANDBY-ON/ ECO POWER** or **SOURCE** on the set (or  $\odot$  on the remote control).  
→ The set switches to the last source selected.
- OR**  
On the remote control, press the source button (e.g. **DAB, FM, DISC, USB, AUX**).
- 2 When the set is on, press **STANDBY-ON/ ECO POWER** to switch off (or  $\odot$  on the remote control).
- 3 To select your function, press **SOURCE** once or more on the set (or **DAB, FM, DISC, USB, AUX** on the remote control).

### Helpful hints:

- You can also switch on the set by pressing **CD OPEN • CLOSE**.

## Switching between Standby and ECO POWER mode

- 1 When the set is switched off, press and hold **STANDBY-ON/ ECO POWER** to switch between Standby and ECO POWER mode (or  $\odot$  on the remote control)  
**In ECO POWER mode** (power-saving mode):  
→ The display is switched off.  
→ The **Red** indicator lights up.  
**In Standby mode:** → The clock is displayed.

### Helpful hints:

- In the standby/Eco power mode, the tone, sound settings, tuner presets and the volume level (up to a maximum volume level of 12) will be retained in the set's memory.

## Auto-standby

When the set has reached the end of CD playback and remains in the stop position for more than 15 minutes, the set will switch off automatically to save power.

## Volume control

### Volume adjustment

- Adjust the volume by using the **VOLUME** rotary on the set or by pressing **VOLUME +/-** on the remote control.  
→ **VOL** and the actual value (between 1 and 31) are displayed.  
→ **VOL MIN** is the minimum volume level.  
→ **VOL MAX** is the maximum volume level.

### MUTE

You can temporarily switch off the sound without switching off the set.

- 1 Press **MUTE** on the remote control to switch off the sound.  
→ **MUTE** appears. Playback continues without sound.
- 2 To switch on the sound, you can:
  - press **MUTE** again;
  - adjust the volume controls;
  - change source

## Sound control

### DSF

**D**igital **S**ound **C**ontrol enables you to select predefined sound settings.

- Press **DSF** repeatedly to select the desired sound setting: **CLASSIC, POP, JAZZ, ROCK**.

### DBB

- Press **DBB** (**D**ynamic **B**ass **B**oost) once or more to switch bass enhancement on or off.  
→ **DBB** appears if **DBB** is activated.

## Displaying the clock

- During playback, press **CLOCK** on the remote control repeatedly to switch between the clock display and the playback display.



## Discs for playback

With this system, you can play

- all pre-recorded audio CDs (CDDA)
- all finalized audio CD-Rs and CD-RWs
- MP3/WMA-CDs (CD-Rs/CD-RWs with MP3/WMA files)



### IMPORTANT!

– **This system is designed for regular discs. Therefore, do not use any accessories such as disc stabilizer rings or disc treatment sheets, etc.**

## About MP3/WMA

The music compression technology MP3 (MPEG1 Audio Layer 3) and WMA (Windows Media Audio) significantly reduces the digital data of an audio CD while maintaining CD quality sound.

**Windows Media Audio® is a registered trademark of Microsoft Corporation.**

### Supported formats:

- Disc format ISO9660, Joliet, UDF (created on Adaptec Direct CD) and multi-session CDs
- MP3 bit rate (data rate): 32-320 Kbps and variable bit rate
- Directory nesting up to a maximum of 8 levels
- Max. track number plus album: 500
- WMA v9 or earlier



### The system will not play or support the following:

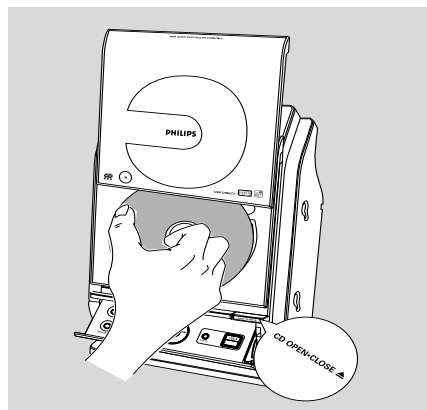
- Empty albums: an empty album is an album that does not contain MP3/WMA files, and will not be shown in the display.
- Non-supported file formats are skipped. This means that e.g.: Word documents .doc or MP3 files with extension .dlf are ignored and will not be played.
- DRM protected WMA files
- WMA files in Lossless or VBR format


### IMPORTANT!

- Make sure that the file names of MP3 files end with .mp3.
- For DRM protected WMA files, use Windows Media Player 10 (or later) for CD burning/conversion. Visit [www.microsoft.com](http://www.microsoft.com) for details about Windows Media Player and WM DRM (Windows Media Digital Rights Management).

## Playing discs

- 1 Press **SOURCE** once or more to select **CD** (or **CD** on the remote control)  
→ The CD icon  appears
- 2 Press **CD OPEN-CLOSE**  to open the CD compartment.  
→ **OPEN** is displayed



- 3 Insert a disc with the printed side facing up. Press **CD OPEN-CLOSE**  again to close the compartment  
→ **READING** is displayed as the CD player scans the contents of a disc  
→ **Audio CD**: the total number of tracks and playing time are shown  
**MP3**: Display shows current album number "A x x" and current track number "T x xx"

# CD

## Helpful hints:

– If you have not organized MP3/WMA files into any albums on your disc, an album “00” will be automatically assigned for all those files.

- 4 Press ► II to start playback.  
→ Display shows current track number and elapsed playing time.
- 5 To pause playback, press ► II. To resume playback, press the button again.
- 6 To stop playback, press **STOP ■**.

## Helpful hints:

CD play will also stop when

- the CD door is opened
- the disc has reached the end
- you select another source: **DAB, FM, USB or AUX**

## Selecting and searching

### Selecting a different track

- Press I◀◀ / ▶▶I (or I◀ / ▶I on the remote control) once or repeatedly until the desired track number appears in the display.

**MP3:** → Track information scrolls briefly.

### MP3:

- Press **ALBUM/ PRESET +/-** (or **ALB +/-** on the remote control) once or more to select the next or previous album.  
→ Track information scrolls briefly.  
**or**
- In the stop position, press **ALBUM/ PRESET +/-** (or **ALB +/-** on the remote control) and I◀◀ / ▶▶I (or I◀ / ▶I on the remote control) to select the desired album and track.  
→ **MP3:** Display shows current album/ track number.

## Finding a passage within a track during playback

- 1 During playback, press and hold I◀◀ / ▶▶I (or ◀◀ / ▶▶ on the remote control).  
→ The CD plays at a high speed.
- 2 When you recognize the passage you want, release I◀◀ or ▶▶I (or ◀◀ / ▶▶ on the remote control).  
→ Normal playback resumes.

## Programming tracks

You may store up to 32 tracks in the desired sequence. If you like, store any track more than once.

- 1 In the stop position, press **SCAN/PROGRAM** (or **PROG** on the remote control) to start programming.  
→ **Audio CD:** Display shows *PRGG* and current track number.  
**MP3:** Display shows current album/track number.
- 2 Press I◀◀ / ▶▶I (or I◀ / ▶I on the remote control) once or repeatedly until the desired track number appears in the display.
- **MP3:** press **ALBUM/ PRESET +/-** (or **ALB +/-** on the remote control) and I◀◀ / ▶▶I (or I◀ / ▶I on the remote control) to select the desired album and track.
- 3 Press **SCAN/PROGRAM** (or **PROG** on the remote control) to confirm.  
→ Display shows briefly the number of tracks programmed.  
→ Then, the display shows the track number you just stored.

- 4 Repeat steps 2-3 to select and store all desired tracks.  
→ **FULL** is displayed if you attempt to program more than 32 tracks.
- 5 Press ► **II** play the program.

#### Helpful hints:

- The set will return to the stop position if no button is pressed within 90 seconds.
- PROG** disappears. To resume programming, press **SCAN/PROGRAM** (or **PROG** on the remote control).
- **MP3:** When playing a program, use of **ALBUM/ PRESET +/-** (or **ALB +/-** on the remote control) is void.

### Erasing the program

You can erase the contents of the memory by:

- Press **STOP ■**
  - once if in the stop position;
  - twice during playback;
- Press **STANDBY-ON/ ECO POWER ⏻**
- Select another sound source
- Open the CD door  
→ **PROG** disappears while **PROGRAM CLEAR** scrolls.

### Different play modes: REPEAT, SHUFFLE

**REPEAT TRACK** – plays the current track continuously.

**REPEAT ALL** – plays the entire disc/program continuously.

**SHUFFLE** – plays all the tracks in random order.

- 1 During playback, press once or more **REPEAT/ ST.** or **SHUFFLE** to select play modes.
- 2 To return to normal playback, press **REPEAT/ ST.** or **SHUFFLE** repeatedly until the various modes are no longer displayed.

#### Helpful hints:

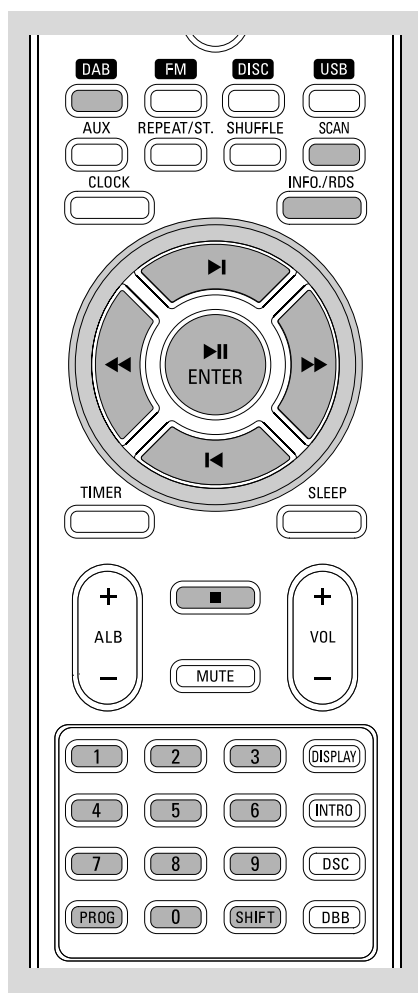
- In the shuffle mode, press ►► (or ► on the remote control) to select tracks.

### Display track information (MP3 only)

The ID3 tag is part of an MP3 file and contains various track information such as the track's title or the artist's name.

- During playback, press **DISPLAY** repeatedly on the remote control.  
→ Display show title name, album name and ID3 tag information.

# DAB Reception



## Tuning to DAB for the first time

- 1 Press **SOURCE** on the top of the system to select DAB (or press **DAB** on the remote control).
  - The system will start full scan to search for all available Band III channels automatically.
  - If no DAB service is available, "station not available" will appear on the display panel.
  - If there are available DAB services, the system will store all detected stations.

## Re-tuning

By re-tuning, you can update your DAB multiplex (ensemble) list all over again. At the completion of scanning, the system will tune to the first service of the first multiplex (ensemble) in the updated multiplex (ensemble) list.

During scanning, the system will initially display the following, where "CH" is the DAB channel and "N" is the number of the current multiplex (ensemble).



- Press **SCAN** briefly.
  - The display panel shows "FULL SCAN" and the system will start full scan to search for all available Band III channels again automatically.
- Press and hold **SCAN** for more than 2 seconds.
  - The display panel shows "QUICK SCAN" and the system will start a quick scan process to search for Band III channels again automatically.
- If you press ■ during scanning, the scanning process will stop and the system will return to the DAB frequency before scanning starts.
  - The other DAB operation buttons will be locked.

### Note:

– If no DAB service is detected during the above processes, the display panel will show "NO SIGNAL".

## Manual tuning

- 1 Press and hold **OK/▶ II** (or **ENTER/▶ II** on the remote control) for more than 2 seconds to start manual tuning.
  - The current DAB channel and frequency will be displayed.
- 2 Press **◀ / ▶** on the remote control to select your desired DAB channels backward/forward.
- Press **OK/▶ II** (or **ENTER/▶ II** on the remote control) to confirm and tune to your selected channel.

# DAB Reception

## DAB information display

You can view the DAB service information in the following 3 information modes. Depending on the DAB radio station you are tuning to, some information modes may be unavailable.

- Press **INFO./RDS** repeatedly to view the following information.

### Channel & Frequency

Displays the channel and central frequency of the current multiplex (ensemble).

**12B 225 648**

### Date and Time

Shows the date & time of the current multiplex (ensemble) in the format of MM-DD HH:MM (MM: month; DD: day; HH: hour; MM: minute).

**MM•DD HH:MM**

### Bit Rate and Audio Status

Displays the transmission rate of broadcasting in bits per second (kbps) and the audio status of the current service in stereo or mono.

## Menu operation

You can also select DAB full scan, quick scan, manual tuning, language and DRC value through the DAB menu.

- ① Press **MENU** on the set.  
→ A DAB menu appears on the display panel.
- ② Press **◀◀ / ▶▶** (or **◀▶ / ▶▶** on the remote control) to select an item you want.
- ③ Press **OK/▶ II** (or **ENTER/▶ II** on the remote control) to confirm.

## Programming DAB stations

You can save up to 20 DAB stations in the system memory.

- ① Press **PROG** on the remote control.  
→ The display shows "PN", where N stands for the preset number.
- ② Press **ALBUM/PRESET +/-** (or **◀ / ▶** on the remote control) to select your desired preset number. Then, press **PROG** on the remote control again.
- You can also use the **Numerical Keypad (0~9)** to input a number directly and tune to the service associated with this number.
- To input a number larger than 10, press **SHIFT** once or more to select the first digit you want and then use the **Numerical Keypad (0~9)** to input the second digit.  
→ The display shows "PN SE" briefly, indicating the preset is saved.

*Note:*

– If no service is associated with the number you input, the display will show "PN EMPTY" briefly, where "N" stands for the input preset number.

## Tuning to preset DAB stations

- Press **ALBUM/PRESET +/-** (or **◀ / ▶** on the remote control) until the desired preset station is displayed.

# Tuner

## Tuning to radio stations

- 1 Press **SOURCE** once or more to select **FM** (or **FM** on the remote control) .
- 2 Press and hold **◀◀ / ▶▶** (or **◀ / ▶** on the remote control) until **SEARCH** appears  
→ The radio automatically tunes to a station with sufficient reception. Display shows **SEARCH** during automatic tuning.
- 3 Repeat step 2 if necessary until you find the desired station.
- To tune to a weak station, press **◀◀ / ▶▶** (or **◀ / ▶** on the remote control) briefly and repeatedly until you have found optimal reception.

## Programming radio stations

You can store up to a total of 20 FM radio stations in the memory, manually or automatically (Autostore).

### Autostore: Automatic programming

Automatic programming will start from preset 1 or a chosen preset number. From this preset number upwards, former programmed tuner stations will be erased. The set will only program stations which are not in the memory already.

- 1 Press the **ALBUM/PRESET +/-** (or **◀ / ▶** on the remote control) buttons once or more to select the preset number where programming should start.

#### Note:

– If no tuner preset number is selected, default is preset 1 and all your presets will be erased.

- 2 Press and hold **SCAN/PROGRAM** (or **PROG** on the remote control) until **RUTO** appears.  
→ Available stations are programmed: RDS stations followed by FM stations (See **RDS**).  
→ After all stations are stored, the last preset station will then be played.

## Manual programming

- 1 Tune to your desired station (see **Tuning to radio stations**).
- 2 Press **SCAN/PROGRAM** (or **PROG** on the remote control) to activate programming.
- 3 Press **ALBUM/PRESET +/-** (or **◀ / ▶** on the remote control) to allocate a number from 1 to 20 to this station.
- 4 Press **SCAN/PROGRAM** (or **PROG** on the remote control) to confirm.  
→ Display shows the preset number; waveband and the frequency of the preset station.
- 5 Repeat steps 1-4 to store other stations.
- You can erase a preset station by storing another frequency in its place.

## To listen to a preset station

- Press the **ALBUM/PRESET +/-** (or **◀ / ▶** on the remote control) buttons once or more until the desired preset station is displayed.
- You can also use the **Numerical Keypad (0~9)** to input a number directly and tune to the station associated with this number.
- To input a number larger than 10, press **SHIFT** once or more to select the first digit you want and then use the **Numerical Keypad (0~9)** to input the second digit.

## RDS

The feature RDS (**R**adio **D**ata **S**ystem) is a service that allows FM stations to send additional information along with the regular FM radio signal. When you are receiving an RDS station, **R-D-S** and the station name are displayed.

### Switching through RDS information

- 1 Tune to the desired RDS radio station on the FM waveband (see **Tuning to radio stations**)
- 2 Press **INFO./RDS** on the remote control repeatedly to switch through the following information (if available):
  - Station name
  - Program type (for example: News, Sport, etc.)
  - Radio text messages
  - Frequency

**Note:**

– **NO PS**, **NO TYPE** or **NO TEXT** is displayed if you press **INFO./RDS** and no RDS signal is available.

### Automatic clock setting via RDS

When the set is on, the clock can be automatically set by a time signal broadcast together with the RDS signal. This only works if the RDS station is sending this time signal.

**Note:**

– The time signal broadcast from certain RDS stations may not always be accurate.

# External Sources

## Using a USB mass storage device

By connecting a USB mass storage device to the Hi-Fi system, you can enjoy the device's stored music through the powerful speakers of Hi-Fi system.

### Playing a USB mass storage device

#### Compatible USB mass storage devices

With the Hi-Fi system, you can use

- USB flash memory (USB 2.0 or USB1.1)
- USB flash players (USB 2.0 or USB1.1)
- memory cards (requires an additional card reader to work with this Hi-Fi system)

Notes:

– *In some USB flash players (or memory devices), the stored contents are recorded using copyright protection technology. Such protected contents will be unplayable on any other devices (such as this Hi-Fi system).*

– *Compatibility of the USB connection on this product:*

a) *This product supports most USB Mass storage devices (MSD) that are compliant to the USB MSD standards.*

i) *Most common Mass storage class devices are flash drives, memory sticks, jump drives and etc.*

ii) *If you see a "Disc Drive" show up on your computer after you plugged the mass storage device into your computer, most likely it is MSD compliant and it will work with this product.*

b) *If your Mass storage device required a battery/ power source. Please make sure you have a fresh battery in it or charge the USB device first and then plug it into the product again.*

– *Supported Music type:*

a) *This device only supports unprotected music with the following file extension:*

*.mp3*

*.wma*

b) *Music bought from on-line music stores are not supported because they are secured by Digital Rights Management protection (DRM).*

c) *File name extensions that end with the following are not supported:*

*.wav; .m4a; .m4p; .mp4; .aac and etc.*

– *No Direct connection can be made from Computer USB port to the product even you have either or both mp3 or wma files in your computer.*

#### Supported formats:

- USB or memory file format FAT12, FAT16, FAT32 (sector size: 512 - 4096 bytes)
- MP3 bit rate (data rate): 32-320 Kbps and variable bit rate
- WMA v9 or earlier
- Directory nesting up to a maximum of 8 levels
- Number of albums/ folders: maximum 99
- Number of tracks/titles: maximum 999
- ID3 tag v2.0 or later
- File name in Unicode UTF8 (maximum length: 128 bytes)

#### The system will not play or support the following:

- Empty albums: an empty album is an album that does not contain MP3/WMA files, and will not be shown in the display.
- Non-supported file formats are skipped. This means that e.g.: Word documents .doc or MP3 files with extension .dlf are ignored and will not be played.
- AAC, WAV, PCM audio files
- DRM protected WMA files
- WMA files in Lossless format

#### How to transfer music files from PC to a USB mass storage device

By dragging and dropping music files, you can easily transfer your favorite music from PC to a USB mass storage device.

For the flash player, you can also use its music management software for the music transfer:

**However, those WMA files may be unplayable for compatibility reasons.**

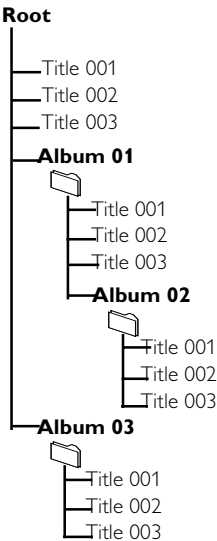


## External Sources

### How to organize your MP3/WMA files on the USB mass storage device

This Hi-Fi system will browse the MP3/WMA files in the folders/sub-folders/titles order.

Example:



Organize your MP3/WMA files in different folders or subfolders as required.

#### Note:

- If you have not organized MP3/WMA files into any albums on your disc, an album "00" will be automatically assigned for all those files.
- Make sure that the file names of MP3 files end with .mp3. and the file names of WMA files end with .wma.
- For DRM protected WMA files, use Windows Media Player 10 (or later) for conversion. Visit [www.microsoft.com](http://www.microsoft.com) for details about Windows Media Player and WM DRM (Windows Media Digital Rights Management).

- ❶ Check the USB device has been properly connected. (See **Installation: Connecting an additional appliance**).
- ❷ Press **SOURCE** once or more to select **USB** (or **USB** on the remote control).
  - **NO AUDIO** appears if no audio file is found in the USB device
- ❸ Play the USB's audio files as you do with the albums/tracks on a CD (See **CD**).

#### Notes:

- For compatibility reasons, the album/track information may differ from what it is displayed through flash players' music management software.
- File names or ID3 tags will be displayed as — if they are not in English.

### AUX (Listening to an external source)

You can listen to the sound of the connected external device through your MCB275.

- ❶ Check the external device has been properly connected (See **Installation, Connecting an additional appliance**).
- ❷ Press **SOURCE** once or more to select **AUX** (or **AUX** on the remote control).
- ❸ To avoid noise distortion, turn down the volume on your external device.
- ❹ Press the **PLAY** key on the connected device to start playback.
- ❺ To adjust the sound and volume, use the sound controls on your external device and the MCB275.

## Setting the timer

The set can be used as an alarm clock, whereby the selected source (DAB, FM, DISC or USB) starts playback at a preset time. **Make sure the clock is set before using the timer.**

- 1 Press and hold **TIMER** on the remote control.  
→ **TIMER ON** and the hours digits start flashing.
- 2 Press **◀◀ / ▶▶** (or **◀ / ▶** on the remote control) repeatedly to set the hours.
- 3 Press **TIMER** to confirm.  
→ The minutes digits start flashing.
- 4 Press **◀◀ / ▶▶** (or **◀ / ▶** on the remote control) repeatedly to set the minutes.
- 5 Press **TIMER** to confirm.  
→ **TIMER OFF** and the hours digits start flashing.
- 6 Press **◀◀ / ▶▶** (or **◀ / ▶** on the remote control) repeatedly to set the hours.
- 7 Press **TIMER** to confirm.  
→ The minutes digits start flashing.
- 8 Press **◀◀ / ▶▶** (or **◀ / ▶** on the remote control) repeatedly to set the minutes.
- 9 Press **TIMER** again.  
→ The source mode now is available for selection.
- 10 Press **◀◀ / ▶▶** (or **◀ / ▶** on the remote control) repeatedly to select the wake-up source (DAB, FM, DISC or USB).
- 11 Press **TIMER** again and then press **◀◀ / ▶▶** (or **◀ / ▶** on the remote control) repeatedly to set the wake-up volume.
- 16 Press **TIMER** to confirm.  
→ The timer is now set and activated.

### Note:

- The set will exit from the timer setting mode if no button is pressed within 90 seconds.

## Activating and deactivating TIMER

- Press **TIMER** on the remote repeatedly to activate or deactivate the timer.  
→ If activated, the last set source and start time are displayed.  
→ If deactivated, "TIMER OFF" appears.

### Helpful hints:

**The timer will not work at the set time if**

- the set is switched on;
- the timer is deactivated.

**The set will switch to Tuner source automatically if :**

- no CD is inserted when the selected source is CD;
- no USB device is connected when the selected source is USB.

## SLEEP

You can set a certain period of time after which the set will switch off.

- On the remote control, press **SLEEP** repeatedly to select the desired time period options (in minutes):  
→ Display shows in sequence: **SLEEP OFF, 120, 90, 60, 45, 30, 15, 5, SLEEP OFF...**  
→ Display shows the selected option briefly and returns to its previous status. The icon **zzZ** appears.  
**To deactivate the sleep timer,** press **SLEEP** again.  
→ The icon **zzZ** disappears.

### or

Press **STANDBY-ON/ ECO POWER** to switch off the set (or **⏻** on the remote control).

### Helpful hints:

- The SLEEP function does not affect your alarm time setting.

## Specifications

### AMPLIFIER

Output power .....	2 × 5 W RMS
.....	10 W + 10 W MPO
Signal-to-noise ratio .....	≥ 75 dBA
Frequency response .....	50 – 20,000 Hz, ± 3 dB
Input sensitivity AUX .....	0.5 V (max. 2 V)
Impedance loudspeakers .....	≥ 4 Ω
Impedance headphones .....	32 Ω -1000 Ω
.....	<0.5W

### CD PLAYER

Frequency range .....	30 – 18000 Hz
Signal-to-noise ratio .....	75 dBA

### TUNER

FM wave range .....	87.5 – 108 MHz
DAB wave range .....	174 – 240 MHz
Number of presets .....	40
Antenna	
FM .....	75 Ω wire

### USB PLAYER

USB .....	12Mb/s,V1.1
.....	support MP3 and WMA files
Number of albums/ folders .....	maximum 99
Number of tracks/titles .....	maximum 999

### SPEAKERS

Bass reflex system	
Dimensions (w x h x d) ....	160 x 270 x 90 (mm)

### GENERAL INFORMATION

AC Power .....	220 – 240V / 50 Hz
Dimensions (w x h x d, with/without the stand)	
.....	194 x 285 x 118/194 x 270 x 92 (mm)
Weight(with/without speakers) .....	3.8 / 2.2 kg
Standby power consumption .....	<5 W
Eco power standby .....	<0.5 W

**Specifications and external appearance are subject to change without notice.**

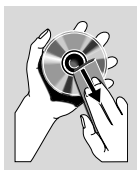
## Maintenance

### 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.**

Problem	Solution
<b>"NO DISC" is displayed.</b>	<ul style="list-style-type: none"> <li>✓ Insert a disc.</li> <li>✓ Wait until the moisture condensation at the lens has cleared.</li> <li>✓ Replace or clean the disc, see "Maintenance".</li> <li>✓ Use a finalised CD-RW or a correct MP3/WMA-CD format disc.</li> </ul>
<b>Some files on the USB device are not displayed.</b>	<ul style="list-style-type: none"> <li>✓ Check if the number of folders exceeds 99 or the number of titles exceeds 999</li> </ul>
<b>Radio reception is poor.</b>	<ul style="list-style-type: none"> <li>✓ Hang up one end of the T-shape antenna and keep the other end at horizontal angle to it.</li> <li>✓ Increase the distance between the Micro HiFi System and your TV or VCR.</li> </ul>
<b>The system does not react when buttons are pressed.</b>	<ul style="list-style-type: none"> <li>✓ Remove and reconnect the AC power plug and switch on the system again.</li> </ul>
<b>Sound cannot be heard or is of poor quality.</b>	<ul style="list-style-type: none"> <li>✓ Adjust the volume.</li> <li>✓ Disconnect the headphones.</li> <li>✓ Check that the speakers are connected correctly.</li> <li>✓ Check if the stripped speaker wire is clamped.</li> <li>✓ Make sure the MP3-CD was recorded within 32~256 kbps bit rate with sampling frequencies at 48 kHz, 44.1 kHz or 32 kHz.</li> </ul>
<b>The left and right sound outputs are reversed.</b>	<ul style="list-style-type: none"> <li>✓ Check the speaker connections and location.</li> </ul>

**The remote control does not function properly.**

- ✓ Select the source (CD or TUNER, for example) before pressing the function button (▶II, II◀, ▶I).
- ✓ 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.**

- ✓ Check the set is switched off
- ✓ 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.

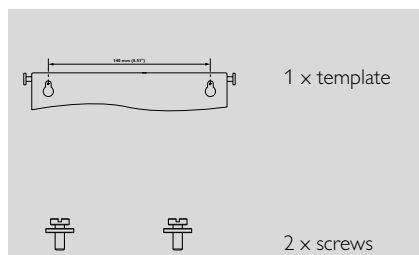
# Appendix

## How to mount your MCB275 onto walls

### IMPORTANT!

- The wall mounting instructions are for the use of the qualified wall mounting person only!
- Ask a qualified person to help you with the wall mounting, which includes drilling holes on the wall and mounting the set onto walls.

### What's in the supplied mounting kits



### What else you'll need

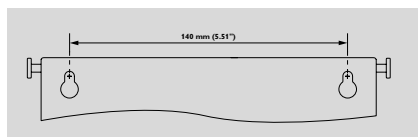
- Drilling tools (e.g. electric drill)

### Preparation

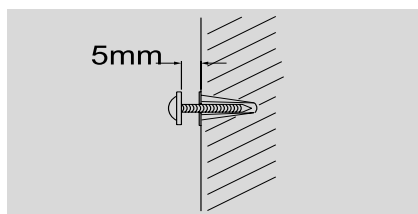
- 1 To find a suitable location for mounting, try your necessary rear connections (see the chapter **Installation**).
- 2 Ask a qualified person to help you with the wall mounting, who should:
  - to avoid unexpected damage, learn about the piping, wiring and other relevant information inside your walls;
  - according to the drilling requirements, choose suitable drilling tools;
  - take other precautions necessary for the wall mounting work.

## Mounting your MCB275

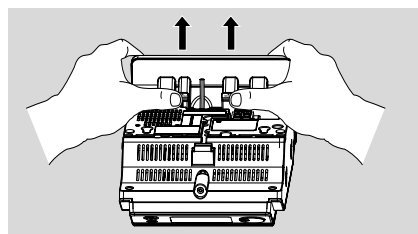
- 1 Align the template in the chosen location on a wall. Use a pencil to mark the drilling positions (as shown)



- 2 Drill two 6mm diameter holes as marked
- 3 Secure the dowels and screws in the holes respectively, leaving the screws 5mm proud of the wall



- 4 To detach the stand,
  - a. As shown, hold down the **▲ PRESS** buttons
  - b. Move out the stand to detach



- 5 Hang the unit on the fastening screws
- 6 As shown, hook and mount the speakers in place

