Micro Hi-Fi System

MCM285

Register your product and get support at
www.philips.com/welcome
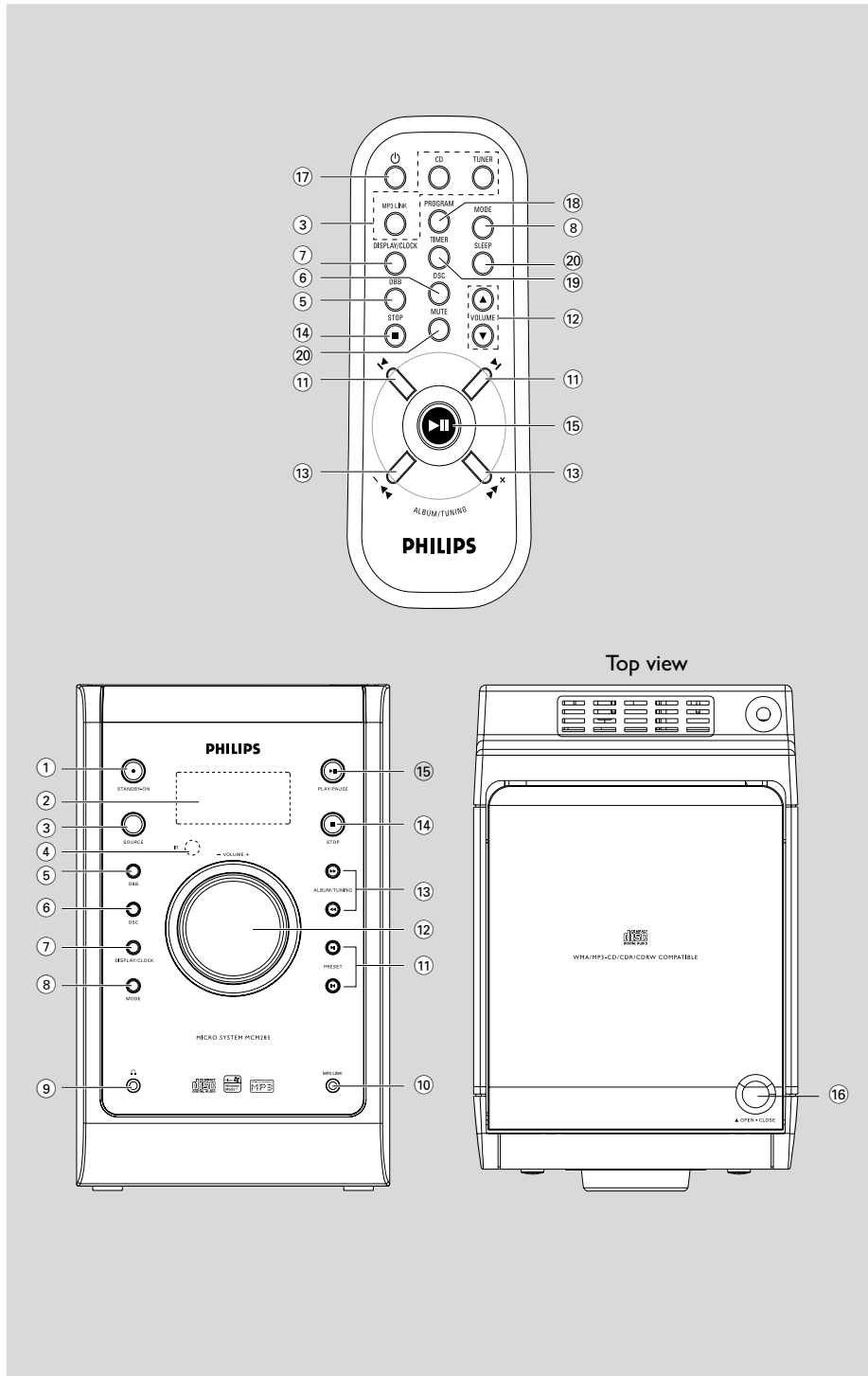
User manual

Manual de usuario

PHILIPS

2

Top view

4

English

Español

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

5

Contents

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

Supplied accessories

– 2 speaker boxes
– remote control
– MP3 Link cable

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.

The making of unauthorized copies of copy-protected material, including computer programmes, files, broadcasts and sound recordings, may be an infringement of copyrights and constitute a criminal offence. This equipment should not be used for such purposes.

Be responsible
Respect copyrights

Safety information

● Before operating the system, check that the operating voltage indicated on the typeplate (or the voltage indication beside the voltage selector) 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.

● The apparatus shall not be exposed to dripping or splashing.

● 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.**

7

Preparations

FM wire antenna

Speaker (right)

Speaker (left)

B

A
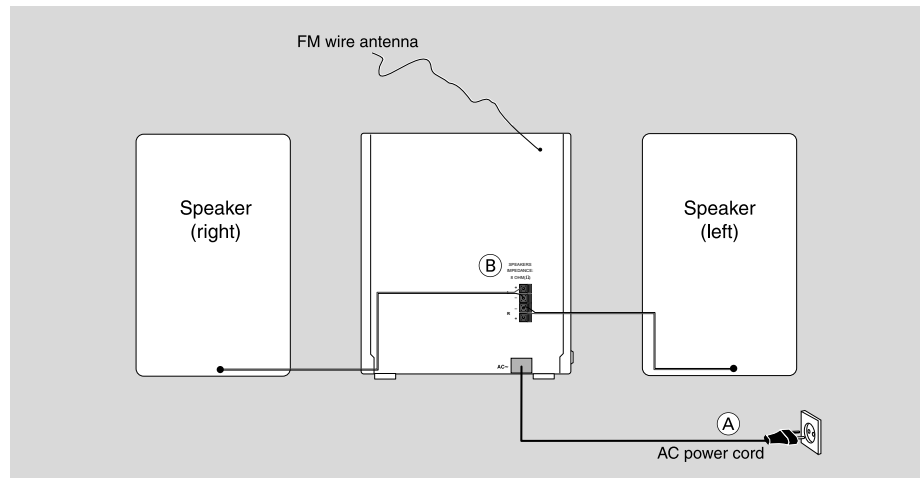
AC power cord

Rear connections

The type plate is located at the rear of the system.

Ⓐ **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 SPEAKERS terminals, right speaker to "R" and left speaker to "L", red wires to "+" and black wires to "-".

1   2
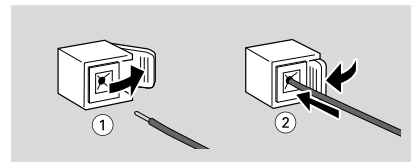
● Fully insert the stripped portion of the speaker wire into the terminal as shown.

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.

8

Optional connection

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

Connecting a non-USB device

Use a cinch cable to connect **MP3 LINK** to the audio out terminals of an external equipment (TV, VCR, Laser Disc player, DVD player or CD Recorder).

Inserting batteries into the remote control

Insert two batteries type AAA into the remote control with the correct polarity as indicated by the "+"and"-" symbols inside the battery compartment.
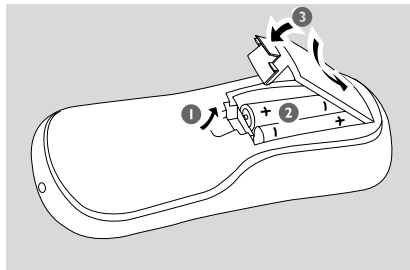
CAUTION!
– Remove batteries if they are exhausted or will not be used for a long time.
– Do not use old and new or different types of batteries in combination.
– Batteries contain chemical substances, so they should be disposed of properly.

9

Controls *(illustrations on page 3)*

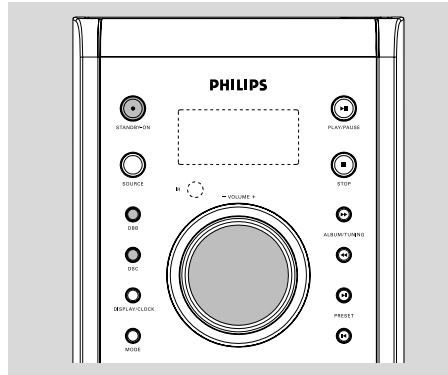## Controls on the system and remote control

1 **STANDBY ON**
– switches the system on or to standby mode.

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

3 **Source (CD/TUNER/MP3 LINK)**
– selects the respective sound source for CD/ TUNER/MP3 LINK.

4 **iR SENSOR**
– infrared sensor for remote control.

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

6 **DSC (Digital Sound Control)**
– selects sound characteristics: CLASSIC, JAZZ, POP or ROCK.

7 **DISPLAY/CLOCK**
– to set or view the clock.

8 **MODE**
– selects different play modes: e.g. REPEAT or SHUFFLE (random order)

9 🎧
– Plugs in a headphone.

10 **MP3 LINK**
– 3.5mm audio input jack.

11 **PRESET +/- |◀ / ▶|**
– skips to the beginning of a current track/ previous/next track.

– sets the hours and minutes for the clock and timer.

– selects a preset radio station.

12 **VOLUME +/-**
– adjusts the volume level.

13 **ALBUM/TUNING ◀◀ / ▶▶**
– selects an album.

– tunes to a radio station.
– (press and hold) fast searches back and forward within a track/disc.

14 **STOP ■**
– stops CD playback or erases a CD program.

15 **▶II**
– starts or pauses CD playback.

16 **OPEN/CLOSE**
– open/close the CD door.

17 ⏻
– switches the system to standby mode.

18 **PROGRAM**
– (for CD) programs CD tracks and reviews the program.

– (for TUNER) programs preset radio stations.

19 **TIMER**
– activates/deactivates the timer.

20 **SLEEP**
– activates/deactivates or selects the sleep time.

– views the remaining sleep time.

21 **MUTE**
– switches playback sound off and on.

10

IMPORTANT:
Before you operate the system, complete
the preparation procedures.

Switching the system on

● Press **STANDBY-ON** on the main set**.**
➜ The system will switch to the last selected source.
● Press **CD**, **TUNER**, or **MP3 LINK** on the remote control.
➜ The system will switch to the selected source.

To switch the system to standby mode
● Press **STANDBY-ON** (⏻ on the remote control)**.**
➜ The volume level (up to a maximum volume level of 15), interactive sound settings, last selected source and tuner presets will be retained in the player's memory.

Power-saving automatic standby
The power-saving feature automatically switches to standby 30 minutes after CD playback has ended and no control is operated.

Adjusting volume and sound

1 Adjust the VOLUME control knob or press **VOLUME** ▲/▼ on the remote control to increase or decrease volume.
➜ Display shows the volume level UOL and a number from 0-40.

2 Press **DBB** to switch bass enhancement on or off.
➜ Display shows: **DBB** if the DBB is activated.

3 Press **DSC** on the remote control repeatedly to select the desired sound effect: CLASSIC, JAZZ, POP, or ROCK.
➜ The selected DSC is shown.

4 Press **MUTE** on the remote control to stop sound playback instantly.
➜ Playback will continue without sound and the display shows **MUTE**.

● To start sound playback you can:
– press **MUTE** again;
– adjust the volume controls.

11
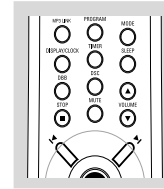
CD/MP3/WMA Operation
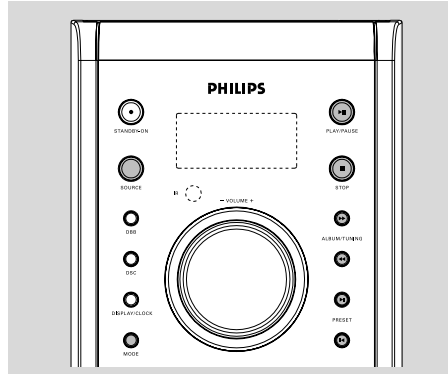
IMPORTANT:
The lens of the CD player should never be touched.

Playing 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.

1 Press **SOURCE** once or more or **CD** on the remote control to select **CD**.

2 Press **OPEN/CLOSE** on the system to open the CD compartment.
   ➔ *OPEN* is displayed when you open the CD compartment.

3 Insert a disc with the printed side facing up and press **OPEN/CLOSE** to close the CD door.
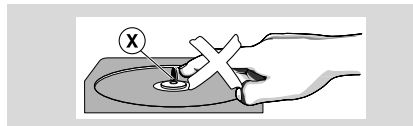   ➔ *rEAd* is displayed as the CD player scans the contents of a disc, and then the total number of tracks and playing time (or the total number of albums and tracks for MP3 disc) are shown.

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

5 To pause playback press ▶II. Press ▶II again to resume play.
   ➔ The display freezes and the elapsed playing time flashes when playback is interrupted.

6 To stop disc playback, press **STOP** ■.

   Note: CD playback will also stop when;
   – the CD door is opened.
   – the disc has reached the end.
   – you select another source: TUNER or MP3 LINK.
   – you select standby.

Selecting a different track

● Press **PRESET +/-** |◀/▶| (|◀/▶| on the remote) once or repeatedly until the desired track number appears in the display.
● Press ▶II to start playback.

Finding a passage within a track

1 Press and hold down **ALBUM/TUNING** ◀◀ / ▶▶ (◀◀/▶▶ on the remote).
   ➔ The disc is played at high speed and low volume.

2 When you find the passage you want, release **ALBUM/TUNING** ◀◀ / ▶▶ (◀◀/▶▶ on the remote).
   ➔ Normal playback continues.

Playing an MP3/WMA disc

1 Load an MP3/WMA disc.
   ➔ The disc reading time may exceed 10 seconds due to the large number of songs compiled into one disc.
   ➔ "*XX YYY*" is displayed. *XX* is the current album number and *YYY* is the current track number.

2 Press **ALBUM/TUNING** ◀◀ / ▶▶ to select a desired album.

3 Press **PRESET +/-** |◀/▶| (|◀/▶| on the remote) to select a desired track.
   ➔ The album number will change accordingly as you reach the first track of an album by pressing |◀ (|◀ on the remote) or the last track of an album by pressing ▶| (▶| on the remote).

4 Press ▶II to start playback.

12

Discs for playback

This system can playback all digital audio CD, finalised digital audio CD-Recordable (CDR) discs and finalised digital audio CD-Rewritable (CDRW)discs.
MP3-CDs (CD-ROMs with MP3 tracks)

Supported MP3 disc formats:

– ISO9660, Joliet, UDF 1.5
– Maximum title number: 511 (depending on filename length)
– Maximum album number: 99
– Supported sampling frequencies: 32 kHz, 44.1 kHz, 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.

REPEAT .... plays the current track continuously
REPEAT ALL ... repeats the entire disc/ programme
SHUF .... tracks of the entire disc are played in random order
SHUF REPEAT ALL
.... repeats the disc/program continuously in random order

1 To select your play mode, press **MODE** before or during playback until the display shows the desired function.

2 Press ▶II to start playback if in the STOP position.

3 To return to normal playback, press **MODE** until the various SHUFFLE/ REPEAT modes are no longer displayed.

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

Programming track numbers

Programme 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.

1 In the STOP position, press **PROGRAM** on the remote control to enter the programming mode.

2 Use **PRESET +/-** |◄/►| (|◄/►| on the remote) to select your desired track number.
● For MP3/WMA disc, press **ALBUM/TUNING** ◄◄ / ►► (◄◄ / ►► on the remote) to select the desired album and title for programming.
➜ The selected track number and **PROG** flash on the display panel.

3 Press **PROGRAM** on the remote control to confirm the track number to be stored.

4 Repeat steps **2-3** to select and store all desired tracks.

5 To start playback of your disc programme, press ▶II

Note:
*– If you wish, you can add further tracks to your current program. Make sure you are in the STOP position, and that you have not exceeded 20 tracks.*

Erasing the programme

You can erase the programme by:

● pressing **STOP** ■ once in the STOP mode;
● pressing **STOP** ■ twice during playback;
● opening the CD compartment;
● selecting another sound source
 ➜**PROG** disappears from the display.

13

Radio Reception
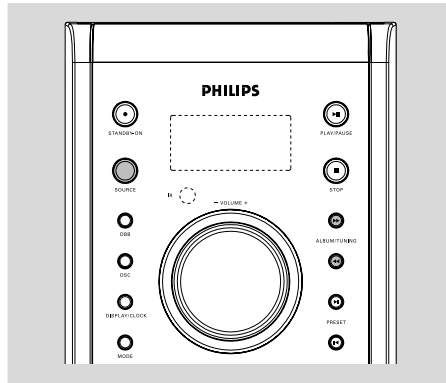
Tuning to radio stations

1 Press **SOURCE** or **TUNER** once or more to select the desired waveband : FM or MW (AM).

2 Press and hold **ALBUM/TUNING ◀◀ ▶▶** until the frequency indication starts to change, then release.
   ➜ The display will show "SEARCH" until a radio station with sufficient signal strength is found.
   ➜ If the FM station is received in stereo, ∞ is shown..

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

● To tune to a weak station, press **ALBUM/ TUNING ◀◀ ▶▶** briefly and repeatedly until optimal reception found.

   Note:
   – The system is equipped with a fixed FM antenna and a built-in MW (AM) antenna. For optimal FM reception, fully extend and adjust the position of the FM antenna until the strongest signal is found.

Programming radio stations
You can store up to 40 radio stations (FM:20, MW (AM): 20) in the memory.

Automatic programming

1 Press **PRESET** +/- |◀/▶| to select the desired preset number.

2 Press and hold **PROGRAM** until "AUTO" is displayed.
   ➜ All available radio stations with sufficient signal strength will be stored automatically, starting from FM and followed by MW (AM) band.

To stop automatic programming
● Press **STOP■** .

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

Manual programming

1 Tune to your desired radio station (refer to ''Tuning to radio stations'').

2 Press **PROGRAM**.
   ➜ **PROG** starts flashing.

   To store the radio station to another preset number
● Press **PRESET** +/- |◀/▶| to to select the desired preset number.

3 Press **PROGRAM** again to store the radio station.
   ➜ **PROG** disappears

4 Repeat *steps 1–3* to store other radio stations.

   To exit manual programming
● Press **STOP ■**.

Tuning to preset radio stations

● Press **PRESET** +/- |◀/▶| until the desired preset station is displayed.

14

Connecting external equipment

1 Connect the audio out terminal of the portable device (i.e. iPod or MP3 player) to the **MP3 LINK** terminal of your system.

2 Press **SOURCE** once or more to select **MP3 LINK**.
   ➜ "MP3 L ın " is displayed.

Note:
– All the sound control features (DSC or DBB, for example) are available for selection.
– Refer to the operating instructions for the connected equipment for details.

Clock/Timer
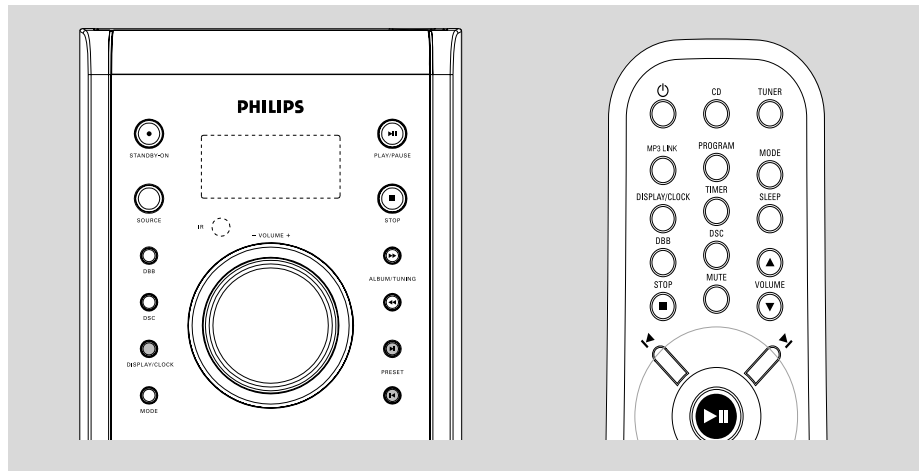
Setting the clock

1 In standby mode, press and hold **DISPLAY/ CLOCK**.
   ➜ The clock digits for the hours flash.

2 Press **PRESET** +/- |◄ ►| (|◄ / ►| on the remote) to set the hours.

3 Press **DISPLAY/CLOCK**.
   ➜ The clock digits for the minutes flash.

4 Press **PRESET** +/- |◄ / ►| (|◄ / ►| on the remote) to set the minutes.

5 Press **DISPLAY/CLOCK** to confirm the time.

   Note:
   – If the clock has not been set, - - : - - will be displayed.

Setting the sleep timer

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

1 In active mode, press **SLEEP** on the remote control repeatedly until the desired timer option appears.
   ➜ Selections are as follows (time in minutes):
   SLP OFF→SLP 120→SLP 90→SLP 60
   →SLP 45→SLP 30→SLP 15→SLP OFF
   ➜ Display shows ⁊⁊ if activated, and disappears if deactivated.

2 **To cancel the sleep function**, either press **SLEEP** on the remote control once or more until "SLP OFF" appears, or press **STANDBY- ON** (⏻ on the remote) to switch to standby mode.

15

Clock/Timer

To check the remaining length of time after sleep timer is activated

● Press **SLEEP** once.

Setting the timer

● The system can switch on to CD, TUNER, or MP3 LINK mode automatically at a preset time, serving as an alarm to wake you up.

IMPORTANT!
– Before setting the timer, ensure that the clock is set correctly.
– The timer will always be switched on after it has been set.
– The timer will not start if a recording is in progress.
– The volume of the timer will increase gradually from the minimum level to the last tuned volume level (If the last tuned volume level is less than 15, it will increase gradually from the minimum level to 15).

1 In active or standby mode, press **TIMER** on the remote control.
➔ The last timer setting is shown.

2 Press **TIMER** again for more than two seconds.
➔ The clock digits for the hours flash.

3 Press **PRESET** +/- ⏮/⏭ (⏮/⏭ on the remote) to set the hours.

4 Press **TIMER** again.
➔ The clock digits for the minutes flash.

5 Press **PRESET** +/- ⏮/⏭ (⏮/⏭ on the remote) to set the minutes.

6 Press **TIMER** to confirm the time.
➔ The timer is now activated and display shows ☼.

To deactivate the timer,

● Press **TIMER** in active or standby mode.
➔ ☼ disappears if the timer is deactivated.

Notes:
– When the preset time is reached, the last selected source will be played automatically.
– During timer setting, if no button is pressed within 10 seconds, the system will exit timer setting mode automatically.
– In active mode, if remote control is used, timer setting is available only in CD and TUNER modes.

16

Specifications

AMPLIFIER

Total output power

.... 25 W (12.5 W per channel)

Signal-to-noise ratio .... ≥ 62 dBA (IEC)

Frequency response .... 63 – 16000 Hz, ± 3 dB

CD PLAYER

Frequency range .... 63 – 16000 Hz

Signal-to-noise ratio .... 65 dBA

TUNER

FM wave range .... 87.5 – 108 MHz

MW (AM) wave range .... 530 – 1700 kHz

SPEAKERS

1-way Bass Reflex System

Impedance .... 8 Ω

Speaker diameter .... 4''

Dimensions (w × h × d)..........14.6x23.6x18.5 (cm)

GENERAL

AC Power .... 110 – 127 / 220 – 240 V;

.... 50/60 Hz Switchable

Dimensions (w × h × d) .... 14.6x23.6x23.9 (cm)

Weight (with/without speakers) ....

.... 5.9 / 2.5 kg

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.

17

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 service centre.

Problem	Solution
CD OPERATION	
"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, CD-R or MP3 CD.
RADIO RECEPTION	
Radio reception is poor.	– Increase the distance between the Micro HiFi System and your TV or VCR.
GENERAL	
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. – 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	– Reduce the distance between the remote control and the system. – Insert the batteries with their polarities (+/– signs) aligned as indicated. – Replace the batteries. – 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** in standby mode to switch on the timer. – If a recording is in progress, stop the recording.
The Clock/Timer setting is erased.	– Power has been interrupted or the power cord has been disconnected. Reset the clock/timer.

18