

Micro Hi-Fi System

MCB700

User manual



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 5 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 5 Amp. If a plug without a fuse is used, the fuse at the distribution board should not be greater than 5 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 \perp) or coloured green (or green and yellow).

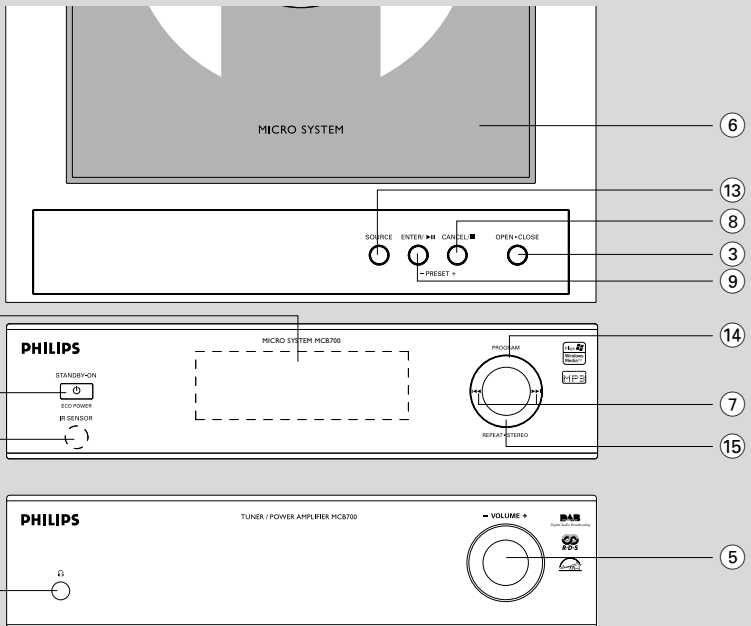
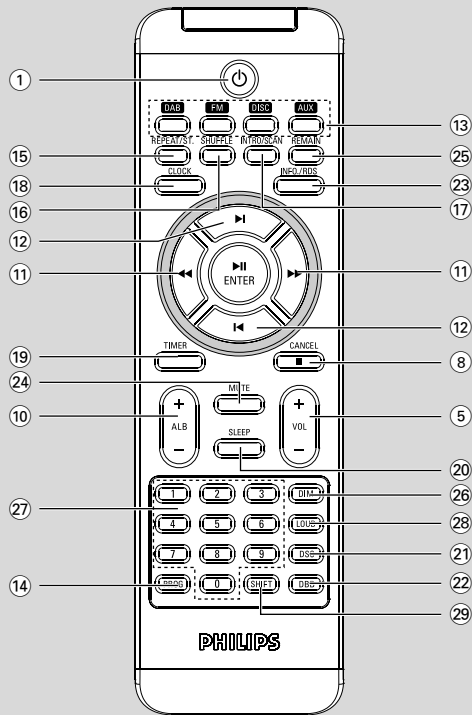
Before replacing the plug cover, make certain that the cord grip is clamped over the sheath of the lead - not simply over the two wires.

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.

CAUTION

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



General Information

Environmental Information	5
Supplied accessories	5
Safety information	5
About Digital Audio Broadcasting (DAB)	6

Preparations

Rear connections	7 – 8
Before using the remote control	8
Replacing battery (lithium CR2025) into the remote control	8

Controls

Controls on the system and remote control	9~10
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Basic Functions

Switching the system on	11
Switch the system to	
Eco Power Standby mode	11
Power Saving Automatic Standby	11
Adjusting volume and sound	11

CD/MP3-CD Operation

Loading a disc	12
Basic playback controls	12~13
Playing an MP3 disc	13
Different play modes: SHUFFLE and REPEAT	14
Programming track numbers	14
Erasing the programme	14

DAB Reception

Tuning to DAB for the first time	15
Re-tuning	15
Manual tuning	15
DAB information display	15~16
Programming DAB stations	16
Tuning to preset DAB stations	16

FM Radio Reception

Tuning to radio stations	17
Programming radio stations	17
Automatic programming	
Manual programming	
Tuning to preset radio stations	17
RDS	17~18
Setting the RDS clock	18

Clock/Timer

Setting the clock	19
Viewing the clock	19
Setting the timer	19
Activating and deactivating TIMER	19
Activating and deactivating SLEEP	19

Specifications

Maintenance

Troubleshooting

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

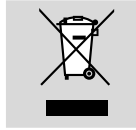
Environmental Information

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 loudspeaker boxes
- remote control (with battery)
- DAB/FM antenna
- control cable

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

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?

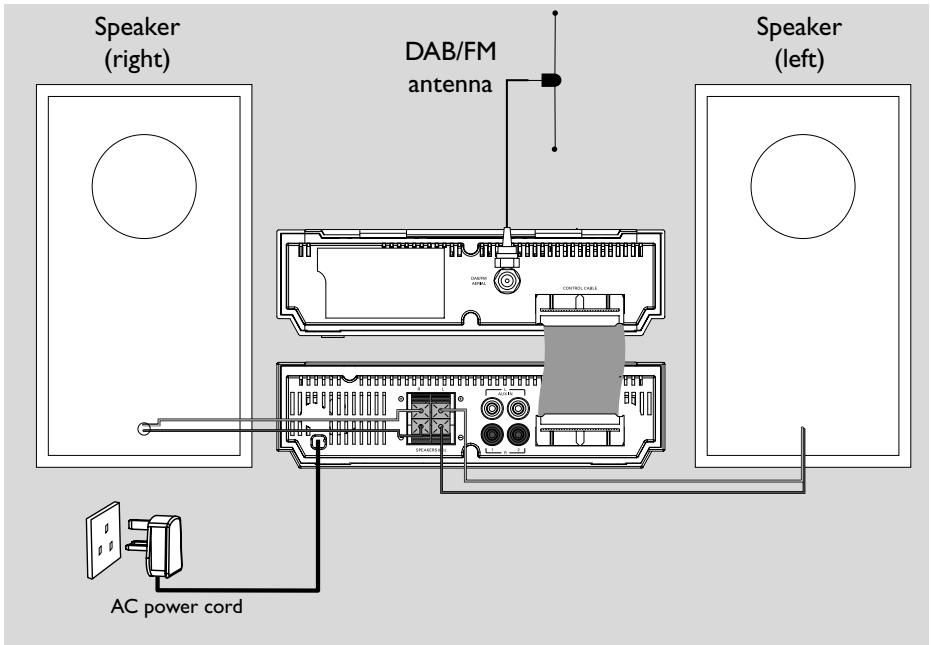
Digital radio operation is made up of a single block of frequencies called a multiplex. Each multiplex works within a frequency spectrum, such as Band III for DAB broadcasts.

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.



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.

A Power

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

Warning!

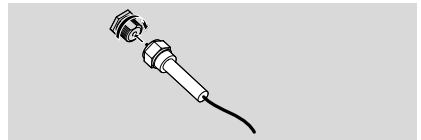
- For optimal performance, use only the original power cable.
- Never make or change any connections with the power switched on.

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).

B Connecting the control cable

Connect the serial port marked “**CONTROL CABLE**” at the rear of the CD player to the same port at the rear of the power amplifier with the supplied flat control cable.

C DAB/FM antenna Connection



- 1 Connect the supplied DAB/FM antenna to the “**DAB/FM AERIAL**” port on the rear of the CD player.
- 2 Fasten the nut on the connector of the antenna to ensure firm connection.
- Position the antenna as far as possible from a TV, VCR or other radiation source.

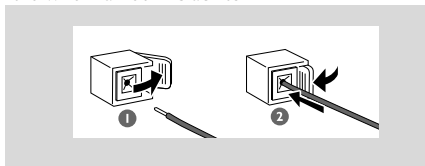
Note:

- The pin on the connector of the antenna should be in alignment with the hole in the “**DAB/FM AERIAL**” port.

Preparations

C Speakers Connection

Connect the speaker wires to the SPEAKERS (8Ω) terminals, right speaker to "R" and left speaker to "L", the wire marked in red "+" and the wire marked in black 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.

D 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

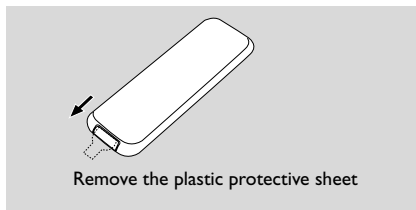
Connect the audio left and right OUT terminals of a TV, VCR, Laser Disc player, DVD player or CD Recorder to the **AUX IN** (1 or 2) terminals.

Note:

- If you are connecting equipment with a mono output (a single audio out terminal), connect it to the AUX IN (1 or 2) left terminal. Alternatively, you can use a "single to double" cinch cable (the output sound still remain mono).

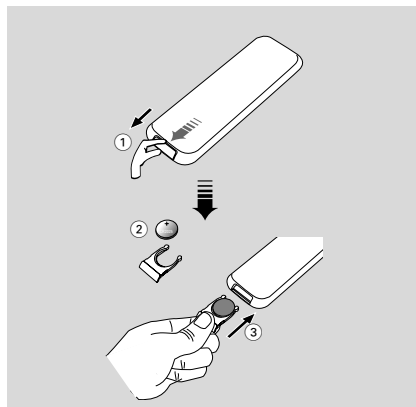
Before using the remote control

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



Replacing battery (lithium CR2025) into the remote control

- 1 Press the slot on the battery compartment.
- 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 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 SENSOR**

- remote sensor

⑤ **VOLUME -/+ (VOL +/-)**

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

⑥ **CD Door**

⑦

for CD/MP3-CD/WMA

fast searches back and forward within a track/disc (press and hold).

..... skips to the beginning of a current/previous/subsequent track.

⑧ **CANCEL/■/PRESET +**

- stops disc playback or erases a disc program.
- (for FM/DAB; on the system only) selects a preset radio station.

⑨ **ENTER/▶ II/PRESET -**

- starts or interrupts playback.
- (for FM/DAB; on the system only) selects a preset radio station.
- press to select an option (DAB only).
- press and hold to start manual tuning (DAB only).

⑩ **ALB +/-**

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

⑪

for CD/MP3-CD/WMA

fast searches back and forward within a track/disc (press and hold).

for FM tunes to radio stations (down/up).

for DAB.....selects a channel.

⑫

for CD/MP3-CD/WMA

..... skips to the beginning of a current/previous/subsequent track.

⑬ **SOURCE**

- selects the respective sound source for DAB/FM/DISC/AUX (1 or 2).

⑭ **PROGRAM (PROG)**

for CD/MP3 programs tracks.

for FM/DAB programs radio stations.

⑮ **REPEAT/STEREO (REPEAT/ST.)**

for CD/MP3/WMA selects a repeat playback mode.

for FM sets stereo or mono sound mode.

⑯ **SHUFFLE**

- plays disc tracks randomly.

⑰ **INTRO/SCAN**

for CD/MP3/WMA

starts scanning of

all tracks in a disc.

for DAB starts DAB service scanning.

⑱ **CLOCK**

- sets the clock function.

⑲ **TIMER**


- sets the timer function.

⑳ **SLEEP**

- selects the sleeper time.

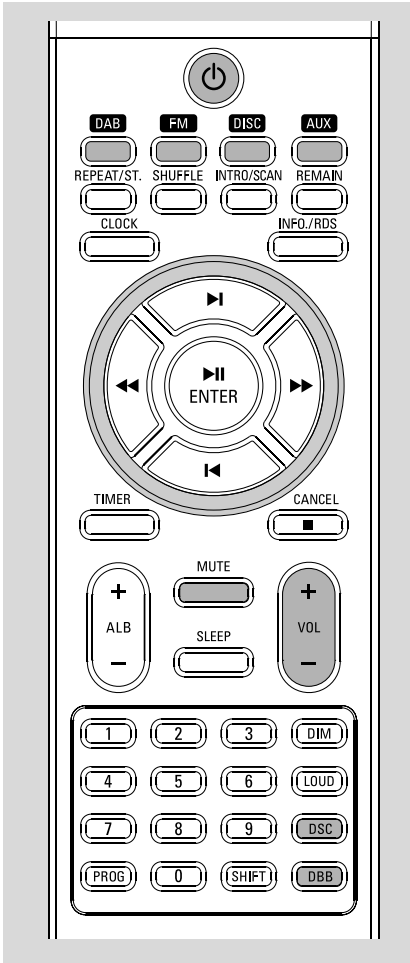
㉑ **DSC (Digital Sound Control)**

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

- ②② **DBB (Dynamic Bass Boost)**
 - enhances the bass.
- ②③ **INFO./RDS**
 - for FM, displays RDS information.
 - for DAB, displays DAB information.
 - for MP3, displays ID-3 information if available.
- ②④ **MUTE**
 - interrupts and resumes sound reproduction.
- ②⑤ **REMAIN**
 - for CD, selects different disc information display modes during playback.
- ②⑥ **DIM**
 - selects different levels of brightness for the display screen.
- ②⑦ **Numerical Keypad (0~9)**
 - (for CD/MP3) selects a track directly.
 - (for DAB) selects a preset DAB radio station directly.
- ②⑧ **LOUD**
 - enables or disables automatic loudness adjustment.
- ②⑨ **SHIFT**
 - inputs a number larger than 10 (used together with the Numerical Keypad).
- ③⑩ 
 - connects a headphone.

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, ◀◀, ▶▶).**






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 **SOURCE** on the top of the system or **DAB, FM, DISC** or **AUX** on the remote control.
→ The system will switch to the selected 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**  on the front panel 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 12), interactive sound settings, last selected mode (ECO Power Standby or normal standby), source and tuner presets will be retained in the player's memory.

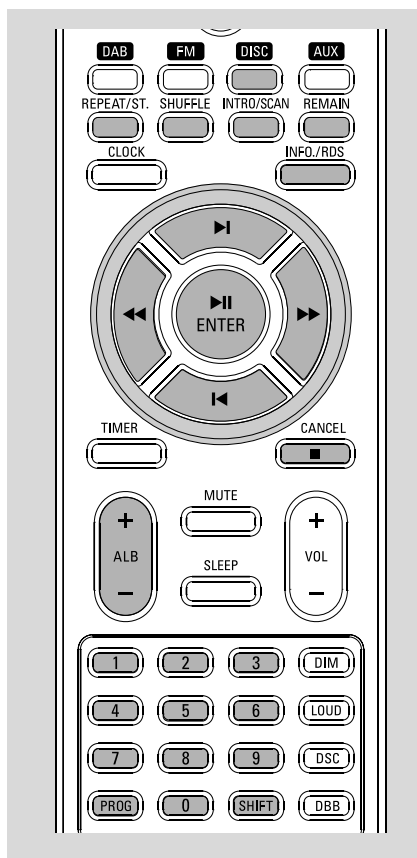
Power Saving Automatic Standby

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

- 1 Turn the **VOLUME +/-** knob or press **VOL +/-** on the remote to decrease or increase the volume.
→ Display shows the volume level VOL and a number from MIN 01, 02, ...30 MAX.
 - 2 Press **DSC** repeatedly to select the desired sound effect: **POP/JAZZ/CLASSIC/ROCK/FLAT**.
 - 3 Press **DBB** to switch bass enhancement on or off.
→ **DBB** appears when enabled and disappears when disabled.
 - 4 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.
- 1 Press **SOURCE** on the top of the system to select CD or press **DISC** on the remote.
- 2 Press **OPEN•CLOSE** to open the CD compartment.
→ **OPEN** is displayed when the compartment cover slides up.

- 3 Insert a disc with the printed side facing up. Press **OPEN•CLOSE** again to close the compartment.

→ **CLOSE** is displayed followed by **READ DISC** as the CD player scans the contents of a disc, and then playback starts automatically (if not, press **ENTER/▶ II**).

Basic playback controls

To play a disc

- Press **ENTER/▶ 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 the control knob on the front panel to the left or right (corresponding to ◀◀/▶▶) or press ◀ / ▶ on the remote once or repeatedly until the desired track number appears in the display.
- You can also use the **Numerical Keypad (0~9)** on the remote to select a track directly.
- To input a number larger than 10, press **SHIFT** on the remote once or more to select the first digit you want and then use the **Numerical Keypad (0~9)** to input the second digit.
- If you have selected a track number shortly after loading a disc or in the PAUSE position, you will need to press **ENTER/▶ II** to start playback.

Text display during playback

In CD mode

- Press **REMAIN** repeatedly to see the following information.
→ Track number and elapsed playback time of current track.
→ Track number and remaining playback time of current track.
→ Track number and total remaining playback time.

In MP3-CD mode

- Press **INFO./RDS** to display the ID-3 information if available.

To find a passage within a track

- 1 Press and hold the control knob on the front panel to the left or right (corresponding to **⏮** or **⏭**) or press **⏮** / **⏭** on the remote.
- 2 When you recognize the passage you want, release the control knob (**⏮** / **⏭** on the remote).
 - Normal playback continues.
 - To resume, press **ENTER** / **⏩** again.

To stop playback

- Press **CANCEL** / **■**.

To interrupt playback

- Press **ENTER** / **⏩** during playback.
 - The display freezes and the elapsed playing time flashes when playback is interrupted.

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.*

To scan all discs in a disc

- Press **INTRO/SCAN** on the remote to play the first 10 seconds of each track in the whole disc one by one.
 - **INTRO** appears on the display.
 - The playback will start from the first track of the current disc.

To scan all discs in a disc

- Press **INTRO/SCAN** on the remote again until **INTRO** disappears.

Playing an MP3 disc

- 1 Load an MP3 disc.
 - The disc reading time may exceed 10 seconds due to the large number of songs compiled into one disc.
- 2 Press **ALB +/-** on the remote to select a desired album.
- 3 Press the control knob on the front panel to the left or right (corresponding to **⏮** or **⏭**) or press **⏮** / **⏭** 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 **ENTER** / **⏩** 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.

- 1 To select your play mode, press **SHUFFLE** or **REPEAT** on the remote control before or during playback until the display shows the desired function.
 - **SHUFFLE** appears if the shuffle playback is activated and disappears if deactivated.
 - If **REPEAT** appears while **TRK** flashes on the display panel, it indicates to play the current track repeatedly.
 - If **REPEAT ALL** is displayed, it indicates to play all tracks in the whole disc repeatedly.
 - For an MP3 CD, if both **REPEAT** and **TRK** flash on the display panel, it indicates to play the current track repeatedly.
 - For an MP3 CD, if both **REPEAT** and **ALB** flash on the display panel, it indicates to play the current album repeatedly.
- 2 Press **ENTER/▶||** to start playback if in the STOP position.
 - If you have selected SHUFFLE, playback starts automatically.
- 3 To return to normal playback, press the respective **SHUFFLE** or **REPEAT** button until **REPEAT** or **SHUFFLE** is no longer displayed.
- You can also press **CANCEL/■** to cancel your play mode.

Note:

– The Repeat and Shuffle functions cannot be activated simultaneously.

Programming track numbers

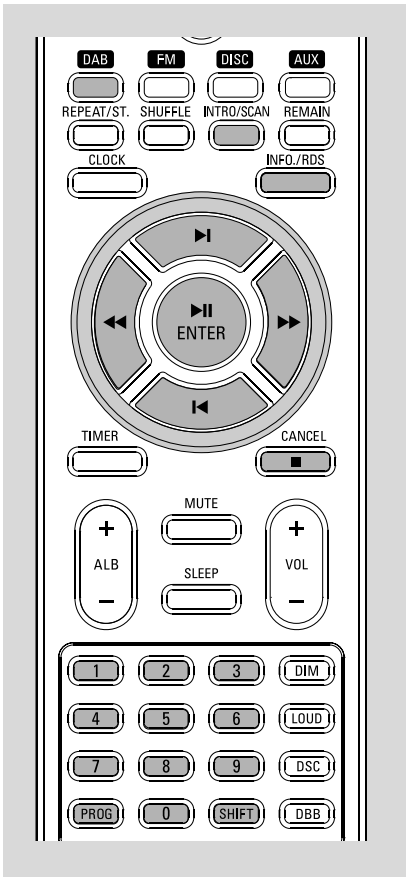
Program in the STOP position to select and store your disc tracks in the desired sequence. If you like, store any track more than once. Up to 20 tracks can be stored in the memory.

- 1 Press the control knob on the front panel of the system upward (corresponding to **PROGRAM**) or press **PROG** on the remote to enter the programming mode.
 - A track number flashes.
- 2 Press the control knob on the front panel of the system to the left or right (corresponding to **◀◀/▶▶**) or press **◀/▶** on the remote to select your desired track number.
 - For an MP3 CD, Press **ALB +/-** on the remote to select a desired album number.
- 3 Press the control knob on the front panel of the system upward (corresponding to **PROGRAM**) or press **PROG** on the remote 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.
 - Playback starts automatically from the first track programmed if you attempt to program more than 20 tracks.
- 5 Press **CANCEL/■** to finish programming.
 - **PROG** displays on the screen.
- 6 To start playback of your disc program, press **ENTER/▶||** directly.

Erasing the program

You can erase the program by:

- pressing the control knob on the front panel of the system upward (corresponding to **PROGRAM**) or press **PROG** on the remote again;
- pressing **CANCEL/■** once in the STOP mode;
- pressing **CANCEL/■** twice during playback;
 - **PROG** disappears.
- opening the CD compartment;



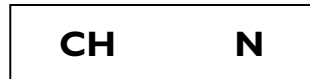
Tuning to DAB for the first time

- 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, "NO SERVICE" 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 the following, where "CH" is the DAB channel and "N" is the number of the current multiplex (ensemble).



- Press and hold **INTRO/SCAN** for more than 2 seconds.
 - The display panel shows "FULL SCAN" and the system will start full scan to search for all available Band III channels again automatically.
- Press **INTRO/SCAN** briefly.
 - 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 **CANCEL/■** 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 **ENTER/▶ II** for more than 2 seconds to start manual tuning.
 - The current DAB channel and frequency will be displayed.
- 2 Press the control knob on the front panel of the system to the left or right (corresponding to ◀◀/▶▶) or press ◀◀/▶▶ on the remote to select your desired DAB channels backward/forward.
- Press **ENTER/▶ II** to confirm and tune to your selected channel.

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.

Programming DAB stations

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

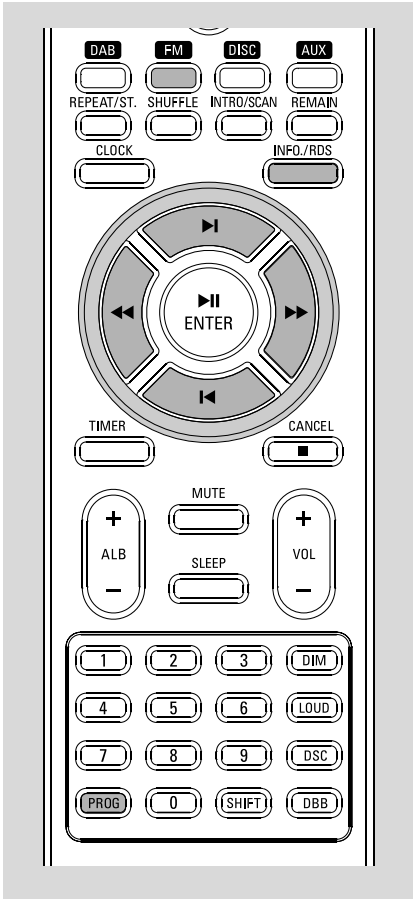
- ① Press the control knob on the front panel upward (corresponding to **PROGRAM**) or press **PROG** on the remote.
→ The display shows "PN", where N stands for the preset number.
 - ② Press the control knob on the front panel to the left or right (corresponding to ◀◀/▶▶) or press ◀ / ▶ on the remote to select your desired preset number. Then, press the control knob on the front panel upward (corresponding to **PROGRAM**) or press **PROG** on the remote 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 SAVE" 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 ◀ / ▶ on the remote 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.



Tuning to radio stations

- 1 Press **SOURCE** on the top of the system or **FM** on the remote to select FM.
- 2 Press and hold the control knob on the front panel of the system to the left or right (corresponding to \llcorner/\triangleright) or \ll/\triangleright 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 the control knob on the front panel of the system to the left or right (corresponding to \llcorner/\triangleright) or \ll/\triangleright on the remote 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.

Automatic programming

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

- 1 Press **PRESET -/+** on the top of the system or \ll/\triangleright 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 and hold the control knob on the front panel upward (corresponding to **PROGRAM**) or **PROG** on the remote for more than 2 seconds to activate programming.
→ **AUTO** 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 the control knob on the front panel upward (corresponding to **PROGRAM**) or **PROG** on the remote to activate programming.
- 3 Press **PRESET -/+** on the top of the system or \ll/\triangleright on the remote to allocate a number from 1 to 20 to this station.
- 4 Press the control knob on the front panel upward (corresponding to **PROGRAM**) or **PROG** on the remote again to confirm the setting.
→ The preset number and the frequency of the preset station are shown.

Radio Reception

- 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 +/-** on the top of the system or **◀ / ▶** on the remote 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

Radio Data System is a service that allows FM stations to show additional information. If you are receiving a RDS station, **RDS** and the station name are displayed.

When automatic programming is used, RDS stations will be programmed first.

Scrolling through different RDS information

- Press **INFO/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

Setting the RDS clock

Some 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.

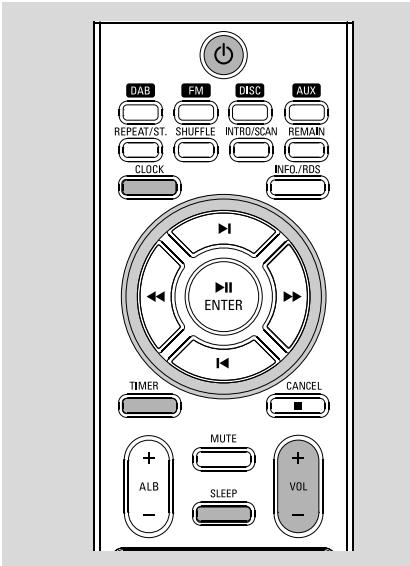
- 1 Tune to a RDS station.
- 2 The system will read the RDS time and set the clock automatically.

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
VARIETY	.....	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



Setting the clock

- 1 In Standby mode, press and hold **CLOCK** on the remote until the time flashes on the display.
→ "SET CLOCK" is displayed briefly. Then, the hour digits flash on the display screen.
- 2 Turn **VOLUME +/-** clockwise or anticlockwise or press **VOL +/-** on the remote to set the hours.
- 3 Press **CLOCK** to confirm.
→ The minute digits flash on the display screen.
- 4 Turn **VOLUME +/-** clockwise or anticlockwise or press **VOL +/-** on the remote to set the minutes.
- 5 Press **CLOCK** again to confirm the clock setting.

Notes:

- This system only supports 24-hour mode.
- The clock setting will be erased when the system is disconnected from the power supply.
- The system will exit clock setting mode if no button is pressed within 30 seconds.

Viewing the clock

- Press **CLOCK** in the active mode.
→ The clock time is displayed.

Setting the timer

- The system can be used as an alarm clock, whereby the DAB, FM, DISC, 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 30 seconds, the system will exit timer setting mode automatically.
- 1 Press and hold **TIMER** until the time flashes on the display.
→ "SET TIMER" is displayed briefly. Then, the hour digits flash on the display screen.
 - 2 Turn **VOLUME +/-** clockwise or anticlockwise or press **VOL +/-** on the remote to set the hours.
 - 3 Press **TIMER** to confirm.
→ The minute digits flash on the display screen.
 - 4 Turn **VOLUME +/-** clockwise or anticlockwise or press **VOL +/-** on the remote to set the minutes.
 - 5 Press **TIMER** to confirm the time setting.
→ "OFF" flashes on the display screen.
 - 6 Turn **VOLUME +/-** clockwise or anticlockwise or press **VOL +/-** on the remote to select "ON".
→ ⏰ icon appears on the display screen.

To deactivate the timer

- Select "OFF" at Step 6.

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.
→ The display shows one of the sleep time options in the following sequence: SLEEP--OFF, SLEEP--10, SLEEP--20, ... SLEEP--90, SLEEP--OFF ... Once the sleep function is activated, the SLEEP icon will be 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.

Specifications

AMPLIFIER

Output power 2 x 25 W RMS
Signal-to-noise ratio ≥ 70 dBA
Frequency response 20 Hz – 20 KHz, ± 3 dB
Input sensitivity AUX 0.5 V (max. 2 V)
Impedance loudspeakers 8 Ω
Impedance headphones 32 Ω
Output power headphones < 50 mW

CD PLAYER

Frequency range 20 Hz – 20 kHz
Signal-to-noise ratio 70 dBA

TUNER

FM wave range 87.5 – 108 MHz
DAB wave range 174 – 240 MHz
Sensitivity at 75 Ω
– FM 20dBf
– DAB -90dBm
Selectivity ≥ 25 dB
Total harmonic distortion $\leq 1\%$
Frequency response
– FM 63 – 6000 Hz
– DAB 63 Hz – 20 KHz
Signal-to-noise-ratio
– FM ≥ 50 dBA
– DAB ≥ 60 dBA

SPEAKERS

Bass reflex system
Dimensions (w x h x d) . 145 x 233 x 220 (mm)

GENERAL INFORMATION

AC Power 230 – 240 V / 50 Hz
Dimensions (w x h x d) . 208 x 124 x 265 (mm)
Weight(with/without speakers) 4.30 / 2.31 kg
Standby power consumption < 7 W
Eco power standby < 1 W

Specifications and external appearance are subject to change without notice.

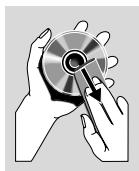
Maintenance

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.

WARNING

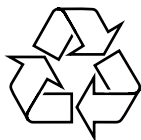
Under no circumstances should you try to repair the system yourself, as this will invalidate the warranty. Do not open the system as there is a risk of electric shock.

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
"NO DISC" is displayed.	<ul style="list-style-type: none"> ✓ 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.	<ul style="list-style-type: none"> ✓ 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.	<ul style="list-style-type: none"> ✓ Remove and reconnect the AC power plug and switch on the system again.
Sound cannot be heard or is of poor quality.	<ul style="list-style-type: none"> ✓ 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.	<ul style="list-style-type: none"> ✓ Check the speaker connections and location.
The remote control does not function properly.	<ul style="list-style-type: none"> ✓ Select the source (DISC or FM, 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.	<ul style="list-style-type: none"> ✓ Set the clock correctly. ✓ Switch on the timer.
The Clock/Timer setting is erased.	<ul style="list-style-type: none"> ✓ Power has been interrupted or the power cord has been disconnected. Reset the clock/timer.

Meet Philips at the Internet
<http://www.philips.com>

English



MCB700

