

Micro Hi-Fi System

MCB279

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www.philips.com/welcome

User manual

Benutzerhandbuch

Manuale dell'utente

Brukerhåndbok

Brugervejledning



PHILIPS

Important notes for users in the U.K.

Mains plug

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

- 1 Remove fuse cover and fuse.
- 2 Fix new fuse which should be a BS1362 3 Amp, A.S.T.A. or BSI approved type.
- 3 Refit the fuse cover.

If the fitted plug is not suitable for your socket outlets, it should be cut off and an appropriate plug fitted in its place.

If the mains plug contains a fuse, this should have a value of 3 Amp. If a plug without a fuse is used, the fuse at the distribution board should not be greater than 3 Amp.

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

How to connect a plug

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

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

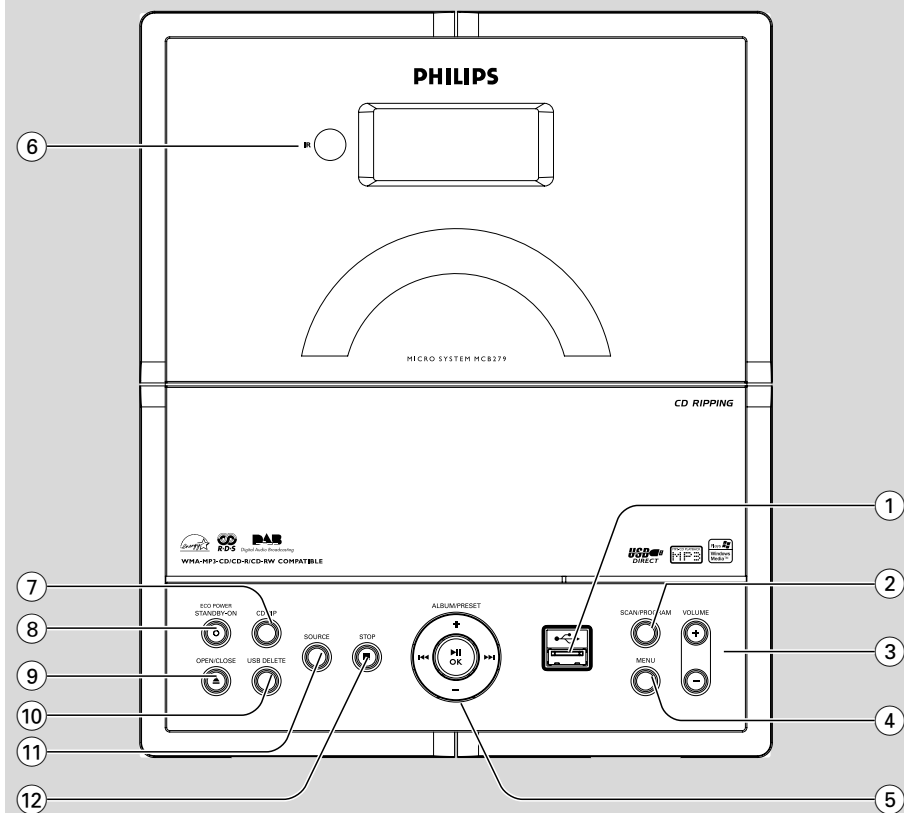
Before replacing the plug cover, make certain that the cord grip is clamped over the sheath of the lead - not simply over the two wires.

Copyright in the U.K.

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

CAUTION

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



Italia

DICHIARAZIONE DI CONFORMITA'

Si dichiara che l'apparecchio MCD289 Philips risponde alle prescrizioni dell'art. 2 comma 1 del D.M. 28 Agosto 1995 n. 548.

Fatto a Eindhoven

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

Norge

Typeskilt finnes på apparatens underside.

Observer: Nettbryteren er sekundert innkopleet. Den innebygde netdelen er derfor ikke frakopleet nettet så lenge apparatet er tilsluttet nettkontakten.

For å redusere faren for brann eller elektrisk støt, skal apparatet ikke utsettes for regn eller fuktighet.

DK

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

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

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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.

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

Supplied accessories

- 1 X certified power adapter
(Brand name: PHILIPS,
Model No.: AS-650-190-AB340
Input: 100-240V ~50/60Hz 1.6A,
Output: 19.0V $\pm$ 3.4A)
- 2 speaker boxes including 2 speaker cables
- remote control (with 1 x CR2025 battery)
- stand

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.
- Where the MAINS plug or an appliance coupler is used as the disconnection device, the disconnection device shall remain readily operable.
- The apparatus shall not be exposed to dripping or splashing.
- 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.**

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.



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.

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 specialised company. Please observe the local regulations regarding the disposal of packaging materials, exhausted batteries and old equipment.

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

- ① 
 - jack for the external USB mass storage device
- ② **SCAN/PROGRAM**
 - **CD/USB:** programs tracks
 - **FM:** programs preset radio stations.
 - **DAB:** starts DAB service scanning.
- ③ **VOLUME**
 - adjusts the volume level
- ④ **MENU**
 - selects DAB full scan, quick scan, manual tuning, language and DRC value.
- ⑤ **ALBUM/ PRESET + /-**
 - **CD/USB:** selects albums (for MP3/WMA only)
 - **FM:** selects a preset radio station
 - **Clock/Timer:** adjusts the hours and minutes

⏮ / ⏭

 - **CD/USB:** (press and hold) fast searches CD tracks/files backwards/forwards
 - **DAB:** selects a preset radio station.
 - **CD/MP3-CD/USB:** skips to the beginning of a current/previous/subsequent track.

▶ ||

 - **CD/USB:** starts or pauses playback
 - **DAB:** press to select an option.
 - **DAB:** press and hold to start manual tuning.
- ⑥ **IR**
 - sensor for the infrared remote control

Helpful hints: Always point the remote control towards this sensor.
- ⑦ **CD RIP**
 - records tracks in a CD or files in an MP3/WMA-CD into a USB disk
- ⑧ **STANDBY-ON/ ECO POWER**

In standby mode:

 - press and hold to switch the set to Eco power mode
 - press to switch the set on

In Eco power mode:

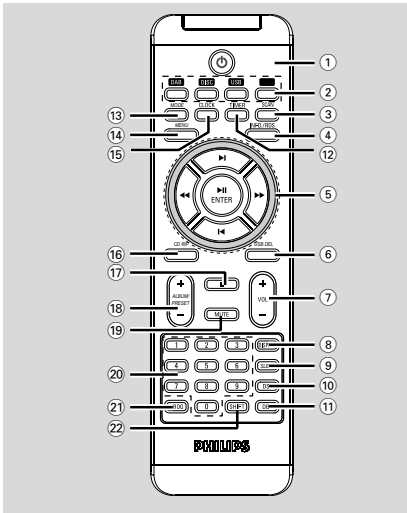
 - press and hold to switch the set on
 - press to switch the set to standby mode

In ON mode:

 - press to switch to standby mode
 - press and hold to switch to Eco power mode

- ⑨ **OPEN/CLOSE ▲**
 - opens/closes the CD door.
- ⑩ **USB DELETE**
 - deletes a single MP3/WMA file or all tracks in a USB disk
- ⑪ **SOURCE**
 - selects sound source CD, USB, FM, DAB or AUX
 - **In standby mode:** switches the set on and selects sound source CD, USB, FM, DAB, or AUX
- ⑫ **STOP**
 - **CD/USB:** stops playback; erase a program

Remote control



Notes for remote control:

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

①

In standby mode:

- press and hold to switch the set to Eco power mode
- press to switch the set on

In Eco power mode:

- press and hold to switch the set on
- press to switch the set to standby mode

In ON mode:

- press to switch to standby mode
- press and hold to switch to Eco power mode

② Source buttons

USB

- selects USB source
- **In standby mode:** switches the set on and selects USB source.

DISC

- selects CD source
- **In standby mode:** switches the set on and selects CD source.

DAB/FM

- selects tuner source and toggles between: FM and DAB
- **In standby mode:** switches the set on and selects tuner source

AUX

- selects the audio input from an additional connected appliance
- **In standby mode:** switches the set on and selects the audio input from an additional connected appliance

③ SCAN

- starts auto-scanning for DAB frequencies.

④ INFO./RDS

- for FM, displays RDS information.

⑤ ◀ / ▶

for CD/MP3-CD/USB

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

◀ / ▶

for CD/MP3-CD/USB

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

for clock/timer

..... adjusts the hours and minutes in DAB mode.

for DAB

..... tunes to preset DAB station.

ENTER/ ► II

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

⑥ USB DEL

- deletes a single MP3/WMA file or an album in a USB disk

⑦ VOL + / -

- adjusts the volume level

⑧ DISPLAY

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

⑨ SLEEP

- set the sleep timer

⑩ DSC (Digital Sound Control)

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

⑪ DBB (Dynamic Bass Boost)

- turns the bass enhancement on/off

12 TIMER

- sets the timer function

13 MODE

- selects playback modes between: REP, REP ALL, SHUFFLE, REP ALL, SHUFFLE, INTRO and OFF.

14 MENU

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

15 CLOCK

Clock:

- press once to display time
- press twice to enter the clock setting mode

FM/DAB/Audio CD/USB/AUX:

- switches between clock display and playback display

16 CD RIP

- records tracks in a CD or files in an MP3/WMA-CD into a USB disk

17 ■

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

18 ALBUM/PRESET +/-

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

for Tuner

..... tunes to preset FM station.

for clock/timer

..... adjusts the hours and minutes in CD/USB/TUNER mode.

19 MUTE

- switches the sound off temporarily

20 Numeric keypad (0-9)

- selects track or station number

21 PROG

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

22 SHIFT

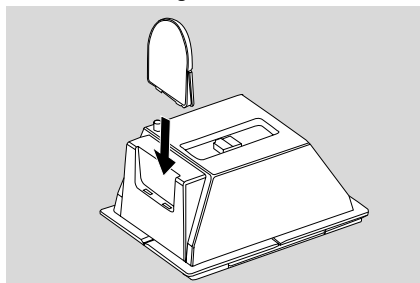
- inputs your desired track number (used together with the Numerical Keypad).

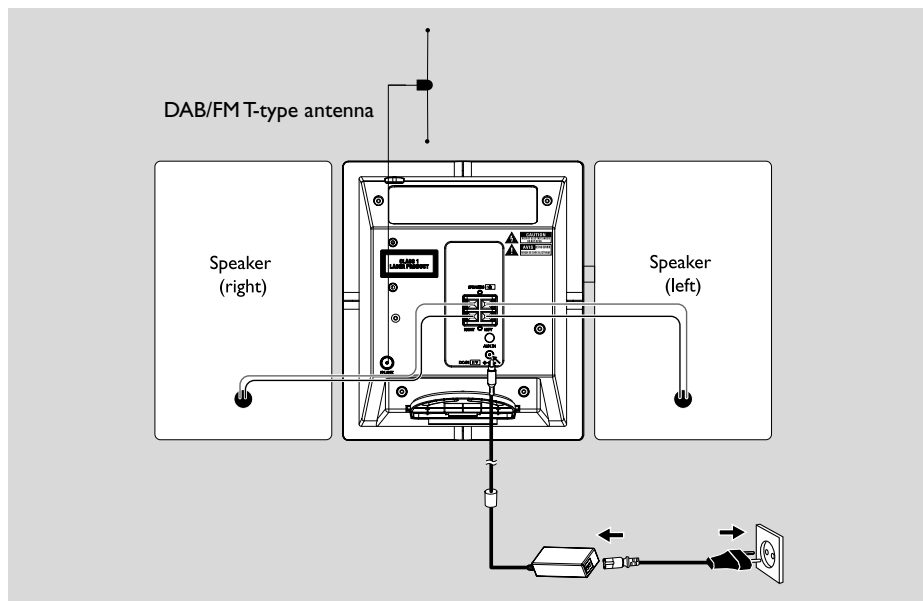
Placing the set

The set is supplied with a stand, you may attach or detach the stand to/from the main set.

Mounting the stand onto the set

- 1 Locate the bottom of the main unit and find the slot, then slide the stand in the slot until it stops, as indicated in the figure below.





Rear connection

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.**

(A) Speaker connection

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

- 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:
 - 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
 - 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

(B) FM/DAB antenna connection

Hang up one end of the T-shape DAB/FM antenna and keep the other end at horizontal angle to it to ensure sound DAB reception.

Note:

- This system does not support MW reception.

Helpful hints:

- To receive optimal radio reception, put the main unit and the antennas as far away as possible from the power adaptor.

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 music stored on the external device through the powerful speakers of Hi-Fi system.

- 1 Insert the USB device's USB plug into the socket  on the front panel of the main set.

Or,

for the devices with USB cable:

- a. Insert one plug of the USB cable (not supplied) to the socket  on the front panel of the main set.
- 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 front panel of the main set.

Connecting a non-USB device

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

Using AC power

- 1 Make sure all the connections have been made before switching on the power supply
- 2 Connect the supplied AC/DC power adaptor to the DC jack (located on the rear panel of the main set) and to the wall socket. This switches on the power supply.

To avoid damage to the set, use only the adaptor supplied.

When the set is switched to standby mode, 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). This product complies with the radio interference requirements of the European Community.

CAUTION

Visible and invisible laser radiation. If the cover is open, do not look at the beam.

High voltage! Do not open. You run the risk of getting an electric shock.

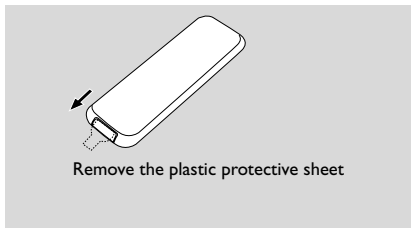
The machine does not contain any user-serviceable parts.

Modification of the product could result in hazardous radiation of EMC or other unsafe operation.

Preparations

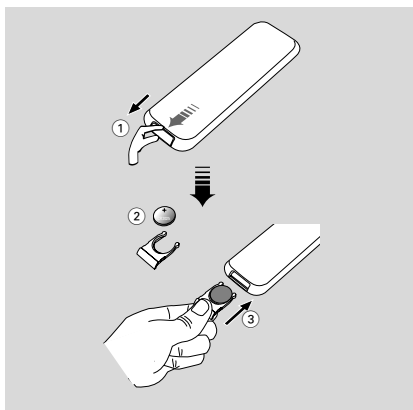
Before using the remote control

- 1 Pull out the plastic protective sheet.
- 2 Select the source you wish to control by pressing one of the source select keys on the remote control (for example CD,TUNER).
- 3 Then select the desired function (for example ► II , ◀◀, ▶▶).



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.

Setting the clock

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

Important!

To set clock in the Eco Power mode, press and hold **STANDBY-ON/ ECO POWER** on the set for 3 seconds or more to switch to normal standby mode first before proceeding with the procedures below.

- 1 Press **CLOCK** on the remote control to view clock time.
→ The display shows the set time.
→ 00:00 displays by default if you have not set the clock.
- 2 Press **CLOCK** once again.
→ The hours digits start flashing.
- 3 Hold down or press **ALBUM/PRESET +/-** on the set repeatedly to set the hours.
- 4 Press **CLOCK** to confirm.
→ The minutes digits start flashing.
- 5 Hold down or press **ALBUM/PRESET +/-** on the set repeatedly to set the minutes.
- 6 Press **CLOCK** to confirm.
– To exit without storing the clock setting press ■.

Helpful hints:

– The clock setting will be erased when the system is disconnected from the power supply.

Important!

Before you operate the system, complete the preparation procedures.

Switching on/off the set and selecting functions

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

Switching between Standby and ECO POWER mode

- 1 When the set is switched off, press and hold **STANDBY-ON/ ECO POWER** to switch to ECO POWER mode (or ϕ on the remote control) and press once to switch from ECO POWER mode to standby mode.
In ECO POWER mode (power-saving mode):
 → **ECO POWER** is displayed.
 → 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 pressing or holding **VOLUME +/-** (or **VOL +/-** 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** 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

DSC

DSC and DBB effects cannot be used together. **Digital Sound Control** enables you to select predefined sound settings.

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

DBB

- Press **DBB (Dynamic Bass Boost)** 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 to display the clock.

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: 999
- 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 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 **OPEN/CLOSE** to open the CD door:
→ **OPEN** is displayed.
- 3 Insert a disc with the printed side facing outward. Then press **OPEN/CLOSE** again to close the CD door:
→ **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/WMA: Display shows total album number and total track number.

Helpful hints:

- *If you have not organized MP3/WMA files into any albums on your disc, an album "A000" will be automatically assigned for all those files.*

- 4 Press **▶ ||** to start playback.
→ Display shows current track number and elapsed playing time.
- 5 To pause playback, press **▶ ||**. 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 **⏮ / ⏭** on the set (or **⏮ / ⏭** on the remote control) once or repeatedly until the desired track number appears in the display.

MP3/WMA: → Track information scrolls briefly.

MP3/WMA:

- Press **ALBUM/ PRESET +/-** on the set or remote control once or more to select the next or previous album.
→ Album information scrolls briefly.
- or
- In the stop position, press **ALBUM/ PRESET +/-** on the set or remote control and then **⏮ / ⏭** (or **⏮ / ⏭** on the remote control) to select the desired album and track.
→ **MP3/WMA:** Display shows current album/ track number.

Finding a passage within a track during playback

- 1 During playback, press and hold **⏮ / ⏭** on the set (or **⏮ / ⏭** on the remote control).
→ The CD plays at a high speed.
- 2 When you recognize the passage you want, release **⏮** or **⏭** or **⏮ / ⏭**.
→ 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 stop position, press **PROGRAM** to start programming.
→ **PROG** flashes.
- 2 Press **⏮ / ⏭** on the set (or **⏮ / ⏭** on the remote control) once or repeatedly until the desired track number appears in the display.
- **MP3/WMA:** press **ALBUM/ PRESET +/-** on the set (or **▲ / ▼** on the remote control) and **⏮ / ⏭** on the set (or **⏮ / ⏭** on the remote control) to select the desired album and track.
- 3 Press **PROGRAM** 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.
→ **PROG FULL** is displayed if you attempt to program more than 32 tracks.
- 5 Press **▶ ||** play the program.

Helpful hints:

- The set will return to the stop position if no button is pressed within 20 seconds. To resume programming, press **PROGRAM**.
- **MP3/WMA:** When playing a program, use of **ALBUM/ PRESET** are void.

Erasing the program

To erase the contents of the memory, you can:

- 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.

Different play modes: REPEAT, SHUFFLE

REP

– plays the current track continuously.

REP ALL

– plays the entire disc/program continuously.

SHUFFLE

– plays all the tracks in random order:

SHUFFLE REP ALL

– repeatedly plays all the tracks in random order.

INTRO

– plays the first 10 seconds in each track

□FF – plays tracks normally

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

Helpful hints:

– In the shuffle mode, press ►►/ to select tracks.

Display track information (MP3/WMA only)

The ID3 tag is part of an MP3/WMA 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.

Helpful hints:

– Complete the ID3 tag information with your MP3/WMA encoder software before burning the MP3/WMA-CD.

Tuning to radio stations

- 1 Press **SOURCE** (or **DAB/FM** on the remote control) once or more to select **FM**.
- 2 Press and hold **◀◀ / ▶▶** on the set (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 **◀◀ / ▶▶** on the remote control briefly and repeatedly until you have found optimal reception.

Programming radio stations

You can store up to a total of 40 radio stations (FM and DAB) in the memory, manually or automatically.

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 **ALBUM/ PRESET +/-** on the set 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 **PROG** until **AUTO PROGRAM** appears.
→ Available FM stations are programmed.
→ After all stations are stored, the first preset station will then be played.

Manual programming

- 1 Tune to your desired station (see **Tuning to radio stations**).
- 2 Press **PROG** to activate programming.
→ **PROG** flashes.
- 3 Press **ALBUM/ PRESET +/-** on the set to allocate a number from 1 to 20 to this station.

- 4 Press **PROG** 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 **ALBUM/ PRESET +/-** on the set once or more until the desired preset station is displayed.

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, **RDS** 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 PTY 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.

Tuning to a program type (PTY)

PTY enables you to tune to a desired program type.

- 1 Press **Program RDS stations** (See **Programming radio stations**).
- 2 When tuning to an RDS station, press **RDS/NEWS** on the remote control repeatedly until the program type is displayed.
- 3 Press **ALBUM/ PRESET +/-** on the set (or ▲ / ▼ on the remote control) repeatedly to select the desired program type.
- 4 Press and hold **I◀◀ / ▶▶I** on the set (or ◀◀ / ▶▶ on the remote control) until **SEARCH** appears.
 - The radio tunes to a radio station broadcasting of the program type.
 - **TYPE NOT FOUND** is displayed if the program type is not available.

Tuning to DAB for the first time

- 1 Press **SOURCE** on the top of the system to select DAB (or press **DAB/FM** 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 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.
- 3 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 n-umber.
- 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 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 **ALBUM/PRESET +/-** (or **◀ / ▶** on the remote control) until the desired preset station is displayed.

Using a non-USB device

- 1 Connect the audio out terminals of the external equipment (TV,VCR, Laser Disc player; DVD player or CD Recorder) to the **LINE-IN** terminal of your system.
- 2 Press **SOURCE** repeatedly (or **AUX** on the remote control) to select external equipment.

Notes:

- 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.

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 micro system:

a) This micro system 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 micro system.

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 micro system 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 micro system 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 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 500
- 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.

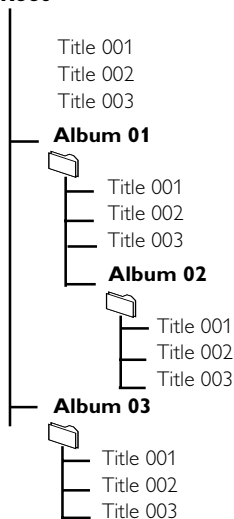
However, those WMA files may be unplayable for compatibility reasons.

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:

Root



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 “A000” 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 for details about Windows Media Player and WM DRM (Windows Media Digital Rights Management).

Note:

- 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.

CD Ripping - Recording disc files to a USB device

The set allows you to copy the music files or spoken contents of a disc to the external USB device. You can record one track, the whole disc or even selected tracks through the Program function.

- 1 Check the USB device has been properly connected.
 - 2 Insert a disc (audio CD or MP3 or WMA). If desired, program the disc.
 - 3 Press **SOURCE** once or more to select **CD** (or **CD** on the remote control).
 - 4 **To record one file**
 - a. Select the track you want to record
 - b. Press once or repeatedly **USB REC** until “RIP ONE” appears, flashing.
 - Disc playback will start automatically from the beginning of the selected track.
 - 4 **To record all files**
 - a. Press repeatedly **USB REC** until “RIP ALL” appears, flashing.
 - Disc playback will start automatically from the beginning.
 - 5 To stop recording, first press **■**, then unplug the USB device.
- In the rip-one mode, the playback will auto go to the stop position after one track/file comes to an end.
 - During MP3 and WMA recording, make sure the playback of the file you want to record is wholly completed before manually stop recording. Or any part of the file will not be recorded.
 - During recording, if the memory of the USB device runs out, playback will not continue.

Helpful hints:

- In recording mode (even the USB device is unplugged from the set), selections of track/album, play modes (repeat and shuffle modes) are not available.
- All the recorded audio files will be stored in the folder named **_PHILIPS** which is automatically created for recording.
- The recorded audio file will be stored in either .mp3 format (for the disc of audio or MP3), or .wma format (for WMA disc).
- Copyright-protected CD will not be recorded.
- DRM-protected WMA is not supported.
- Do not directly unplug the USB device to stop recording for a possible loss of some of the recorded contents.
- For MP3 and WMA recording, if the name of a file to be recorded is the same as the one of a file stored in the USB device, the file will not be recorded. In this case, the set's display will show flashing "Err" and "duP" interchangeably 3 seconds.
- For some USB device of low speed, the playback may go with muted sound for some seconds which will depend on the capability of the low-speed USB device.

Deleting audio files on a USB device

- 1 Check the USB device has been properly connected.
- 2 Press **SOURCE** once or more to select **USB** (or **USB** on the remote control).
- 3 **To delete one file**
 - a. Select the track you want to delete before or during playback.
 - b. Press **USB DEL** on the remote control.
→ "DELETE ?" is displayed.
- 4 **To delete all files**
 - a. Press and hold **USB DEL** on the remote control for 2 seconds.
→ "DELETE ALL" is displayed.
- 5 To delete, press **USB DEL** again.
- 6 To not to delete, wait until "DEL" disappears after 4 seconds of flashing, or just press ■.

Helpful hints:

- For some MP3 players, the set will read it as only one folder which will wrap up all the audio files on the player regardless of more than one folder on that player.
- The set may not be able to delete a file /album stored on some MP3 players.

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**

Using a non-USB device

- 1 Connect the audio out terminals of the external equipment (TV, VCR, Laser Disc player, DVD player or CD Recorder) to the **AUX-IN** terminal of your system.
- 2 Press **SOURCE** repeatedly (or **AUX** on the remote control) to select external equipment.

Notes:

- 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.

Setting clock

There are two possible methods for setting the clock: manually or automatically by using RDS.

Automatic clock setting

Refer to "Setting the RDS clock".

Manual clock setting

- 1 In standby mode, press **CLOCK** on the remote control.
→ The hour digits start flashing.
- 2 Hold down or press **ALBUM/PRESET +/-** on the set repeatedly to set the hours.
- 3 Press **CLOCK** again.
→ The minute digits start flashing.
- 4 Hold down or press **ALBUM/PRESET +/-** on the set repeatedly to set the minute.
- 5 Press **CLOCK** to confirm the time.

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 hour digits start flashing.
- 2 Hold down or press **ALBUM/PRESET +/-** on the set repeatedly to set the hour.
- 3 Press **TIMER** to confirm.
→ The minute digits start flashing.
- 4 Hold down or press **ALBUM/PRESET +/-** on the set repeatedly to set the minute.
- 5 Press **TIMER** to confirm.
→ **TIMER OFF** and the hour digits start flashing.
- 6 Hold down or press **ALBUM/PRESET +/-** on the set repeatedly to set the hour.
- 7 Press **TIMER** to confirm.
→ The minute digits start flashing.
- 8 Hold down or press **ALBUM/PRESET +/-** on the set repeatedly to set the minute.
- 9 Press **TIMER** again.
→ The source mode now is available for selection.

- 10 Hold down or press **ALBUM/PRESET +/-** on the set repeatedly to select the wake-up source (DAB, FM, DISC or USB).

Note:

– if you choose **FM** as the wake-up source, Hold down or press **ALBUM/PRESET +/-** on the set repeatedly to select a preset station.

- 11 Hold down or press **ALBUM/PRESET +/-** on the set repeatedly to set the wake-up volume.
- 12 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 10 seconds.

Activating and deactivating TIMER

- Press **TIMER** on the remote repeatedly to activate or deactivate the timer.
→ If deactivated, "**TIMER OFF**" appears.

Helpful hints:

The timer will not work at the set time if
– 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

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 **zz** appears.
- To review the remaining sleep time, press **SLEEP**.

Notes:

- *If you press SLEEP again, this will change your sleep time period to the next shorter preset option.*

To deactivate the sleep timer, press **SLEEP** repeatedly to **SLEEP OFF**.

→ The icon **zz** 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.*

AMPLIFIER

Output power	2 x 30 W RMS
Signal-to-noise ratio	≥ 62 dBA (IEC)
Frequency response	63 – 16000 Hz, ± 3 dB
Impedance loudspeakers	6 Ω
Impedance headphones	32 Ω -1000 Ω

CD/MP3-CD PLAYER

Number of programmable tracks	32
Frequency range	20 – 20000 Hz
Signal-to-noise ratio	75 dBA
Channel separation	≥ 50 dBA (1 kHz)
Total harmonic distortion	≤ 0.5%
MPEG 1 Layer 3 (MP3-CD)	MPEG AUDIO
MP3-CD bit rate	32-256 kbps (192 kbps advised)
Sampling frequencies	16/22.05/24/32/44.1/48 kHz

USB PLAYER

USB	V1.1
Number of albums/folders	maximum 999
Number of tracks/titles	maximum 999

TUNER

FM wave range	87.5 – 108 MHz
Sensitivity at 75 Ω	
– mono, 26 dB signal-to-noise ratio	2.8 μV
– stereo, 46 dB signal-to-noise ratio	61.4 μV
Total harmonic distortion	≤ 5%

Frequency response	63 – 12500 Hz (± 3 dB)
Signal-to-noise-ratio	≥ 50 dBA
DAB wave range	174-240 MHz

SPEAKERS

2-way Bass reflex system

GENERAL INFORMATION

AC Power	110 – 240 V, 50/60 Hz
Standby Power Consumption	≤ 6 W
ECO Standby Power Consumption	≤ 1 W
Dimensions (w x h x d)	
– Main unit (w x h x d)	210 x 249 x 116 mm
– Speaker box (w x h x d)	157 x 249 x 190 mm
Weight	
– With Packing	5.85 kg
– Main Unit	1.43 kg
– Speaker box	1.19 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.

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
"NO DISC" is displayed.	✓ Insert a disc. ✓ Wait until the moisture condensation at the lens has cleared. ✓ Replace or clean the disc, see "Maintenance". ✓ Use a finalised CD-RW or a correct MP3/WMA-CD format disc.
Some files on the USB device are not displayed.	✓ Check if the number of folders exceeds 999 or the number of titles exceeds 999
Radio reception is poor.	✓ If the signal is too weak, adjust the antenna or connect an external antenna for better reception. ✓ Increase the distance between the Micro HiFi System and your TV or VCR.
The system does not react when buttons are pressed.	✓ Remove and reconnect the AC power plug and switch on the system again.
Sound cannot be heard or is of poor quality.	✓ Adjust the volume. ✓ Disconnect the headphones. ✓ Check that the speakers are connected correctly. ✓ Check if the stripped speaker wire is clamped. ✓ 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.
The left and right sound outputs are reversed.	✓ Check the speaker connections and location.
The indication "Station not available" is displayed.	✓ DAB coverage is currently unavailable in your area. - Wait until the coverage resumes. ✓ DAB signal is weak. - Relocate the set.

The remote control does not function properly.

- ✓ Select the source (CD or TUNER, for example) before pressing the function button (▶||, ◀, ▶|).
- ✓ Reduce the distance between the remote control and the system.
- ✓ Insert the battery with its polarities (+/- signs) aligned as indicated.
- ✓ Replace the battery.
- ✓ Point the remote control directly toward IR sensor on the front of the system.

The timer is not working.

- ✓ 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.

The USB device doesn't play on my set.

- ✓ It is not set in the USB mode. Select USB mode.
- ✓ The device is not securely connected to the set's USB port. Re-connect the device.
- ✓ The device is not supported by the set, or the audio file format stored on the device is not supported by the set. Use a compatible device/playable audio file format.

The disc file cannot be recorded to the USB device

- ✓ You stop recording when the MP3 or WMA file you want to record is still playing. Select record-one mode to record, or stop recording only when the playback of MP3 or WMA file is wholly completed.
- ✓ The memory of the USB device runs out. Delete some unwanted files on the USB device to free some memory, or use another USB device of sufficient free memory to record.
- ✓ The name of a MP3 or WMA file on the disc is identical to the one of a file on the USB device. Change to a different name for the file on the USB device.



English

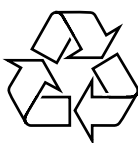
Deutsch

Italiano

Português

Dansk

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



MCB279

**CLASS 1
LASER PRODUCT**



Printed in China

PDCC-JW-0819

