

EN User manual



English

Important

Safety

- Read these instructions.
- Keep these instructions.
 - Heed all warnings.
- Follow all instructions
- Do not use this apparatus near water.
- Clean only with dry cloth.
- 1 2 3 4 5 6 7 Do not block any ventilation openings. Install in accordance with the manufacturer's instructions
- (8) Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- (9) Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- (10) Only use attachments/accessories specified by the manufacturer.
- (11)Use only with the cart, stand, tripod, bracket. or table specified by the manufacturer or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.



(12) Unplug this apparatus during lightning storms or when unused for long periods of time.

required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped. (14) Battery usage CAUTION - To prevent battery leakage which may result in bodily injury, property damage, or damage to the unit

Refer all servicing to qualified service personnel. Servicing is

13)

15

16)

(17)

- Install all batteries correctly, + and as marked on the unit
- Do not mix batteries (old and new or carbon and alkaline, etc.).
- Remove batteries when the unit is not used for a long time
- Apparatus shall not be exposed to dripping or splashing.
- Do not place any sources of danger on the apparatus (e.g. liquid filled objects, lighted candles).
- This product may contain lead and mercury. Disposal of these materials may be regulated due to environmental
- considerations. For disposal or recycling information, please contact your local authorities or the Electronic Industries Alliance: www.eiae.org. Where the MAINS plug or an appliance coupler is used as
- (18) the disconnect device, the disconnect device shall remain readily operable.



- Never remove the casing of this Micro Hi-Fi.
- Never lubricate any part of this Micro Hi-Fi.
- · Never place this Micro Hi-Fi on other electrical equipment.
- Keep this Micro Hi-Fi away from direct sunlight, naked flames or heat.
- Never look into the laser beam inside the Micro Hi-Fi.
 Ensure that you always have easy access to the power cord, plug or adaptor to disconnect the Micro Hi-Fi from the power.



Caution

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

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.

Notice

This product complies with the radio interference requirements of the European Community. This product complies with the requirements of the following directives and guidelines: 2004/108/EC + 2006/95/EC



Any changes or modifications made to this device that are not expressly approved by Philips Consumer Lifestyle may void the user's authority to operate the equipment.

The making of unauthorized copies of copy-protected material, including computer programs, 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.

Recording and playback of material might require consent. See Copyright Act 1956 and The Performer's Protection Acts 1958 to 1977.

Recycling

Your product is designed and manufactured with high quality materials and components, which can be recycled and reused.



When you see the crossed-out wheel bin symbol attached to a product, it means the product is covered by the European Directive 2002/96/EC:

Never dispose of your product with other household

waste. Please inform yourself about the local rules on the separate collection of electrical and electronic products. The correct disposal of your old product helps prevent potentially negative consequences on the environment and human health. Your product contains batteries covered by the European Directive 2006/66/EC, which cannot be disposed of with normal household waste.

When you see the crossed-out wheel bin symbol with the chemical symbol 'Pb', it means that the batteries comply with the requirement set by the directive for lead:



Please inform yourself about the local rules on separate Pb collection of batteries. The correct disposal of batteries helps prevent potentially negative consequences on the environment and human health.

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.

Windows Media and the Windows logo are trademarks, or registered trademarks of Microsoft Corporation in the United States and/or other countries.



This Micro Hi-Fi includes this label:



Norge

Typeskilt finnes på apparatens underside.

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

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

2 Your Micro Hi-Fi

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.

Introduction

With this Micro Hi-Fi, you can enjoy music from audio discs, tapes, external devices, and listen to radio stations.

The Micro Hi-Fi offers you multiple sound effect settings that enrich sound with Digital Sound Control (DSC) and Dynamic Bass Boost

sound with Digital Sound Control (DSC) and Dynamic Bass Boost (DBB).

When you activate record from disc to tape, this Micro Hi-Fi starts disc play automatically.

The Micro Hi-Fi supports the following media formats:







What's in the box Check and identify the contents of your package:

- Main unit
- Loudspeaker boxes x 2
- Remote control
- MP3 link cable

Overview of the main unit 1 PULL TO OPEN 16) 15) 14) 13) 12) 11) **PHILIPS** 10 WE MPS

PULL TO OPEN Open or close the disc tray. STANDBY-ON Turn on the unit or switch to standby mode. DSC Select a preset sound setting: POP, JAZZ, CLASSIC or ROCK. DBB Turn on or off dynamic bass enhancement. III

Start or pause play. PRESET/ALBUM+/-

(7)

(8)

(9)

- Select a preset radio station.
 - Skip to the previous/next album.
- Skip to the previous/next track.
 - Search within a track/ disc.
 - Tune to a radio station
 - Adjust time.

Tape deck operation •

- Start to record.
- Start tape play.
- ◀◀/▶▶ Fast rewind/wind the tape.
- ■▲
 - Stop the tape play or open the tape door.

 II
 - Pause tape play or pause recording.
- Tape button coverPull to open the tape button cover.



Stop play or erase a program. (13)

- CLOCK Set the clock.
- View the clock
- During play, select display information.

PROG

(14)

(15)

(16)

- Program tracks. Program radio stations.
- Select 12 hour or 24 hour format

SOURCE Select a source: disc, FM tuner, MW tuner, tape or MP3 link.

- Display panel
- Show current status.

Overview of the remote control 20 (19) (18) 17) 16 (15) 14 (13) (12) (5) (6) (11) 7 (10) 9 8 **PHILIPS**

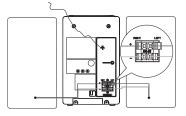
- 1 REP
 - Play a track repeatedly.
- REP ALLPlay all tracks repeatedly.
- TIMER ON/OFF
 Turn on or off alarm timer.

(4)	 √ / ▶		
_	 Skip to the previous/next track, 		
(5)	DSC		
	 Select a preset sound setting: POP, JAZZ, CLASSIC or ROCK. 		
6	ALB/PRESET+/-		
	Skip to the previous/next album.Select a preset radio station.		
7	MUTE		
_	Mute volume.		
8	PROG		
	Program tracks.Program radio stations.		
	Select 12 hour or 24 hour format.		
(9)	CLOCK/DISPLAY		
_	Set the clock.		
	View the clock.		
_	 During play, select display information. 		
(10)	Numeric keypad Select a track from a disc directly.		
11)	VOL +/-		
	Adjust volume.		
12			
$\overline{}$	Stop play or erase a program.		
13)	DBB		
	• Turn on or off dynamic bass enhancement. ◀◀♪▶		
(14)	Search within a track/ disc.		
	Tune to a radio station.		
	Adjust time.		
(15)	▶II		
_	Start or pause play.		

- TIMER Set the alarm timer.
- 17) SHUF Play tracks randomly.
- 18) SI FFP
 - Set the sleep timer.
- 19 Source selection keys (DISC, TUN, MP3 LINK, TAPE)
- **POWER**
 - Turn on the unit or switch to standby mode.

Connect

Connect speakers





- Insert the stripped portion of each speaker wire into the socket
- completely.For optimal sound, use the supplied speakers only.
- For optimal sound, use the supplied speakers only.
 Connect only speakers with impedance that is the same or higher than the supplied speakers. Refer to the Specifications section of this manual.
- 1 For the right speaker, find the sockets on the main unit marked 'RIGHT'
 - Insert the red wire to the red (+) socket. To insert each speaker wire:
 - 1 Hold down the socket flap.
 - 2 Insert the speaker wire fully.
 - Release the socket flap.



- Insert the black wire into the black (-) socket.
 - For the left speaker, find the sockets on the main unit marked 'LEFT'.
- Repeat steps 2-3.

Connect power





- Risk of product damage! Ensure that the power supply voltage corresponds to the voltage printed on the back or the underside of the Micro Hi-Fi
- Before connecting the AC power cord, ensure you have completed all other connections.
- 1 Connect the AC power cord to the wall socket.

4 Get started



Use the controls only as stated in this user manual.

Always follow the instructions in this chapter in sequence.

If you contact Philips, you will be asked for the model and serial number of your Micro Hi-Fi. The model number and serial number are on the back of your Micro Hi-Fi. Write the numbers here:

Model No.

Serial No.

Prepare the remote control



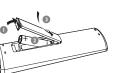
Risk of explosion! Keep batteries away from heat, sunshine or fire.
 Never discard batteries in fire.

To replace the remote control battery:

Open the battery compartment.

Close the battery compartment.

Insert 2 AAA batteries with correct polarity (+/-) as indicated.





 If you are not going to use the remote control for a long time, remove the battery.

Auto install radio stations

When you connect power and no radio stations are stored, the Micro Hi-Fi automatically begins to store radio stations.

- Connect the Micro Hi-Fi to the power supply.
- → [AUTO INSTALL PRESS PLAY] (auto install press the PLAY button) is displayed.
 - Press II on the main unit to start installation. [AUTO] (auto) is displayed.
 - → The Micro Hi-Fi automatically stores radio stations with sufficient signal strength.
 - → When all the available radio stations are stored, the first preset radio station is broadcast automatically.

Set clock

- Press and hold CLOCK/DISPLAY to activate the clock setting mode
 - → The 12 hour or 24 hour format is displayed.
 - Press **PROG** repeatedly to select 12 hour or 24 hour format. Press CLOCK/DISPLAY to confirm.
 - → The hour digits are displayed and begin to blink.
- 4 Press **I** to set the hour.
- Press CLOCK/DISPLAY to confirm
 - → The minute digits are displayed and begin to blink.
- Press \to set the minute.
 - Press CLOCK/DISPLAY to confirm



To view the clock during play, press CLOCK/DISPLAY repeatedly until the clock is displayed.

Turn on 1 Press POWER.

→ The Micro Hi-Fi switches to the last selected source.

Switch to standby

1 Press POWER to switch the Micro Hi-Fi to standby mode.
→ The backlight on the display panel is reduced.

→ The backing it of the display pariet's reduced.
 → The clock (if set) appears on the display panel.

5 Play

Play disc

1 2 3

Press **DISC** to select the disc source.

- Lift the lid of the CD compartment.

 Insert a disc with the printed side facing up, then close the disc
- tray.

 Press ▶ to start play.
- To pause/resume play, press ►■.
 To stop play, press ■.

Play tape



 When you play or record a tape, the sound source cannot be changed.

- 1 Press TAPE to select the tape source.
- Press TAPE to select the tape source.

 Pull at PULL TO OPEN on the front panel to open the tape button cover.

- Press to open the tape door. Load the tape with the open side downward and the full spool
- to the left
- 5 Press to start play.
 - To pause/resume play, press ■.
 - To fast rewind or wind the tape, press .
 - To stop play, press ■▲.

6 Disc play options

Skip to a track

For CD:

- Press

 Ito select another track.
 - To select a track directly, you can also press a key on the numerical keypad.

For MP3 disc:

- Press AI B/PRESET+/- to select an album or folder.
 - Press | Ito select a track or file.

Search within a track

- During play, press and hold **\(\Pi\)**.
 - Release to resume normal play.

Repeat play

Play all tracks or an album repeatedly

- During play, press REP ALL repeatedly to select:
 - [REP ALL] (repeat all) is displayed: all tracks are played repeatedly.

- → For MP3 only, [REP ALB] (repeat album) is displayed: the current album is played repeatedly.
- To return to normal play, press REP ALL repeatedly until repeat mode is no longer displayed.

Play a track repeatedly

- During play, press REP.
 - → [REP] (repeat) is displayed: the current track is played repeatedly.
- To return to normal play, press REP again.

Random play

- 1 Press SHUF.
 - → [SHUF] (shuffle) is displayed: all tracks are played randomly.
- To return to normal play, press SHUF again.



 The repeat and shuffle functions cannot be activated at the same time.

Program tracks

You can program a maximum of 40 tracks.

- 1 At disc mode, in the stop position, press PROG to activate the program mode.
- program mode.

 → [PROG] (program) blinks on the display.
- 2 For MP3/WMA tracks, press ALB/PRESET+/- to select an album
 - Press I◀▶►I to select a track number, then press PROG to confirm

Press ►II to play the programmed tracks.

→ During play, [PROG] (program) is displayed.

To program the program in the step position program.

Repeat steps 2 to 3 to select and store all tracks to program.

• To erase the program, in the stop position, press

Display play information

1 During play, press CLOCK/DISPLAY repeatedly to select different play information.

7 Adjust sound

Adjust volume level

During play, press VOL +/- to increase/decrease the volume level

Select a preset sound effect

- During play, press **DSC** repeatedly to select:
- [POP] (pop)
 - [IAZZ] (jazz)
- [CLASSIC] (classic)
- [ROCK] (rock)

Enhance bass

During play, press DBB to turn on or off dynamic bass enhancement.
 If DBB is activated, DBB is displayed,

Mute sound

1 During play, press MUTE to mute/unmute sound.

8 Listen to radio

Tune to a radio station

- Press TUN repeatedly to select FM or MW.
- Press and hold **\\ \rightarrow** for more than 2 seconds.
 - → [SEARCH] (search) is displayed.
 - The radio tunes to a station with strong reception automatically.
- 3 Repeat step 2 to tune to more stations.

Program radio stations automatically

You can program a maximum of 40 preset radio stations.

- In the tuner mode, press and hold PROG for more than 2 seconds to activate automatic program mode.
 - → [AUTO] (auto) is displayed.
 - All available stations are programmed in the order of waveband reception strength.
 - → The first programmed radio station is broadcast automatically.

Program radio stations manually

You can program a maximum of 40 preset radio stations.

- 1 Tune to a radio station. (See "Tune to a radio station" section.)
- Press **PROG** to activate program mode.
- → [PROG] (program) blinks on the display.
- Press ALB/PRESET+/- to allocate a number (1 to 40) to this radio station, then press PROG to confirm.
 - → The preset number and the frequency of the preset station are displayed.

4 Repeat the above steps to program other stations.



• To overwrite a programmed station, store another station in its place.

Select a preset radio station

1 In tuner mode, press ALB/PRESET+/- to select a preset



- Position the antenna as far as possible from TV, VCR or other radiation source.
- For optimal reception, fully extend and adjust the position of the antenna.

9 Record



- To record, use only "Normal" (IEC type I) tapes on which the writeprotect notches (tabs) are not broken.
- When you play or record a tape, the sound source cannot be changed.

Auto record from CD to tape

- Select the disc source.
- Load a disc
- Pull at PULL TO OPEN on the front panel to open the tape button cover
- 4 5 6 Press ■ ≜ to open the tape door.
 - Load a tape.
 - Press to start recording.
 - Disc play starts automatically from the beginning of the disc.
 - To pause recording, press II. To resume, press this button again.
 - To stop recording, press ≜.

Record a section of a disc to tape

- During disc play, press and hold **\I** to search, then release the button.
- To select a track, press <a>I◀/►1.
- Press II to pause disc play.
 - Press to start recording.
 - Disc play resumes automatically.
 - To pause recording, press II. To resume, press this button again.
 - To stop recording, press ▲.



- The best recording level is set automatically. Change of volume and sound effect does not affect recording.
- The quality of recorded sound can differ depending on the source and the tape used.

Record from radio to tape

- Tune to the desired radio station.
 - Press PULL TO OPEN on the front panel to open the tape button cover.
 - Press **≜** to open the tape door.
- Load a tape.
 - Press to start recording.
 - To pause recording, press II. To resume, press this button again.
 - To stop recording, press ≜.

10 Other features

Set the alarm timer

This Micro Hi-Fi can be used as an alarm clock, The DISC or TUNER is activated to play at a preset time.

- Ensure that you have set the clock correctly.
 - Press and hold TIMER.
 - Press DISC or TUN to select a source
 - Press TIMER to confirm.
 - → The hour digits are displayed and begin to blink.
 - Press **I** to set the hour.
- 5 6 Press TIMFR to confirm
 - The minute digits are displayed and begin to blink.
 - Press **The Press** to set the minute.
 - Press TIMFR to confirm
 - The timer is set and activated.

Activate and deactivate the alarm timer

- Press TIMER ON/OFF repeatedly to activate or deactivate the timer
 - -If the timer is activated, the display shows \oplus .
 - If the timer is deactivated, in disappears on the display.



- In MP3 link mode, the alarm timer cannot be set.
- If disc source is selected and the track cannot be played, tuner is activated automatically.

Set the sleep timer

This Micro Hi-Fi can switch to standby automatically after a set period of time

When the Micro Hi-Fi is turned on, press **SLEEP** repeatedly to select a set period of time (in minutes).

When sleep timer is activated, the display shows z^z.

To deactivate sleep timer

- Press SLEEP repeatedly until "0" is displayed.
 - → When sleep timer is deactivated, zzż disappears on the display.

Listen to an external device

You can listen to an MP3 player through this Micro Hi-Fi.

- Press MP3 LINK to select MP3 link source
- Use an MP3 link cable (supplied) to connect MP3 LINK jack (3.5mm) on this Micro Hi-Fi and the headphone lack on an MP3 player.

1 Product information



Amplifier

Pated Output Power

S/N Ratio

• Product information is subject to change without prior notice.

Specifications

Rated Output Power	2X3VV KI*I3	
Frequency Response	60 - 16kHz, ±3dB	
Signal to Noise Ratio	>65dB	
Aux Input	0.5 V RMS 20kohm	
Disc		
Laser Type	Semiconductor	
Disc Diameter	12cm/8cm	
Support Disc	CD-DA, CD-R, CD-RW, MP3-CD, WMA-CD	
Audio DAC	24Bits / 44.1kHz	
Total Harmonic Distortion	<1%	
Frequency Response	60Hz -16kHz (44.1kHz)	

2VE\N/ DMC

>65dBA

Tuner	
Tuning Range	FM: 87.5 - 108MHz; MW: 531 - 1602kHz
Tuning grid	50KHz
FM	
Sensitivity - Mono, 26dB S/N Ratio - Stereo, 46dB S/N Ratio	<22 dBf <43 dBf
Search Selectivity	>28dBf
Total Harmonic Distortion	<3%
Signal to Noise Ratio	>55dB
Tape deck	
Frequency response - Normal tape (type I)	125 - 8000 Hz (8 dB)
Signal-to-noise ratio - Normal tape (type I)	40 dBA
Wow and flutter	<0.4% JIS
Speakers	
Speaker Impedance	4ohm
Speaker Driver	3.5"woofer+0.8" tweeter
Sensitivity	>82dB/m/W

Operation Power Consumption	20W			
Standby Power Consumption	<2W			
Dimensions - Main Unit (W x H x D) - Speaker Box (W x H x D)	147 ×231 × 209 mm 134 × 233 × 153 mm			
Weight - With Packing - Main Unit - Speaker Box	5.1 kg 1.95 kg 2 × 1.2 kg			
Supported MP3 disc for	mats			
ISO9660, Joliet Maximum title number: 512 (depending on file name length)				

Supported sampling frequencies: 32 kHz, 44.1kHz, 48 kHz Supported Bit-rates: 32~256 (kbps), variable bit rates

220 - 230V, 50Hz

Maintenance Clean the cabinet

General information-Specs

AC power

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

ammonia or abrasives. Clean 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.

Maximum album number: 255



Clean the disc lens

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

Clean the heads and the tape paths

- To ensure good recording and play quality, clean the heads A, the capstan(s) B, and pressure roller(s) C after every 50 hours of tape operation.
- Use a cotton swab slightly moistened with cleaning fluid or alcohol.
- alcohol.

 You can also clean the heads by playing a cleaning tape once.



Demagnetise the heads

Use a demagnetising tape available at your dealer.

12 Troubleshooting



Caution

Never remove the casing of this Micro Hi-Fi.

To keep the warranty valid, never try to repair the system yourself. If you encounter problems when using this Micro Hi-Fi, check the following points before requesting service. If the problem remains unsolved, go to the Philips web site (www.philips.com/support). When you contact Philips, ensure that your Micro Hi-Fi is nearby and the model number and serial number are available.

No power

- Ensure that the AC power plug of the Micro Hi-Fi is connected properly.
- Ensure that there is power at the AC outlet.
- To save power, the Micro Hi-Fi switches to standby automatically 15 minutes after disc/tape play reaches the end and no control is operated.

No sound or poor sound

- Adjust the volume.
- Disconnect the headphones.
 Check that the speakers are connected correctly.
- Check if the stripped speaker wires are clamped.

Left and right sound outputs reversed

Check the speaker connections and location.

No response from the Micro Hi-Fi

 Disconnect and reconnect the AC power plug, then turn on the Micro Hi-Fi again.

Remote control does not work

- Before pressing any function button, first select the correct source with the remote control instead of the main unit.
- Reduce the distance between the remote control and the Mirro Hi-Fi.
- Insert the batteries with its polarities (+/– signs) aligned as indicated
- Replace the batteries.
- Aim the remote control directly at the sensor on the front of the Micro Hi-Fi.

No disc detected

- 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.
- Use a finalized CD or correct format disc.

Poor radio reception Increase the distance between the Micro Hi-Fi and your TV or VCR.

Fully extend the FM antenna.

Timer does not work

Set the clock correctly.

Switch on the timer.

Clock/timer setting erased

Power has been interrupted or the power cord has been disconnected.
 Reset the clock/timer



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