

EN User manual

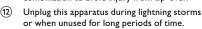
PHILIPS

English

Important

Safety

- 1 Read these instructions
- Keep these instructions.
- Heed all warnings.
- Follow all instructions
- Do not use this apparatus near water.
- Clean only with dry cloth.
- 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.



- Refer all servicing to qualified service personnel. Servicing is 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. Battery usage CAUTION - To prevent battery leakage which may result in bodily injury, property damage, or damage to
 - the unit 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).

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- 16) (17) 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.
 - 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/FC



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.

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 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 and USB devices directly and other external devices, or 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 (DBB). The Micro Hi-Fi supports the following media formats:







What's in the box

Check and identify the contents of your package:

Main unit

Main unitLoudspeaker boxes x 2

Remote control
MP3 link cable

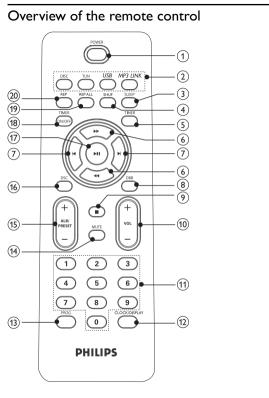
Overview of the main unit (15) PULL TO OPEN (14) (13) 12 11) 6 7 10 (8) **PHILIPS**

1 Display panel Show current status (2) SOURCE Select a source: Disc. TUNER, USB or MP3 LINK. (3) PROG Program tracks. Program radio stations. Select 12 hour or 24 hour format CLOCK (4) Set the clock View the clock During play, select display information. (5) Stop play or erase a program. (6) PRESET/ALBUM+/-Select a preset radio station. Skip to the previous/next album. (7)Skip to the previous/next track. Search within a track/ disc/USB Tune to a radio station Adjust time. (8) MP3 LINK lack for an external audio device. **VOLUME**▲▼ (9) Adjust volume. (10) • Jack for a USB mass storage device. (11)**▶III** Start or pause play. (12)DBB Turns on or off dynamic bass enhancement.

- DSC Select a preset sound setting: POP, JAZZ, CLASSIC or
- ROCK.
- 14) STANDBY-ON Turn on the unit or switch to standby mode.

(15) PULL TO OPEN

Open or close the disc tray.



- 1 **POWFR** Turn on the unit or switch to standby mode. 2 Source selection keys (DISC, TUN, USB, MP3 LINK) Select a source: CD, TUNFR, USB or MP3 LINK. (3) SI FFP
- Set the sleep timer. (4) SHUF
- Play tracks randomly. (5) TIMER
- Set the alarm timer (6) 44/>>
 - Search within a track/ disc/USB
 - Tune to a radio station. Adjust time.
- 7) **|||||**|

DBB

- Skip to the previous/next track.
- (8) Turns on or off dynamic bass enhancement.
- (9) Stop play or erase a program.
- (10) VOI +/-Adjust volume.
- (11)Numeric keypad
 - Select a track from a disc directly.
- CLOCK/DISPLAY (12)Set the clock
 - View the clock.
 - During play, select display information.

- PROG

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

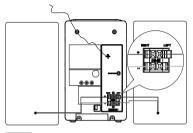
 MUTE

 Mute volume.

 ALB/PRESET+/-
 - Skip to the previous/next album.Select a preset radio station.
- Select a preset sound setting: POP, JAZZ, CLASSIC or ROCK.
- Start or pause play.
- TIMER ON/OFF
 Turn on or off alarm timer.
- 19 REP ALL
- Play all tracks repeatedly.
 REP
 - Play a track repeatedly.

3 Connect

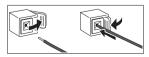
Connect speakers





- Insert the stripped portion of each speaker wire into the socket completely.
- · 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.

To insert each speaker wire: Hold down the socket flap. Insert the speaker wire fully. Release the socket flap.

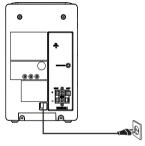


- For the right speaker, find the sockets on the main unit marked 'RIGHT'
- 2 3 4 Insert the black wire into the black (-) socket.

Insert the red wire to the red (+) socket.

- For the left speaker, find the sockets on the main unit marked 'LEFT'
- 5 Repeat steps 2-3.

Connect power



Caution

- 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.
- 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.

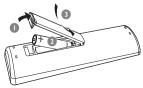
Prepare the remote control



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

To replace the remote control battery:

- 1 Open the battery compartment.
 - Insert 2 AAA batteries with correct polarity (+/-) as indicated.
- 3 Close the battery compartment.



- Before pressing any function button on the remote control, first select
 the correct source with the remote control instead of the main unit.
- If you are not going to use the remote control for a long time, remove the hatteries

Auto install radio stations

When you connect the Micro Hi-Fi to the power supply for the first time, or no radio station is stored in this Micro Hi-Fi, Plug and Play is activated to store all available radio stations automatically.

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

Set clock

- 1 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 ◀◀▶▶ to set the hour.

- Press CLOCK/DISPLAY to confirm.
- → The minute digits are displayed and begin to blink.
- Press ◀◀▶▶ to set the minute.
- 7 Press CLOCK/DISPLAY to confirm.



5

 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

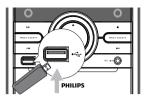
- Press **POWER** to switch the Micro Hi-Fi to standby mode.
 - → The backlight on the display panel is reduced.
 - → The clock (if set) appears on the display panel.

5 Play disc/USB

Play disc

- 1 Press DISC to select the disc source.
- 2 Lift the lid of the CD compartment.
- Insert a disc with the printed side facing up, then close the disc tray.
- 4 Press ►II to start play.

Play from USB





- Ensure that the USB device contains playable audio contents for supported formats.
- Insert the USB plug of a USB device into the socket.
- Press USB to select the USB source The total number of tracks is displayed.
 - Press AI B/PRESET+/- to select a folder
 - Press // Ito select a file
- 3 4 5 Press ► II to start play.

6 Play options

Skip to a track

For CD:

- Press I ✓ I to select another track.
 - To select a track directly, you can also press a key on the numerical keypad.

- For MP3 disc and USB:

 1 Press ALB/PRESET+/- to select an album or folder.
- 2 Press **|**◀/**|** to select select a track or file.

Pause/resume play

1 During play, press ►III to pause/resume play.

Search within a track

During play, press and hold ◀◀/▶▶ .
 Release to resume normal play.

Display play information

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

Repeat play

Play a track repeatedly

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

Play all tracks or an album repeatedly

- 1 During play, press REP ALL repeatedly to select:
 - [REP ALL] (repeat all) is displayed: all tracks are played repeatedly.
 - → [REP ALB] (repeat album) is displayed (for MP3 and USB only): the current album is played repeatedly.

2 To return to normal play, press REP ALL repeatedly until repeat mode is no longer displayed.

Random play

Press SHUE

→ 「SHUF」 (shuffle) is displayed; all tracks are played randomly. To return to normal play, press SHUF again.



2

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

Program tracks

You can program a maximum of 40 tracks.

At CD/USB mode, in the stop position, press PROG to activate the program mode.

→ [PROG] (program) blinks on the display.

For MP3/WMA tracks, press ALB/PRESET+/- to select an album. Press I√ I to select a track number, then press PROG to

confirm

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

Press II to play the programmed tracks.

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

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

Adjust volume level and sound effect

Adjust volume level

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

Select a preset sound effect

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

Enhance bass

During play, press **DBB** to turn or or off dynamic bass enhancement.

→ If DBB is activated, DBB is displayed.

Mute sound

During play, press MUTE to mute/unmute sound.

8 Receive radio

Tune to a radio station

1 Press TUN repeatedly to select FM or MW.

Press and hold ◀◀/▶▶ for more than 2 seconds. □ [SEARCH] (search) is displayed.

The radio tunes to a station with strong reception automatically.

- Repeat step 2 to tune to more stations.
- To tune to a weak station, press ◀◀/➤ repeatedly until you find optimal reception.

Program radio stations automatically



Note

- You can program a maximum of 40 preset radio stations.
- 1 In the tuner mode, press and hold **PROG** for 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.
- 2 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 Press ALB/PRESET+/- to select a preset number.



- EM antenna is fixed to the main unit
- 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 Other features

Set the alarm timer

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

- 1 Ensure that you have set the clock correctly.
 - Press and hold TIMER.
 - Press DISC . TUN or USB to select a source.
 - Press TIMER to confirm.
 - → The hour digits are displayed and begin to blink.

- 5 Press ◀◀/▶▶ to set the hour.
 - 6 Press TIMER to confirm.
 - → The minute digits are displayed and begin to blink.
 - Press **44**/ **>>** to set the minute
 - Press TIMER to confirm.
 - → The timer is set and activated.

Activate and deactivate alarm timer

- 1 Press TIMER ON/OFF repeatedly to activate or deactivate timer.
 - → If timer is activated, the display shows ⇒.
 - ightharpoonup If timer is deactivated, $hinspace \mathfrak{D}$ disappears on the display.



- Alarm timer is not available in MP3 LINK mode.
- If DISC/USB 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

- 1 Press SLEEP repeatedly until "0" is displayed.
 - When sleep timer is deactivated, zz² 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 AUX 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.

10 Product information



Product information is subject to change without prior notice.

Specifications

Amplifier

Rated Output Power 2X5W RMS

Frequency Response 60 - 16kHz, +3dB Signal to Noise Ratio >65dB

0.5 V RMS 20kohm Aux Input

Disc

Laser Type Semiconductor

Disc Diameter 12cm/8cm

CD-DA, CD-R, CD-RW. Support Disc MP3-CD, WMA-CD

Audio DAC	24Bits / 44.1kHz
Total Harmonic Distortion	<1%
Frequency Response	60Hz -16kHz (44.1kHz)
S/N Ratio	>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
Speakers	
Speaker Impedance	4ohm
Speaker Driver	3.5"woofer+0.8" tweeter
Sensitivity	>82dB/m/W

- Speaker Box	2 × 1.2 kg	
USB playability information		
Compatible USB devices: USB flash memory (USI	3 2.0 or USB1.1)	

memory cards (requires an additional card reader to work

USB or memory file format FAT12, FAT16, FAT32 (sector size:

MP3 bit rate (data rate): 32-320 Kbps and variable bit rate

File name in Unicode UTF8 (maximum length: 128 bytes)

Directory nesting up to a maximum of 8 levels Number of albums/ folders: maximum 99 Number of tracks/titles: maximum 999

USB flash players (USB 2.0 or USB1.1)

220 - 230V. 50Hz

Version 2 0/11

147 ×231 × 209 mm 134 × 233 × 153 mm

20\\/

< 2\\//

4.75 kg

195 kg

General information

Operation Power Consumption

Standby Power Consumption

- Main Unit (W x H x D)

- Speaker Box (W x H x D)

with this Micro Hi-Fi)

WMA v9 or earlier

ID3 tag v2.0 or later

Supported formats:

512 bytes)

AC power

USB Direct

Dimensions

- Main Unit

Weight
- With Packing

Unsupported formats:

- Émpty albums: an empty album is an album that does not contain MP3/WMA files, and is not be shown in the display.
 Linguage and linguage are skipped. For example, Word.
- Unsupported file formats are skipped. For example, Word documents (.doc) or MP3 files with extension .dlf are ignored and not played.
- AAC, WAV, PCM audio files
- DRM protected WMA files (.wav, .m4a, .m4p, .mp4, .aac)
 - WMA files in Lossless format

Supported MP3 disc formats

- ISO9660, Joliet
- Maximum title number: 512 (depending on file name length)
- Maximum album number: 255
- Supported sampling frequencies: 32 kHz, 44.1kHz, 48 kHz
- Supported Bit-rates: 32~256 (kbps), variable bit rates

11 Troubleshooting



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.
- As a power-saving feature, the Micro Hi-Fi switches to standby automatically 15 minutes after disc/USB 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.

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 system 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 Micro 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.

Cannot display some files in USB device
The number of folders or files in the USB device has exceeded a certain limit. This phenomenon is not a malfunction.
The formats of these files are not supported.

USB device not supported
 The USB device is incompatible with the Micro Hi-Fi. Try another one

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

or VCR.

Fully extend the FM antenna.

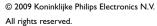
Timer does not work
Set the clock correctly.

Set the clock correctly.
 Switch on the timer.

Power has been interrupted or the power cord has been disconnected.

Reset the clock/timer.





MCM166_12_UM_V2.0_933

