Register your product and get support at

www.philips.com/welcome

PHILIPS

Contents

1 Important

Safety

Know these safety symbols

CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT
REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS
INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

This 'bolt of lightning' indicates uninsulated material within your unit may cause an electrical shock. For the safety of everyone in your household, please do not remove product covering.
The 'exclamation point' calls attention to features for which you should read the enclosed literature closely to prevent operating and maintenance problems.
WARNING: To reduce the risk of fire or electric shock, this apparatus should not be exposed to rain or moisture and objects filled with liquids, such as vases, should not be placed on this apparatus.
CAUTION: To prevent electric shock, match wide blade of plug to wide slot, fully insert.

(1) Read these instructions.

(2) Keep these instructions.

(3) Heed all warnings.

(4) Follow all instructions.

(5) Do not use this apparatus near water.

(6) Clean only with dry cloth.

(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.

(13) 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.

(14) 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.

(15) Apparatus shall not be exposed to dripping or splashing.

(16) Do not place any sources of danger on the apparatus (e.g. liquid filled objects, lighted candles).

(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.

(18) Where the MAINS plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.

Safety-Important notes for users in the U.K.

Mains plug

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

(1) Remove fuse cover and fuse.

(2) Fix new fuse which should be a BS1362 5 Amp, A.S.T.A. or BSI approved type.

(3) Refit the fuse cover.

If the fitted plug is not suitable for your socket outlets, it should be cut off and an appropriate plug fitted in its place.
If the mains plug contains a fuse, this should have a value of 5 Amp. If a plug without a fuse is used, the fuse at the distribution board should not be greater than 5 Amp.
Note: The severed plug must be disposed off 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.

- Where the MAINS plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.

⚠ Warning

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

Notice

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

$C \in$

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.

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 apparatus includes this label:

**CLASS 1
LASER PRODUCT**

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 Mini Hi-Fi System

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 unit, you can enjoy audio from discs, USB devices, external devices, or radio stations. For your convenience, you can load up to 3 discs at once.

To enrich sound, this unit offers you these sound effects:

- MAX sound for instant power boost
- Digital Sound Control (DSC)
- Dynamic Bass Boost (DBB)
- Incredible surround (IS)
- Virtual Ambience-based Control (VAC)

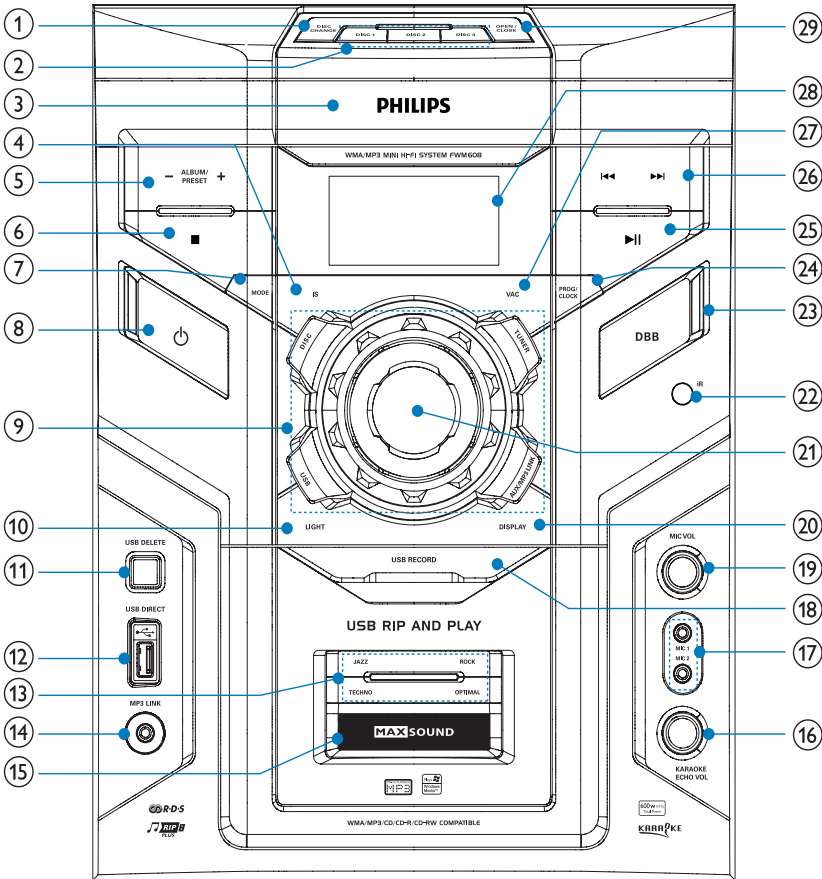The unit supports the following media formats:

What's in the box

Check and identify the contents of your package:

- Main unit × 1
- AC power cable × 1
- Loudspeaker box × 2
- Subwoofer × 1
- Remote control with 2 AAA batteries
- FM wire antenna × 1
- MW (AM) loop antenna × 1
- MP3 link cable × 1

Overview of the main unit

a **DISC CHANGE**
  - Change a disc.

b **DISC 1/2/3**
  - Select a disc.

c **Disc compartment door**

d **IS**
  - Turn on or off incredible surround.

e **ALBUM/PRESET+/-**
  - Skip to the previous/next album.
  - Select a preset radio station.

  - Adjust time.
  - Select 12 hour or 24 hour format.

f ■
  - Stop play or erase a program.

g **MODE**
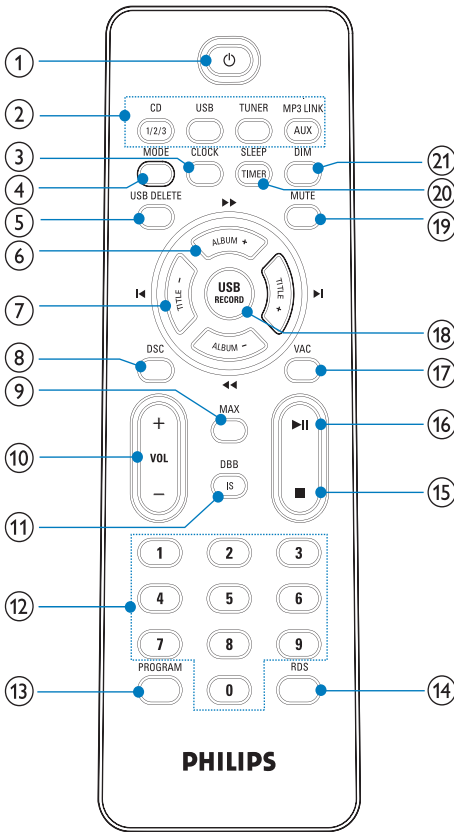 - Select repeat play or random play.

h ⏻
  - Turn on the unit or switch to the standby mode.

(9) **Source selection keys**
- Select a source.

(10) **LIGHT**
- Select a lighting effect for the main unit buttons.

(11) **USB DELETE**
- Delete audio files stored on a USB device.

(12) **USB DIRECT** ⋅⟵
- Jack for a USB mass storage device.

(13) **Keys for digital sound control (DSC)**
- Select a preset sound equalizer setting.

(14) **MP3 LINK**
- Audio input jack (3.5mm) for an external audio device.

(15) **MAX SOUND**
- Turn on or off instant power boost for sound.

(16) **KARAOKE ECHO VOL**
- Adjust echo level.

(17) **MIC 1/2**
- Jack for a microphone.

(18) **USB RECORD**
- Record from a disc or radio to a USB device.

(19) **MIC VOL**
- Adjust microphone volume.

(20) **DISPLAY**
- Select display information.

(21) **Volume control knob**
- Adjust volume.

(22) **iR**
- Remote sensor.

(23) **DBB**
- Turn on or off dynamic bass enhancement.

(24) **PROG/CLOCK**
- Program tracks.
- Program radio stations.
- Set the clock.

(25) **▶ II**
- Start or pause play.

(26) **|◀◀/▶▶|**
- Skip to the previous/next track.
- Search within a track/ disc/USB.
- Tune to a radio station.
- Adjust time.

(27) **VAC**
- Select an ambience-based equalizer setting.

(28) **Display panel**
- Show current status.

(29) **OPEN/CLOSE**
- Open or close the disc compartment.

Overview of the remote control

(1) ⏻
- Turn on the unit or switch to the standby mode.

(2) **Source selection keys**
- Select a source.

(3) **CLOCK**
- Set the clock.

(4) **MODE**
- Select repeat play or random play.

(e) **USB DELETE**
- Delete audio files stored on a USB device.

(f) **ALBUM +/- ◄◄/►►**
- Skip to the previous/next album.
- Search within a track/ disc/USB.
- Tune to a radio station.
- Adjust time.

(g) **TITLE+/- ◄◄/►◄**
- Skip to the previous/next track.
- Select a preset radio station.
- Adjust time.

(h) **DSC**
- Select a preset sound equalizer setting.

(i) **MAX**
- Turn on or off instant power boost for sound.

(j) **VOL +/-**
- Adjust volume.

(k) **DBB/IS**
- Turn on or off dynamic bass enhancement.
- Turn on or off incredible surround.

(l) **Numeric keypad**
- Select a track from a disc directly.

(m) **PROGRAM**
- Program tracks.
- Program radio stations.

(n) **RDS**
- Select RDS broadcast information.

(o) ■
- Stop play or erase a program.

(p) ►II
- Start or pause play.

(q) **VAC**
- Select an ambience-based equalizer setting.

r USB RECORD
- Record to a USB device.

s MUTE
- Mute volume.

t SLEEP/TIMER
- Set the sleep timer.
- Set the alarm timer.

u DIM
- Select different levels of display brightness.

3 Connect
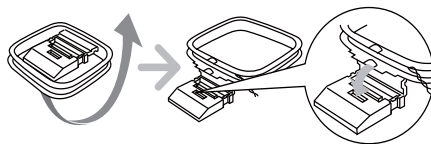
Connect FM antenna

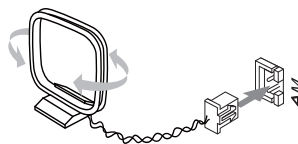1   Connect the supplied FM antenna to the **FM** jack on the back of the main unit.
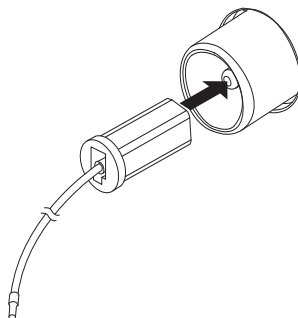
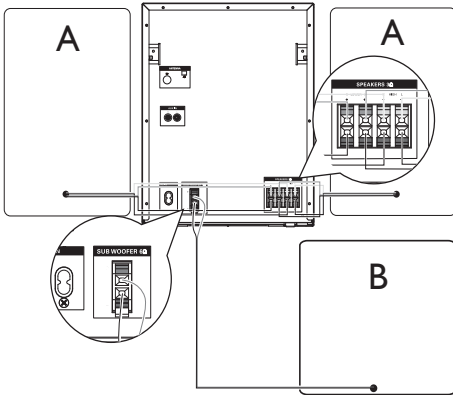## Connect MW (AM) antenna

1   Assemble the MW (AM) loop antenna.

2   Connect the MW (AM) loop antenna to the **AM** (MW) jack on the back of the main unit.
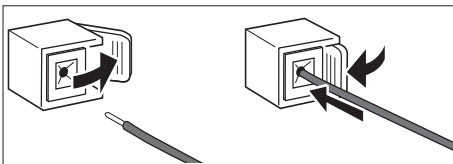
Connect speakers

> **Note**
>
> • 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.


A: left/right speaker; B: Subwoofer

1 For the right speaker, find the sockets on the main unit marked "R".

2 Insert the blue-black wires into a pair of blue-black (+/-) sockets, the blue wire into the blue (+) socket, the black wire into the black (-) socket.

3 Insert each speaker wire:

(a) **Hold down the socket flap.**

(b) **Insert the stripped part of the wire completely.**

(c) **Release the socket flap.**

4 Insert the white-black wires into a pair of white-black (+/-) sockets, the white wire into the white (+) socket, the black wire into the black (-) socket.

5 For the left speaker, find the sockets on the main unit marked "L".

6 Repeat steps 2-4 to connect the left speaker.

7 For the subwoofer, find the sockets on the main unit marked "SUBWOOFER", the red wire into the red (+) socket, the black wire into the black (-) socket.

8 Repeat step 3 to connect the subwoofer.

Connect power
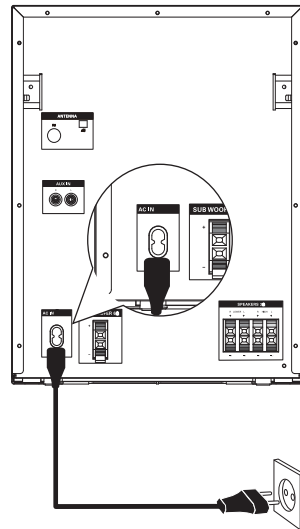
> **!** **Caution**
>
> • Risk of product damage! Ensure that the power supply voltage corresponds to the voltage set on the voltage selector on the back of the unit.
> • Before connecting the AC power cord, ensure you have completed all other connections.

• The type plate is located on the back of the main unit.

1 Connect the AC power cable to:
   • the main unit.
   • the wall socket.

4 Get started

! **Caution**

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

Always follow the instructions in this chapter in sequence.
If you contact Philips, you will be asked for the model and serial number of this apparatus. The model number and serial number are on the back of the apparatus. Write the numbers here:
Model No. _____
Serial No. _____

Install remote control batteries

! **Caution**

• Risk of explosion! Keep batteries away from heat, sunshine or fire. Never discard batteries in fire.
• Risk of decreased battery life! Never mix different brands or types of batteries.
• Risk of product damage! When the remote control is not used for long periods, remove the batteries.

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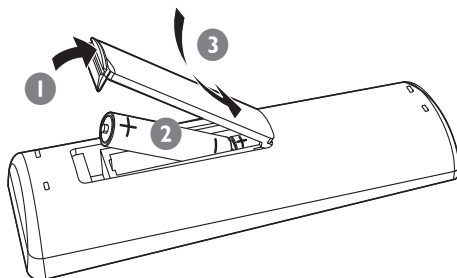
Auto install radio stations

When you connect power and no radio stations are stored, the unit automatically begins to store radio stations.

1 Connect the unit to the power supply.
   » [AUTO INSTALL - PRESS PLAY] (auto install - press the PLAY button) is displayed.

2 Press ►❚❚ on the main unit to start installation.
   » [AUTO] (auto) is displayed.
   » The unit 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

1 In the standby mode, press **CLOCK** to activate the clock setting mode.
   » The 12 hour or 24 hour format is displayed.

2 Press **ALBUM +/-** ◄◄/►► repeatedly to select 12 hour or 24 hour format.

3 Press **CLOCK** to confirm.
   » The clock digits are displayed and begin to blink.

4 Press **ALBUM +/-** ◄◄/►► to set the hour.

5 Press **TITLE+/-** ❙◄/ ►❙ to set the minute.

6 Press **CLOCK** to confirm.

> ✳ Tip
>
> • To view the clock during play, press **CLOCK**.

Turn on

1 Press ⏻.
   » The unit switches to the last selected source.

Switch to standby

1 Press ⏻ to switch the unit to standby mode.
   » The backlight on the display panel is reduced.
   » The clock (if set) appears on the display panel.

> ✳ Tip
>
> • If the system remains in the standby mode for more than 15 minutes, it switches to the Eco Power mode automatically.

5 Play

Play disc

1 Press **CD 1/2/3** to select the disc source.

2 Press **OPEN/CLOSE** on the main unit to open the disc compartment.

3 Load up to two discs on the disc trays, with the printed side facing up
   - To load the third disc, press **DISC CHANGE** on the main unit to rotate to the disc tray.
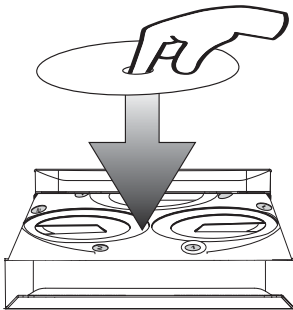
4 Press **OPEN/CLOSE** on the main unit to close the disc compartment.

5 Press ▶❚❚ to start play.
   - To select a disc, press **CD 1/2/3**.
   - To pause/resume play, press ▶❚❚.
   - To stop play, press ■.
   - To select another track, press **TITLE+/-** ❚◀/▶❚ or press a numeric button.
   - To select a folder, press **ALBUM +/-** ◀◀/▶▶.
   - To search within a track, press and hold **ALBUM +/-** ◀◀/▶▶, then release to resume normal play.

Play from USB
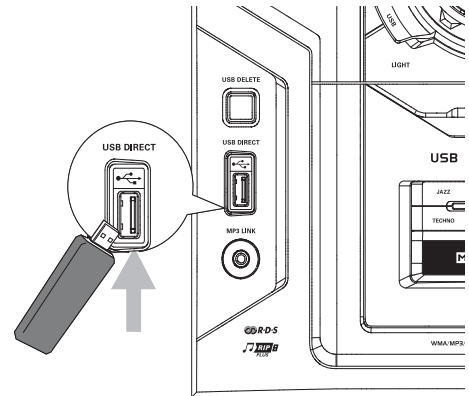
Note

- Ensure that the USB device contains playable audio contents for supported formats. (See "Product information - USB playability information".)

1 Insert the USB plug of the device into the ⟜ socket.

2 Press **USB** to select the USB source.

3 Press **ALBUM +/-** ◀◀/▶▶ to select a folder.

4 Press **TITLE+/-** ❚◀/▶❚ to select an audio file.

5 Press ▶❚❚ to start play.
   - To pause/resume play, press ▶❚❚.
   - To stop play, press ■.
   - To search within an audio file, press and hold **ALBUM +/-** ◀◀/▶▶, then release to resume normal play.

6 Play options

Repeat and random play

1 Press **MODE** repeatedly to select:
   - ⟳: the current track is played repeatedly.
   - ⟳ALL: all tracks are played repeatedly.
   - ⤨⟳ALL: all tracks are played randomly and repeatedly.
   - ⤨: all tracks are played randomly.
2 To return to normal play, press **MODE** repeatedly until no play mode is displayed.

✳ Tip

- When you play programmed tracks, the shuffle play mode cannot be selected.

Program tracks

You can program a maximum of 40 tracks.
1 At CD/USB mode, in the stop position, press **PROGRAM** to activate the program mode.
   ↳ [PROG] (program) blinks on the display.
2 For MP3/WMA tracks, press **ALBUM +/-** ◀◀/▶▶ to select an album.
3 Press **TITLE+/-** ◀/▶ to select a track number, then press **PROGRAM** to confirm.
4 Repeat steps 2 to 3 to select and store all tracks to program.
5 Press ▶❚❚ to play the programmed tracks.
   ↳ During play, [PROG] (program) is displayed.
   - To erase the program, in the stop position, press ■.

Display play information

1 During play, press **DISPLAY** on the main unit repeatedly to select different play information.

7 Adjust volume level and sound effect

Note

- MAX sound and DSC (Digital Sound Control) cannot be activated at the same time.

Adjust volume level

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

Mute sound

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

Boost loudness

MAX gives an instant boost to the sound power .

1 Press **MAX** to turn on or off the instant power boost.
   » If MAX sound is activated, **MAX** is displayed.

Select a preset sound effect

The DSC (Digital Sound Control) enables you to enjoy special sound effects.

1 During play, press **DSC** repeatedly to select:
   - [JAZZ] (jazz)
   - [ROCK] (rock)

- [TECHNO] (techno)
- [OPTIMAL] (optimal)

Enhance bass

The best DBB (Dynamic Bass Enhancement) setting is generated automatically for each DSC selection. You can manually select the DBB setting that best suits your listening environment.

1 During play, press **DBB/IS** repeatedly to select:
   - DBB 1
   - DBB 2
   - DBB 3
   - DBB off
   » If DBB is activated, **DBB** is displayed.

Virtual surround

You can enhance audio with a virtual surround sound effect.

1 Press and hold **DBB/IS** to turn on or off the incredible surround.
   - On the main unit, press **IS**.
   » If the incredible surround is activated, [INC SURR] (incredible surround) is displayed.

Customize sound for room acoustics

1 During play, press **VAC** repeatedly to select a type of listening environment:
   - [HALL] (hall)
   - [CONCERT] (concert)
   - [CINEMA] (cinema)

8 Listen to radio

Tune to a radio station

1 Press **TUNER** repeatedly to select FM or MW (AM).

2 Press and hold **ALBUM +/- ◀◀/▶▶** 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.
   • To tune to a weak station, press **ALBUM +/- ◀◀/▶▶** repeatedly until you find optimal reception.

Program radio stations automatically

You can program a maximum of 40 preset radio stations.

1 In the tuner mode, press and hold **PROGRAM** 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.

2 Press **PROGRAM** to activate program mode.
   » [PROG] (program) blinks on the display.

3 Press **TITLE+/- ◀/▶** to allocate a number to this radio station, then press **PROGRAM** to confirm.
   » The preset number and the frequency of the preset station are displayed.

4 Repeat the above steps to program other stations.

✳ Tip

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

Select a preset radio station

1 In tuner mode, press **TITLE+/- ◀/▶** to select a preset number.

✳ Tip

• 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.

FM stations with RDS

Radio Data System (RDS) is a service that sends additional broadcast information along with FM stations.
If you listen to a FM station with RDS signal, "RDS" is displayed.

Display RDS information

1 For a FM station with RDS, press **RDS** repeatedly to display various broadcast information.

9 USB record

Audio CD tracks, MP3 files, radio and audio from external devices are recorded in .mp3 format, and WMA files are recorded in .wma format.

The first time you record to USB, a folder called 'PHILIPS' is automatically created in the USB device. Each time you record to USB, the recorded files are stored in a sub-folder in the 'PHILIPS' folder. Files and sub-folders are named numerically in the order in which they are created.

Record to USB

1 Plug the USB device into the ⟵ socket of this unit.

2 Prepare the source to record from.
   • Disc - load a disc. You can select a track from which a recording starts. (See "Play - Play disc".)
   • Radio - tune to a radio station. (See "Listen to radio - Tune to a radio station".)
   • MP3 LINK/AUX - connect and start to play an external device. (See "Other features - Listen to an external device".)

3 Press **USB RECORD** to start recording.
   • For discs, press **USB RECORD** repeatedly to select:
   (A) [REC ONE] (record one): the first/current track is recorded.
   (B) [REC ALL] (record all): all tracks/the remaining tracks are recorded.
   ↳ Disc play and recording start automatically from the beginning of the disc/the selected track.

   • To stop recording, press ■.

Schedule radio-to-USB record

Schedule radio recordings in advance and you can listen to your favorite programs at your convenience.

Note

• The maximum length of a recording is 12 hours.

1 Ensure that you have set the clock correctly. (See "Get started - Set clock".)

2 Insert the USB plug of the device into the ⟵ socket.

3 Tune to a radio station. (See "Listen to radio - Tune to a radio station".)

4 Press ⏻ to switch to standby mode.

5 Press and hold **SLEEP/TIMER** for more than 2 seconds.
   ↳ A prompt to select the source is displayed.

6 Press **TUNER** to select the tuner source.

7 Press **USB RECORD**.
   ↳ The start timer digits are displayed and begin to blink.

8 Press **ALBUM +/-** ◄◄/►► to set the hour.

9 Press **TITLE+/-** I◄/►I to set the minute.

10 Press **SLEEP/TIMER** to confirm.
   ↳ The end timer digits are displayed and begin to blink.

11 Press **ALBUM +/-** ◄◄/►► to set the hour.

12 Press **TITLE+/-** I◄/►I to set the minute.

13 Press **SLEEP/TIMER** to confirm.
- » is displayed.
- » At the scheduled times, the recording begins and ends automatically.
- » When the recording ends, the unit switches to standby mode.

> ✱ Tip
>
> • A recording is activated only in the standby mode.

To deactivate or re-activate a record timer

1 In the standby mode, press **SLEEP/TIMER** repeatedly.
- » If the timer is activated, is displayed.
- » If the timer is deactivated, disappears.

10 Other features

Set the alarm timer

This unit can be used as an alarm clock. The disc, radio or USB is activated to play at a preset time.

> ▤ Note
>
> • If you have set a record timer and an alarm timer, only the latest timer is activated.

1 Ensure that you have set the clock correctly. (See "Get started - Set clock".)

2 Press ⏻ to switch to standby mode.

3 Press and hold **SLEEP/TIMER** for more than 2 seconds.
- » A prompt to select the source is displayed.

4 Press **CD 1/2/3**, or **TUNER** or **USB** to select a source.

5 Press **SLEEP/TIMER** to confirm.
- » The clock digits are displayed and begin to blink.

6 Press **ALBUM +/- ◄◄/►►** to set the hour.

7 Press **TITLE+/- ◄◄/►►** to set the minute.

8 Press **SLEEP/TIMER** to confirm.
- » The timer is set and activated.

To deactivate or re-activate a alarm timer

1 In the standby mode, press **SLEEP/TIMER** repeatedly.
- » If the timer is activated, is displayed.
- » If the timer is deactivated, disappears.

> ✱ Tip
>
> • In MP3 link or AUX mode, the alarm timer cannot be set.
> • If the disc or USB source is selected but no audio file can be played, the radio is activated automatically.

Set the sleep timer

This unit can switch to standby automatically after a set period of time.

1 When the unit is turned on, press **SLEEP/TIMER** repeatedly to select a set period of time (in minutes).
   » When the sleep timer is activated, z^z is displayed.

To deactivate sleep timer

1 Press **SLEEP/TIMER** repeatedly until [OFF] (off) is displayed.
   » When the sleep timer is deactivated, z^z disappears on the display.

Listen to an external device

You can listen to an external audio device through this unit.

For audio players with headphone sockets

1 Press **MP3 LINK/AUX** repeatedly to select the MP3 link source.
2 Connect the supplied MP3 link cable to:
   • the **MP3 LINK** jack (3.5mm) on the unit.
   • the headphone jack on an external device.
3 Start to play the device (see the device user manual).

For audio players with red/white audio output sockets

1 Press **MP3 LINK/AUX** repeatedly to select the AUX source.
2 Connect the audio cables (white/red jacks, not supplied) to:
   • the **AUX IN** jacks on the back of the unit.
   • the AUDIO OUT jacks on an external device.
3 Start to play the device (see the device user manual).

Delete files in the USB device

1 During USB play, press **TITLE+/-** |◄/►| to select an audio file.
   • To delete an audio folder, in the stop position, press **ALBUM +/-** ◄◄/►► to select an audio folder.
2 Press **USB DELETE**.
   » A confirmation message is displayed.
3 While the message is displayed, press **USB DELETE** again to confirm.
   • To cancel, press ■.
   » After you delete a file or an audio folder , the USB play stops.

Karaoke

You can connect a microphone and sing along with a music source.

1 Turn **MIC VOL** to the minimum level.
2 Connect a microphone to the **MIC 1/2** jack of the unit.
3 Press **CD 1/2/3**, or **TUNER**, or **USB**, or **MP3 LINK/AUX** to select the source, and start play.
4 Sing through the microphone.
   • To adjust the volume of the source, press **VOL +/-**.
   • To adjust the volume of the microphone, turn **MIC VOL**.
   • To adjust the echo level, turn **KARAOKE ECHO VOL**.

Adjust display brightness

1 Press **DIM** repeatedly to select different levels of display brightness.

Select button light display

1 Press **LIGHT** repeatedly on the main unit.
   » Each time you press **LIGHT**, the main unit buttons light up in a different way.

11 Product information

> **Note**
>
> • Product information is subject to change without prior notice.

Specifications

Amplifier

Total output power	600W RMS
Frequency response	60 - 16kHz
Signal-to- noise ratio	>67dB A (IEC)
Aux input	500mV/700mV

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	<1.5%
Frequency response	60Hz -16kHz (44.1kHz)
S/N ratio	>75dBA

Tuner

Tuning range	FM: 87.5 - 108MHz; MW (AM): 531 - 1602kHz
Number of presets	40
FM	75ohm wire
MW (AM)	Loop antenna

Speakers

Speaker Impedance	3ohm
Woofer	2 x 5.25''
Tweeter	2 x 1.75''
Dimensions (W x H x D)	225 x 430 x 275mm
Weight	4.135kg each

Subwoofer

Speaker impedance	6ohm
Speaker driver	8''
Output power	180W
Dimensions (W x H x D)	274 x 430 x 340mm
Weight	6.250kg

General information

AC power	220 - 230V, 50Hz
Operation power consumption	130W
Eco Standby power consumption	<1W
USB direct	Version 2.0/1.1
Dimensions Main Unit (W x H x D)	265 x 345 x 382mm
Weight (without speakers)	8.345kg

USB playability information

Compatible USB devices:
- 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 unit)

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 999
- ID3 tag v2.0 or later
- File name in Unicode UTF8 (maximum length: 128 bytes)

Unsupported formats:
- Empty albums: an empty album is an album that does not contain MP3/WMA files, and will not be shown in the display.
- 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: 999 (depending on file name length)
- Maximum album number: 99
- Supported sampling frequencies: 32 kHz, 44.1kHz, 48 kHz
- Supported Bit-rates: 32-320 (kbps), variable bit rates
- ID3 tag v2.0 or later
- Directory nesting up to a maximum of 8 levels

Maintenance

Clean the cabinet
- 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.

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.

12 Troubleshooting

> ⚠ **Warning**
>
> • Never remove the casing of this apparatus.

To keep the warranty valid, never try to repair the system yourself.

If you encounter problems when using this apparatus, check the following points before requesting service. If the problem remains unsolved, go to the Philips web site (www.philips.com/welcome). When you contact Philips, ensure that the apparatus is nearby and the model number and serial number are available.

No power
• Ensure that the AC power plug of the unit is connected properly.
• Ensure that there is power at the AC outlet.
• To save power, the system switches off automatically 15 minutes after track play reaches the end and no control is operated.

No sound or poor sound
• Adjust the volume.
• 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 unit
• Disconnect and reconnect the AC power plug, then turn on the unit again.

Remote control does not work
• Before you press 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 unit.

• Insert the battery with its polarities (+/– signs) aligned as indicated.
• Replace the battery.
• Aim the remote control directly at the sensor on the front of the unit.

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 unit. Try another one.

Poor radio reception
• Increase the distance between the unit and your TV or VCR.
• If the signal is too weak, adjust the antenna or connect an external antenna for better reception.

Timer does not work
• Set the clock correctly.
• Switch on the timer.
• If you have set a record timer and an alarm time, only the latest timer is activated.

Clock/timer setting erased
• Power has been interrupted or the power cord has been disconnected.
• Reset the clock/timer.

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