Always there to help you

Register your product and get support at
www.philips.com/welcome

Question? Contact Philips

AZ3811

User manual

PHILIPS

Contents

1 Important 2
Safety 2

2 Your CD Soundmachine 4
Introduction 4
What's in the box 4
Overview of the main unit 5

3 Get started 7
Install batteries 7
Connect power 7

4 Play 8
Play CD 8
Play from USB devices 8
Listen to radio 8
Control play 8
Select a play mode 8
Program tracks 9

5 Other features 10
Listen to an external device 10
Listen through the headphone 10

6 Product information 11
Specifications 11

7 Troubleshooting 13

8 Notice

1 Important

Safety

This 'bolt of lightning' indicates uninsulated material within the device may cause an electrical shock. For the safety of everyone in your household, please do not remove the covering.
The 'exclamation mark' 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, the device should not be exposed to rain or moisture and objects filled with liquids, such as vases, should not be placed on the device.
CAUTION: To prevent electric shock, fully insert the plug. (For regions with polarized plugs: To prevent electric shock, match wide blade to wide slot.)

Important Safety Instructions

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

- Unplug this device during lightning storms or when unused for long periods of time.
- Refer all servicing to qualified service personnel. Servicing is required when the device 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 device, the device 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 device:
  - Do not mix batteries (old and new or carbon and alkaline, etc.).
  - Install the battery correctly, + and - as marked on the device.
  - The batteries shall not be exposed to excessive heat such as sunshine, fire or the like.
  - Remove battery when the device is not used for a long time.
- Device shall not be exposed to dripping or splashing.
- Do not place any sources of danger on the device (e.g. liquid filled objects, lighted candles).

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

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.

2 Your CD Soundmachine

Introduction

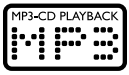
With this device, you can:

- enjoy music from audio discs, external devices;
- listen to radio stations.

You can enrich sound output with below sound effect:

- Dynamic Bass Boost (DBB)

The unit supports the following media formats:



Note

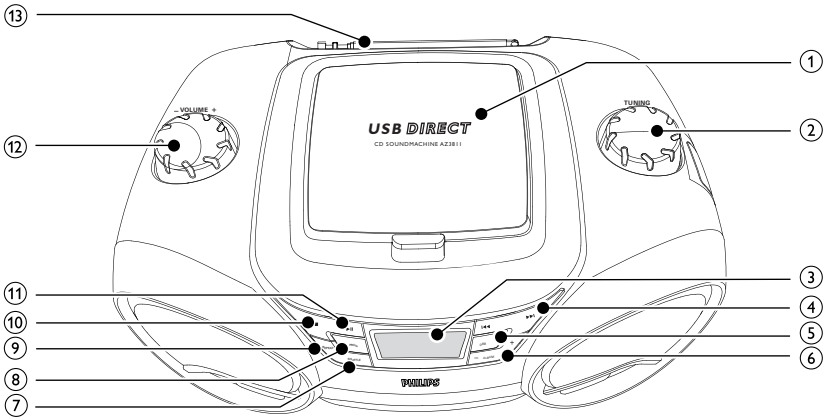
- The type plate is located on the bottom of the device.

What's in the box

Check and identify the contents of the package:

- Main unit (without a battery)
- AC power cord
- MP3 LINK cable
- User Manual
- Quick Start Guide

Overview of the main unit



① **Disc compartment**

② **TUNING**
- Tune to radio stations (FM/MW).

③ **Display panel**
- Display current status.

④ **⏮ / ⏭**
- Skip to the previous/next track.
- Search within a track.

⑤ **DBB**
- Turn dynamic bass boost on/off.

⑥ **ALBUM +/-**
- Skip to previous/next album.

⑦ **SHUFFLE**
- Select shuffle play mode.

⑧ **PROG**
- Program tracks and browse program.

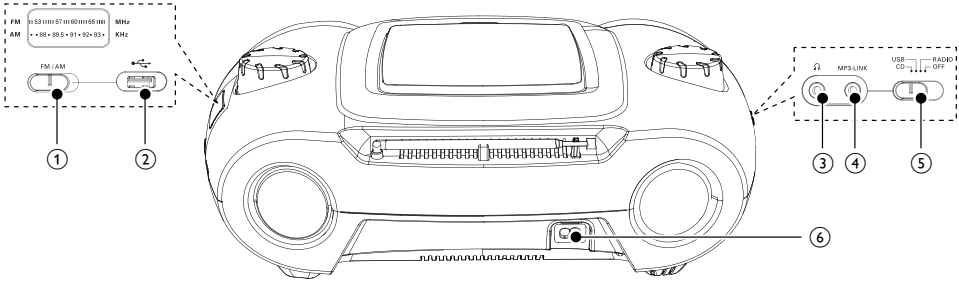
⑨ **REPEAT**
- Select repeat play mode.

⑩ **■**
- Stop play.
- Erase a program.

⑪ **▶II**
- Start or pause play.

⑫ **- VOLUME +**
- Adjust volume.

⑬ **Telescopic antenna**
- Adjust FM reception.



① **FM/MW**
- Select FM or MW wave band.

② ⇠
- USB socket.

③ 🎧
- Headphone socket.

④ **MP3 LINK**
- Jack for an external audio device.

⑤ **Source selector: CD, USB, RADIO, OFF**
- Select CD, USB, radio source.
- Switch off the unit.

⑥ **AC MAINS**
- Jack for the supplied AC power cord.

3 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.

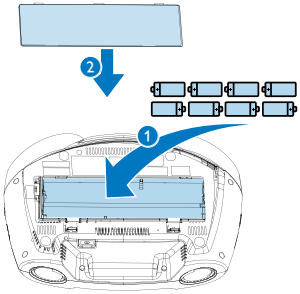
Always follow the instructions in this chapter in sequence.
If you contact Philips, you will be asked for the model and serial number of your apparatus. The model number and serial number are on the bottom of your apparatus. Write the numbers here:
Model No. _____
Serial No. _____

Install batteries

Note

- You can use both batteries and AC power as power supply of this device.

1. Open the battery compartment.
2. Insert eight batteries (not supplied) (type: R-20, UM-1 or D-cells) with correct polarity (+/-) as indicated.
3. Close the battery compartment.

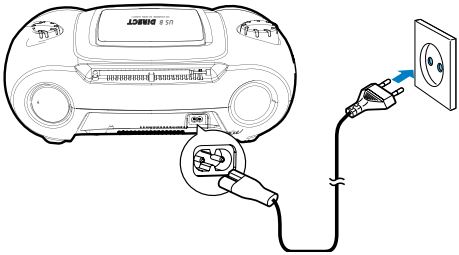


Connect power

Warning

- Risk of product damage! Ensure that the power supply voltage corresponds to the voltage printed on the back or the underside of the apparatus.
- Risk of electric shock! When you disconnect the AC power, always pull the plug from the socket. Never pull the cord.

Connect the AC power cord between the power socket on the device and the wall outlet.



Warning

- Turn off the device and disconnect the power cord from the wall outlet after use to save energy.

4 Play

Play CD

1 Push the source selector to **CD**.
2 Open the disc compartment.
3 Insert a disc with the printed side facing up.
4 Close the disc compartment.

Play from USB devices

Note

- Ensure that the USB device contains playable audio contents for supported formats.
- The USB terminal can be loaded with 500 mA.

1 Push the source selector to **USB**.
2 Insert the USB connector on the device into the ⇜ socket.
3 Press **ALBUM +/-** to select a folder and ⏮ / ⏭ to select a file.
4 Press ▶❚❚ to start play.

Listen to radio

1 Switch the source selector to **RADIO**.
2 Switch to **FM** or **MW**.
3 Rotate **TUNING** to find a station.

Tip

- To improve FM reception, you can extend, incline, or turn the telescopic antenna for best reception.
- To improve MW reception, turn the CD Soundmachine to face a different direction.

Control play

Buttons	Functions
■	Stop play.
▶❚❚	Pause or resume play.
ALBUM +/-	To select an album or a folder.
⏮ / ⏭	Press to skip to previous/next track. Press and hold to fast backward/forward.
- VOLUME +	Rotate to adjust volume.
DBB	Turn on or off the dynamic bass boost.

Note

- When search reaches the end of the last track, the CD stops.

Select a play mode

Repeat play

You can repeat a track, an MP3 album, a disc, or a program.

1 Press **REPEAT** repeatedly to show the repeat icon:
   - **[⟲]** (repeat) – repeat a track
   - **[⟲ ALB]** (repeat album) – repeat an album
   - **[⟲ ALL]** (repeat all) - repeat an entire CD/program
2 To stop repeat play, press **REPEAT** repeatedly until repeat icon is no longer displayed.

Shuffle play

You can play all tracks in random order.

1 During play, press **SHUFFLE** repeatedly until the shuffle icon is displayed.
   - **[⇄]** (shuffle) - play tracks randomly

2 To stop shuffle play, press **SHUFFLE** again.

Tip

- Shuffle play cannot be selected when you play programmed tracks.

Program tracks

You can program a maximum of 20 tracks.

1 In CD/USB mode, at the stop position, press **PROG** to activate the program mode.
   ↳ **[PROG]** (program) starts to blink.

2 For MP3/WMA tracks, press **ALBUM +/-** to select an album.

3 Press ⏮ / ⏭ to select a track number, and then press **PROG** to confirm.

4 Repeat steps 2 to 3 to program more tracks.

5 Press ▶❚❚ to play the programmed tracks.
   ↳ During play, **[PROG]** (program) is displayed.
   - To erase the program, in the stop position, press ■.

5 Other features

Listen to an external device

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

For an audio device with a headphone socket:

1. Connect the supplied MP3 LINK cable between:
   - the **MP3 LINK** socket on this unit,
   - and the headphone socket on an MP3 player.
2. Start to play the MP3 player. (See the user manual of the MP3 player.)

Listen through the headphone

Plug a headphone into the 🎧 socket on the unit.

6 Product information

Note

- Product information is subject to change without prior notice.

Specifications

Disc

Laser Type	Semiconductor
Disc Diameter	12 cm/8 cm
Support Disc	CD-DA, CD-R, CD-RW, MP3-CD, WMA-CD
Audio DAC	24 Bits / 44.1 kHz
Total Harmonic Distortion	<1%
Frequency Response	60 Hz -16 kHz
S/N Ratio	>55 dB

Tuner

Tuning Range	FM: 88-108 MHz; MW: 530-1600 kHz
Total Harmonic Distortion	<3%
Signal to Noise Ratio	>50 dB

General

Power Supply	220 V~, 60 Hz; or DC 8 X 1.5V ⎓ / SIZE "D" / R20 CELL
Sound Output Power	2 x 2.5 W per channel
Operation Power Consumption	15 W
Dimensions: Main Unit (W x H x D)	386 x 134 x 257 mm
Weight: Main Unit	2.5 kg

- 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: 32~256 (kbps), variable bit rates

Compatible USB devices:

- USB flash memory (USB1.1)
- USB flash players (USB1.1)
- memory cards (requires an additional card reader to work with this apparatus)

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: 16 bytes)

Unsupported formats:

- Empty albums: an empty album is an album that does not contain MP3/ WMA files, and is not be shown in the display.

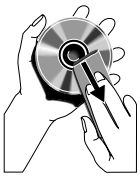
- Unsupported file formats are skipped. For example, Word documents (.doc) or MP3 files with extension .dlf are ignored and not played.
- AAC, WAV, PCM audio files
- DRM protected WMA files (.wav, .m4a, .m4p, .mp4, .aac)
- WMA files in Lossless format

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.

7 Troubleshooting

Warning

- Never remove the casing of this device.

To keep the warranty valid, never try to repair the system yourself.
If you encounter problems when using this device, check the following points before requesting service. If the problem remains unsolved, go to the Philips Web page (www.philips.com/support). When you contact Philips, make sure that the device is nearby and the model number and serial number are available.

No power

- Make sure that the AC power plug of the unit is connected properly.
- Make sure that there is power at the AC outlet.
- Insert the batteries with their polarities (+/– signs) aligned as indicated.
- Replace the battery.

No sound

- Adjust the volume.
- Make sure that the track played is of a compatible format.

Display does not function properly. /No reaction to operation of any of the controls.

- Disconnect the AC power cord.
- Connect the AC power cord after a few seconds.

Cannot play disc

- Make sure that the disc label is inserted with the printed side facing up.
- Wipe the disc with fibre cleaning cloth from the centre to the edge in a straight line.
- This disc may be defective. Play another disc.
- Make sure that the CD is a finalized CD/CD-R/CD-RW.
- Make sure that the laser lens is clean.
- Make sure that the CD is not encoded with copyright protection technologies.

USB device or SD/MMC card not supported

- The USB device or SD/MMC card is incompatible with the apparatus. Try another one.

Poor radio reception

- Increase the distance between the unit and your TV or VCR.
- Fully extend the FM antenna.
- Connect an outdoor FM antenna instead.

Specifications are subject to change without notice
© 2012 Koninklijke Philips Electronics N.V.
All rights reserved.

AZ3811_61_UM_V1.0