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AZ2831



EN User manual
CS Příručka pro uživatele
DA Brugervejledning
DE Benutzerhandbuch

PHILIPS

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.
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.
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.

1 Important

Safety

Important Safety Instructions

- Read these instructions.
- Keep these instructions.
- Heed all warnings.
- Follow all instructions.
- 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 apparatus (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 apparatus.
- 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 apparatus. When a cart is used, use caution when moving the apparatus combination to avoid injury from tip-over.

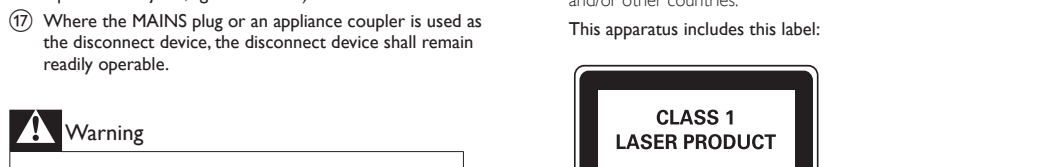
Never dispose of your product with other household waste. Please inform yourself about the local rules on the separate collection of electrical and electronic products. The correct disposal of your old product helps prevent potentially negative consequences on the environment and human health.
Your product contains batteries covered by the European Directive 2006/66/EC, which cannot be disposed of with normal household waste.
When you use the crossed-out wheel bin symbol with the chemical symbol Pb, it means that the batteries comply with the requirement set for 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.
Recording and playback of material might require certain. See Copyright Act 1956 and The Performer's Protection Act, 1958 to 1972.
Environmental information
All unnecessary packaging has been omitted. We have tried to make the packaging easy to separate into three materials: cardboard (box), paper pulp (buffer) and polystyrene (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.

Be responsible
Respect copyrights

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.

Trademark notice
The USB, iLgogo are trademarks of Universal Serial Bus Implementers Forum, Inc.
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:



- 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.

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

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Model No. _____
Serial No. _____
Install batteries
Warning
You can use both batteries and AC power as power supply of this apparatus.
Batteries are not supplied with the accessories.

1 Open the battery compartment.
2 Insert 8 batteries (type R-20, UM-1 or D-cells) with correct polarity (+/-) as indicated.
3 Close the battery compartment. (a)

Note
The type plate is located on the bottom of the apparatus.

What's in the box
Check and identify the contents of the package:
Main unit
AC power cord
MP3 LINK cable
Remote control
User Manual
Quick Start Guide

Overview of the main unit (1)
Disc compartment
SOURCE Select a source (CD, USB, MP3-Link, FM, MW).
Display panel Displays current status.
TUNING Tune to a radio station.
SKIP Skip to the previous/next track.
SEARCH Search within a track.
DISPLAY Change the display contents.
ALBUM/PRESET Skip to the previous/next album.
PRESET Select a preset radio station.
Remote control sensor
MODE Select a play mode: REPEAT or SHUFFLE.
SLEEP Set the sleep timer.
PROG Program tracks and browse the program.
MP3 LINK Start or pause play.
DBS Start a program.
VOLUME + Adjust volume.
FM/ANTENNA Adjust FM reception.

Turn on
Press **ON**.
The unit switches to the last selected source.

4 Play
Warning
Install the apparatus near the power supply socket and where the power plug can be easily reached.

Play CD
Press **SOURCE** repeatedly to select the CD source.
Open the disc compartment.
Insert a disc with the printed side facing up, and then close the disc compartment.
Press **▶** to pause/resume play.
Press **▶▶** to stop play.
Press **▶▶▶** to select an album.
Press **▶▶▶▶** to skip to a track.
Press **▶▶▶▶▶** to search within a track, press and hold **▶▶▶▶▶** to Release to resume normal play.

Overview of the remote control (2)
MUTE Mute or restore volume.
VOLUME + Adjust volume.
▶▶▶▶▶ Start or pause play.
TUNING/SKIP Tune to a radio station.
SKIP Skip to the previous/next track.
SEARCH Search within a track.
ALBUM/PRESET Skip to the previous/next album.
PRESET Select a preset radio station.
DISPLAY Change the display contents.
PROG Program tracks and browse the program.
MP3 LINK Start or pause play.
DBS Start a program.
ERASE Erase a program.
SOURCE Select a source (CD, USB, MP3-Link, FM, MW).

2 Your CD Soundmachine
Introduction
With this apparatus, you can enjoy music from audio discs, external devices, and listen to radio stations.
This apparatus offers you multiple sound effect settings that enrich sound with Dynamic Bass Boost (DBB).
The apparatus supports the following media formats:
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Install batteries
Warning
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Batteries are not supplied with the accessories.

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: 87.5 - 108 MHz; MW: 531 - 1602 kHz
Tuning grid 50 kHz (FM); 9 kHz (MW)
Total Harmonic Distortion <3%
Signal to Noise Ratio >50 dB
General
Power Supply 220 - 240V ~ 50/60 Hz; or DC 8 X 1.5V \neq SIZE "D" / R20 CELL
Operation Power Consumption 15W
Standby Power Consumption <1W
Dimensions - Main Unit (W x H x D) 386 x 134 x 257 mm
Weight - With Packing 3.4 kg
- Main Unit 2.5 kg
Accessories
- ISO9660 Joliet
- Maximum title number: 999 (depending on file name length)
- Maximum album number: 99
- Supported sampling frequencies: 32 kHz, 44.1 kHz, 48 kHz
- Supported bit rates: 32~256 (kbps), variable bit rates
Compatible USB device
- 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/folders: 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 shown in the display.
- Unsupported file formats are skipped. For example, Word documents (.doc) or MP3 files with extension .flr are ignored and not played.
- AAC/WMA/PCM audio files
- DRM-protected WMA files (wma.m4a, mp4.aac) and 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.

4 Press **MODE** repeatedly to select a play mode:
▶▶▶▶▶ (repeat) - repeat a track
▶▶▶▶▶▶ (repeat album) - repeat an album
▶▶▶▶▶▶▶ (repeat all) - repeat an entire CD/program
▶▶▶▶▶▶▶▶ (shuffle) - play tracks randomly
5 Press **▶▶▶▶▶** to select a track number, and then press **▶▶▶▶▶▶** to confirm.
Press steps 2 to 3 to program more tracks.
Press **▶▶▶▶▶** to play the programmed tracks.
During play, [PROG] (program) is displayed.
To erase the program in the stop position, press **▶▶▶▶▶**.

Program tracks
You can program a maximum of 20 tracks.
In CD/USB mode, at the stop position, press **▶▶▶▶▶** to activate the program mode.
[PROG] (program) starts to blink.
Press **▶▶▶▶▶▶▶** to select a track number, and then select an album.
Press **▶▶▶▶▶▶▶▶** to select a track number, and then press **▶▶▶▶▶▶▶▶** to confirm.
Press steps 2 to 3 to program more tracks.
Press **▶▶▶▶▶** to play the programmed tracks.
During play, [PROG] (program) is displayed.
To erase the program in the stop position, press **▶▶▶▶▶**.

Display play information
During play, press **DISPLAY** repeatedly to select different play information.
Warning
Install the apparatus near the power supply socket and where the power plug can be easily reached.

7 Listen to the radio
Tune to a radio station
Warning
For optimal reception, fully extend and adjust the position of the FM antenna.
Connect the AC power cord to the AC input jack on the apparatus and to the power supply socket.
Switch the apparatus off completely, disconnect the AC power cord from the power supply socket.
Install the apparatus near the power supply socket and where the power plug can be easily reached.

Turn on
Press **ON**.
The unit switches to the last selected source.

4 Play
Warning
Install the apparatus near the power supply socket and where the power plug can be easily reached.

Play CD
Press **SOURCE** repeatedly to select the CD source.
Open the disc compartment.
Insert a disc with the printed side facing up, and then close the disc compartment.
Press **▶** to pause/resume play.
Press **▶▶** to stop play.
Press **▶▶▶** to select an album.
Press **▶▶▶▶** to skip to a track.
Press **▶▶▶▶▶** to search within a track, press and hold **▶▶▶▶▶** to Release to resume normal play.

Overview of the remote control (2)
MUTE Mute or restore volume.
VOLUME + Adjust volume.
▶▶▶▶▶ Start or pause play.
TUNING/SKIP Tune to a radio station.
SKIP Skip to the previous/next track.
SEARCH Search within a track.
ALBUM/PRESET Skip to the previous/next album.
PRESET Select a preset radio station.
DISPLAY Change the display contents.
PROG Program tracks and browse the program.
MP3 LINK Start or pause play.
DBS Start a program.
ERASE Erase a program.
SOURCE Select a source (CD, USB, MP3-Link, FM, MW).

2 Your CD Soundmachine
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Serial No. _____
Install batteries
Warning
You can use both batteries and AC power as power supply of this apparatus.
Batteries are not supplied with the accessories.

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: 87.5 - 108 MHz; MW: 531 - 1602 kHz
Tuning grid 50 kHz (FM); 9 kHz (MW)
Total Harmonic Distortion <3%
Signal to Noise Ratio >50 dB
General
Power Supply 220 - 240V ~ 50/60 Hz; or DC 8 X 1.5V \neq SIZE "D" / R20 CELL
Operation Power Consumption 15W
Standby Power Consumption <1W
Dimensions - Main Unit (W x H x D) 386 x 134 x 257 mm
Weight - With Packing 3.4 kg
- Main Unit 2.5 kg
Accessories
- ISO9660 Joliet
- Maximum title number: 999 (depending on file name length)
- Maximum album number: 99
- Supported sampling frequencies: 32 kHz, 44.1 kHz, 48 kHz
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Compatible USB device
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- Number of tracks/folders: maximum 999
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- 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 shown in the display.
- Unsupported file formats are skipped. For example, Word documents (.doc) or MP3 files with extension .flr are ignored and not played.
- AAC/WMA/PCM audio files
- DRM-protected WMA files (wma.m4a, mp4.aac) and 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.

4 Press **MODE** repeatedly to select a play mode:
▶▶▶▶▶ (repeat) - repeat a track
▶▶▶▶▶▶ (repeat album) - repeat an album
▶▶▶▶▶▶▶ (repeat all) - repeat an entire CD/program
▶▶▶▶▶▶▶▶ (shuffle) - play tracks randomly
5 Press **▶▶▶▶▶** to select a track number, and then press **▶▶▶▶▶▶** to confirm.
Press steps 2 to 3 to program more tracks.
Press **▶▶▶▶▶** to play the programmed tracks.
During play, [PROG] (program) is displayed.
To erase the program in the stop position, press **▶▶▶▶▶**.

Program tracks
You can program a maximum of 20 tracks.
In CD/USB mode, at the stop position, press **▶▶▶▶▶** to activate the program mode.
[PROG] (program) starts to blink.
Press **▶▶▶▶▶▶▶** to select a track number, and then select an album.
Press **▶▶▶▶▶▶▶▶** to select a track number, and then press **▶▶▶▶▶▶▶▶** to confirm.
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Display play information
During play, press **DISPLAY** repeatedly to select different play information.
Warning
Install the apparatus near the power supply socket and where the power plug can be easily reached.

7 Listen to the radio
Tune to a radio station
Warning
For optimal reception, fully extend and adjust the position of the FM antenna.
Connect the AC power cord to the AC input jack on the apparatus and to the power supply socket.
Switch the apparatus off completely, disconnect the AC power cord from the power supply socket.
Install the apparatus near the power supply socket and where the power plug can be easily reached.

Turn on
Press **ON**.
The unit switches to the last selected source.

4 Play
Warning
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Play CD
Press **SOURCE** repeatedly to select the CD source.
Open the disc compartment.
Insert a disc with the printed side facing up, and then close the disc compartment.
Press **▶** to pause/resume play.
Press **▶▶** to stop play.
Press **▶▶▶** to select an album.
Press **▶▶▶▶** to skip to a track.
Press **▶▶▶▶▶** to search within a track, press and hold **▶▶▶▶▶** to Release to resume normal play.

Overview of the remote control (2)
MUTE Mute or restore volume.
VOLUME + Adjust volume.
▶▶▶▶▶ Start or pause play.
TUNING/SKIP Tune to a radio station.
SKIP Skip to the previous/next track.
SEARCH Search within a track.
ALBUM/PRESET Skip to the previous/next album.
PRESET Select a preset radio station.
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Frequency Response 60 Hz -16 kHz
S/N Ratio >55 dB
Tuner
Tuning Range FM: 87.5 - 108 MHz; MW: 531 - 1602 kHz
Tuning grid 50 kHz (FM); 9 kHz (MW)
Total Harmonic Distortion <3%
Signal to Noise Ratio >50 dB
General
Power Supply 220 - 240V ~ 50/60 Hz; or DC 8 X 1.5V \neq SIZE "D" / R20 CELL
Operation Power Consumption 15W
Standby Power Consumption <1W
Dimensions - Main Unit (W x H x D) 386 x 134 x 257 mm
Weight - With Packing 3.4 kg
- Main Unit 2.5 kg
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During play, press **DISPLAY** repeatedly to select different play information.
Warning
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Tune to a radio station
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Turn on
Press **ON**.
The unit switches to the last selected source.

4 Play
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Play CD
Press **SOURCE** repeatedly to select the CD source.
Open the disc compartment.
Insert a disc with the printed side facing up, and then close the disc compartment.
Press **▶** to pause/resume play.
Press **▶▶** to stop play.
Press **▶▶▶** to select an album.
Press **▶▶▶▶** to skip to a track.
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- 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/folders: 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 shown in the display.
- Unsupported file formats are skipped. For example, Word documents (.doc) or MP3 files with extension .flr are ignored and not played.
- AAC/WMA/PCM audio files
- DRM-protected WMA files (wma.m4a, mp4.aac) and 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.

4 Press **MODE** repeatedly to select a play mode:
▶▶▶▶▶ (repeat) - repeat a track
▶▶▶▶▶▶ (repeat album) - repeat an album
▶▶▶▶▶▶▶ (repeat all) - repeat an entire CD/program
▶▶▶▶▶▶▶▶ (shuffle) - play tracks randomly
5 Press **▶▶▶▶▶** to select a track number, and then press **▶▶▶▶▶▶** to confirm.
Press steps 2 to 3 to program more tracks.
Press **▶▶▶▶▶** to play the programmed tracks.
During play, [PROG] (program) is displayed.
To erase the program in the stop position, press **▶▶▶▶▶**.

Program tracks
You can program a maximum of 20 tracks.
In CD/USB mode, at the stop position, press **▶▶▶▶▶** to activate the program mode.
[PROG] (program) starts to blink.
Press **▶▶▶▶▶▶▶** to select a track number, and then select an album.
Press **▶▶▶▶▶▶▶▶** to select a track number, and then press **▶▶▶▶▶▶▶▶** to confirm.
Press steps 2 to 3 to program more tracks.
Press **▶▶▶▶▶** to play the programmed tracks.
During play, [PROG] (program) is displayed.
To erase the program in the stop position, press **▶▶▶▶▶**.

Display play information
During play, press **DISPLAY** repeatedly to select different play information.
Warning
Install the apparatus near the power supply socket and where the power plug can be easily reached.

7 Listen to the radio
Tune to a radio station
Warning
For optimal reception, fully extend and adjust the position of the FM antenna.
Connect the AC power cord to the AC input jack on the apparatus and to the power supply socket

