MP3-CD Soundmachine

AZ1816

User Manual

AZ1816

**CLASS 1
LASER PRODUCT**

PHILIPS

1

6xR14•UM-2•C-CELLS

2 - - -

8 ▶ 08 SHUF

3 USB DIRECT - - -

9

4 MP3 008

5 MP3 ALBUM 012

6 P01 PROG

7 02 REP PROG
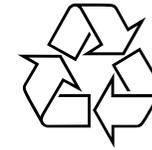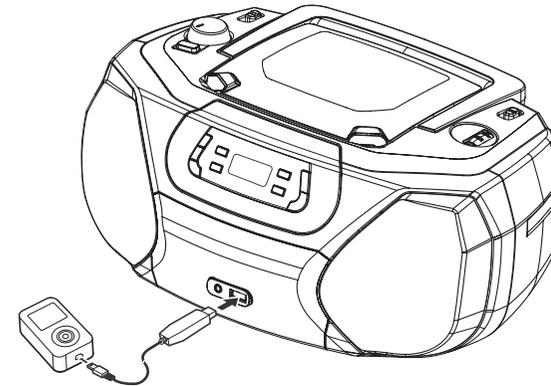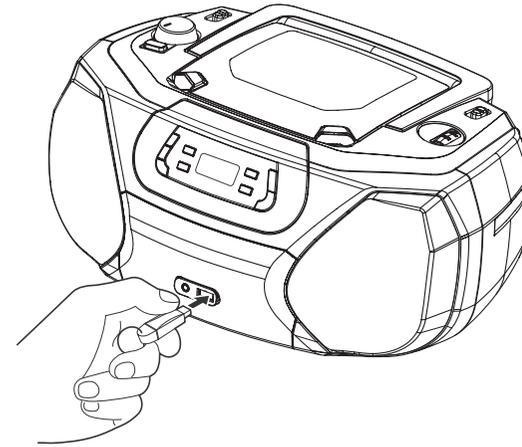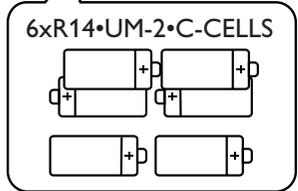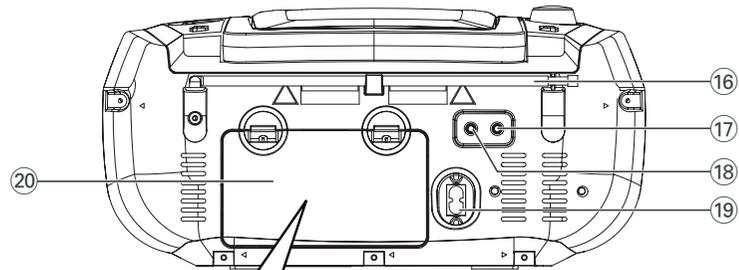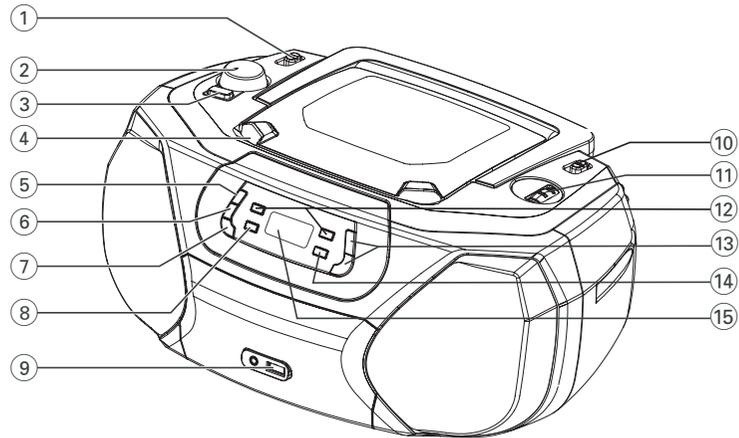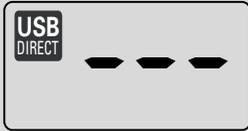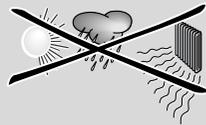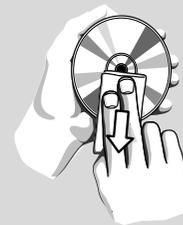
Hearing Safety

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.

Environmental information

All unnecessary packaging material has been omitted. The packaging can be easily separated into three materials: cardboard, polystyrene and plastic.

Your set consists of materials which can be recycled if disassembled by a specialized company. Please observe the local regulations regarding the disposal of packaging, dead batteries and old equipment.

Supplied accessories

– AC power cord

Top and front panels (See ▢1)

1. **Source selector**: **CD/USB, TUNER, AUX, OFF**
   – selects CD/MP3-CD (or USB mode), radio or AUX
   – switches off the set
2. **VOLUME** – adjusts volume level
3. **DBB** – turns the bass enhancement on/off.
4. **LIFT-OPEN** – lifts here to open the disc door
5. **PROG** – programs tracks and reviews the program
6. **MODE** – selects diffrent play modes: e.g. REPEAT or SHUFFLE (random order)
7. **CD/USB** – enters disc or USB mode
8. **▶II** – starts or pauses disc/USB playback
9. **USB port** – connects an external USB mass storage device
10. **BAND** – selects wavebands, MW or FM
11. **TUNING** – tunes to radio stations
12. **I◀◀ ▶▶I**
    – *For disc/ USB play:*
    – skips to the beginning of a current/ previous/ later track
    – fast searches backwards and forwards within a track
13. **ALBUM+/-**
    – *For MP3-CD/ USB play:* select albums
14. **■** – stops disc/USB playback;
    – erases a program
15. **Display** – shows disc/USB play functions

Back panel (See ▢1)

16. **Telescopic antenna** – improves FM reception
17. ⌒ – 3.5 mm stereo headphone socket
    Helpful hints: The speakers will be muted when headphones are connected to the set.
18. **AUX** – 3.5 mm audio input jack
19. **AC~ MAINS** – inlet for power cord
20. **Battery door** – open to insert 6 x 1.5V **R-14**/ **UM2**/ **C-cells**

CAUTION

- Visible and invisible laser radiation. If the cover is open, do not look at the beam.

- High voltage! Do not open. You run the risk of getting an electric shock. The machine does not contain any user-serviceable parts.

- Modification of the product could result in hazardous radiation of EMC or other unsafe operation.

This set complies with the radio interference requirements of the European Union.

Power Supply

Whenever convenient, use the power supply cord if you want to conserve battery life. Make sure you remove the plug from the set and wall outlet before inserting batteries.

Batteries (not included)

1. Open the battery door and insert 6 batteries, type **R-14**, **UM-2** or **C-cells**, (preferably alkaline) with the correct polarity as indicated by the "**+**" and "**–**" symbols inside the compartment (See ▢1).

2. Replace the battery door, making sure the batteries are firmly and correctly in place. The set is now ready to operate.

- *Incorrect use of batteries can cause electrolyte leakage and will corrode the compartment or cause the batteries to burst:*

- *Do not mix battery types: e.g. alkaline with carbon zinc. Only use batteries of the same type for the set.*

- *When inserting new batteries, do not try to mix old batteries with the new ones.*

- *Remove the batteries if the set is not to be used for a long time.*

Batteries contain chemical substances, so they should be disposed of properly.

Using AC power

1. Check if the power voltage, **as shown on the type plate located on the bottom of the set,** corresponds to your local power supply. If it does not, consult your dealer or service center.

2. Connect the power cord to the **AC MAINS~** inlet and the wall socket. The set is now connected and ready for use.

3. To switch the set off completely, withdraw the power cord from the wall socket.

4. Install the unit near the AC outlet and where the AC power plug can be easily reached.

- Disconnect the power cord from the wall socket to protect your set during heavy thunderstorms. Children could seriously injure themselves as the free end of the cable may still be live if only the connector is removed from the MAINS socket at the back of the unit.

The type plate is located on the bottom of the set.

Helpful hints:
- *To avoid unnecessary energy consumption, always adjust the* **Source selector** *to* **OFF** *after using the set.*

Basic functions

Switching on/off the set

1. To switch on, adjust the **source selector** to **CD/USB**, **TUNER**, or **AUX** as desired.
2. To switch off, adjust the **source selector** to **OFF**.

Adjusting volume and sound

Adjust the sound with the **VOLUME** and **DBB** controls.

Radio reception

1. Push the **source selector** to **TUNER**.
2. Adjust the **BAND** to **MW** or **FM** to select your desired waveband.
3. Turn **TUNING** to tune in a radio station.
4. To switch off the radio, adjust the **source selector** to **OFF**.

Helpful hints:

To improve reception

- For **FM**, extend, incline and turn the telescopic antenna. Reduce its length if the signal is too strong.

- For **MW**, uses a built-in antenna. Direct this antenna by turning the whole set.

About MP3

The music compression technology MP3 (MPEG1 Audio Layer 3) significantly reduce the digital data of an audio CD while maintaining CD quality sound.

- **Getting MP3 files:** you can either download legal music files from the internet to your computer hard disc, or create such files by converting audio CD files in your computer through appropriate encoder software. (128kbps bit rate or higher is recommended for MP3 files.)

- **Creating a MP3 CD:** burn the music files from your computer hard disc on a CDR or CDRW using your CD burner.

Helpful hints:

– *Make sure that the file names of the MP3 files end with* ***.mp3*** *or* ***wma***.
– *Number of albums: maximum 99*
– *Number of tracks: maximum 400*
– *The length of file names affects the number of tracks for playback. With shorter file names, more files can be burned on a disc.*

Playing a disc

This player plays Audio Discs including CD-R/ CD-RW, and MP3 CD. Do not try to play a CD-ROM, CD-I, CDV, VCD, DVD or computer CD.

IMPORTANT!

- CDs encoded with **copyright protection technologies** by some record companies may be unplayable by this product.
- DRM-protected WMA disc is not supported.

1 Adjust the **source selector** to **CD/USB**.
 ➜ Display shows - - - (see 2), or - - - with "USB DIRECT" (see 3).

2 Press **CD/USB** to enter CD mode if USB DIRECT is displayed.
 ➜ Display will show --- (See 2).

3 To open the disc door, lift the disc door at the edge marked **LIFT-OPEN**.

4 Insert a disc with the printed side facing up and press the disc door gently to close.
 ➜ Display: The total number of tracks appears.

5 Press ▶II to start playback.
 ➜ Display: ▶ and the current track number.

6 To pause playback press ▶II.
 ➜ Display: ▶ flashes (See 4).

7 Press ▶II again to resume playback.

8 To stop playback, press ■.

Helpful hints:

The disc playback will also stop when:
– you open the disc compartment door;
– you select **TUNER**, **AUX** or **OFF** position;
– the disc has reached the end of the playback.

Selecting a different track

- Press I◀◀ or ▶▶I once or repeatedly until the desired track number appears in the display.

 For MP3-CD/WMA: First press **ALBUM +/-** once or more to find your album.

 ➜ "ALBUM" and the selected album number are displayed and flashed briefly (See 5).

- In the pause/stop position, press ▶II to start playback.

Finding a passage within a track

1 During playback, press and hold down I◀◀ or ▶▶I.
 ➜ The disc is played at high speed and low volume.

2 When you recognize the passage you want, release I◀◀ or ▶▶I.
 ➜ Normal playback resumes.

Programming tracks

You may store up to 20 tracks in the desired sequence. If you like, store any track more than once.

1 In the stop position, press **PROG** to start programming.
 ➜ Display shows P01 indicating the start of the program. **PROG** flashes (See 6).

2 Press I◀◀ or ▶▶I to select your desired track number.

 For MP3-CD/WMA: First press **ALBUM +/-** once or more to find your album.

 ➜ "ALBUM" and the selected album number are displayed and flashed briefly (See 5).

3 Press **PROG** to store the desired track.
 ➜ Display shows P02, indicating the next program location available.

4 Repeat steps **2** to **3** to select and store all desired tracks.

5 Press ▶II to play the program.

To review your program

In the stop position, press and hold **PROG** 3 seconds.
 ➜ The display shows all the stored tracks in sequence.

Helpful hints:

– Display shows P01 if no track is programmed.
– If you try to store more than 20 tracks, no track can be selected and the display will show flashing - - -.

To erase a program

You can erase a program by:
– pressing ■ (twice during playback or once in the stop position);
– selecting **TUNER**, **AUX** or **OFF** position;
– opening the disc door.
 ➜ Display: **PROG** disappears.

MP3-CD/ CD Player

Selecting different play modes (See $\boxed{7}$ $\boxed{8}$)

You can select and change the various play modes before or during playback, and combine REPEAT modes with **PROG**.

REP – plays the current track continuously.
REP ALL – plays the entire disc/program continuously.
SHUF – plays all tracks in random order.

1 To select play modes, press **MODE** once or more.

2 Press ▶II to start playback if in the stop position.
➜ Disc playback will start automatically after few seconds when SHUFFLE mode is selected.

3 To select normal playback, press **MODE** repeatedly until the various modes are no longer displayed.
– You can also press ■ to cancel your play modes.

Helpful hints:
– During playback, when shuffle mode is selected, shuffle play will begin only when playback of current track comes to an end.
– Shuffle play is not available in the program mode.

USB Connection

Using USB connectivity

• AZ1816 is fitted with a USB port in the front panel, offering a plug and play feature which allows you to play, from your AZ1816, digital music and spoken contents stored on a USB mass storage device.

• Using a USB mass storage device, you can also enjoy all the features offered by AZ1816 which are explained and instructed in the sections of disc operation.

Compatible USB mass storage devices

With the AZ1816, you can use
– USB flash memory (USB 2.0 or USB 1.1)
– *USB flash player (USB 2.0 or USB 1.1)*

• USB device which requires driver installation under Windows XP is not supported.

Note:

In some USB flash players (or memory devices), the stored contents are recorded using copyright protection technology. Such protected contents will be unplayable on any other devices (such as AZ1816 device).

Supported formats:

– USB or memory file format FAT12, FAT16, FAT32 (sector size: 512 - 4096 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: maximum 99
– Number of tracks: maximum 400
– ID3 tag v2.0 or later
– File name in Uicode UTF8 (maximum length: 128 bytes

USB Connection

The system will not play or support the following:

• Empty albums: an empty album is an album that does not contain MP3/WMA files, and will not be shown in the display.
• Non-supported file formats are skipped. This means that e.g.: Word documents .doc or MP3 files with extension. dlf are ignored and will not be played.
• AAC, WAV, PCM. NTFS audio files
• DRM protected WMA files
• WMA files in Lossless format

Playing a USB mass storage device

1 Make sure that your AZ1816 is being powered by AC mains or specified batteries.

2 Adjust the **source selector** to **CD/USB**.
➜ Display shows - - - (see $\boxed{2}$), or - - - with USB DIRECT (see $\boxed{3}$)

3 Press **CD/USB** to enter USB mode if USB DIRECT is NOT displayed.
➜ Display will show USB DIRECT (see $\boxed{2}$).

4 As shown in figure $\boxed{10}$, plug a compatible USB mass storage device to AZ1816's USB port marked ⟿. If needed, use a suitable USB cable to connect between the device and AZ1816's USB port.
➜ The device will automatically power on.
• If the device is not powered on, turn on the power manually, then re-connnect it.
➜ AZ1816's display shows USB DIRECT and the total number of playable audio files (Max. displayed track number is 400) stored on the device.

5 Press ▶II on your AZ1816 to start play.
➜ AZ1816's display will show USB DIRECT and share the display information illustrated in the disc operation.

Auxiliary Connection

Helpful hints:
– *Up to 400 playable audio files stored on a USB mass storage device can be played on AZ1816.*
– *Up to 99 playable albums stored on a USB mass storage device can be selected and displayed on AZ1816.*
– *Make sure that file names of MP3 files end with .mp3. and the file names of WMA files end with .wma.*
– *For DRM protected WMA files, use Windows Media Player 10 (or later) for conversion. Visit www.microsoft.com for details about Windows Media Player and WM DRM (Windows Media Digital Rights Management).*
– *For USB device playing, if the display shows "OL", it means that the USB device is electrically overloading AZ1816. You need to change a USB device.*

Connecting an external device

You can listen to the sound of the connected external device through your AZ1816's speakers.

1 Adjust the **source selector** to **AUX**.

2 Use a line-in cable (not supplied) to connect AZ1816's AUX jack (3.5 mm, located on the back panel) to an AUDIO OUT or headphone jack on an external equipment (such as CD player, or VCR).

Safety & Maintenance (See ⑨)

Safety information

- Place the set on a hard, flat and stable surface so that the system does not tilt.
- Do not expose the set, batteries, CDs to humidity, rain, sand or excessive heat caused by heating equipment or direct sunlight.
- The apparatus shall not be exposed to dripping or splashing.
- Adequate ventilation with a minimum gap of 15 cm between the ventilation holes and surrounding surfaces is necessary to prevent heat build-up.
- The ventilation should not be impeded by covering the ventilation openings with items, such as newspapers, table-cloths, curtains, etc..
- No objects filled with liquids, such as vases, shall be placed on the apparatus.
- No naked flame sources, such as lighted candles, should be placed on the apparatus.
- The mechanical parts of the set contain self-lubricating bearings and must not be oiled or lubricated.
- To clean the set, use a dry cloth. Do not use any cleaning agents containing alcohol, ammonia, benzene or abrasives as these may harm the housing.

CD player and CD handling

- If the CD player cannot read CDs correctly, use a cleaning CD to clean the lens before taking the set to repair.
- The lens of the CD player should never be touched!
- Sudden changes in the surrounding temperature can cause condensation on the lens of your CD player. Playing a CD is then not possible. Do not attempt to clean the lens but leave the set in a warm environment until the moisture evaporates.
- Always close the CD door to avoid dust on the lens.
- To clean the CD, wipe in a straight line from the center towards the edge using a soft, lint-free cloth. Do not use cleaning agents as they may damage the disc.
- Never write on a CD or attach any stickers to it.

Troubleshooting

If a fault occurs, first check the points listed below before taking the set for repair.
If you are unable to remedy a problem by following these hints, consult your dealer or service centre.

WARNING: Do not open the set as there is a risk of electric shock. Under no circumstances should you try to repair the set yourself, as this will invalidate the guarantee.

No sound/ power

- *Volume not adjusted*
- Adjust the VOLUME
- *Power cord not securely connected*
- Connect the AC power cord properly
- *Batteries dead/ incorrectly inserted*
- Insert (fresh) batteries correctly
- *Headphones connected to the set*
- Disconnect headphones.
- *Disc contains non-audio files*
- Insert a suitable disc or press ◄◄ or ►► once or more skip to an audio track, instead of the data files.

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

- *Electrostatic discharge*
- Switch off and unplug the set. Reconnect after a few seconds.

⌐⌐ indication

- *It is set in the USB mode.*
- Press **CD/USB** to select CD mode.
- *No disc inserted*
- Insert a suitable disc
- *Disc badly scratched or dirty*
- Replace/clean CD (See Maintenance)
- *CD-R(W) is blank or the disc is not finalized.*
- Use a finalized CD-R(W)
- *Laser lens steam up*
- Wait until lens has cleared.

Note:

Make sure the CD is not encoded with Copyright protection technologies, as some do not conform to the Compact Disc standard.

The disc skips tracks

- *Disc damaged or dirty*
- Replace or clean disc
- *Shuffle or program is active*
- Switch off shuffle/program

Sound skips during MP3 playback

- *MP3 file made at compression level exceeding 320kbps*
- Use a lower compression level to record CD tracks into MP3 format
- *Disc damaged or dirty*
- Replace or clean disc.

Note:

A CD badly scratch or dirty may result in improper operation.

The USB device doesn't play on my AZ1816

- *It is not set in the USB mode.*
- Press **CD/USB** to select USB mode.
- *The device is not securely connected to AZ1816's USB port.*
- Re-connect the device, and make sure that the device is powered on.
- *The device is not supported by AZ1816, or the audio file format stored on the device is not supported by AZ1816.*
- Use a compatible device/ playable audio file format.

AUSTRALIA - Philips Manufacturers Warranty for Australia only

These warranty conditions are valid for the following consumer electronics products:
Colour Television, Projection TV, Plasma & LCD TV, Video Cassette Recorder, CD Recorder & Players, DVD Players, DVD Recorders, Audio Systems, Home Theatre systems & Portable Audio.

The benefits given to the purchaser by this warranty are in addition to all other rights and remedies which the purchaser has in respect of the product under the Trade Practices Act or other Commonwealth or State Law.

Philips Consumer Electronics warrants its products to the purchaser as follows and subject to the stated conditions.

3 YEARS Free Repair Service - at Philips ASC
Colour Television, Plasma Television, LCD Television, Projection Television, DVDR/VCR Combo, DVD Recorder, DVD Recorder with Hard Drive, LCD Projectors, Wireless Audio Systems

1 YEAR Free Repair Service - at Philips ASC
Audio Systems & Home Theatre Systems

1 YEAR Free Replacement - at your Retailer
Portable Audio, MP3 Infotainment products, Video Cassette Recorders, DVD player, DVD/VCR Combo Player, Portable DVD/LCD player

Conditions of Repair Warranty

1. All claims for warranty service should be made to your nearest Philips Authorised Service Centre. Reasonable evidence of date of purchase must be provided.

2. This warranty extends only to defects in material or workmanship occurring under normal use of the product when operated in accordance with the instructions.

3. If a replacement product is supplied under the repair policy it is warranty, under this warranty, for the remainder of the warranty of the original purchased product only.

4. Home service is provided only within the normal service area of one of our recommended Authorised Service Centres (ASC). It will be provided for television receivers only, regardless of size or type (i.e. CRT, LCD, PTV, PDP). All other products are to be taken or sent by the customer to the workshop of your nearest ASC (at the Consumer's expense).

5. This Manufacturers Warranty is limited to 3 months for above listed Consumer Electronics products if used in commercial applications.

6. Philips may, at its discretion choose to replace rather than repair any product covered by this warranty.

7. This Manufacturers Warranty is neither transferable nor valid in countries other than Australia.

This warranty does not cover:

a) Mileage or travel outside the normal service area covered by selected Authorised Service Centre.

b) Service costs arising from failure to correctly adjust the controls of the product or to observe the instructions, or inspections that reveal that the product is in normal working order

c) Product failures caused by misuse, neglect, accidental breakage, transit damage, inexpert repairs or modification by un-authorised persons, external fires, lightning strikes, floods, vermin infestation or liquid spillage.

d) Cleaning of video or audio heads.

e) Inadequate receiving antennae.

f) Replacement of worn or used batteries or other consumables.

g) Consumer products used in commercial applications (This warranty is limited to 3 months only).

h) Second hand products.

The conditions contained in this warranty card replace and override the provision of the Philips World-Wide Guarantee for products purchased in Australia and used in Australia.

Service is provided through more than 100 accredited Authorised Service Centres throughout Australia. For direct contact with the nearest recommended Authorised Service Centre in capital & regional cities/towns

Authorised Service Centre Network
1300 361 392

Customer support is provided in Australia by our trained call centre staff. For assistance with product features and specifications, please call

Technology Care Centre
1300 363 391

Please record the following information for your records and keep in a safe place.
We recommend retaining your purchase receipt to assist with any warranty claim.

Model number:...

Serial number:...

Date of purchase:...

Retailer:...

Philips Consumer Electronics
a division of Philips Electronics Australia Limited
ABN 24 008 445 743,
Level 1, 65 Epping Road NORTH RYDE NSW 2113

Warranty valid for all new products purchased after 1st April 2006

NEW ZEALAND - Guarantee and Service for New Zealand

Thank-you for purchasing this quality Philips product.

Philips New Zealand Ltd guarantees this product against defective components and faulty workmanship for a period of 12 months. Any defect in materials or workmanship occurring within 12 months from the date of purchase subject to the following conditions will be rectified free of charge by the retailer from whom this product was purchased.

Conditions

1. The product must have been purchased in New Zealand. As proof of purchase, retain the original sales docket indicating the date of purchase.

2. The guarantee applies only to faults caused by defective components, or faulty workmanship on the part of the manufacturer.

3. The guarantee does not cover failures caused by misuse, neglect, normal wear and tear, accidental breakage, use onthe incorrect voltage, use contrary to operating instructions, or unauthorised modification to the product or repair by an unauthorised technician.

4. Reasonable evidence (in the form of a sales docket) must be supplied to indicate that the product was purchased no more than 12 months prior to the date of your claim.

5. In the event of a failure, Philips shall be under no liability for any injury, or any loss or damage caused to property or products other than the product under guarantee.

   This guarantee does not prejudice your rights under common law and statute, and is in addition to the normal responsibilities of the retailer and Philips.

How to claim

Should your Philips product fail within the guarantee period, please return it to the retailer from whom it was purchased. In most cases the retailer will be able to satisfactorily repair or replace the product.

However, should the retailer not be able to conclude the matter satisfactorily, or if you have other difficulties claiming under this guarantee, please contact

The Guarantee Controller
Philips New Zealand Ltd.
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