

MP3-CD Mini Hi-Fi System

FWM143

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



Thank you for choosing Philips.

Need help fast?

Read your Quick Start Guide and/or User Manual first for quick tips that make using your Philips product more enjoyable.

If you have read your instructions and still need assistance, you may access our online help at

www.philips.com/welcome
or call

1-888-PHILIPS (744-5477)

while with your product.
(and Model / Serial number)



Philips vous remercie de votre confiance.

Besoin d'une aide rapide?

Le Guide rapide de début et Manuel de l'utilisateur regorgent d'astuces destinées à simplifier l'utilisation de votre produit Philips.

Toutefois, si vous ne parvenez pas à résoudre votre problème, vous pouvez accéder à notre aide en ligne à l'adresse

www.philips.com/welcome
ou formez le

1-800-661-6162 (Francophone)

1-888-PHILIPS (744-5477) (English speaking)

Veillez à avoir votre produit à portée de main.



Gracias por escoger Philips

Necesita ayuda inmediata?

Lea primero la Guía rápida del comienzo o el Manual del usuario, en donde encontrará consejos que le ayudarán a disfrutar plenamente de su producto Philips.

Si después de leerlo aún necesita ayuda, consulte nuestro servicio de asistencia en línea en

www.philips.com/welcome
o llame al teléfono

1-888-PHILIPS (744-5477)

y tenga a mano el producto.
(y número de model / serial)



PHILIPS

Note : This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures :

- Relocate the receiving antenna.
- Increase the separation between the equipment and receiver
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

IMPORTANT !

modifications not authorized by the manufacturer may void users authority to operate this device.

Remarque : Cet équipement a été testé et a été certifié conforme aux limites imposées pour un appareil numérique de Classe B, conformément à la partie 15 des règlements FCC. Ces limites sont définies aux fins d'assurer une protection raisonnable contre les interférences nuisibles dans une installation résidentielle. Cet équipement génère, utilise et émet des fréquences radio qui, en cas d'une mauvaise installation ou d'une utilisation non-conforme aux instructions de ce manuel d'utilisation peuvent causer des interférences nuisibles aux communications radio. Il n'y a toutefois aucune garantie que des interférences nuisibles ne se produiront pas dans une installation donnée. Si cet équipement cause des interférences nuisibles avec votre poste radio ou de télévision, ce que vous pouvez déterminer en éteignant et en rallumant votre équipement, il est conseillé à l'utilisateur d'essayer de pallier à ces interférences nuisibles en prenant l'une ou l'autre des mesures suivantes:

- Changez la position de l'antenne de réception.
- Augmentez la séparation entre l'équipement et le récepteur.
- Branchez l'équipement sur une source d'alimentation différente de celle sur laquelle le récepteur est branché.
- Consultez votre distributeur ou un technicien qualifié en la matière pour assistance.

IMPORTANTE !

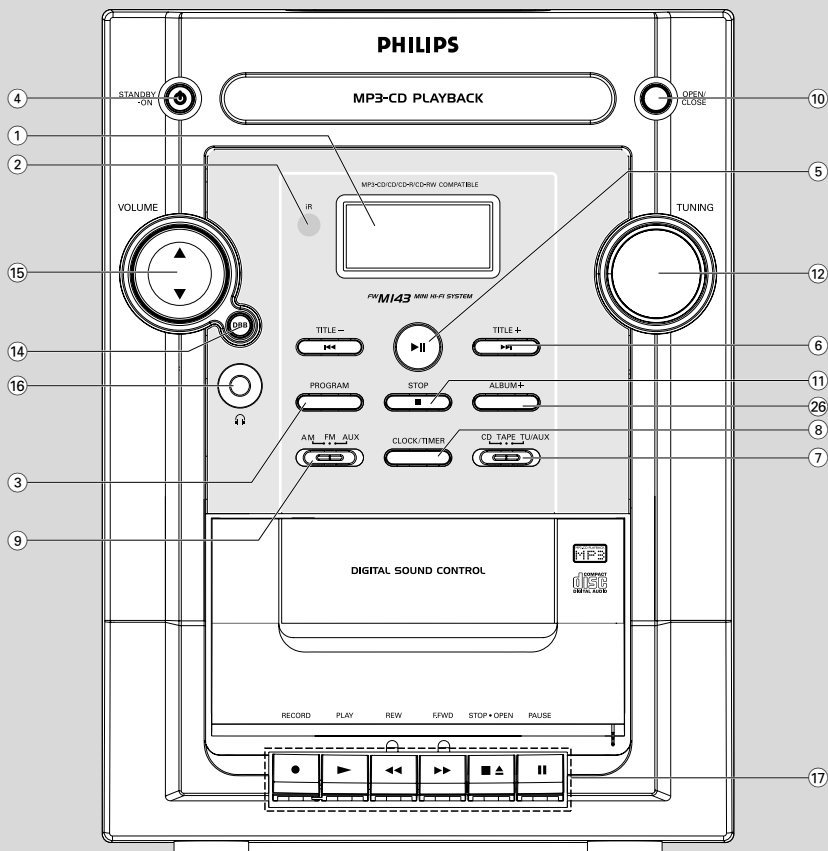
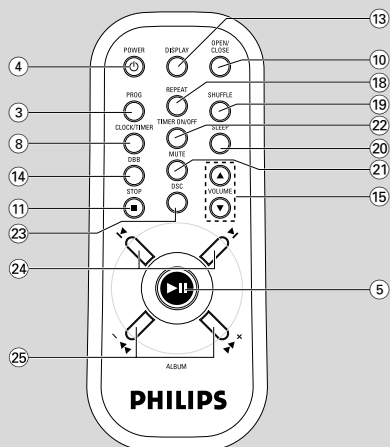
las modificaciones no autorizadas por el fabricante pueden anular la autoridad de los usuarios para utilizar este aparato.

Nota : Este aparato ha sido probado y cumple con los límites correspondientes a un aparato digital de Clase B, según la parte 15 de las Normas FCC. Estos límites han sido diseñados para facilitar suficiente protección frente a interferencias perjudiciales en una instalación residencial. Este aparato genera, utiliza y puede emitir energía de frecuencias de radio y, si no se instala y utiliza según el manual de instrucciones, puede provocar interferencias perjudiciales en las comunicaciones de radio. Sin embargo, no existe garantía de que las interferencias no ocurrirán en una instalación particular. Si este aparato provoca interferencias perjudiciales en la recepción de radio o televisión, que se puede identificar encendiendo y apagando el aparato, recomendamos al usuario que intente solucionar las interferencias siguiendo una o más de las siguientes medidas:

- Cambie la posición de la antena receptora.
- Aumente la separación entre el aparato y el receptor.
- Conecte el aparato a una toma de un circuito diferente al que está conectado el receptor.
- Consulte con el distribuidor o un técnico de radio/TV con experiencia para que le ayuden.

!IMPORTANTE!

modificações não autorizadas pelo fabricante, podem causar danos na operação deste aparelho.



**Return your Product Registration Card or register online at
www.philips.com/welcome today to get the very most from your purchase.**

Registering your model with PHILIPS makes you eligible for all of the valuable benefits listed below, so don't miss out. Complete and return your Product Registration Card at once, **or register online at www.philips.com/welcome** to ensure:

***Proof of Purchase**

Returning the enclosed card guarantees that your date of purchase will be on file, so no additional paperwork will be required from you to obtain warranty service.

***Product Safety Notification**

By registering your product, you'll receive notification - directly from the manufacturer - in the rare case of a product recall or safety defect.

***Additional Benefits**

Registering your product guarantees that you'll receive all of the privileges to which you're entitled, including special money-saving offers.

PHILIPS

Congratulations on your purchase, and welcome to the "family!"

Dear PHILIPS product owner:

Thank you for your confidence in PHILIPS. You've selected one of the best-built, best-backed products available today. We'll do everything in our power to keep you happy with your purchase for many years to come.

As a member of the PHILIPS "family," you're entitled to protection by one of the most comprehensive warranties and outstanding service networks in the industry. What's more, your purchase guarantees you'll receive all the information and special offers for which you qualify, plus easy access to accessories from our convenient home shopping network.

Most importantly, you can count on our uncompromising commitment to your total satisfaction.


All of this is our way of saying welcome - and thanks for investing in a PHILIPS product.


P.S. To get the most from your PHILIPS purchase, be sure to complete and return your Product Registration Card at once, or register online at:

www.philips.com/welcome

Know these
safety symbols



 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 mark 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.

ATTENTION: Pour éviter les choc électriques, introduire la lame la plus large de la fiche dans la borne correspondante de la prise et pousser jusqu'au fond.

For Customer Use

Enter below the Serial No. which is located on the rear of the cabinet. Retain this information for future reference.

Model No. _____

Serial No. _____

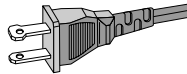
PHILIPS

Visit our World Wide Web Site at <http://www.philips.com/welcome>

IMPORTANT SAFETY INSTRUCTIONS

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. **Do not defeat the safety purpose of the**



AC Polarized Plug

- polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. **Protect the power cord** from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
 11. **Only use attachments/accessories** specified by the manufacturer.
 12. **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.



13. **Unplug this apparatus** during lightning storms or when unused for long periods of time.
14. **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.
15. **Where the MAINS plug or an appliance coupler is used as the disconnct device, the disconnct device shall remain readily operable.**

16. **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.

17. **Apparatus shall not be exposed to dripping or splashing.**
18. **Do not place any sources of danger on the apparatus** (e.g. liquid filled objects, lighted candles).
19. This product may contain lead and mercury. Disposal of these materials may be regulated due to environment considerations.

For disposal or recycling information, please contact your local authorities or the Electronic Industries Alliance: www.eiae.org.

EL 6475-S004: 03/12

Class II equipment symbol



This symbol indicates that the unit has a double insulation system

Canada

English:

This digital apparatus does not exceed the Class B limits for radio noise emissions from digital apparatus as set out in the Radio Interference Regulations of the Canadian Department of Communications.

Français:

Cet appareil numérique n'émet pas de bruits radioélectriques dépassant les limites applicables aux appareils numériques de Class B prescrites dans le Règlement sur le Brouillage Radioélectrique édicté par le Ministère des Communications du Canada.

Windows Media is a trademark of Microsoft Corporation.

CAUTION

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

ATTENTION

L'utilisation des commandes ou réglages ou le non respect des procédures ci-incluses peuvent se traduire par une exposition dangereuse à l'irradiation.

ATENCIÓN

El uso de mando o ajustes o la ejecución de métodos que no sean los aquí descritos puede ocasionar peligro de exposición a radiación.

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.

English 8

Français 24

Español 43

English

Français

Español

General Information

Environmental information	9
Supplied accessories	9
Safety information	9

Preparation

Rear connections	10
Optional connection	11
Inserting batteries into the remote control	11

Controls

Controls on the system and remote control	12
---	----

Basic Functions

Switching the system on	13
Power-saving automatic standby	13
Adjusting volume and sound	13

CD/MP3 Operation

Playing a disc	14
Selecting a different track	14
Finding a passage within a track	14
Playing an MP3 disc	14-15
Different play modes: Shuffle and Repeat	15
Programming track numbers	15
Erasing the programme	15

Radio Reception

Tuning to radio stations	16
--------------------------------	----

Tape Operation/Recording

Tape playback	17
General information on recording	17
Synchro start CD recording	17
Recording from the radio	18

External sources

Listening to external source	18
------------------------------------	----

Clock/Timer

Setting the clock	19
Setting the timer	19
Activating and deactivating TIMER	19
Activating and deactivating SLEEP	19

Maintenance

20

Specifications

20

Troubleshooting

21-22

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.

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

This set complies with the FCC rules, Part 15 and with 21 CFR 1040.10.

Operation is subject to the following two conditions:

- ***This device may not cause harmful interference, and***
- ***This device must accept any interference received, including interference that may cause undesired operation.***

Supplied accessories

- 2 speaker boxes
- remote control

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.

Safety Information

- Before operating the system, check that the operating voltage indicated on the typeplate (or the voltage indication beside the voltage selector) of your system is identical with the voltage of your local power supply. If not, please consult your dealer.
- Where the MAINS plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.
- Place the system on a flat, hard and stable surface.

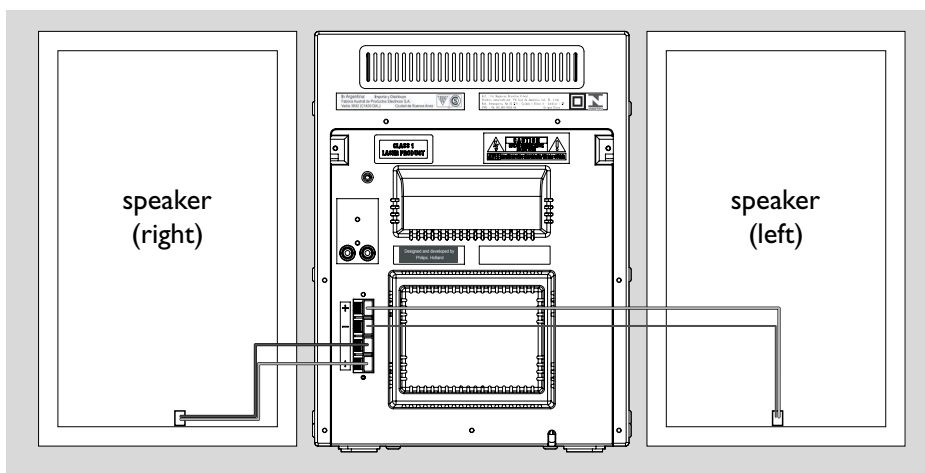
- Place the system in a location with adequate ventilation to prevent internal heat build-up in your system. Allow at least 10 cm (4 inches) clearance from the rear and the top of the unit and 5 cm (2 inches) from each side.
- The ventilation should not be impeded by covering the ventilation openings with items, such as newspapers, table-cloths, curtains, etc.
- Do not expose the system, batteries or discs to excessive moisture, rain, sand or heat sources caused by heating equipment or direct sunlight.
- No naked flame sources, such as lighted candles, should be placed on the apparatus.
- No objects filled with liquids, such as vases, shall be placed on the apparatus.
- The apparatus shall not be exposed to dripping or splashing.
- Install this unit near the AC outlet and where the AC power plug can be reached easily.
- If the system is brought directly from a cold to a warm location, or is placed in a very damp room, moisture may condense on the lens of the disc unit inside the system. Should this occur, the CD player would not operate normally. Leave the power on for about one hour with no disc in the system until normal playback is possible.
- The mechanical parts of the set contain self-lubricating bearings and must not be oiled or lubricated.
- Batteries (battery pack or batteries installed) shall not be exposed to excessive heat such as sunshine, fire or the like.
- **When the system is switched to Standby mode, it is still consuming some power. To disconnect the system from the power supply completely, remove the AC power plug from the wall socket.**

The making of unauthorized copies of copy-protected material, including computer programmes, 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.



**Be responsible
Respect copyrights**

Preparations



Rear connections

The type plate is located at the back of the system.

A Power

Before connecting the AC power cord to the wall outlet, ensure that all other connections have been made.

WARNING!

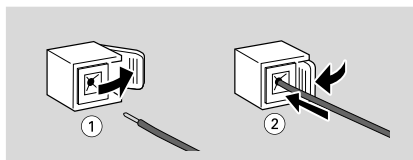
- For optimal performance, use only the original power cable.
- Never make or change any connections with the power switched on.

To avoid overheating of the system, a safety circuit has been built in. Therefore, your system may switch to Standby mode automatically under extreme conditions. If this happens, let the system cool down before reusing it (not available for all versions).

B Speakers Connection

Front Speakers

Connect the speaker wires to the SPEAKERS terminals, right speaker to "R" and left speaker to "L", coloured (marked) wire to "+" and black (unmarked) wire to "–".



- Fully insert the stripped portion of the speaker wire into the terminal as shown.

Notes:

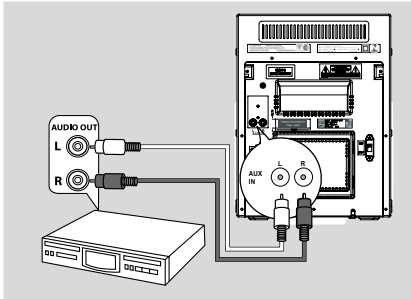
- For optimal sound performance, use the supplied speakers.
- Do not connect more than one speaker to any one pair of +/– speaker terminals.
- Do not connect speakers with an impedance lower than the speakers supplied. Please refer to the SPECIFICATIONS section of this manual.

Optional connection

The optional equipment and connecting cords are not supplied. Refer to the operating instructions of the connected equipment for details.

Connecting external equipment

Use a cinch cable to connect **AUX IN** to the analogue audio out terminals of an external equipment (TV, VCR, Laser Disc player, DVD player or CD Recorder).

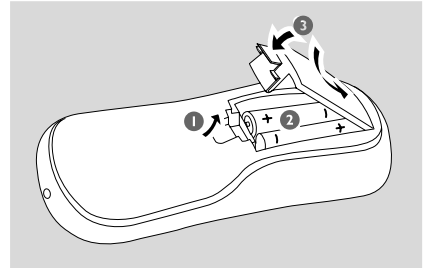


Note:

— If you are connecting equipment with a mono output (a single audio out terminal), connect it to the AUX left terminal. Alternatively, you can use a "single to double" cinch cable (the output sound still remain mono).

Inserting batteries into the remote control

Insert two batteries type R03 or AAA into the remote control with the correct polarity as indicated by the "+" and "-" symbols inside the battery compartment.
















CAUTION!

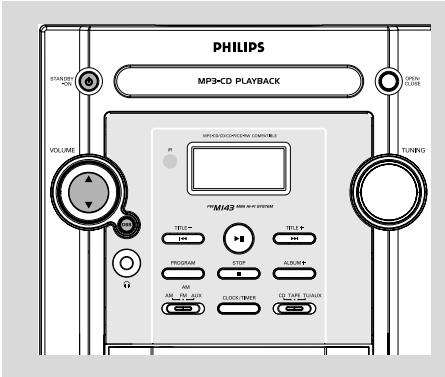
- Remove batteries if they are exhausted or will not be used for a long time.
- Do not use old and new or different types of batteries in combination.
- Batteries contain chemical substances, so they should be disposed of properly.
- Perchlorate Material-special handling may apply. See www.dtsc.ca.gov/hazardouswaste/perchlorate.

Controls (illustrations on page 3)

Controls on the system and remote control

- ① **LCD Display**
 - shows the status of the system.
- ② **iR SENSOR**
 - infrared sensor for remote control.
- ③ **PROGRAM (PROG)**
 - for CD programs tracks and reviews the program.
- ④ **STANDBY-ON  (POWER )**
 - switches the system to standby/on.
- ⑤ ****
 - for CD/MP3 starts or pauses CD playback.
- ⑥ **TITLE-/+  / **
 - for CD/MP3 skips to the beginning of a current track/previous/ next track (title).
(press and hold) fast searches back and forward within a track/ disc.
for clock/timer .. adjusts the hours and minutes for clock / timer functions.
- ⑦ **Source selector (CD/TAPE/TUNER/AUX)**
 - selects the respective sound source for CD/TAPE/TUNER/AUX.
- ⑧ **CLOCK/TIMER**
 - sets the clock or timer function.
- ⑨ **Mode selector (AM/FM/AUX)**
 - for Tuner selects waveband: AM or FM.
for AUX selects the AUX mode.
- ⑩ **OPEN/CLOSE**
 - open/close the CD door.
- ⑪ **STOP **
 - for CD/MP3 stops CD playback or erases a CD program.
- ⑫ **TUNING**
 - tunes to a radio station.
- ⑬ **DISPLAY**
 - display the current time.
- ⑭ **DBB (Dynamic Bass Boost)**
 - enhances the bass.
- ⑮ **VOLUME  **
 - adjusts the volume level.

- ⑯ ****
 - connect headphones.
- ⑰ **Tape Deck Operation**
 - RECORD ** starts recording.
 - PLAY ** starts playback.
 - REW  / F.FWD ** fast rewinds/ forwards the tape.
 - STOP•OPEN ** stops the tape; opens the tape compartment.
 - PAUSE ** pauses recording or playback.
- ⑱ **REPEAT**
 - for CD/MP3 repeats a track/CD programme/ entire CD.
- ⑲ **SHUFFLE**
 - for CD/MP3 plays CD tracks in random order.
- ⑳ **SLEEP**
 - activates/deactivates or selects the sleeper time.
- ㉑ **MUTE**
 - switches playback sound off and on.
- ㉒ **TIMER ON/OFF**
 - activates/deactivates the timer:
- ㉓ **DSC (Digital Sound Control)**
 - selects sound characteristics: CLASSIC/JAZZ/POP/ROCK.
- ㉔ ** / **
 - for CD/MP3 skips to the beginning of a current track/previous/next track (title).
for CD/MP3 (press and hold) fast searches back and forward within a track/ CD.
for clock/timer adjusts the hours and minutes for clock/timer functions.
- ㉕ **ALBUM-/+  / **
 - for MP3 selects an album.
- ㉖ **ALBUM+**
 - for MP3 selects an album upward.



IMPORTANT:

Before you operate the system, complete the preparation procedures.

Switching the system on

- Press **STANDBY-ON** (**POWER** on the remote).
- The system will switch to the last selected source.

Switching the system to Eco Power Standby mode

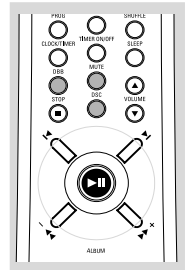
- Press **STANDBY-ON** (**POWER** on the remote) in the active mode.
- The system enters Eco power standby (the ECO POWER LED is on) or normal standby with clock display.
- The volume level (up to a maximum volume level of 15), interactive sound settings, last selected source and tuner presets will be retained in the player's memory.
- If the system is in normal standby with clock display, press and hold **STANDBY-ON** (**POWER** on the remote) for 3 seconds or more to switch to Eco power standby or vice versa.

Power-saving automatic standby

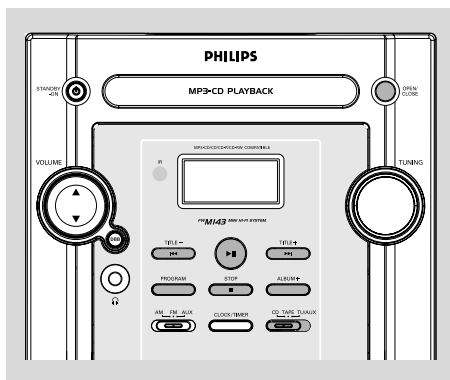
The power-saving feature automatically switches to standby 30 minutes after a tape or CD playback has ended and no control is operated.

Adjusting volume and sound

- 1 Press **VOLUME** to increase or decrease volume.
→ Display shows the volume level *001* and a number from 0-40.
 - 2 Press **DBB** to switch bass enhancement on or off.
→ Display shows: **DBB** if the DBB is activated.
 - 3 Press **DSC** on the remote to repeatedly to select the desired sound effect: CLASSIC, JAZZ, POP or ROCK.
 - 4 Press **MUTE** on the remote control to stop sound play-back instantly.
→ Playback will continue without sound and the display shows **MUTE**.
- To start sound playback you can:
 - press **MUTE** again;
 - adjust the volume controls.

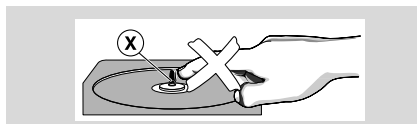


CD/MP3 Operation



IMPORTANT:

The lens of the CD player should never be touched.



Playing a disc

This CD player plays Audio Discs including CD-Recordables, CD-Rewritables and MP3 CD.

- CD-ROM, CD-I, CDV, VCD, DVD or computer CDs, however, are not possible.

- 1 Adjust the source selector to select **CD** source.
- 2 Press **OPEN/CLOSE** on the system to open the CD compartment.
→ **OPEN** is displayed when you open the CD compartment.
- 3 Insert a disc with the printed side facing up and press **OPEN/CLOSE** to close the CD door.
→ **READ** is displayed as the CD player scans the contents of a disc, and then the total number of tracks and playing time (or the total number of albums and tracks for MP3 disc) are shown.
- 4 Press **▶▶** to start playback.
→ The current track number and elapsed playing time of the track are displayed during disc playback.

- 5 To pause playback press **▶▶**. Press **▶▶** again to resume play.
→ The display freezes and the elapsed playing time flashes when playback is interrupted.

- 6 To stop disc playback, press **STOP**.

Note: CD playback will also stop when;

- the CD door is opened.
- the disc has reached the end.
- you select another source: **TAPE, TUNER, AUX**.
- you select standby.

Selecting a different track

- Press **TITLE-/+** **◀◀** or **▶▶** (**◀**/**▶** on the remote) once or repeatedly until the desired track number appears in the display.
- Press **▶▶** to start playback.

Finding a passage within a track

- 1 Press and hold down **TITLE-/+** **◀◀** or **▶▶** (**◀**/**▶** on the remote).
→ The disc is played at high speed and low volume.
- 2 When you find the passage you want, release **TITLE-/+** **◀◀** or **▶▶** (**◀**/**▶** on the remote).
→ Normal playback continues.

Playing an MP3 disc

- 1 Load an MP3 disc.
→ The disc reading time may exceed 10 seconds due to the large number of songs compiled into one disc.
→ "XX XX" is displayed. XX is the current album number and XX is the current track number.
- 2 Press **ALBUM+** (**ALBUM-/+** **◀◀**/**▶▶** on the remote) to select a desired album.
- 3 Press **TITLE-/+** **◀◀** / **▶▶** (**◀**/**▶** on the remote) to select a desired track.
→ The album number will change accordingly as you reach the first track of an album by pressing **TITLE-** **◀◀** (**◀** on the remote) or the last track of an album by pressing **TITLE+** **▶▶** (**▶** on the remote).
- 4 Press **▶▶** to start playback.

Supported MP3 disc formats:

- ISO9660, Joliet, UDF 1.5
- Maximum title number: 511 (depending on filename length)
- Maximum album number: 99
- Supported sampling frequencies: 32 kHz, 44.1 kHz, 48 kHz
- Supported Bit-rates: 32~256 (kbps), variable bitrates

Different play modes: SHUFFLE and REPEAT

You can select and change the various play modes before or during playback.

REPEAT plays the current track continuously

REPEAT ALL ... repeats the entire disc/programme

SHUF tracks of the entire disc are played in random order

SHUF and **REPEAT ALL** repeats the entire disc/programme continuously in random order

- 1** To select your play mode, press **SHUFFLE** or **REPEAT** on the remote control before or during playback until the display shows the desired function.
- 2** Press **▶II** to start playback if in the STOP position.
- 3** To return to normal playback, press **SHUFFLE** or **REPEAT** on the remote control until the various SHUFFLE/ REPEAT modes are no longer displayed.
- You can also press **STOP ■** to cancel your play mode.

Programming track numbers

Programme in the STOP position to select and store your disc tracks in the desired sequence. If you like, store any track more than once. Up to 20 tracks can be stored in the memory.

- 1** In the STOP position, press **PROGRAM** (**PROG** on the remote) to enter the programming mode.
- 2** Use **TITLE** / **+** **◀◀** / **▶▶** (**◀** / **▶** on the remote) to select your desired track number.
→ The selected track number and **PROG** flash on the display panel.
- 3** Press **PROGRAM** (**PROG** on the remote control) to confirm the track number to be stored.
- 4** Repeat steps **2-3** to select and store all desired tracks.
- 5** To start playback of your disc programme, press **▶II**

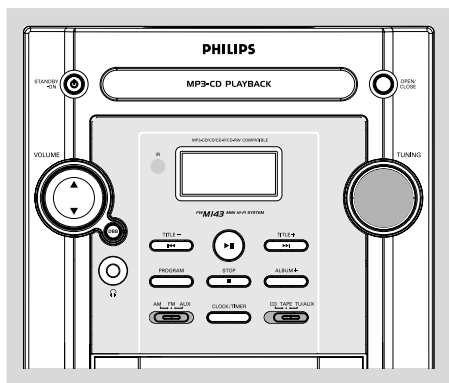
Note:

– *If you wish, you can add further tracks to your current program. Make sure you are in the STOP position, and that you have not exceeded 20 tracks.*

Erasing the programme

You can erase the programme by:

- pressing **STOP ■** once in the STOP mode;
- pressing **STOP ■** twice during playback;
- opening the CD compartment;
- selecting another sound source
→ **PROG** disappears from the display.



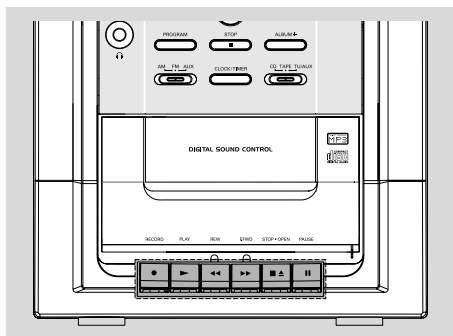
Tuning to radio stations

- 1 Adjust the source selector to select **TU/AUX**.
- 2 Adjust the mode selector to select your desired waveband: **AM** or **FM**.
→ **TUNER** is displayed.
- 3 Adjust the **TUNING** control knob to tune to a desired radio frequency.

Note:

— The system is equipped with a built-in AM antenna and a fixed FM antenna. For optimal AM reception, adjust the position of the whole set until the strongest signal is found. For optimal FM reception, fully extend and adjust the position of the FM antenna until the strongest signal is found.

Tape Operation / Recording



Tape playback

- 1 Adjust the source selector to select **TAPE** source.
→ Display: shows **TAPE** throughout tape operation.
- 2 Press **STOP•OPEN** ■ ▲ to open the tape door.
- 3 Insert a recorded tape and close the tape door.
→ Load the tape with the open side downward and the full spool to the left.
- 4 Press **PLAY** ► to start playback.
- 5 To pause, press **PAUSE** II . Press again to resume.
- 6 Press **REW** ◀◀ or **FFWD** ▶▶ to fast wind tape in either direction.
- 7 To stop the tape, press **STOP•OPEN** ■ ▲ .

Notes:

- During playback, the keys are automatically released at the end of a tape. To switch off the set, press **STANDBY-ON** ○ (POWER ○ on the remote).
- During fast forwarding/rewinding, the keys will not be released at the end of a tape. To stop fast winding, press **STOP•OPEN** ■ ▲ .

General information on recording

- Recording is permissible insofar as copyright or other rights of third parties are not infringed.
- For recording, use only **NORMAL** (IEC type I) tapes on which the tabs have not yet been broken. This deck is not suited for recording on **METAL** (IEC IV) type tapes.
- The best recording level is set automatically. Altering the **VOLUME** or **DBB** controls will not affect the recording in progress.
- The recording sound quality might differ depending on the quality of your recording source and the recording tape.
- At the very beginning and end of the tape, no recording will take place during the 7 seconds when the leader tape passes the recorder heads.
- To protect a tape from accidental erasure, have the tape in front of you and break out the left tab. Recording on this side is no longer possible. If, however, you wish to record over this side again, cover the tabs with a piece of adhesive tape.

Synchro start CD recording

- 1 Adjust the source selector to select **CD** source.
- 2 Insert a disc and if desired, programme track numbers.
- 3 Press **STOP•OPEN** ■ ▲ to open the tape door.
- 4 Insert a suitable tape into the deck and close the tape door.
- 5 Press **RECORD** ● to start recording.
→ Playing of the CD programme starts automatically from the beginning of the CD after 7 seconds. It is not necessary to start the CD player separately.

Tape Operation / Recording

To select and record a particular passage within a CD track:

- Press and hold down on **REW ◀** or **F.FWD ▶▶**. Release the control when you recognize the passage you want.
 - To interrupt CD playback press **▶II**.
 - Recording starts from this exact point in the track when you press **RECORD ●**.
- 6** To pause, press **PAUSE II**. Press again to resume.
- 7** To stop recording, press **STOP•OPEN ■ ▲**.

Recording from the radio

- 1** Tune to the desired radio station (see Tuning to radio stations).
- 2** Press **STOP•OPEN ■ ▲** to open the tape door.
- 3** Insert a suitable tape into the deck and close the tape door.
- 4** Press **RECORD ●** to start recording.
- 5** To pause, press **PAUSE II**. Press again to resume.
- 6** To stop recording, press **STOP•OPEN ■ ▲**.

External sources

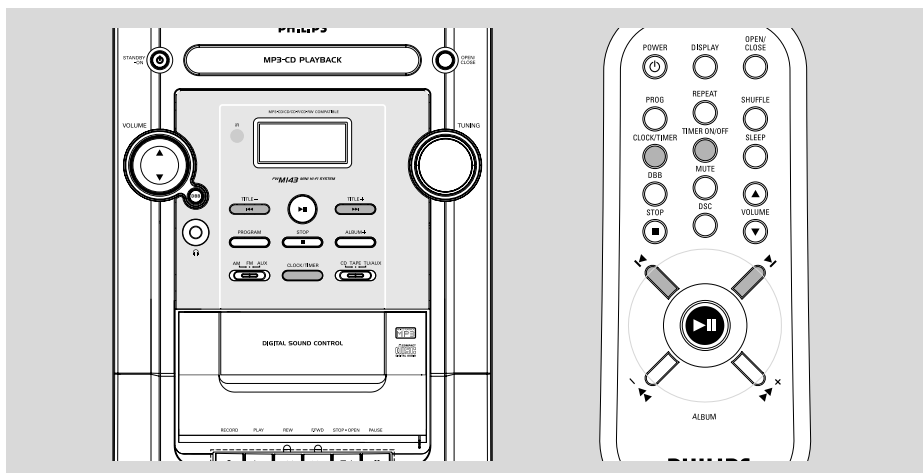
Listening to external source

- 1** Connect the audio out terminals of the external equipment (TV, VCR, Laser Disc player, DVD player or CD Recorder) to the **AUX IN** terminals of your system.
- 2** Adjust the source selector to select **TU/AUX**.
- 3** Adjust the mode selector to select **AUX**.
→ "AUX" is displayed.

Note:

- All the sound control features (DSC or DBB, for example) are available for selection.
- Refer to the operating instructions for the connected equipment for details.

For Recording, please refer to "Tape Operation/Recording".



Setting the clock

- 1 In any mode, press **CLOCK/TIMER** twice.
→ The clock digits for the hours flash.
- 2 Press **TITILE-/+ ◀▶ / ▶▶** (◀▶ on the remote) to set the hours.
- 3 Press **CLOCK/TIMER** again.
→ The clock digits for the minutes flash.
- 4 Press **TITILE-/+ ◀▶ / ▶▶** (◀▶ on the remote) to set the minutes.
- 5 Press **CLOCK/TIMER** to confirm the time.

Note:

– If the clock has not been set, 0:00 will be displayed.

Setting the timer


- The system can be used as an alarm clock. CD or TUNER can be set to switch on at a preset time. The clock time needs to be set first before the timer can be used.
- If no button is pressed within 7 seconds during timer setup, the system will exit timer setting mode automatically.

- 1 In active mode, press and hold **CLOCK/TIMER** for more than 2 seconds.
- 2 Press **TITILE-/+ ◀▶ / ▶▶** (◀▶ on the remote) to set the hours.
- 3 Press **CLOCK/TIMER** again.

→ The clock digits for the minutes flash.

- 4 Press **TITILE-/+ ◀▶ / ▶▶** (◀▶ on the remote) to set the minutes.
- 5 Press **CLOCK/TIMER** to confirm the time
→ The timer is now set and actiated.

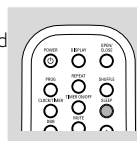
Activating and deactivating TIMER

- In standby or during playback, press **TIMER ON/OFF** once.
→ Display shows  if activated, and disappears if deactivated.

Activating and deactivating SLEEP

The sleep timer enables the system to switch off by itself after a set period of time

- Press **SLEEP** on the remote control repeatedly to select desired time before system shuts off.
→ Display shows **SLEEP** and series of time options for selection: 120, 90, 60, 45, 30, 15, OFF.



- To deactivate, press **SLEEP** on the remote control once or more until 'OFF' is shown, or press **STANDBY-ON** (POWER) on the remote).

Maintenance

Cleaning the Cabinet

- Use a soft cloth slightly moistened with a mild detergent solution. Do not use a solution containing alcohol, spirits, ammonia or abrasives.

Cleaning 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.

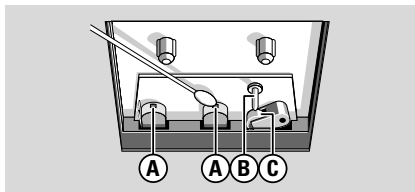


Cleaning the disc lens

- After prolonged use, dirt or dust may accumulate at the disc lens. To ensure good playback quality, clean the disc lens with Philips CD Lens Cleaner or any commercially available cleaner. Follow the instructions supplied with cleaner.

Cleaning the Heads and the Tape Paths

- To ensure good recording and playback quality, clean the heads (A), the capstan(s) (B), and pressure roller(s) (C) after every 50 hours of tape operation.
- Use a cotton swab slightly moistened with cleaning fluid or alcohol.
- You can also clean the heads by playing a cleaning tape once.



Demagnetising the heads

- Use a demagnetising tape available at your dealer.

Specifications

AMPLIFIER

Output power 2 x 20 W RMS
Signal-to-noise ratio ≥ 62 dBA (IEC)
Frequency response 63 – 16000 Hz, ± 3 dB
Impedance loudspeakers 8 Ω
Impedance headphones 32 Ω – 1000 Ω

CD PLAYER

Frequency range 63 – 16000 Hz
Signal-to-noise ratio 65 dBA

TUNER

FM wave range 87.5 – 108 MHz
AM wave range 522 – 1710 KHz

TAPE DECK

Frequency response
Normal tape (type I) 125 – 8000 Hz (8 dB)
Signal-to-noise ratio
Normal tape (type I) 35 dBA
Wow and flutter $\leq 0.4\%$ DIN

SPEAKERS

Bass reflex system
Dimensions (w x h x d) . 190 x 292 x 183 (mm)

GENERAL INFORMATION

AC Power 120 V / 60 Hz
Standby power consumption <0.8 W
Eco power standby <0.8 W
Dimensions (w x h x d) .. 220 x 292 x 285 (mm)
Weight (with/without speakers)
..... approx. 7.7 / 3.8 kg

Specifications and external appearance are subject to change without notice.

WARNING

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

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

Problem	Solution
CD OPERATION	
"No disc" is displayed.	<ul style="list-style-type: none"> – 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, see "Maintenance". – Use a finalised CD-RW, CD-R or MP3 CD.
RADIO RECEPTION	
Radio reception is poor.	<ul style="list-style-type: none"> – Increase the distance between the Micro HiFi System and your TV or VCR.
TAPE OPERATION / RECORDING	
Recording or playback cannot be made.	<ul style="list-style-type: none"> – Clean deck parts, see "Maintenance". – Use only normal (IEC I) tape for recording. – Apply a piece of adhesive tape over the missing tab space.
GENERAL	
The system does not react when buttons are pressed.	<ul style="list-style-type: none"> – Remove and reconnect the AC power plug and switch on the system again.
Sound cannot be heard or is of poor quality.	<ul style="list-style-type: none"> – Adjust the volume. – Disconnect the headphones. – Check that the speakers are connected correctly. – Check if the stripped speaker wire is clamped.
The left and right sound outputs are reversed.	<ul style="list-style-type: none"> – Check the speaker connections and location.

Troubleshooting

The remote control does not function

- Reduce the distance between the remote control and the system.
- Insert the batteries with their polarities (+/- signs) aligned as indicated.
- Replace the batteries.
- Point the remote control directly toward IR sensor on the front of the system.

The timer is not working.

- Set the clock correctly.
- Press **TIMER ON/OFF** to switch on the timer.
- If a recording is in progress, stop the recording.

The Clock/Timer setting is erased.

- Power has been interrupted or the power cord has been disconnected. Reset the clock/timer.
-

PHILIPS LIMITED WARRANTY ONE (1) YEAR

English

WARRANTY COVERAGE:

PHILIPS warranty obligation is limited to the terms set forth below.

WHO IS COVERED:

Philips warrants the product to the original purchaser or the person receiving the product as a gift against defects in materials and workmanship as based on the date of original purchase ("Warranty Period") from an Authorized Dealer. The original sales receipt showing the product name and the purchase date from an authorized retailer is considered such proof.

WHAT IS COVERED:

The Philips warranty covers new products if a defect in material or workmanship occurs and a valid claim is received by Philips within the Warranty Period. At its option, Philips will either (1) repair the product at no charge, using new or refurbished replacement parts, or (2) exchange the product with a product that is new or which has been manufactured from new, or serviceable used parts and is at least functionally equivalent or most comparable to the original product in Philips current inventory, or (3) refund the original purchase price of the product.

Philips warrants replacement products or parts provided under this warranty against defects in materials and workmanship from the date of the replacement or repair for ninety (90) days or for the remaining portion of the original product's warranty, whichever provides longer coverage for you. When a product or part is exchanged, any replacement item becomes your property and the replaced item becomes Philips' property. When a refund is given, your product becomes Philips' property.

Note: Any product sold and identified as refurbished or renewed carries a ninety (90) day limited warranty.

Replacement product can only be sent if all warranty requirements are met. Failure to follow all requirements can result in delay.

WHAT IS NOT COVERED - EXCLUSIONS AND LIMITATIONS:

This Limited Warranty applies only to the new products manufactured by or for Philips that can be identified by the trademark, trade name, or logo affixed to it. This Limited Warranty does not apply to any non-Philips hardware product or any software, even if packaged or sold with the product. Non-Philips manufacturers, suppliers, or publishers may provide a separate warranty for their own products packaged with the bundled product.

Philips is not liable for any damage to or loss of any programs, data, or other information stored on any media contained within the product, or any non-Philips product or part not covered by this warranty. Recovery or reinstallation of programs, data or other information is not covered under this Limited Warranty.

This warranty does not apply (a) to damage caused by accident, abuse, misuse, neglect, misapplication, or non-Philips product, (b) to damage caused by service performed by anyone other than Philips or Philips Authorized Service Location, (c) to a product or a part that has been modified without the written permission of

Philips, or (d) if any Philips serial number has been removed or defaced, or (e) product, accessories or consumables sold "AS IS" without warranty of any kind by including refurbished Philips product sold "AS IS" by some retailers.

This Limited Warranty does not cover:

- Shipping charges to return defective product to Philips.
- Labor charges for installation or setup of the product, adjustment of customer controls on the product, and installation or repair of antenna/signal source systems outside of the product.
- Product repair and/or part replacement because of improper installation or maintenance, connections to improper voltage supply, power line surge, lightning damage, retained images or screen markings resulting from viewing fixed stationary content for extended periods, product cosmetic appearance items due to normal wear and tear, unauthorized repair or other cause not within the control of Philips.
- Damage or claims for products not being available for use, or for lost data or lost software.
- Damage from mishandled shipments or transit accidents when returning product to Philips.
- A product that requires modification or adaptation to enable it to operate in any country other than the country for which it was designed, manufactured, approved and/or authorized, or repair of products damaged by these modifications.
- A product used for commercial or institutional purposes (including but not limited to rental purposes).
- Product lost in shipment and no signature verification receipt can be provided.
- Failure to operate per Owner's Manual.

TO OBTAIN ASSISTANCE IN THE U.S.A., PUERTO RICO, OR U.S. VIRGIN ISLANDS...

Contact Philips Customer Care Center at:
1-888-PHILIPS (1-888-744-5477)

TO OBTAIN ASSISTANCE IN CANADA...

1-800-661-6162 (French Speaking)
1-888-PHILIPS (1-888-744-5477) - (English or Spanish Speaking)

REPAIR OR REPLACEMENT AS PROVIDED UNDER THIS WARRANTY IS THE EXCLUSIVE REMEDY FOR THE CONSUMER. PHILIPS SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR BREACH OF ANY EXPRESS OR IMPLIED WARRANTY ON THIS PRODUCT. EXCEPT TO THE EXTENT PROHIBITED BY APPLICABLE LAW, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ON THIS PRODUCT IS LIMITED IN DURATION TO THE DURATION OF THIS WARRANTY.

Some states do not allow the exclusions or limitation of incidental or consequential damages, or allow limitations on how long an implied warranty lasts, so the above limitations or exclusions may not apply to you.

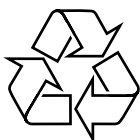
This warranty gives you specific legal rights. You may have other rights which vary from state/province to state/province.

Philips, P.O. Box 671539, Marietta, GA. 30066-0026

3121 233 48802

PHILIPS CONSUMER ELECTRONICS NORTH AMERICA
P.O. BOX 671539, Marietta, GA. 30006-0026

Meet Philips at the Internet
<http://www.philips.com/welcome>



FWM143

**CLASS 1
LASER PRODUCT**



Printed In China

PDCC-LL-0804