

MAGNAVOX

AZ 1100 Family CD Radio Cassette Recorder

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PHILIPS CONSUMER ELECTRONICS COMPANY
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Return your Warranty Registration card to ensure you receive all the benefits you're entitled to.

• Once your Magnavox purchase is registered, you're eligible to receive all the privileges of owning a Magnavox product.

• So complete and return the Warranty Registration Card enclosed with your purchase at once. And take advantage of these important benefits.

Warranty Verification	Owner Confirmation	Model Registration
Registering your product within 10 days confirms your right to maximum protection under the terms and conditions of your Magnavox warranty.	Your completed Warranty Registration Card serves as verification of ownership in the event of product theft or loss.	Returning your Warranty Registration Card right away guarantees you'll receive all the information and special offers which you qualify for as the owner of your model.

Know these *safety* symbols

CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER OR BACK, UNLESS YOU ARE QUALIFIED SERVICE PERSONNEL. INSIDE, REFER SERVING TO QUALIFIED SERVICE PERSONNEL.

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. _____

This "bolt of lightning" indicates uninsulated material within your unit may cause an electrical shock. For the safety of everyone in your household, please do not remove product covering.

The "exclamation point" calls attention to features for which you should read the enclosed literature closely to prevent operating and maintenance problems.

WARNING: TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS EQUIPMENT TO RAIN OR MOISTURE.

CAUTION: To prevent electric shock, match wide blade of plug to wide slot, and fully insert.

HAC5097

SAFETY

Canada

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.

WARNING
To reduce the risk of fire or electric shock, do not expose this appliance to rain or moisture.

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

The set complies with the FCC-Rules, Part 15 and with 21 CFR 1040.10 and 1040.11.

SAFETY INSTRUCTIONS – Read before operating equipment

This product was designed and manufactured to meet strict quality and safety standards. There are, however, some installation and operation precautions which you should be particularly aware of.

- Read Instructions** - All the safety and operating instructions should be read before the appliance is operated.
- Retain Instructions** - The safety and operating instructions should be retained for future reference.
- Read Warnings** - All warnings on the appliance and in the operating instructions should be adhered to.
- Follow Instructions** - All operating and use instructions should be followed.
- Water and Moisture** - The appliance should not be used near water - for example, near a bathtub, washbowl, kitchen sink, laundry tub, a wet basement or near a swimming pool, etc.
- Carts and Stands** - The appliance should be used only with a cart or stand recommended by the manufacturer.
- Wall or Ceiling Mounting** - The appliance should be mounted to a wall or ceiling only as recommended by the manufacturer.
- Ventilation** - The appliance should be situated so that its location or position does not interfere with its proper ventilation. For example, the appliance should not be situated on a bed, sofa, rug, or similar surface that may block the ventilation openings, or placed in a built-in installation, such as a bookcase or cabinet that may restrict the flow of air through the ventilation openings.
- Heat** - The appliance should be situated away from heat sources such as radiators, heat registers, stoves, or other appliances (including amplifiers) that produce heat.
- Power Sources** - The appliance should be connected to a power supply only of the type described in the operating instructions or as marked on the appliance.
- Grounding or Polarization** - The appliance should be plugged into that the grounding or polarization provisions that should be taken so that the grounding or polarization provisions are not defeated.
- CAUTION:** To prevent electric shock, match the wide blade of this plug to the wide slot, thoughtfully insert. Do not use that polarized plug with an extension cord, receptacle or other outlet unless the blades can be fully inserted to prevent blade exposure.
- Power Cord Protection** - Power supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords and plugs, convenience receptacles, and the point where they exit from the appliance.
- Cleaning** - The appliance should be cleaned only as recommended by the manufacturer.
- Power Lines** - An outdoor antenna should be located away from power lines.
- Noise Periods** - The power cord of the appliance should be unplugged from the outlet when left unused for a long period of time.
- Object and Liquid Entry** - Care should be taken so that objects do not fall and liquids are not spilled into the enclosure through openings.
- Damage Requiring Service** - The appliance should be serviced by qualified service personnel when:
 - The power supply cord or the plug has been damaged; or
 - Objects have fallen, or liquid has spilled into the appliance; or
 - The appliance has been exposed to rain; or
 - The appliance does not appear to operate normally or exhibits a marked change in performance; or
 - The appliance has been dropped, or the enclosure damaged.
- Servicing** - The user should not attempt to service the appliance beyond that described in the operating instructions. All other servicing should be referred to qualified service personnel.



Polarized Plug

POWER SUPPLY

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

Batteries (optional)

- Open the battery compartment and insert as shown eight batteries, type R14, or C-cells.
- Replace the compartment door, making sure the batteries are firmly and correctly in place.
- Remove the batteries if exhausted or if they will not be used again for a long period.

- The incorrect use of batteries can cause electrolyte leakage and will corrode the compartment or cause the batteries to burst. Therefore:
 - Do not mix battery types, e.g. alkaline with zinc carbonate.
 - When inserting new batteries, replace all batteries at the same time.
 - Remove the batteries if the set is not to be used for a long time.

Note: The battery supply is switched off when the set is connected to the power.

AC POWER

- Check if the power voltage as shown on the type plate (on the bottom of the set) corresponds to your local power voltage. If it does not, consult your dealer or service organizations.
- Connect the power cord to the AC MAINS outlet and the wall outlet.
 - The set is now ready to use.
- To switch off the AC power supply completely, pull the power plug out of the wall outlet.
 - Disconnect the power cord when you change over to battery supply, or to protect the set during heavy thunderstorms.

Environmental information

All redundant packaging material has been omitted. We have done our utmost to make the packaging easily separable into three mono materials: cardboard (box), expandable polystyrene (buffer) and polyethylene (bags, protective foam sheet).

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 materials, exhausted batteries and old equipment.

Both the model and production numbers can be found on the bottom of the set.

OPERATION/TUNER

GENERAL OPERATION

- To switch on the set, use the source selector (2).
- Adjust the sound using the VOLUME control (1) and DBB switch (3).
- To switch off the set, set the source selector (2) to TAPE/OFF position, with the cassette keys released.

TUNER (see [2] / [3])

- Set the source selector (2) to TUNER.
- Adjust the sound using the VOLUME control (1) and the DBB switch (3).
- Select the wave band using the FM-AM band selector (8).
- Tune to a radio station using the TUNING knob (5).
 - For FM, pull out the telescopic antenna. To improve FM-reception, incline and turn the antenna. Reduce its length if the FM-signal is too strong (very close to a transmitter).
 - For AM, the set is provided with a built-in antenna, so the telescopic antenna is not needed. Direct the antenna by turning the whole set.
 - The FM STEREO indicator (9) lights up when you are receiving a FM stereo transmitter in stereo.
- To switch off the set, set the source selector (2) to TAPE/OFF position, with the cassette keys released.

CD PLAYER

CD DISPLAY INDICATION (see [4])

- Total track number:** in stop position.
- Current track number:** during CD play.
- II** and current track number: in PAUSE mode.
- SHUFFLE/REPEAT** mode: the respective mode is activated.
- PROG:** program function is active or when you store a track.
- No display:** error in CD operation or with the CD (see Troubleshooting).

PLAYING A CD

- Set the source selector (2) to CD.
- To open the CD compartment, lift the CD door on the edge (marked LIFT TO OPEN (6)).
- Insert the audio CD, printed side facing up.
- To close the CD compartment, push the door down.
 - The CD player scans the contents of the CD and the total number of tracks is displayed.
- Press **PLAY+PAUSE ►II** (8) to start playback.
- Adjust the sound using the VOLUME control (1) and the DBB switch (3).
- To interrupt playback, press **PLAY+PAUSE ►II** (8). Press **PLAY+PAUSE ►II** (8) again to continue playback.
- Press **STOP ■** (9) to stop CD playback.
- Set the source selector (2) to TAPE/OFF position to switch off the set.
 - Note:** CD playback will also stop when:
 - the CD has reached the end;
 - the CD door is opened;
 - the source selector is in the TUNER or TAPE/OFF position.

CD PLAYER

SEARCH ◀◀ or ▶▶

Selecting a different track during playback

- You can jump to the next track by pressing **SEARCH ►►** (9) once. If you want to skip more than one track, press **SEARCH ►►** (9) more than once until the display shows the desired track number.
- If you want to repeat the running track from the beginning, press **SEARCH ◀◀** (9) once. If you want to repeat one of the previous tracks, press **SEARCH ◀◀** (9) more than once until the display shows the desired track number.

Starting with a particular track

- In the STOP position you can select a desired track using the **SEARCH ◀◀** or **►►** button (9).
- Press **PLAY+PAUSE ►II** (8) to start playback.

Searching for a passage within a track

You can search for a passage within a track. The CD is played at low volume and at high speed, however, the sound is still recognizable.

- Keep the **SEARCH ◀◀** or **►►** button (9) pressed during playback, and release the button as soon as you recognize the desired passage:
 - Normal CD playback will resume from this point.

SHUFFLE/REPEAT (see [5])

The MODE button (6) allows you to select four different modes. The modes can be selected or changed during playback.

- During playback only, press **MODE** (6) until the desired function appears on the display.
 - REPEAT 1** - Continuous playback of the current track.
 - REPEAT ALL** - Repeats the entire CD.
 - SHUFFLE** - Tracks are played in random order.
- During playback you can use **SEARCH ◀◀** or **SEARCH ►►** (9) to skip tracks.
 - The REPEAT mode can also be further combined with PROGRAM.

CASSETTE RECORDER

CASSETTE PLAYBACK

- Set the source selector (2) to TAPE.
- Press **STOP+OPEN ■▲** (5) to open the cassette holder.
- Insert a recorded cassette.
- Press **PLAY** (4) (5) and playback will start.
- Adjust the sound using the VOLUME (1), and DBB (3) controls.
 - For brief interruptions, press **PAUSE II** (6). Press **PAUSE II** (6) again to resume playback.
- By pressing **◀◀** or **►►** (9), fast winding of the tape is possible in both directions.
- To stop playback, press **STOP+OPEN ■▲** (5).
 - The keys are automatically released at the end of the tape.
- Set the source selector (2) to TAPE/OFF position (with the cassette keys released) to switch off the set.
 - The power indicator goes out.

CASSETTE RECORDING (see [6] / [7] / [8])

- General information on cassette recording**
- Recording is permissible insofar as copyright or other rights of third parties are not infringed.
 - This deck is not suited for recording on CHROME (IEC [II] or METAL [IEC IV] type cassettes. For recording you should use NORMAL type cassettes (IEC I) on which the tabs have not been broken.
 - The recording level is set automatically. Altering the VOLUME control (1), or DBB switch (3) will not affect the recording in progress.
 - No recording will take place during the first 7 seconds, when the leader tape passes the recorder heads.
 - To prevent the accidental erasure of a recording, keep the cassette side to be safeguarded in front of you and break out the left tab. Recording on this side is no longer possible.

RECORDING FROM THE RADIO

- Set the source selector (2) to TUNER.
- Tune to the desired radio station using the TUNING knob (5).
- Press **STOP+OPEN ■▲** (5) to open the cassette holder.
- Insert a blank cassette.
- Press **RECORD** (8) (5) to start recording.
- For brief interruptions, press **PAUSE II** (6). To resume recording, press **PAUSE II** (6) again.
- To stop, press **STOP+OPEN ■▲** (5).

CD SYNCHRO - RECORDING FROM THE CD PLAYER

- Set the source selector (2) to CD.
- Insert a CD and if desired, program track numbers.
- Press **STOP+OPEN ■▲** (5) to open the cassette holder.
- Insert a blank cassette.
- Press **RECORD** (8) (5) to start recording.
 - Playing of the CD program starts automatically from the beginning of the program. It is not necessary to start the CD player separately.
- For brief interruptions, press **PAUSE II** (6). To resume recording, press **PAUSE II** (6) again.
- To stop recording press **STOP+OPEN ■▲** (5).

To select and record a particular passage within a track

- Press **SEARCH** ◀◀ or ►► (9) to select a passage.
- Put the CD player in **PAUSE II** (6) position at the selected passage.
 - Recording will start from this exact point when you press **RECORD** (8) (5).

MAINTENANCE

PRECAUTIONS & GENERAL MAINTENANCE (see [8] / [9])

- Place the set on a hard, flat surface so that it does not tilt.
- Do not expose the set, CDs, batteries or cassettes to humidity, rain, sand, direct sunlight or other places where high temperatures can occur, such as in the vicinity of heating apparatus or in motor cars parked in the sun.
- Do not cover the set. The amplifier produces heat which must dissipate freely, so make sure that there is sufficient ventilation around the set. A minimum gap of 15 cm is necessary.
- The mechanical parts of the CD player and the cassette deck contain self-lubricating bearings and must not be oiled or lubricated.
- A chamois leather slightly moistened with water is sufficient for cleaning the housing. Do not use cleaning agents containing alcohol, spirits, ammonia or abrasives as these may harm the housing.

CD MAINTENANCE

- The lens of the CD player should never be touched.
- The lens may cloud over if the CD player is moved from cold to warm surroundings. The CD player will not start. Give the player some time to acclimatise.
- To take a CD out of its box, press the center spindle while lifting the CD. Always pick up the CD by the edge and replace the CD back in its box after use to avoid scratching and dust.
- 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 stickers to it.

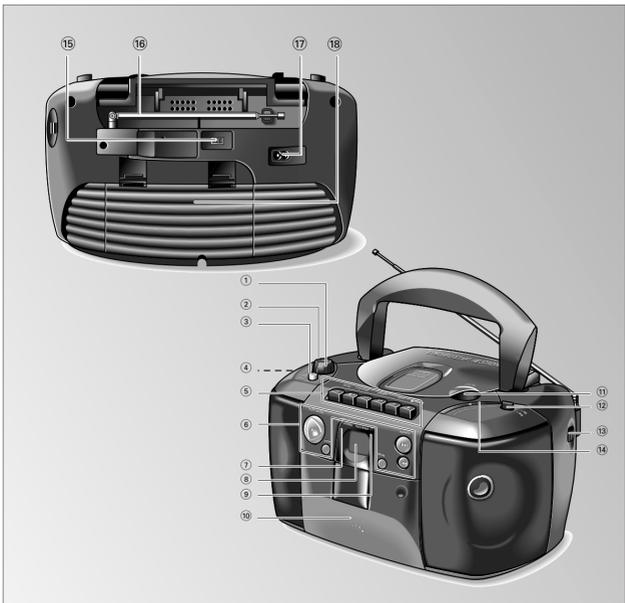
TROUBLESHOOTING

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 center.

WARNING: Under no circumstances should you try to repair the set yourself, as this would invalidate the warranty.

PROBLEM	POSSIBLE CAUSE	REMEDY
Set does not react to operation of any control.	– Electrostatic discharge.	• Switch off the set, disconnect the power plug and reconnect after a few seconds.
Display does not function properly.	– Electrostatic discharge.	• Switch off the set, disconnect the power plug and reconnect after a few seconds.
No sound.	– VOLUME is not adjusted. – Headphones are connected. – Batteries are exhausted. – Batteries are incorrectly inserted.	• Adjust the VOLUME. • Disconnect headphones. • Insert new batteries. • Insert the batteries correctly. • Connect the power cord properly.
Bad sound.	– Batteries are exhausted.	• Replace batteries.
Severe radio hum or noise.	– Set too close to TV, VCR or computer.	• Increase the distance.
Poor radio reception.	– Weak radio signal.	• FM: aim and extend the telescopic antenna for best reception. (see [2]) • AM: rotate the entire set (see [3]).
Poor cassette sound quality.	– Dust and dirt on the heads, capstan or pressure roller.	• Clean the heads etc., see Maintenance.
Recording does not work.	– Cassette tab(s) may be broken out.	• Apply a piece of adhesive tape over the missing tab space.
CD playback does not work.	– CD is badly scratched or dirty. – No CD inserted. – CD inserted upside down. – Laser lens is steamed up. – MODE pressed but no tracks selected during programming	• Replace or clean the CD, see Maintenance. • Insert CD. • Insert CD with printed side facing up. • Wait until lens has acclimatized. • Select tracks or erase program
The CD skips tracks.	– CD is damaged or dirty. – PROGRAM/SHUFFLE is active.	• Replace or clean the CD. • Switch off the PROGRAM/-SHUFFLE function.



English

- VOLUME** – to adjust the volume level
- Source selector** – POWER ON/OFF switch and to select the sound source: CD - TUNER - TAPE
- DBB** (Dynamic Bass Boost) – to increase the bass level
- 🔊** – 3.5 mm headphone socket
- Cassette keys**
 - PAUSE II** – to interrupt playback
 - STOP+OPEN ■▲** – to stop playback and open the cassette compartment
 - SEARCH ◀◀** – to fast forward the tape
 - SEARCH ►►** – to fast rewind the tape
 - PLAY** – to start playback
 - RECORD** – to start recording
- CD buttons**
 - PLAY+PAUSE ►II** – to start or interrupt CD playback
 - STOP ■** – to stop playback
 - SEARCH ◀◀** – to skip or search a passage or a track
 - REPEAT** and to program track numbers
- POWER** indicator – lights up when power supply is on
- CD display** – to indicate CD functions
- FM stereo** indicator – lights up when receiving FM STEREO
- Cassette compartment** – to open the CD door
- LIFT TO OPEN** – to select the wave band (FM-AM)
- Band selector** – to tune to radio stations
- TUNING** – to tune to radio stations
- Tuning dial pointer**

- BACK PANEL**
- BEAT CUT** switch – for eliminating possible whistle tones during AM recordings
 - Telescopic antenna** – to improve FM reception
 - AC MAINS** – for power cord
 - Battery door** – to open the battery compartment

Français

- pour régler le niveau sonore
- POWER ON/OFF et pour sélectionner la source sonore : CD-TUNER-TAPE
- pour amplifier les fréquences basses
- prise casque 3,5 mm
- Touches de la platine cassette**
- pour interrompre la lecture
- pour ouvrir le compartiment à cassette
- rembobinage rapide de la cassette vers l'avant
- rembobinage rapide de la cassette vers l'arrière
- pour démarrer la lecture
- pour commencer l'enregistrement
- Touches du lecteur de CD**
- pour démarrer ou interrompre la lecture du CD
- pour interrompre la lecture
- pour sauter ou rechercher un passage ou une plage spécifique
- pour sélectionner un mode de lecture différent (par ex.: SHUFFLE ou REPEAT) et pour programmer les numéros de plages
- s'allume lorsque l'appareil est branché sur secteur
- indique les fonctions du lecteur de CD
- s'allume lorsque l'appareil est en réception FM STEREO
- Compartiment à cassette**
- pour ouvrir le compartiment du disque
- pour sélectionner la bande de longueur d'ondes (FM-AM)
- pour sélectionner les stations radio
- Indicateur de syntonisation**

- PANNEAU ARRIÈRE**
- pour éliminer les problèmes de sifflement lors d'enregistrements en AM
- pour améliorer la réception en modulation de fréquence
- prise pour le branchement sur secteur
- compartiment à piles

Español

- para ajustar el volumen
- interruptor de POWER ON/OFF (apagado/encendido) y selector de la fuente de sonido: CD - TUNER (sintonización) - TAPE (cinta)
- Refuerzo dinámico de tonos bajos – para reforzar los tonos bajos
- zócalo de auricular de 3,5 mm
- Teclas del cassette**
- para interrumpir la reproducción
- para parar la reproducción y abrir el compartimiento del cassette
- para avanzar rápido de la cinta
- para avanzar rápido de la cinta
- para parar la reproducción
- para iniciar la grabación
- Touches du lecteur de CD**
- para iniciar o interrumpir la reproducción del CD
- para parar la reproducción
- para buscar o saltar a una parte o una pista particular
- para seleccionar un modo de reproducción distinto, por ejemplo, SHUFFLE (mezcla) o REPEAT (repetición) y programar números de pista
- está encendido cuando está conectada la corriente de la red
- para indicar las funciones de CD
- está encendido durante la recepción de FM estéreo
- Compartimiento del cassette**
- para abrir la puerta del CD
- para seleccionar la banda de onda (FM-AM)
- para sintonizar emisoras de radio
- Puntero del dial de sintonización

PANEL TRASERO

- para eliminar posibles silbidos durante grabaciones de AM
- para mejorar la recepción de FM
- enchufe para el cable de la red eléctrica
- para abrir el compartimiento de la batería

LIMITED WARRANTY

MAGNAVOX PORTABLE COMPACT DISC
One Year Free Exchange
This product must be carried in for an exchange.

WHO IS COVERED?
You must have proof of purchase to exchange the product. A sales receipt or other document showing that you purchased the product is considered proof of purchase. Attach it to this owner's manual and keep both nearby.

WHAT IS COVERED?
Warranty coverage begins the day you buy your product. It covers defects in materials or workmanship that will be replaced with a new, repaired or comparable product. It does not cover: a replacement product; a product covered only for the original warranty period. When the warranty on the original product expires, the warranty on the replacement product also expires.

WHAT IS EXCLUDED?
Your warranty does not cover:
• Color changes for installation or setup of the product, adjustment of customer controls on the product, and installation or repair of antenna systems outside of the product.
• Repair, replace and/or part replacement because of misuse, accident, unauthorized repair or other cause not within the control of Philips Consumer Electronics Company.
• 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.
• Incidental or consequential damages resulting from the product. (Some states do not allow the exclusion of incidental or consequential damages, so the above exclusion may not apply to you. This includes, but is not limited to, personal injuries, whether copyrighted or not copyrighted.)
• A product that is used for commercial or institutional purposes.

WHERE IS EXCHANGE AVAILABLE?
You may exchange the product in all countries where the product is officially distributed by Philips Consumer Electronics Company. In countries where Philips Consumer Electronics Company does not distribute the product, the local Philips service organization will attempt to provide a replacement product (although there may be a delay if the replacement product is not readily available).

BEFORE REQUESTING EXCHANGE.
Please check your owner's manual before requesting an exchange. Adjustments of the controls discussed there may save you a trip.

EXCHANGING A PRODUCT IN U.S.A., PUERTO RICO OR U.S. VIRGIN ISLANDS.
Contact your dealer to arrange an exchange. Or ship the product, insured and freight prepaid, and with proof of purchase enclosed, to one of the Philips consumer service centers listed below.

Philips Service Centers
907 Spenner Ferry Road, Plant 2, Building 6
Greenville, SC 29615-5161
(In U.S.A., Puerto Rico and U.S. Virgin Islands, all implied warranties, including implied warranties of merchantability and fitness for a particular purpose, are limited in duration to the duration of this express warranty. But, because some states do not allow limitations on how long an implied warranty may last, this limitation may not apply to you.)

EXCHANGING A PRODUCT IN CANADA.
Contact your dealer to arrange an exchange. Or ship the product, insured and freight prepaid, and with proof of purchase enclosed, to one of the Philips consumer service centers listed below.

Philips Electronics Ltd.
601 Milner Avenue, Scarborough, Ontario, M1B 1Y8
(416) 292-5161
4977 Ley Street, St. Laurent, Quebec, H4R 2N9
(514) 956-0120
1741 Boundary Road, Vancouver, B.C., V5M 3J7
(604) 294-3441
(In Canada, this warranty is given in lieu of all other warranties. No other warranties are expressed or implied, including any implied warranties of merchantability or fitness for a particular purpose. Philips is not liable under any circumstances for any direct, indirect, special, incidental or consequential damages, however incurred, even if notified of the possibility of such damages.)

TO GET OUT-OF-WARRANTY EXCHANGE.
In U.S.A., Puerto Rico or U.S. Virgin Islands, contact Philips Service Company at (800) 851-8885 to obtain the cost of out-of-warranty exchange. Then carefully pack the product and ship it to the Small Product Service Center (address listed above). In Canada, contact the nearest Philips Service Company at (800) 851-8885 to obtain the cost of out-of-warranty exchange. Then carefully pack the product and ship it to that service center.

REMEMBER.
Please record the model and serial numbers found on the product below. Also, please fill out and mail your warranty registration card promptly. It will be easier for us to notify you if necessary.

MODEL # _____
SERIAL # _____

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

Philips Service Company, P.O. Box 555, Jefferson City, Tennessee 37760, (423) 475-8869

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