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CLASS 1 LASER PRODUCT



Return your Warranty Registration Card today to ensure you receive all the benefits you're entitled

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

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 verificaton of ownership in the event of product theft or loss.



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

Smart.Very smart:

Dear MAGNAVOX product owner

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

As a member of the MAGNAVOX '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.

And 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 MAGNAVOX product.

Sincerely.

Bobert Minkhorst

President and Chief Executive Officer

P.S.Remember, to get the most from your MAGNAVOX product, you must return your Warranty Registration Card within 10 days. So please mail it to us right now!

Model Registration

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



A 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.

 Δ The 'exclamation point' calls attention to features for which you should read the enclosed literature closely to prevent operating and mainténance 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.

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.

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

WHO IS COVERED?

English

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 the receipt to this owner's manual and keep both nearby.

WHAT IS COVERED?

Warranty coverage begins the day you buy your product. For one year thereafter, a defective or inoperative product will be replaced with a new, renewed or comparable product at no charge to you. A replacement product is 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:

- labor charges 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.
- product repair and/or part replacement because of misuse, accident, unauthorized repair, or other cause not within the control of Philips Consumer Electronics Company.
- reception problems caused by signal conditions or cable or antenna systems outside the unit.
- 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, prerecorded material, whether copyrighted or not copyrighted.)

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 appropriate product 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 the address listed below.

> Small Product Service Center Philips Service Company 907 Snapps Ferry Road, Plant 2, Building 6 Greeneville, TN 37743

(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 1M8 - 1 (416) 292-5161

4977 Levy Street, St. Laurent, (Montréal), Québec, H4R 2N9 - 🏗 (514) 956-0120

3695 Grandview Highway, Vancouver, B.C., V5M 2G7 - 🕿 (604) 435-4411

(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, howsoever 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 **1** (800) 851-8885 to obtain the cost of outof-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 consumer service center (phone number and address listed above) to obtain the cost of outof-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 it is necessary.

Model #

Serial #

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

> Philips Service Company 401 East Andrew Johnson Highway Jefferson City, Tennessee 37760 27 (615) 475-8869

SAFETY

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.

Con 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. English

The set complies with the FCC-Rules, Part 15 and with 21 CFR 1010.10 and 1010.11.

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 your future reference.
- Heed 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, or in a wet basement or near a swimming pool, etc.
- Carts and Stands The appliance should be used only with a cart or stand that is recommended by the manufacturer.



An appliance and cart combination should be moved with care. Any quick stops, excessive force, and uneven surfaces may cause the appliance and cart combination to overturn.

- '7. Wall or Ceiling Mounting The appliance should be mounted to a wall or ceiling only as recommended by the manufacturer.
- 8. 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 impede 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 any other appliances (including amplifiers) that produce heat.
- Power Sources The appliance should be connected to a power supply that is described in the operating instructions or as marked on the appliance.

11. Grounding or Polarization The precautions that should be taken so that the grounding or polarization means of an appliance is not defeated.



Caution: To prevent electric shock, match the wide blade of this plug to the wide slot and fully insert. Do not use this (polarized) plug with an extension cord, receptacle or other outlet unless the blades can be fully inserted to prevent blade exposure.

- 12. 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.
- 13. Cleaning The appliance should be cleaned only as recommended by the manufacturer.
- 14. Power Lines An outdoor antenna should be located away from power lines.
- Nonuse Periods The power cord of the appliance should be unplugged from the outlet when left unused for a long period of time.
- 16. 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:
 - A. The powersupply cord or the plug has been damaged; or
 - B. Objects have fallen, or liquid has spilled into the appliance; or
 - C. The appliance has been exposed to rain; or
 - D. The appliance does not appear to operate normally or exhibits a marked change in performance; or
 - E. The appliance has been dropped, or the enclosure damaged.
- 18. Servicing The user should not attempt to service the appliance beyond that described in the operating instructions. All other servicing should be referred to a qualified service personnel.

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1. GENERAL

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RECYCLING

Please observe the local regulations regarding the disposal of packing materials, exhausted batteries and old equipment.

- All redundant packaging material has been omitted. We have done our utmost to make the packaging easy separable into three mono-materials:
 - cardboard (box)
 - expandable polystyrene (buffer)
 - polyethylene (bags, protective foam sheet)
- Your set consists of materials which can be recycled if disassembled by a specialized company.
- Do not dispose of exhausted batteries with your household waste.

The type plate is located on the base of the set

Recording is permissible insofar as copyright or other rights of third parties are not infringed.

2. SUPPLY

SUPPLY

Battery supply

 Open the battery compartment and insert as indicated six batteries, type R20, UM1 or Dcells.



• Remove the batteries if exhausted or if they will not be used again for a long period. The battery supply is switched off when the set is connected to the power. To change over to battery supply, pull out the plug from the POWER outlet (1).

Mains supply

 Check if the power voltage as shown on the type plate (on the base of the set) corresponds with your local power voltage. If it does not, consult your dealer or service organization.
 If the set is equipped with a VOLTAGE

selector (2), set this selector to the local power voltage.

- Connect the power cord to the POWER outlet (1) and the wall outlet. The mains supply is switched on.
- To disconnect the set from the power completely, withdraw the power plug from the wall outlet.

3. CONTROLS and CONNECTIONS



TOP AND FRONT PANEL

- (1) **G** stereo headphone outlet
- DECK 1 cassette deck 1 keyboard (recording/playback): **RECORD** • PLAY ► REWIND - fast rewind F.FWD - fast forward
 - STOP PAUSE II
- (3) VOLUME control
- DYNAMIC BASS BOOST press _ to boost the bass response
- (5) HI SPEED DUBBING press _ to copy a cassette at high speed
- (6) POWER ON to select the sound source TAPE/OFF - RADIO - CD
- (7) BAND selector to select the wave band
- (a) TUNING knob
- (9) CD buttons and display
- HA PREVIOUS/NEXT HH:
 - in position playback or STOP, press briefly to jump to a previous I or next ➡ track
 - during playback, keep pressed to search fast backward He or forward He

PROGRAM - press briefly to programme the displayed track number press longer than 1 second to display all stored track numbers

MODE - press many times until the required function appears in the display:

- SHUFFLE play all tracks in a random _ order
- SHUFFLE REPEAT continuously repeat the CD in the SHUFFLE mode
- **REPEAT ALL (PROGRAM)** continuously repeat the CD (or the stored selection -PROGRAM)
- _ **REPEAT 1** continuously repeat 1 title DISPLAY
- TRACK the total number of tracks, and during playback the number of the track being played
- MIN/SEC the total playing time of the CD, and during PLAY the elapsed time of that track

OPEN-CLOSE - to open the CD door PLAY-PAUSE ► play and pause button STOP ■ button

- 10 DECK 2 cassette deck 2 keyboard (playback only): PLAY >
 - REWIND fast rewind F.FWD >> - fast forward STOP PAUSE II

STEREO HEADPHONE SOCKET A (1)

You can connect stereo headphones having a 3.5 mm plug to the outlet G (1). Inserting the plug will disconnect the speakers.

4. BACK PANEL

5. RADIO

BACK PANEL

English

- (1) AC POWER outlet for power cord
- VOLTAGE selector (not on all versions)
- BATTERIES battery compartment
- MIC outlet for external microphone



MICROPHONE OUTLET (1) (on the back)

For recording, you can connect a mono microphone having a 3.5 mm plug to the MIC outlet (1), see CASSETTE RECORDING.

RADIO RECEPTION

- Set the POWER ON selector 6 to RADIO.
- Adjust the sound using the controls VOLUME (3) and DYNAMIC BASS BOOST (4).
- Select the wave band using BAND selector ①.
 - (LW and SW not on all versions)
- Tune to a radio station using the TUNING knob (a).
 - 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/MW and LW, the set is provided with a built-in antenna, so the telescopic antenna is not needed. Direct the aerial by turning the whole set.
 - For SW, the telescopic antenna must be pulled out and placed in the vertical position. To improve reception, vary the length of the antenna.
- The set is switched off when the POWER ON selector () is in position TAPE/OFF and the recorder buttons are released.

CD HANDLING AND MAINTENANCE

- Use only Digital Audio CDs.
- To take the CD out of its box easily, press the center spindle while lifting the CD.





- Never write on a CD or attach any sticker to the CD.
- Always hold the CD at the edge and always store it in its box after use, label facing up.



• To remove dust and dirt, breathe on the CD and wipe

it with a soft, lint-free cloth in a straight line from the center towards the edge. Cleaning agents may damage the CD!

 Do not expose the CD to rain, moisture, sand, or to excessive heat e.g. from heating equipment or in motor cars parked in the sun.

PLAYING A CD

- Set the POWER ON selector (6) to CD.
- Press OPEN-CLOSE to open the CD door.
- Insert the AUDIO CD, printed side facing up.
- Close the door. The CD-player starts and scans the contents list of the CD.

After that, the total playing time and the

number of tracks appear on the display and the CD-player stops.

 Playback will start by pressing PLAY . As soon as playback starts, the display shows the track

number and the elapsed playing time.

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58:23

- Adjust the sound using the controls VOLUME ③ and DYNAMIC BASS BOOST ④.
- For brief interruptions, press PLAY-PAUSE
 The word PAUSE

then appears. To continue playback, press PLAY-PAUSE ► again.

- To stop playback, press STOP ■. The CD player also goes to position STOP:
 - by pressing OPEN CLOSE ;
 - when the end of the CD is reached;
 - if you move the POWER ON selector (6);
 - if the batteries run down or if the power supply is interrupted.
- To take out the CD, open the CD door by pressing OPEN CLOSE. Open the CD door only if the CD-player is in position STOP.
- The set is switched off when the POWER ON selector () is in position TAPE/OFF and the recorder buttons are released.

MODE (SHUFFLE and REPEAT)

By pressing the MODE button several times, all play modes will successively appear on the display:

- 1 x SHUFFLE to play all tracks in a random order;
- 2 x SHUFFLE REPEAT to repeat the CD continuously in a random order;
- 3 x REPEAT ALL to repeat the CD (or the programmed selection PROGRAM) continuously;
- 4 x REPEAT 1 to repeat the actual title continuously.
- 5 x normal (no indication) to defeat the SHUFFLE and REPEAT modes.

To defeat the REPEAT and SHUFFLE modes, choose the normal position (no display indication).



HA PREVIOUS/NEXT HA

By pressing *briefly* the NEXT or PREVIOUS button, you can jump to a next or previous title, or you can select a track before starting playback.

a. During PLAY

NEXT → - go to the next track (title) You can jump to the next title by pressing NEXT → once.

If you want to skip more than one track, press NEXT is more than once until the display shows the desired track number.

PREVIOUS I - go to the previous track (title)

If you want to repeat the running title from the beginning, press PREVIOUS H4 once. If you want to repeat one of the previous titles, press PREVIOUS H4 more than once until the display shows the required track number.

b. In position STOP

In position STOP with a CD inserted you can select the desired title using PREVIOUS i or NEXT → until the display shows the required track number. Press PLAY ► to start playback.

SEARCH FORWARD +>+ / BACKWARD +++

By *keeping pressed* the NEXT or PREVIOUS button *during playback*, you can search for a particular passage within a track. The CD is played partly and at high speed, however, the sound is still recognizable.

- During playback, keep NEXT I for search forward and PREVIOUS I for search backward pressed.
- Release the button as soon as you recognize the required passage: the CD will be played in the normal way from this passage. If the button is pressed longer than 5 seconds, the search speed increases.

PROGRAMMING TRACK NUMBERS

You may select a number of tracks and store these in the memory in the desired sequence. You may store any track more than once. When playing, you will only hear the stored titles in the selected sequence. At most, 20 tracks can be stored in the memory. When the memory is full, the character \mathcal{F} (FULL) appears.

Manual selecting

- Load the CD, but do not press PLAY ➤ yet.
- Store this track by pressing PROGRAM; the character P appears, indicating that the track has been stored.
- · Select and store in this way all desired titles.

Storing during PLAY

• During normal PLAY you may store the running title by pressing PROGRAM; the character *P* appears, indicating that the track has been stored.

Checking the program

 From the STOP-position, keep the PROG button pressed: the display shows in sequence all programmed track numbers.

Erasing a program

- You can erase the contents of the memory:
- by pressing STOP twice: the character *C* for CLEAR appears;
- by opening the CD door using OPEN CLOSE ;
- if you move the POWER ON selector (6);
- if the batteries get exhausted or if the power supply is interrupted.

How to play the stored selection

- To play your selection, the CD-player should be in position STOP; then press PLAY >: now, the word PROGRAM appears.
- To repeat the selection continuously, choose the mode REPEAT ALL.
- Playing the selection in the SHUFFLE or SHUFFLE REPEAT mode is not possible.

7. CASSETTE DECK

COMPACT CASSETTES

- For recording, use a NORMAL cassette (IEC type I) on which the tabs are not broken out. This deck is not suited for recording on CHROME (IEC II) or METAL (IEC IV) cassettes.
- For playback, any cassette type may be inserted.
- 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 prevent the accidental erasure of a recording, keep the cassette side to be

keep the cassette side to be safeguarded in front of you and break out the left tab. Now, recording on this side is no longer possible.



To render this safeguard ineffective, cover the aperture with a piece of adhesive tape.

 Do not expose the cassettes to rain, moisture, sand, or to excessive heat e.g. from heating equipment or in motor cars parked in the sun.

CASSETTE RECORDING (on deck 1 only)

Preparation

During recording, the deck 2 buttons should not be pressed (except for PLAY ► during dubbing).

- On deck 1, press STOP
 to open the cassette holder.
- Insert the cassette into deck 1.
- When monitoring during recording, adjust the sound using the controls VOLUME (3) and DYNAMIC BASS BOOST
 (4). These controls do not affect the recording.



CD synchro start - recording from the CDplayer

- Set the POWER ON selector (e) to CD. It's not necessary to start the CD-player separately: by pressing RECORD ● the CDplayer starts automatically:
- if the CD-player is in position STOP, recording will start from the beginning of the CD (or from the beginning of the programmed selection);
- if the CD-player is in position PAUSE, recording will start from this position.

Recording from the radio

Set the POWER ON selector (6) to RADIO.

Microphone recording

- Set the POWER ON selector (6) to TAPE.
- Set the HI SPEED DUBBING button (5) to _____ normal speed
- Do not press this button during recording
- Connect a mono microphone having a 3.5 mm plug to the MIC outlet (i) (on the back).
- Set the VOLUME control (3) to MIN. (monitoring during microphone recordings is not possible).

Starting and stopping the recording

- Start recording by pressing RECORD ●.
- For brief interruptions, press PAUSE II. To restart recording, press this button once more.
- To stop recording, press STOP ■. On pressing again, the cassette holder will open.
- The set is switched off when the POWER ON selector () is in position TAPE/OFF and the recorder buttons are released.

DUBBING - Copying from deck 2 to 1

When copying, it is recommended to use fresh batteries or to connect the set to the power supply.

- Set the POWER ON selector (a) to TAPE. Do not move this selector during dubbing.
- Set the HI SPEED DUBBING button (5) to:
 ______ for normal speed copying;
 - _____ for high speed copying
 _____ for high speed copying.
- Do not press this button during dubbing.
 Press both STOP buttons and insert a recorded cassette into deck 2 and a cassette
- which is suited for recording into deck 1.
 Press on deck 1 PAUSE II and then RECORD
- The start dukking proce DIAX and dark 2
- To start dubbing, press PLAY > on deck 2.
 PAUSE II is then released.
- By pressing PAUSE II on deck 1, you can omit undesired passages while deck 2 continues. To restart copying, press PAUSE II once more.
- Using PAUSE II of deck 2, deck 1 will record a blank part.
- To stop dubbing, press both STOP buttons; the set is then switched off.



CASSETTE PLAYBACK

Playback on deck 1 or 2

Deck 1 will not play if the PLAY ► button on deck 2 is pressed.

- Set the POWER ON selector (6) to TAPE.
- Press STOP
 to open the cassette holder.
- Insert a recorded cassette.
- Press PLAY > and playback will start.
- Adjust the sound using the controls VOLUME (3) and DYNAMIC BASS BOOST (4).
- To stop, press STOP ■; the set is then switched off.

On pressing again, the cassette holder will open.

When the end of the tape is reached, the recorder buttons are released.

CONTINUOUS PLAY - deck 2 followed by deck 1

- Set the POWER ON selector (6) to TAPE.
- Press both STOP
 buttons and insert a recorded cassette into both decks.
- Press on deck 2 PLAY > and on deck 1 PAUSE II and PLAY >: deck 2 will play and deck 1 stands still. As soon as deck 2 stops (at the end of the

cassette or when its STOP ■ button is pressed), PAUSE II is released and deck 1 will start playing back.

 To stop, press STOP ■; the set is then switched off.

GENERAL

- The mechanical parts of the CD player and the cassette decks 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 as these may harm the housing.
- Do not leave the set, batteries, CDs or cassettes for any length of time in direct sunlight or other places where high temperatures can occur, such as in the vicinity of heating apparatus.
- Do not expose the set, batteries, CDs or cassettes to humidity or rain.

CD-PLAYER MAINTENANCE



 The lens may cloud over if the CD player is moved from cold to warm surroundings. The CD player will not start. Do not clean the lens, but give the player some time to acclimatise.

CASSETTE DECK MAINTENANCE

To ensure a good recording and playback quality, clean the indicated parts (ABC) after every 50 hours of operation or, on average, once a month.

- Open the cassette holder using STOP ■.
- Use a cotton bud slightly moistened with alcohol or a special head cleaning fluid.
- Press PLAY ▶ and clean the rubber pressure rollers ⓒ.
- Then press PAUSE II and clean the capstans (B) and the heads (A).
- After cleaning, press STOP ■.



• Cleaning of the heads (A) can also be done by playing a cleaning cassette through once.

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9. TROUBLESHOOTING

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 guarantee.

PROBLEM

- POSSIBLE CAUSE
- REMEDY

No sound

- VOLUME is not adjusted
- Adjust the VOLUME
- Headphones are connected
- Disconnect headphones
- Batteries are exhausted
- Insert fresh batteries
- Batteries are incorrectly inserted
- Insert the batteries correctly
- Power cord is not securely connected
- · Connect the power cord properly

Poor radio reception

- Weak radio antenna signal
- Aim the antenna for best reception:
 - FM: incline and rotate telescopic antenna
 - AM (MW/LW): rotate the entire set
 - SW: extend telescopic antenna vertically
- Interference caused by the vicinity of electrical equipment like TVs, video recorders, computers, thermostats, fluorescent lamps (TL), engines etc.
- Keep the radio away from electrical equipment

NO DISC or ERROR indication

- CD is badly scratched or dirty
- · Replace or clean the CD, see Maintenance
- No CD inserted
- Insert CD
- CD inserted upside down
- Insert CD with printed side facing up
- Laser lens is steamed up
- · Wait until lens has acclimatized

The CD skips tracks

- CD is damaged or dirty
- Replace or clean the CD
- SHUFFLE or PROGRAM is active
- Switch off SHUFFLE or PROGRAM play

Poor cassette sound quality

- Dust and dirt on the heads, capstan or pressure roller
- Clean the heads, capstan and pressure roller, see Maintenance

Recording does not work

- Cassette tab(s) may be broken out
- Apply a piece of adhesive tape over the missing tab space

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Notes

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