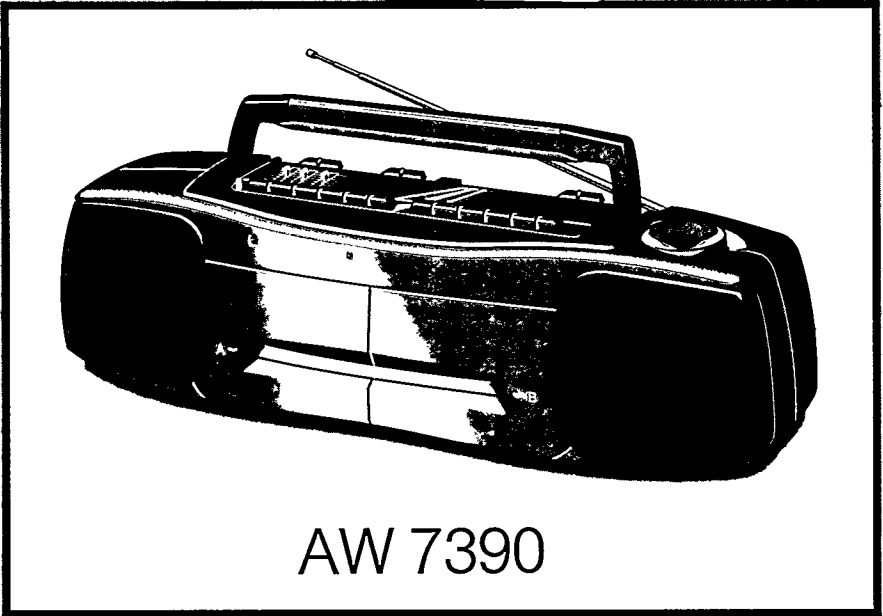


MAGNAVOX



AW 7390

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AM/FM Stereo Radio/Dual Deck Cassette Recorder

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# WARNING

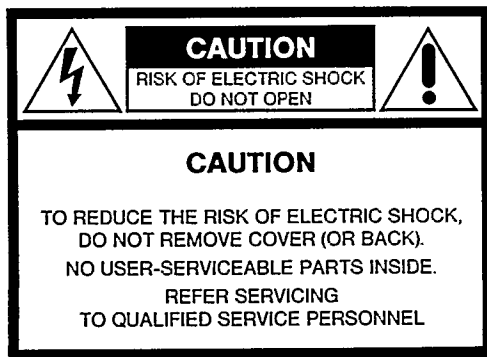
**TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.**

The Model and Serial Number will be found on the type plate on the base of the set. Please record the Model and Serial Number in the space provided below.

MODEL  
NUMBER:

SERIAL  
NUMBER:

This set complies with the FCC-Rules, Part 15



This symbol is intended to alert the user of the presence of uninsulated 'dangerous voltage' within the product's enclosure, that may be of sufficient magnitude to constitute a risk of electric shock to persons.



This symbol is intended to alert the user of the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

# Operating Instructions

## SUPPLY

### Battery supply

- Open the battery compartment (fig. 2) and insert as indicated six D-cells.
- 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 MAINS jack.

### 120 V AC power supply

- This set is suited for 120 V, 60 Hz AC.
- Connect the power cord to the MAINS jack and the wall outlet. The power supply is now switched on.
- To disconnect the set from the power completely, withdraw the power plug from the wall outlet.

## RADIO RECEPTION




- Set the FUNCTION selector to **RADIO ON**.
- Adjust the sound with the controls VOLUME and GRAPHIC EQUALIZER.

You may connect stereo headphones with 3.5 mm plug to jack  PHONES. The speakers are then muted.

- Select the wave band using BAND selector.
  - Tune to a radio station using TUNING knob.
- 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 there is no need to use the telescopic antenna. The antenna can be directed by turning the whole set.
- When the FM STEREO indicator lights up, you are receiving a FM-stereo transmitter. A disturbing noise, due to a weak FM-stereo signal, can be suppressed by setting the BAND selector to FM MONO. The FM STEREO indicator will then go out and you will hear (*and record*) the FM program in mono.
  - The set is switched off if FUNCTION selector is in position **TAPE** or **RADIO OFF** and the recorder buttons are released.

## CASSETTE RECORDER

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

**Fastwinding:** Press  or . To stop, press STOP .

**Safeguarding against erasure:** Keep the cassette side to be safeguarded in front of you (fig. 4) and break out the left tab. Now, recording on this side is no longer possible.

## LIMITED WARRANTY

### PORTABLE AUDIO

#### ● 90-Day Carry-In

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

#### During First 90 Days

For the first Ninety (90) days from the date of purchase, your Portable Product will be replaced with a new, renewed or comparable product (whichever is deemed necessary) if it becomes defective or inoperative. This is done without charge to you.

Replacement products are warranted for the balance of the original warranty period.

#### Who is Protected? ... Where?

This warranty is extended to the original retail purchaser for products purchased and used in the U.S.A., Puerto Rico and the Virgin Islands.

#### What the Purchaser Must Do

Before you call for service, check your operating instruction booklet. A slight adjustment of the customer controls discussed in your instruction booklet may save you a service call.

If you require service during the warranty period, you must take your Portable Product to the dealer from whom it was purchased, or carefully pack the product and ship it by prepaid transportation with proof of the purchase date to the Small Products Service Center\*, address listed below.

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. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.

#### Product Services Operation

Philips Consumer Electronics Company

P.O. Box 555 - Jefferson City, Tennessee TN 37760

☎ (615) 475-0317

#### How To Get Service On Your Portable Product After The 90-Day Warranty Expires

Out-of-warranty service can be obtained at a nominal cost for replacement and handling under the following arrangements:

1. Contact the Product Services Operation Office listed above to obtain the cost of out-of-warranty repair for your model product.
2. Pack your product securely in a suitable container for shipment.
3. Mail the product to the Small Products Service Center\* listed below.
4. When your product is received, it will be replaced by a renewed product which meets Philips' high quality standards and shipped back to you by prepaid transportation.

#### \* Small Products Service Center:

Philips Consumer Electronics Company

907 Snapp Ferry Road, Plant 2, Building 6

Greeneville, Tennessee TN 37743

☎ (615) 636-5863

EL 3718-4

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## Philips Consumer Electronics Company

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## SAFETY INSTRUCTIONS

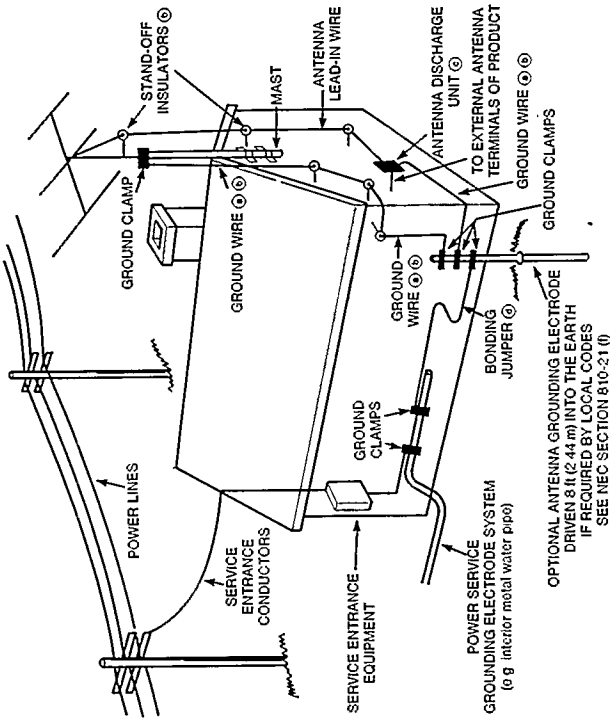
### Read before operating equipment

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.

1. **Read Instructions** - All the safety and operating instructions should be read before the appliance is operated.
2. **Relain Instructions** - The safety and operating instructions should be retained for future reference.
3. **Read Warnings** - All warnings on the appliance and in the operating instructions should be adhered to.
4. **Follow Instructions** - All operating and use instructions should be followed.
5. **Water and Moisture** - The appliance should not be used near water - for example, near a bathtub, washbowl, kitchen sink, laundry tub, in a wet basement or near a swimming pool, etc.
6. **Carts and Stands** - The appliance should be used only with a cart or stand that is recommended by the manufacturer.
  - 6A. An appliance and cart combination should be moved with care. 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.
9. **Heat** - The appliance should be situated away from heat sources such as radiators, heat registers, stoves, or other appliances (including amplifiers) that produce heat.
10. **Power Sources** - The appliance should be connected to a power supply only of the type marked on the appliance. The precautions that should be taken so that the grounding or polarization means of an appliance is not defeated.
11. **Grounding or Polarization** - The precautions that should be taken so that the grounding or polarization means of an appliance is not defeated.
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.
15. **Outdoor Antenna Grounding** - If an outside antenna is connected to the receiver, be sure the antenna system is grounded so as to provide some protection against voltage surges and built up static charges.
- Section 810 of the National Electric Code, ANSI/NFPA No. 70-1984, provides information with respect to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge unit, size of grounding connectors, location of antenna-discharge unit, connection to grounding electrodes, and requirements for the grounding electrode. See Fig. A.
16. **Nonuse Periods** - The power cord of the appliance should be unplugged from the outlet when left unused for a long period of time.
17. **Object and Liquid Entry** - Care should be taken so that objects do not fall and liquids are not spilled into the enclosure through openings.
18. **Damage Requiring Service** - The appliance should be serviced by qualified service personnel when:
  - A. The power-supply 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.
19. **Service** - 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.

FIG. A

## EXAMPLE OF ANTENNA GROUNDING ACCORDING TO THE NATIONAL ELECTRIC CODE INSTRUCTIONS CONTAINED IN ARTICLE 810 - 'RADIO AND TELEVISION EQUIPMENT'



- (a) Use No. 10 AWG (5.3 mm<sup>2</sup>) copper, No. 8 AWG (6.4 mm<sup>2</sup>) aluminum, No. 17 AWG (1.0 mm<sup>2</sup>) copper-clad steel or bronze wire, or larger, ground wire.
- (b) Secure the antenna lead-in and ground wires to the house with stand-off insulators spaced from 4-6 feet (1.22-1.83 m) apart.
- (c) Mount the antenna discharge unit as close as possible to where the lead-in wire enters the house.
- (d) Use jumper wire not smaller than No. 6 AWG (13.3 mm<sup>2</sup>) copper, or the equivalent, when a separate antenna-grounding electrode is used. See NEC Section 810-21 (j).

## NOTE TO THE CATV SYSTEM INSTALLER:

This reminder is provided to call the CATV system installer's attention to Article 820-22 of the NEC that provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building, as close to the point of cable entry as practical.



AC POLARIZED PLUG

## CASSETTE PLAYBACK

### Playback on deck B or A

- Set FUNCTION selector to **TAPE NORMAL**.
- Press EJECT ■ and insert a recorded cassette (fig. 3).
- Adjust the sound with the controls VOLUME and GRAPHIC EQUALIZER.

You may connect stereo headphones with 3.5 mm plug to jack PHONES. The speakers are then muted.

- For deck A playback, set REVERSE selector to:
  - ☐ no reverse - to play one cassette side.
  - ◀ single reverse - to play both cassette sides once.
  - ↻ continuous reverse - for non-stop playback.
- Press PLAY ◀ and playback will start.

On deck A, you can reverse the play direction at any moment by pressing DIRECTION ◀▶. The indicators PLAY DIRECTION ✱ show the deck A play direction.

- To stop playback, press STOP ■. The set is then switched off.

At the end of the tape, the recorder buttons are released (except for non-stop play on deck A).

### Continuous play (deck A + B)

Deck A plays both cassette sides and at the end of the cassette deck B will start playing.

- Set FUNCTION selector to **TAPE NORMAL**.
- Press both EJECT buttons ■ and insert a recorded cassette into both decks (fig. 3).
- Set the deck A REVERSE selector to ◀ to play both cassette sides once.
- Press on deck A PLAY ◀ and playback will start.
- Press on deck B PAUSE II and PLAY ◀. As soon as deck A stops (at the end of the cassette or when its STOP button ■ is pressed), PAUSE II is released and deck B will start playing.
- To stop playback, press STOP ■. The set is then switched off.

## RECORDING (on deck B only)

### Preparation

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

- Press EJECT ■ to open the cassette holder.
  - Insert the cassette into deck B (fig. 3).
- For recording you must use a NORMAL cassette (IEC I) on which the tabs (fig. 4) are not broken out.

At the very beginning of the tape, no recording will take place during the first 7 seconds when the leader tape passes the recorder heads.

- When monitoring during recording, adjust the sound with the controls VOLUME and GRAPHIC EQUALIZER. These controls do not affect the recording.

### Recording from the radio

- Set the FUNCTION selector to **RADIO ON**.
- In case of FM radio recordings, set BAND to the desired position (FM MONO or FM STEREO).

### Mono recording from the built-in MICROPHONE

- Set the FUNCTION selector to **MIC**.
- Set the VOLUME control to minimum (during microphone recordings, monitoring is not possible).

### Starting and stopping

- Start recording by pressing RECORD ●; in doing so, PLAY ◀ is pressed too.
- 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 if FUNCTION selector is in position **TAPE** or **RADIO OFF** and the recorder buttons are released.

### DUBBING - Copying from deck A to B

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

- Set the FUNCTION selector to:
    - NORMAL** for normal speed copying;
    - HIGH** for high speed copying.
- Do not switch this selector during dubbing.
- Press both EJECT buttons ■ and insert a recorded cassette into deck A and a cassette which is suited for recording into deck B (fig. 3).
  - For deck A, select the required play direction using DIRECTION button ◀▶.
  - Dubbing will start by pressing at the same time on deck A PLAY ◀ and on deck B RECORD ●.
  - By pressing PAUSE II on deck B, you can omit undesired passages while deck A continues. To restart copying, press PAUSE II once more.
  - Using PAUSE II of deck A, deck B will record a blank part.
  - To stop dubbing, press both STOP buttons ■. The set is then switched off.

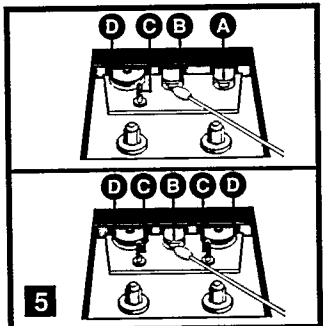
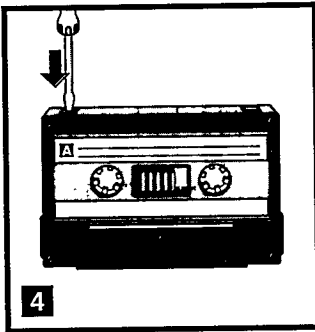
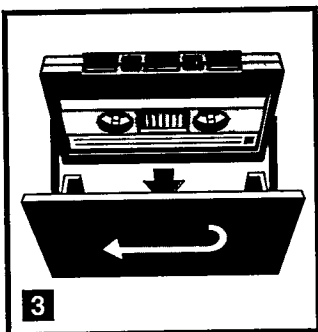
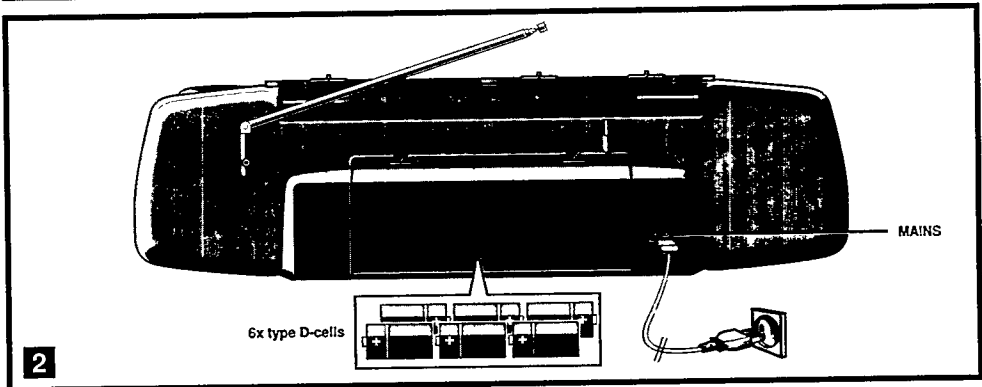
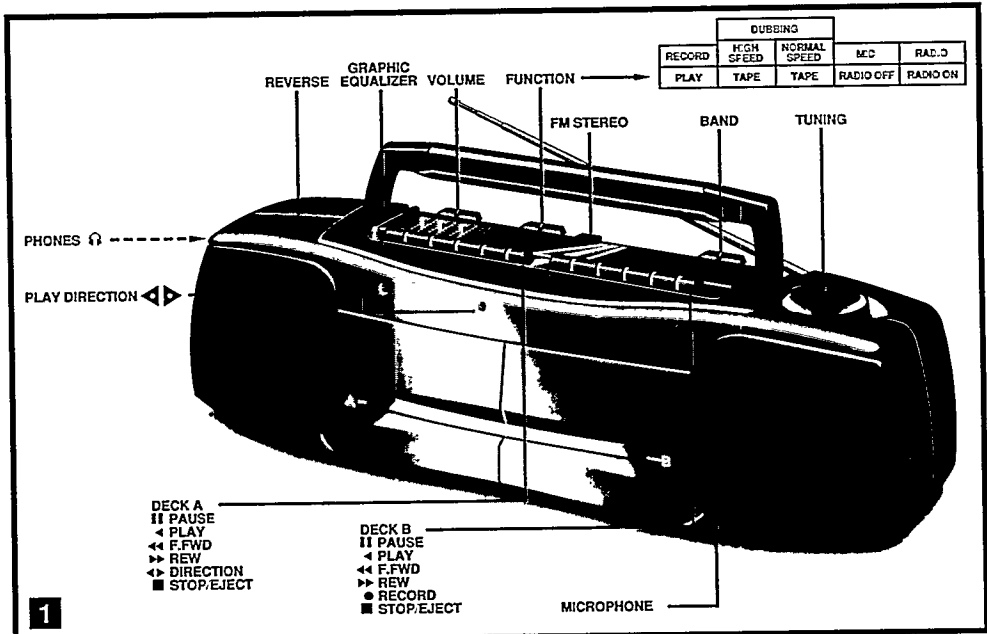
## MAINTENANCE

To ensure a good recording and playback quality, clean the parts indicated in fig. 5 after every 50 hours of operation or, on average, once a month.

- Open the cassette holder by pressing EJECT ■.
- Use a cotton swab slightly moistened with alcohol or a special head cleaning fluid.
- Press PLAY ◀ and clean the rubber roller ① (fig. 5).
- Then press PAUSE II and clean the capstan ②, recording/playback head ③ and erase head ④.
- After cleaning, press STOP ■.

Cleaning of the heads ⑤ and ⑥ can also be done by playing a cleaning cassette through once.

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



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