WARNING

- TO PREVENT FIRE OR SHOCK HAZARD DO NOT USE THIS PLUG WITH AN EXTENSION CORD, RECEPTACLE OR OTHER OUTLET UNLESS THE BLADES CAN BE FULLY INSERTED TO PREVENT BLADE EXPOSURE.

- TO PREVENT FIRE OR SHOCK HAZARD DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to 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.

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 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 is 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) Unplug this apparatus during lightning storms or when unused for long periods of time.
13) 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.

This appliance shall not be exposed to dripping or splashing water and that no object filled with liquid such as vases shall be placed on the apparatus.

810-00000S-190
B  PRECAUTIONS

Read the Operating Instructions carefully and completely before operating the unit. Be sure to keep the Operating Instructions for future reference. All warnings and cautions in the Operating Instructions and on the unit should be strictly followed, as well as the safety suggestions below.

Installation
1 Water and moisture - Do not use this unit near water, such as near a bathtub, washbowl, kitchen sink, laundry tub, in a wet basement, swimming pool, or the like.
2 Heat - Do not use this unit near sources of heat, including heating vents, stoves, or other appliances that generate heat.
3 Mounting surface - Place the unit on a flat, even surface.
4 Ventilation - The unit should be situated with adequate space around it so that proper heat ventilation is assured. Allow 10 cm (4 in.) clearance from the rear and the top of the unit and 5 cm (2 in.) from each side.
5 Objects and liquid entry - Take care that objects or liquids do not get inside the unit through the ventilation openings.
6 Condensation - Moisture may form on the CD Pickup lens when:
   - The unit is moved from a cold spot to a warm spot
   - the heating system has just been turned on
   - the unit is used in a very humid room
   - the unit is cooled by an air conditioner
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   - the heating system has just been turned on
   - the unit is cooled by an air conditioner
When this unit has condensation inside, it may not function normally. Should this occur, leave the unit for a few hours, then try to operate again.

Electric Power
1 Power sources - Use on batteries or AC house current, as specified in the Operating Instructions and marked on the unit.
2 AC power cord
   - When disconnecting the AC power cord, pull it out by the AC power plug. Do not pull the cord itself.
   - Never handle the AC power plug with wet hands, as this could result in fire or shock.
   - Power cords should be firmly secured to avoid being bent, pinched, or walked upon. Pay particular attention to the cord from the unit to the power socket.
   - Avoid overloading AC power plugs and extension cords, beyond their capacity, as this could result in fire or shock.
3 When not in use - Unplug the AC power cord from the AC outlet or remove all the batteries if the unit will not be used for several months or more. When the cord is plugged in, a small amount of current continues to flow to the unit, even when the power is turned off.

C  POWER SUPPLY

IMPORTANT
Make sure that function is set to TAPE before connecting the AC cord or inserting batteries.

Using on batteries
Open the lid of the battery compartment on the rear and insert six (size C) batteries, not supplied, with the + and - marks correctly aligned. Then close the lid. Disconnect the AC cord from the AC inlet.

Notes on batteries
- The batteries need to be replaced when:
  - The tape speed slows down, volume decreases, or sound is distorted during operation.
- Do not mix different types of batteries or old batteries with new ones.
- Never recharge the batteries, apply heat to them or take them apart.
- Remove dead batteries.
- If liquid leaks from the batteries, wipe thoroughly to remove.

D  MAINTENANCE

To clean the cabinet
Use a soft cloth lightly moistened with mild detergent solution. Do not use strong solvents such as alcohol, benzine or thinner.

Cassette tapes
To prevent accidental erasure, break off the plastic tabs on the cassette tape after recording with a screwdriver or other pointed tool.

To clean the heads and tape paths
After every 10 hours of use, clean the Recording heads and Playback head, the pinch roller and capstan. Use a cotton swab 5 slightly moistened with cleaning fluid or denatured alcohol.

To record on the tape again, cover the tab openings with adhesive tape, etc.
E CD OPERATION

1. Set function to CD.
2. OPEN the disc compartment and place a disc with the printed side up. The total number of tracks is displayed.
3. Press \( \text{PLAY/PAUSE} \) to start play.
4. Turn VOLUME to adjust the sound.
5. STOP - Stops play.
6. PLAY/PAUSE - Pauses play. To resume play, press again.
7. SKIP/SEARCH - Searches for a particular point during playback. Keep \( \text{ or } \text{ pressed and then release it.} \)
8. - Skips to the beginning of a track. Press \( \text{ or } \text{ repeatedly.} \)
9. REPEAT - Display the solid “CD” symbol:
   - A single track is played repeatedly. Select a track with \( \text{ or } \text{ .} \)
   - All tracks are played repeatedly.

PROGRAM

In stop state, Press program, the PROG. indicator flashes, use \( \text{ or } \text{ to select the track you wish to program. Then press PLAY to start.} \)
To erase the programmed tracks, Press STOP and open the CD door.

NOTE

- Do not use irregular shape CDs (example: heart-shaped, octagonal ones). It may result in malfunctions.
- Do not place more than one disc in the disc compartment.
- Do not touch the lens. Doing so may cause malfunctions.

F TUNER OPERATION

1. Set function to RADIO.
2. Select a band with BAND.
3. Tune to a station with TUNING.
4. Turn VOLUME to adjust the sound.

For better reception - Extend the FM antenna and orient it for the best reception; AM antenna is inside the unit. Position the unit for the best reception.

FM /FM ST
Sets the FM sound to stereo or monaural.

G TAPE OPERATION

Use Type 1 (normal) tapes only.

PLAYING BACK A TAPE

1. Set function to TAPE.
2. Press \( \text{STOP/EJECT} \) to open the cassette holder and insert a tape with the exposed side up and the side to be played facing out.
3. Press \( \text{PLAY} \) to start play.
4. Turn VOLUME to adjust the sound.
5. STOP/EJECT - Stops play.
6. PAUSE - Pauses play. To resume play, press again.
7. \( \text{REW/FFWD} \) - Fast forwards/rewinds.

RECORDING

1. Insert a tape with the side to be recorded facing out.
2. Wind up the tape to the point where recording starts.
3. Get ready to record from the source.
4. To record from a CD: set function to CD and start play.
5. To record from the tuner: set function to RADIO and tune to a station.
6. Press \( \text{REC} \) to start recording.
7. To stop recording, press \( \text{STOP/EJECT} \)
8. To erase a recording, set function to TAPE and start recording.

H GENERAL

To turn off the unit, set function to TAPE.
To listen with the headphones, connect headphones with a stereo mini plug to the PHONES jack.
If an erroneous display or malfunction occurs, disconnect the AC cord and remove all the batteries to turn off the display. Then turn the power back on.

COPYRIGHT

Please check the copyright laws relating to recordings from disc, radio or external tape for the country in which the machine is being used.

I SPECIFICATIONS

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<th>Tuner section</th>
<th>FM: 88-108 MHz</th>
<th>AM: 530-1710 KHz</th>
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<td>Deck section</td>
<td>Normal tape / Recording system: DC bias / Erasing system: Magnet erase / Heads: Recording / playback head, Erasure head</td>
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<td>CD player section</td>
<td>Disc: Compact disc / Scanning method: Non-contact optical scanner (semiconductor laser)</td>
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General

- Speaker: 77 mm cone type (2)
- Headphones jack: 3.5mm stereo jack
- Power output: 0.8 W + 0.8 W
- Power requirements: DC 9 V using six size C batteries
- AC 120V, 60Hz / Weight: 2.1 Kg (excluding batteries)
- Dimensions: 295(W)x152(H)x212.5(D) mm

Specifications and external appearance are subject to change without notice.