PORTABLE CD/CD-R/RW PLAYER with CASSETTE RECORDER and AM/FM PLL DIGITAL TUNER

RCD4400

CAUTION
TO PREVENT FIRE OR SHOCK HAZARD, DO NOT USE THIS PLUG 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.

1.) Read these instructions.
2.) Keep these instructions.
3.) Heed all warnings (The warnings engraving on bottom cabinet).
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 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 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.) 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.
14.) This appliance shall not be exposed to dripping or splashing water and no object filled with liquids such as vases shall be placed on the apparatus.
15.) Do not overload wall outlet. Use only power source as indicated.
16.) Use replacement parts as specified by the manufacturer.
17.) The product may be mounted to a wall only if recommended by the manufacturer.
18.) Upon completion of any service or repairs to this product, ask the service technician to perform safety checks.

The lightning flash with arrowhead symbol, within an equilateral triangle is intended to alert the user to the presence of uninslated ‘dangerous voltage’ within the product’s enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

WARNING: 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.

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 a damp 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 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 a 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. Battery usage CAUTION. To prevent battery leakage which may result in bodily injury 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.

IMPORTANT SAFETY INSTRUCTIONS

NOTES

This product complies with the FCC-Rules, Part 15 and with 21 CFR 1040.10. Operation is subject to the following two conditions:
1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation.

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

CANADA

English: This digital apparatus does not exceed the Class B limits for noise emissions from digital apparatus as set out in the Radio Interference Regulations of the Canadian Department of Communications.
Whenever convenient, use the power supply if you want to conserve battery life. Make sure you remove the plug from the set and wall outlet before inserting batteries.

Batteries (not included)
Open the battery compartment and insert eight batteries, type R-20, UM-1 or D-cells, (preferably Alkaline) with the correct polarity as indicated by the “+” and “–” symbols inside the compartment.

Batteries contain chemical substances, so they should be disposed of properly.

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 carbon zinc. Only use batteries of the same type for the set.
- When inserting new batteries, do not try to mix old batteries with the new ones.
- Remove the batteries if the set is not to be used for a long time.

Using AC Power
1 Check if the power voltage, as shown on the type plate located on the bottom of the set, corresponds to your local AC power supply. If it does not, consult your dealer or service center.
2 Connect the power cord to the AC MAINS inlet and the wall outlet. The power supply is now connected and ready for use.
3 To switch off completely, unplug the power cord from the wall outlet.
- Unplug the power cord from the wall outlet to protect your set during heavy thunderstorms.
BASIC FUNCTIONS

Switching power on/off: Save energy
Whether you are using mains or battery supply, to avoid unnecessary energy consumption always adjust the source selector to off.

General operation
1. To select your sound source adjust the source selector to CD/TAPE/RADIO.
2. Adjust the sound with the VOLUME and DBBS (Dynamic Bass Boost) controls.
3. To switch off the set, adjust the source selector to off position.

RADIO RECEPTION

Tuning to radio stations
1. Slide the FUNCTION selector to RADIO.
2. Press the BAND selector to a desired waveband - FM, AM.
3. Press down on or = and release button.
   - The display frequency is run, until a radio station with sufficient signal strength is found.
   - If a FM station is received in stereo, the display frequency is run, until a radio station with sufficient signal strength is found.
4. Repeat step 3 if necessary until you find the desired station.
5. Repeat the above four steps to store other stations.

Recording from the radio

- For FM, pull out the telescopic antenna. Incline and turn the antenna. Reduce its length if the 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.

Note:
- If a FM station is received in stereo, the frequency of the preset station are shown.
- " MEMORY " flashes in the display. To activate programming.
- " MEMORY " again to confirm the setting.
- The keys are automatically released at the end of the tape, except if PAUSE has been activated.

PLAYING A CASSETTE

1. Select TAPE source.
2. Press STOP • EJECT to open the cassette door.
3. Insert a recorded cassette and close the cassette door.
4. Press PLAY to start playback.
5. To interrupt playback, press PAUSE. To resume, press the key again.
6. By pressing or • on the set, fast winding of the tape is possible in both directions.
7. To stop the tape, press STOP • EJECT.
   - The keys are automatically released at the end of the tape, except if PAUSE has been activated.

RECORDING

GENERAL INFORMATION ON RECORDING

- Recording is permissible insofar as copyright or other rights of third parties are not infringed.
- This deck is not suitable for recording on CHROME (IEC II) or METAL (IEC IV) type cassettes. For recording, use NORMAL type cassettes (IEC I) on which the tabs have not been broken.
- The best recording level is set automatically. Altering the VOL and DBBS controls will not affect the recording in progress.
- 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 not possible. To record over this side again, cover the tabs with a piece of adhesive tape.

Recording from the radio

1. Tune to the desired radio station (See TUNING TO RADIO STATIONS ).
2. Press STOP • EJECT to open the cassette door.
3. Insert a suitable cassette into the cassette deck and close the cassette door.
4. Press RECORD to start recording.
5. For brief interruptions, press PAUSE. To resume recording, press PAUSE again.
6. To stop recording, press STOP • EJECT.

MAINTENANCE

Tape deck maintenance
To ensure quality recording and playback of the tape deck, clean parts ©,  and © shown in the diagram below, after approx. 50 hours of operation, or on average once a month. Use a cotton bud slightly moistened with alcohol or a special head cleaning fluid to clean the deck.
1. Open the cassette door by pressing STOP • EJECT.
2. Press PLAY and clean the rubber pressure rollers ©.
3. Press PAUSE and clean the magnetic heads © and also the Capstan®.
4. After cleaning, press STOP • EJECT.
Note: Cleaning of the heads can also be done by playing a cleaning cassette through once.
CD PLAYER

Playing a CD
This CD-player can play Audio Discs, CD-R and CD-Rewritables. Do not try to play CD-ROM, CDi, VCD, DVD or computer CD.

1. Adjust the source selector to CD.

2. To open the CD door, lift the CD door at the edge marked CLOSE/OPEN.

3. Insert a CD, CD-R or CD-RW with the printed side facing up and press the CD door gently close.

4. Press \( \text{on the set to start playback.} \)

5. To pause playback press \( \text{To resume, press } \) again.

6. To stop CD playback, press \( \text{STOP } \).

Note: CD play will also stop when:
– you open the CD compartment;
– you select RADIO sound source;
– the CD has reached to the end.

Selecting a different track
During playback you can use \( \) or \( \) to select a particular track.
• If you have selected a track number in the stop or pause position, press \( \) to start playback.
• Press \( \) once briefly for the next track, or press \( \) repeatedly until the desired track number appears in the display.
• Press \( \) once briefly to return to the beginning of a current track.
• Press \( \) more than once briefly for a previous track.

Finding a passage within a track

1. Press and hold down \( \) or \( \).
• The CD is played at high speed and low volume.

2. When you recognize the passage you want release \( \) or \( \).
• Normal playback resumes.

Different play modes: Repeat

repeat – plays the current track continuously
repeat all – plays the entire CD continuously

Programming track numbers
You may store up to 32 tracks in the desired sequence. If you like, store any track more than once.

1. In the STOP mode, press \( \) or \( \) for your desired track.

2. When your chosen track number appears, press \( \) once to store the track.

3. Repeat steps 1 to 2 to select and store all desired tracks in this way.

4. To play your program, press \( \).

Reviewing your set program

• In the STOP mode, press \( \).

Erasing a program

• In the STOP mode, press \( \).

CD player and CD handling

• The lens of the CD player should never be touched!

• Sudden changes in the surrounding temperature can cause condensation to form and the lens of your CD player to cloud over. Playing a CD is then not possible. Do not attempt to clean the lens but leave the set in a warm environment until the moisture evaporates.

• Always close the CD door to keep the CD compartment dust-free. To clean, dust the compartment with a soft dry cloth.

• 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 any stickers to it.

Precautions & General Maintenance

• Place the set on a hard and flat surface so that the system does not tilt.

• Do not expose the set, batteries or CDs to humidity, rain, sand or excessive heat caused by heating equipment or direct sunlight.

• Do not cover the set. Adequate ventilation with a minimum gap of 6 inches between the ventilation holes and surrounding surfaces is necessary to prevent heat build-up.

• The mechanical parts of the set contain self-lubricating bearings and must not be oiled or lubricated.

• To clean the set, use a soft dry cloth. Do not use any cleaning agents containing alcohol, ammonia, benzene or abrasives as these may harm the housing.

MAINTENANCE & SAFETY
TROUBLESHOOTING

Troubleshooting
If a fault occurs, first check the points listed below before taking the set for repair.
Do not open the set as there is a risk of electric shock.
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 will invalidate the warranty.

- Problem
  • Solution

No sound / power
- Volume not adjusted
  • Adjust the VOLUME
- Power cord not securely connected
  • Connect the AC power cord properly
- Batteries dead/ incorrectly inserted
  • Insert (fresh) batteries correctly

Display does not function properly / No reaction to operation of any of the controls
- Electrostatic discharge
  • Switch off and unplug the set. Reconnect after a few seconds

Poor cassette sound quality
- Dust and dirt on the heads, etc.
  • Clean deck parts etc., see Maintenance
- Use of incompatible cassette types (METAL or CHROME)
  • Only use NORMAL (IEC) for recording

Recording does not work
- Cassette tab(s) may be broken
  • Apply a piece of adhesive tape over the missing tab space

Environmental information
We have done our best to reduce the packaging and make it easy to separate into 3 materials: cardboard, paper pulp and expandable polyethylene.
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, dead batteries and old equipment.

SPECIFICATION

SPECIFICATIONS:

- POWER SUPPLY
  : AC 230 V, 50 Hz
  DC 12V (UM-1 x 8)
- RADIO FREQUENCY COVERAGE
  : AM 530 - 1710 kHz.
  : FM 88 - 108 MHz.
- GENERAL
  Headphone
  Speakers
  : 3.5mm Stereo jack plug 8-32 ohm
  : 8 ohm
- CD PLAYER
  Pick up
  Encoding
  D/A
  : 3 - Beam. Semiconductor Laser
  : 8 x Over Sampling
  : 1 - Bit Dual D/A Converter
- CASSETTE PLAYER
  Tape
  Recording System
  Erasing System
  : Standard normal bias
  : DC bias
  : Magnetic erase