RCA

Models: RS2531
RS2534
RS3531

FCC Information

EN

FCC Information

This device generates and uses radio frequency (RF) energy, and if not installed and used properly, this equipment may cause interference to radio and television reception.

This equipment has been type tested and found to comply with the specifications in Subpart J of Part 15 of FCC Rules. These rules are designed to provide reasonable protection against radio and television interference in a residential installation. However, there is no guarantee that interference will not occur in particular installations.

If this equipment does cause interference to radio or television reception (which you can determine by turning the equipment off and on), try to correct the interference by one or more of the following measures:

- Reorient the receiving antenna (that is, the antenna for the radio or television that is "receiving" the interference).
- Move the unit away from the equipment that is receiving interference.
- Plug the unit into a different wall outlet so that the unit and the equipment receiving interference are on different branch circuits.

If these measures do not eliminate the interference, please consult your dealer or an experienced radio/television technician for additional suggestions.

Also, the Federal Communications Commission has prepared a helpful booklet, "How To Identify and Resolve Radio TV Interference Problems." This booklet is available from the U.S. Government Printing Office, Washington, DC 20402. Please specify stock number 004-000-00345-4 when ordering copies.

This product complies with DHHS Rules 21 CFR Subchapter J. Applicable at the date of manufacture.

For Your Safety

The AC power plug is polarized (one blade is wider than the other) and only fits into AC power outlets one way. If the plug won't go into the outlet completely, turn the plug over and try to insert it the other way. If it still won't fit, contact a qualified electrician to change the outlet, or use a different one. Do not attempt to bypass this safety feature.
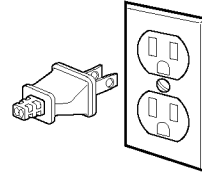
CAUTION: TO PREVENT ELECTRIC SHOCK, MATCH WIDE BLADE OF PLUG TO WIDE SLOT, FULLY INSERT.

For Your Records

In the event that service should be required, you may need both the model number and the serial number. In the space below, record the date and place of purchase, and the serial number:
Model No.
Remote Control No.
Date of Purchase
Place of Purchase
Serial No.

Service Information

This product should be serviced only by those specially trained in appropriate servicing techniques. For instructions on how to obtain service, refer to the warranty included in this Guide.

Have a Blast- Just Not in Your Eardrums Make sure you turn down the volume on the unit before you put on headphones. Increase the volume to the desired level only after headphone are in place.

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

CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN

THE LIGHTNING FLASH AND ARROW-HEAD WITHIN THE TRIANGLE IS A WARNING SIGN ALERTING YOU OF "DANGEROUS VOLTAGE" INSIDE THE PRODUCT.

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

THE EXCLAMATION POINT WITHIN THE TRIANGLE IS A WARNING SIGN ALERTING YOU OF IMPORTANT INSTRUCTIONS ACCOMPANYING THE PRODUCT.

SEE MARKING ON BOTTOM / BACK OF PRODUCT

Contents

EN

RS2531 / RS2534 / RS3531

Installation

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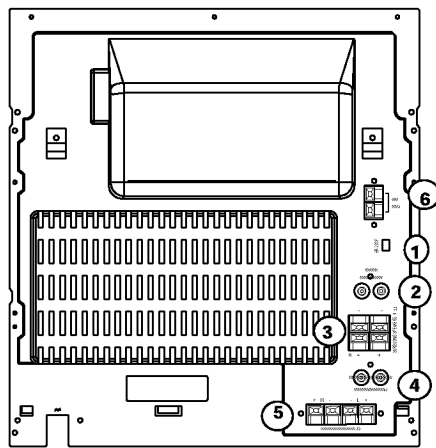
1. AM Loop Antenna Connector
2. Auxillary Connector
3. Surround Speaker Jacks (Surround speakers included only with RS2534)
4. Main Speaker Jacks
5. Subwoofer Speaker Jacks
6. FM Antenna Jack

Unpacking the system:
You should have:
• one main unit (with 2 speakers);
• one remote control;
• one AM loop antenna;
• T-Type FM antenna wire;
• one user's guide;
• one safety leaflet.
• Owner and registration Card

To ensure sufficient ventilation, keep the spacings shown below free from other surfaces:

10 cm

10 cm   10 cm

10 cm

5 cm
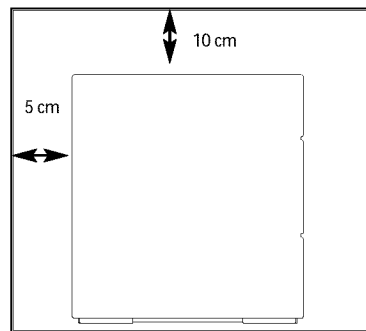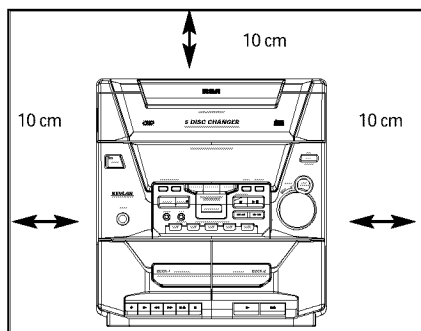
Controls and Indicators

Main Unit

OPEN/CLOSE — Opens or closes the disc tray.

DISC 1 - DISC 5 — Selects disc 1, 2, 3, 4, or 5

DISC SKIP — Skips to the next CD in the tray

STANDBY/POWER — Turns power on or off (STANDBY mode).

PHONES — Jack for connecting headphones

SOURCE — Selects the CD player/ tuner/ tape player/ external source

DEMO/DIMMER/CD DISPLAY — Turns the feature demonstration on or off, adjusts display brightness, shows disc details.

■ **STOP / TUNE / PRESET** — Stops CD track, Sets tune or preset mode

▶▶ ▶▶| **SKIP FORWARD** — Increments radio frequency, CD tracks or setting options.

|◀◀ ◀◀ **SKIP BACKWARD** — Decrements radio frequency, CD tracks or setting options

▶ II **PLAY/PAUSE** — Plays or pauses CD

CLOCK — Shows clock time and enters clock setting mode.

TIMER — Enters timer setting mode and turns the mode on/off.

BAND/AUTO PROG. — Changes between FM and AM tuner bands. Enters autopreset program in FM mode.

SUB WOOFER — Turns sub-woofer on or off

ROCK/CLASSIC, CUSTOM/FLAT, POP/JAZZ — selects among the different EQ modes.

X-SURROUND — Press once to activate X-SURROUND

VOLUME — Increases/ decreases volume.
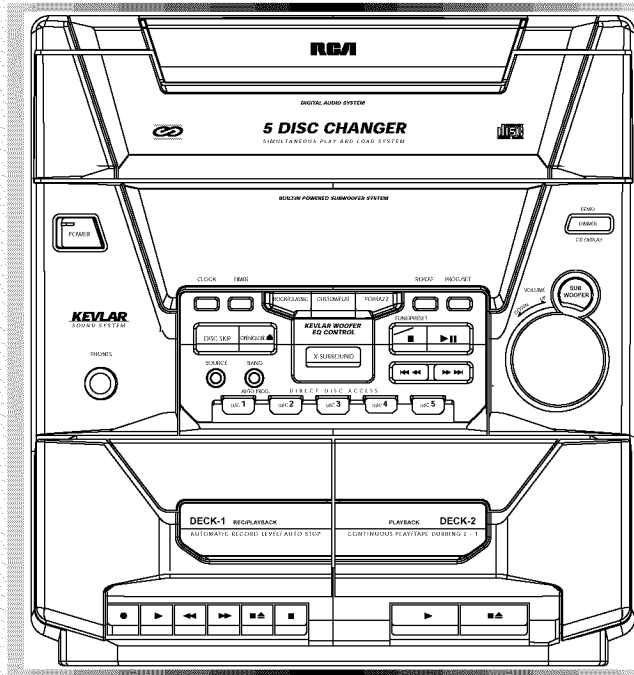
Tape Player

● RECORD
▶ PLAY
◀◀ REWIND
▶▶ FAST-FORWARD
■▲ STOP/EJECT
II PAUSE
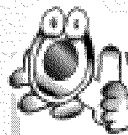
Tip: In STANDBY mode (press POWER off), the system displays the time. Press POWER to turn the system on in the previously used mode. Press CD, TAPE, TUNER, or AUX (Remote Only) to select the corresponding mode. Look at the display icons to identify the current mode.

Controls and Indicators

EN

Remote Control

POWER — Turns power on or off (STANDBY mode).
TUNER — Selects tuner
CD — Selects CD player
TAPE — Selects tape player
AUX — Selects external input.
S WOOFER - Turns sub woofer on or off
VOL+ or VOL- — Increases/ decreases volume
EQ — Selects equalizer presets
PLAY/PAUSE — Plays or pauses current CD
STOP — Stops playing CD
NEXT/FWD — Increments CD track; searches through CD
PREV/REV— Decrements CD track; searches through CD
(Press **NEXT/FWD or PREV/REV** to tune up/ down tuner fre-
quency)
DISC SKIP — Skips to next CD
REPEAT — Repeats a track, CD, or all CDs.
MUTE - mutes sound
SHUFFLE — Turns on/off random listening
FM ST. - Toggles between FM stereo and mono
INTRO - Turns INTRO mode on or off to play the first 10 seconds
of each track.
PRESET UP/DOWN — Selects next/ previous preset station
X SURROUND — Activates X- SURROUND
RECORD — does not function in this unit
SLEEP - selects the time interval in minutes before the unit turns
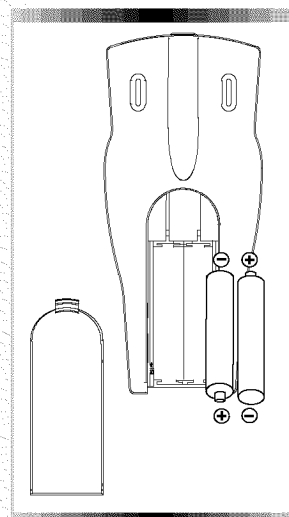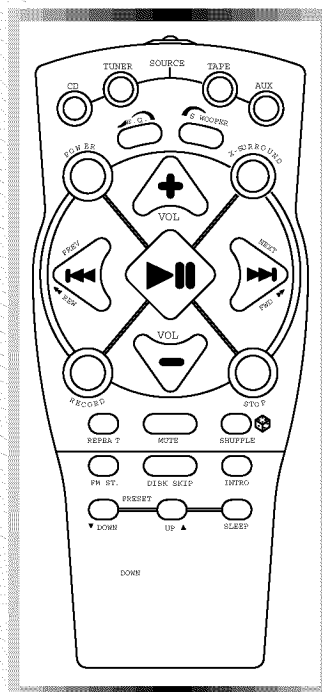
Display

Showing the Demonstration

Not operational in CD mode. Press **DEMO/DIMMER** to turn on/off demonstration mode. The demonstration scrolls through all display operations.

DISPLAY ALARM/CLOCK
Setting the Time

1. Press **CLOCK** until the time flashes on the display.
2. Press **SKIP BACKWARD** or **SKIP FORWARD** to set the hour and then press **CLOCK** to shift to minute digits.
3. Press **SKIP BACKWARD** or **SKIP FORWARD** to set the minute.
4. Press **SET** to save settings and **STOP** to quit setting.

Note: When system is ON, you can press **CLOCK** to display the current time for about 2 seconds.

Setting the Timer

1. Press and hold **TIMER** until the **ON** and clock time flash on the display (**ON** - timer on time)
2. For setting time, press **SKIP FORWARD / BACKWARD** to set the hour and then press **TIMER** to shift to minute digits.
3. Press **SKIP FORWARD / BACKWARD** to set the minute.
4. Press **TIMER** to change to **OF** (timer off time) with clock time flashing. Repeat steps 2 & 3 for timer off time setting.
5. Press **TIMER** to select source. Press S**KIP FORWARD / BACKWARD** to select between CD /TUNER / AUX / TAPE)
6. Press **TIMER** to set volume. Rotate the VOLUME knob to set desired volume level.
7. Press **SET** to save settings or **STOP** to quit setting.

Activating the Timer

Press and release **TIMER** to turn on/off the alarm. The alarm is active when the clock icon indicator is lit.

Adjusting the Display Brightness

1. Press and hold **DEMO/DIMMER** for more than 2 seconds.
2. While the dimmer is displayed, press and release **DIMMER** to select the desired level (**DIMM 0 - 3**).

DIM 2

Sleep Mode

You can select the time interval in minutes before the unit turn off automatically. Press **SLEEP** on the remote to select among 5,15, 30, 45, 60, 90 & 120 minutes. (Remote Only)

Sound Features

Using Preset Equalizer Curves

Press ROCK/CLASSIC, CUSTOM/FLAT, POP/JAZZ on the main unit or EQ on the remote to toggle among FLAT, ROCK, JAZZ, POP, CLASSICAL & CUSTOM. The display shows briefly the selection.

Creating a Custom Curve

1. Press **CUSTOM/FLAT** to select **CUSTOM** mode.
2. While "**CUSTOM**" is displayed, press **SKIP FORWARD / BACKWARD** to cycle among displayed bass-, mid-, and treble - range levels.
3. While **BAS**, **MID**, or **TRE** is displayed, adjust **VOLUME** to set the associated gain between -10 - +10.

MID+08

Sub-Woofer

Press **SUB-WOOFER** to turn on/off boosting the bass frequency.

Muting Audio

Press **MUTE** on the remote to cut the sound. (Remote Only)

MUTE

X-Surround

Press **X-SURROUND** to enjoy enriched sound quality. This feature gives you:
1. Better width and depth for vocal and instrumental sound.
2. More powerful presence for studio recording.
3. Enhanced surround effects with greater flexibility in positioning speakers.

CD PLAYER

Loading Discs

1. Press **SOURCE** repeatedly to select **CD** mode.
2. Press **OPEN/CLOSE** to open the drawer.
3. Insert up to five discs with label face up. (Press **DISC SKIP** to rotate the disc carrier.)
4. Press **OPEN/CLOSE** to close the drawer. Loaded disc position icon lights.

Playing Discs

Press **PLAY/PAUSE** to begin or pause play, and **STOP** to stop play.
Select a specific disc by pressing **DISC 1 - DISC 5**.
Press **SKIP FORWARD/ BACKWARD** to select a specific track.
Play and load simultaneously by:

1. Press **OPEN/CLOSE** to open the tray while a CD is playing
2. Load/change discs for available trays by pressing **DISC SKIP**.
3. Press **OPEN/CLOSE** to close the tray.

Shuffling the Play Order

Press **SHUFFLE** to turn on/off the playing of tracks in random order. (Remote Only)

Sampling Tracks

Press **INTRO** to play the first 10 seconds of each track on the current disc, all discs in the tray, or turn **INTRO** mode off. (Remote Only)

(Note: You may also press **REPEAT** to select 1 disc or all discs before activating **INTRO** & **SHUFFLE** functions)

Tip: While playing a CD, press and hold SKIP-FORWARD or BACKWARD for more than 2 seconds to search through the CD.

CD Player

Repeating the Play Order

Press **REPEAT** to repeat the current track, current disc, all discs, or turn **REPEAT** mode off.

Setting Up a CD Program

You can program the CD player to play up to any 32 tracks on the CDs in the tray.

1. While the CD player is stopped, press **PROG./SET** to enter program mode. The system displays the next available program number: "- - P:01," with "- -" flashing, prompts you for the first track in the program list.

`5 P:01`

2. Press **SKIP FORWARD / BACKWARD** to select a track (press **DISC SKIP** or **DISK 1 - DISK 5** to select a track from a different disc).

3. Immediately press **SET** to assign the selected track to the program number. After 3 seconds, you are prompted for the next track in the program list.
(In CD program mode, **PROG** icon will be lit.)

Playing a Program List

While in **PROGRAM** mode, press **PLAY**.

Displaying the Program List

1. While the CD player is stopped, press **SET** to enter **PROGRAM** mode.
2. Press **SET** repeatedly to list each track assignment in the program list.

Deleting Program List

While in **PROGRAM** mode, press and hold **STOP** for 5 seconds. They system displays the message **CLEAR**.

Skipping a Disk

Press **DISC SKIP**.

Searching Through a CD

Press and hold **SKIP FORWARD/ BACKWARD** to search through a CD as it is playing.

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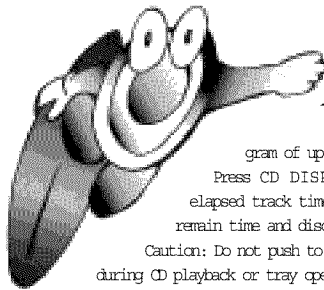
Tips: You can create a program of up to 32 tracks.
Press CD DISPLAY repeatedly to view elapsed track time, track number, track remain time and disc remain time.
Caution: Do not push to force closing of the tray during CD playback or tray opening.

Tuner
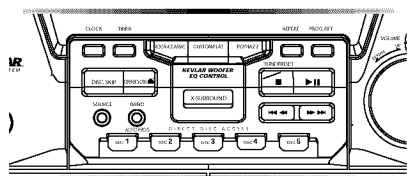
1. Press **SOURCE** to select **TUNER**.
2. Press **BAND** to select between AM or FM radio band.

Tip: Your audio system has 32 preset stations.

Tuning to a Station

Press **SKIP FORWARD/ BACKWARD** to select frequencies.

Using Presets

`87.50 MHz`

The tuner can be either TUNE or PRESET mode.
When in PRESET mode, the PROG light is on.
Press **SKIP BACKWARD** or **SKIP FORWARD** on the main system or **PRESET UP or DOWN** on the remote control to access the previous or next preset station. The display first shows the preset program number and after a few seconds, the frequency and preset program number will be displayed. (FMPR:01 is FM preset 1)

Auto Preset Programming (for FM only)

`PR:01`

Press and hold **BAND** button for 2 second to scan stations in the selected band. The stations will then be stored as preset channels. A Maximum 32 stations can be stored. Beware of your preset channels being erased accidentally because the scanning and storing process is automatic upon pressing the button.
You can stop the automatic scan by pressing any button, but the erased stations cannot be recovered.

Setting Presets

1. Press **SKIP FORWARD/ BACKWARD** to access the desired frequency.
2. Press the **SET** button once.
3. The most recently accessed program location will be displayed.
4. If a different program location is preferred, press **SKIP BACKWARD / FORWARD** to move to the desired preset number (1-32).
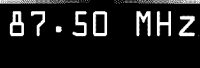5. Press **SET** to store the selected frequency at that preset.

Suppressing Stereo Signal

Press **FM ST** to toggle between FM mono and stereo for stereo FM stations. (Remote Only)

Tape Player

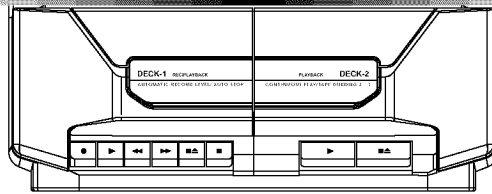## Playing a Tape

Tip: You can play a tape from either deck.

1. Press **SOURCE** repeatedly to select **TAPE**.
2. Press **STOP/EJECT** to open the cassette door.
3. Insert a tape into the door and push the door closed.
4. Press **REWIND/FAST FORWARD** to position the tape to the desired starting position. (Deck 1 Only)
5. Press **PLAY**.

Continuous Play

1. Insert a tape into deck 2 and start playback.
2. Insert a tape into deck 1 and press **PLAY** and **PAUSE** together.
3. When the tape in deck 2 finishes playback, PAUSE at deck 1 will be released automatically and start playback.

Recording
From Tuner

1. Insert a tape into deck 1.
2. Press **SOURCE** repeatedly to select **TUNER** and to access the desired radio band.
3. Tune to the station to be recorded.
4. Press **RECORD** to begin recording.
5. Press **STOP** to end recording.

From CD

1. Insert a tape into deck 1.
2. Press **SOURCE** repeatedly to select **CD**.
3. Insert the disc(s) to be recorded.
4. Select the track, CD, or program to be recorded.
5. Press **RECORD** to begin recording.
6. **CD** begins to play.
7. Press **STOP** to end recording.

Tape to Tape

1. Insert the destination tape in deck 1.
2. Insert the source tape into deck 2.
3. Press **PAUSE** and then **RECORD** on deck 1.
4. Press **PLAY** on deck 2. The playback and recording start simultaneously.

From an Auxiliary Input

1. Insert the cassette in deck 1.
2. Check that the auxiliary device has been connected correctly to the **AUX** connector on the back of the audio system.
3. Start playback on the auxiliary device.
4. Press **RECORD** on deck 1 to begin recording.
5.. Press **STOP** to end recording.

Troubleshooting Tips

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Problem	Solution	Problem	Solution
System will not turn on	Check power cord for a secure connection. Unplug the unit for a moment, and then plug into power source again. Check the outlet by plugging in another device.		Check if something is causing the system to vibrate. If so, move the system. Make sure the speakers are at least 3 feet away or on a different surface from the main unit.
No sound	Increase the volume setting. Check connection to speakers. Check that you have selected the appropriate function: CD, TAPE, Tuner. Make sure mute is off.	CD button will not respond, or does not change discs when you press DISC SKIP	Switch to another function (TAPE, Tuner) and then back to CD.
Poor radio reception	Check antenna connection. Move antenna. Turn off nearby electrical appliances, such as hair dryer, vacuum cleaner, microwave, fluorescent lights.	Distorted or noisy tape recordings	Inspect the tape heads and clean and demagnetize.
CD does not play	Check that CD is in the tray. Check that CD label is facing up. Check that PAUSE mode is not on. Check that CD function is selected. Use CD lens cleaner. Clean the disc.	Remote control does not work	Check that the batteries are properly installed. Replace weak batteries. Check the system is plugged into power source. Point the remote directly at the system's front panel. Move closer to the system. Remove any obstacles between the remote and the system.
CD sound skips	Clean the disc. Check disc for warping, scratches, or other damage.		

Maintenance

Disconnect the audio system from the power source before performing any maintenance.

Cleaning

Clean the exterior of the system using a soft dust cloth.

CD Player

CAUTION! This system operates with a laser. It must be opened by only a qualified technician.

Tape Player

To prevent deterioration of sound quality, periodically open the door of each deck and clean the magnetic heads, pinch roller, and capstan with a cotton bud dipped in alcohol. Also, demagnetize the head by playing a demagnetizing cassette (available through an audio equipment store).

To protect recordings one or both sides of a tape, remove the corresponding tab. If you later want to record on the tape, affix a piece of adhesive tape over the hole.
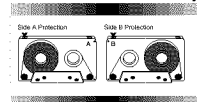
Quit Slacking - A little bit of slack in your tapes can cause scratches on the tape, or worse yet, the tape could break. If you notice some slack in the tape, use a pencil to tighten it up before you insert it.

More Information

Safety Precautions

• Never open the cabinet under any circumstances. Any repairs or internal adjustments should be made only by a trained technician.
• Never operate this product with the cabinet removed.
• Do not touch the player with wet hands. If any liquid enters the player cabinet, take the player to a trained technician for inspection.
• This compact disc player uses a laser to read the music on the disc. The laser mechanism corresponds to the cartridge and stylus of a record player. Although this product incorporates a laser pick-up lens, it is completely safe when operated according to directions.
• Discs rotate at high speed inside the player. Do not use damaged, warped, or cracked discs.
Prevent damage to this product, set switch for proper voltage.
• Do not touch the pick-up lens which is located inside the disc compartment. To keep dust from collecting on the pick-up lens, do not leave the compartment door open for an extended period of time. If the lens becomes dirty, clean it with a soft brush, or use an air blower brush designed for camera lenses.

Important Battery Information

• Remove the batteries to avoid leakage if you do not use your remote control for more than one month. Discard leaky batteries immediately as leaking batteries may cause skin burns or other personal injuries. Dispose of batteries in the proper manner, according to provincial and local regulations. Any battery may leak electrolyte if mixed with a different battery type, if inserted incorrectly, if all batteries are not replaced at the same time, if disposed of in fire, or if an attempt is made to charge a battery not intended to be recharged.

Headset Safety

• Do not play your headset at high volume. Hearing experts warn against extended high-volume play.
• If you experience ringing in your ears, reduce volume or discontinue use.
• You should use with extreme caution or temporarily discontinue use in potentially hazardous situations. Even if your headset is an open-air designed to let you to hear outside sounds, do not turn up the volume so high that you are unable to hear what is around you.

Handling CDs

• Do not touch the signal surfaces. Hold CDs by the edges, or by one edge and the hole. Do not affix labels or adhesive tapes to the label surfaces. Do not scratch or damage the label. CDs rotate at high speeds inside the player. Do not use damaged (cracked or warped) CDs

Cleaning CDs

• Dirty CDs can cause poor sound quality. Always keep CDs clean by wiping them gently with a soft cloth from the inner edge toward the outer perimeter.
• If a CD becomes dirty, wet a soft cloth in water, wring it out well, wipe the dirt away gently, and then remove any water drops with a dry cloth.
• Do not use record cleaning sprays or antistatic agents on CDs. Also, never clean CDs with benzene, thinner, or other volatile solvents which may cause damage to disc surface

CD Lens Care

When your CD lens gets dirty it can also cause the system to output poor sound quality. To clean the lens you will need to purchase a CD lens cleaner which can maintain the output sound quality of your system. For instructions on cleaning the CD lens, refer to the ones accompanying the lens cleaner.

Don't Infringe

This product should only be used for the purposes for which it is sold, that is, entertainment, violating no copyright law. Any attempts to use this product for which it is not intended is unlawful and therefore not condoned by Thomson Consumer Electronics.

Technical Specification

Power supply: 120V~60Hz for RCA models.
Dimensions (H x W x D mm):
Unit size - 329 x 306 x 400 (For all)
Speaker (for RS2531/RS3531) - 329 x 240 x 275
Speaker (for RS2534) - 329 x 240 x 275
Surround Speaker (for RS2534) - 180 x 96 x 86
Tape deck: Response curve: 125Hz-8kHz (-5dB)
CD player: Response curve (+/- 2dB): 20Hz to 20 kHz
Rating Plate: Look for it at the back of the set.

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Limited Warranty

RCA Audio System Limited Warranty

What your warranty covers:
• Any defect in materials or workmanship.

For how long after your purchase:
• One year for labor and parts
• The warranty period for rental units begins with the first rental or 45 days from date of shipment to the rental firm, whichever comes first.

What we will do:
• Pay any Authorized RCA Audio Service Center the labor charges to repair your unit.
• Pay any Authorized RCA Audio Service Center for the new or, at our option, refurbished replacement parts required to repair your unit.

How you get service:
• Take your unit to any Authorized RCA Audio Service Center. To identify your nearest Authorized RCA Audio Service Center, ask your dealer, look in the Yellow Pages, or call 1-800-336-1900 (for Canada, call Canadian Customer Relations 1-800-522-0338).
• Show the Authorized Service Center Representative your evidence of purchase date or first rental.
• Pick up your unit when repairs are completed.

What your warranty does not cover:
• Customer instruction. (Your Owner's Manual clearly describes how to install, adjust, and operate your unit. Any additional information should be obtained from your dealer.)
• Installation and related adjustments.
• Signal reception problems not caused by your unit.
• Damage from misuse or neglect.
• Cleaning of audio heads.
• Batteries.
• A unit that has been modified or incorporated into other products or is used for institutional or other commercial purposes.
• A unit purchased or serviced outside the U.S.A.and Canada.
• Acts of God, such as but not limited to lightning damage.

Product Registration:
• Please complete and mail the Product Registration Card packed with your product. It will make it easier to contact you should it ever be necessary. The return of the card is not required for warranty coverage.

How State Law relates to warranty:
• This warranty gives you specific legal rights and you also may have other rights that vary from state to state.

If you purchased your unit outside the United States and Canada:
• This warranty does not apply. Contact your dealer for warranty information.