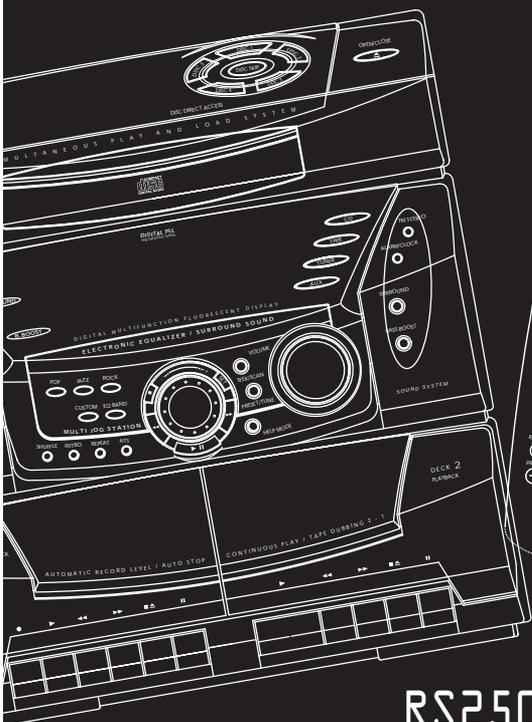


RCA

THOMSON

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RS2501/A180/A185

RS2502/RS252KM/A280/A285

RS2503/RS253TK/A380/A385

RS2505/RS255KM

RS2506

RS2507/A580

FCC Information

RCA 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:

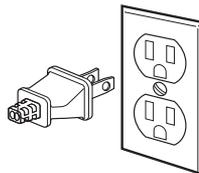
- Reorient the receiving antenna (that is, the antenna for the radio or television that is "receiving" the interference).
- Move the unit away from the equipment that is receiving interference.
- Plug the unit into a different wall outlet so that the unit and the equipment receiving interference are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

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. RS2501/A180/A185
RS2502/RS252KM/A280/A285
RS2503/RS253TK/A380/A385
RS2505/RS255KM
RS2506
RS2507/A580

Remote Control No. CRK291C1

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.

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 ARROWHEAD 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 INSIDE. 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		

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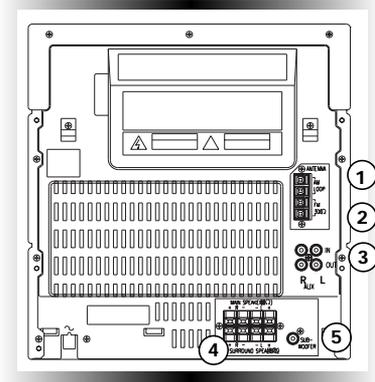
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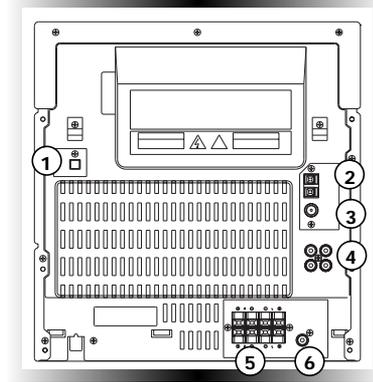
RS2501/A180/A185
 RS2502/RS252KM/
 A280/A285
 RS2503/RS253TK/
 A380/A385
 RS2505/RS255KM
 RS2506
 RS2507/A580

RCA Models



1. AM Loop Antenna
2. FM Antenna
3. Auxiliary Device (TV, Video)
4. Main and Surround Speakers
5. Subwoofer Speaker

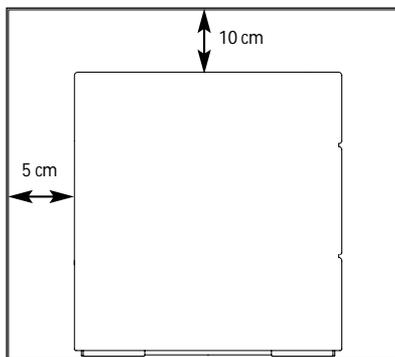
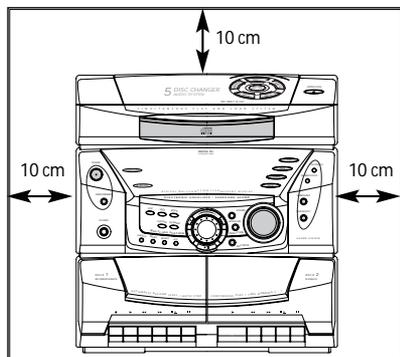
Altima Models



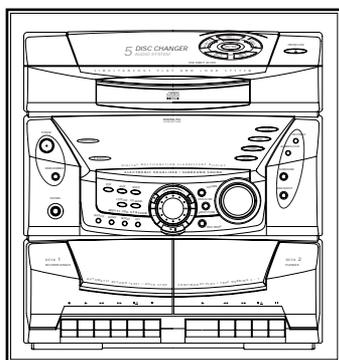
1. Optical Output (MD, DVD)
(A280, A285, A380, A385, A580 models)
2. AM Loop Antenna
3. FM Antenna
4. Auxiliary Device (TV, Video)
5. Main and Surround Speakers
6. Subwoofer Speaker

INSTALLATION

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



SAFETY APPROVAL



T800 AS
UL 1270 for U.S.A.
FCC part 15 for U.S.A.
CAN/CSA-C22.2 No. 1-94 for Canada
EN60065 for European Safety
EN55013, EN55020 for European EMC

Precautions

Do not open the cover. This system uses a laser.
Maintenance should be done only by a qualified technician.
Do not store the system at extreme temperatures.
Do not splash water on the system.
Do not use the system if it has been transported from a cold location to a warm location. Wait for it to warm up to room temperature.

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.



CONTROLS & INDICATORS

GB

CD Player

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

Tuner

POWER — Turns power on or off (STANDBY mode)

DEMO/DIMMER — Turns the feature demonstration on or off (DEMO/DIMMER for RCA models, RDS DEMO/DIMMER for Altima models)

PHONES — Jack for connecting headphones

FM STEREO — Toggles between FM stereo and mono

ALARM/CLOCK — Sets clock and alarm

SURROUND — Turns surround (3D) sound on or off (DSP for logical tape systems.)

BASS BOOST — Turns bass boost on or off

CD — Selects the CD player

TAPE — Selects the tape player

TUNER — Selects the tuner

AUX — Accesses an auxiliary resource

POP — Selects preset pop music equalizer curve

JAZZ — Selects preset jazz music equalizer curve

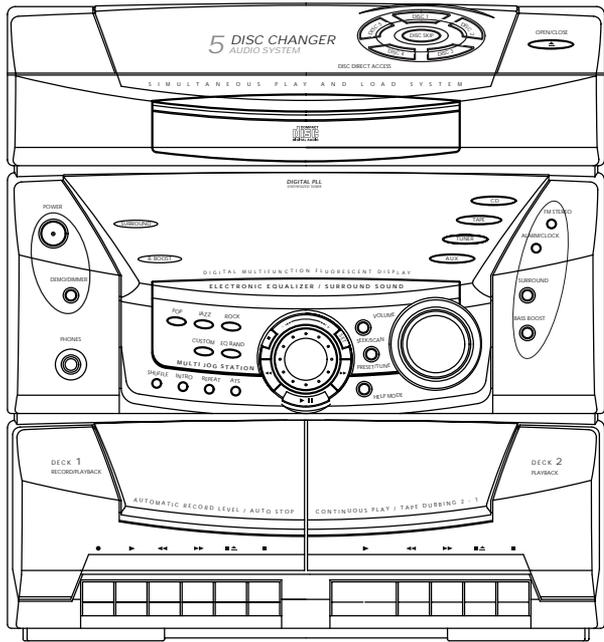
ROCK — Selects preset rock music equalizer curve

CUSTOM — Creates custom equalizer curve

EQ BAND — Sets base, mid, and treble ranges.

VOLUME — Knob increases/decreases volume.

SEEK/SCAN — Selects SEEK or SCAN mode. SEEK mode seeks the next radio station. SCAN mode locates and plays next station for 2 seconds, and continues this process



until another function is selected. (REC/SCAN for logical tape systems)

PRESET/TUNE — Toggles between PRESET and TUNE mode when using the radio. PRESET mode displays frequency and then preset program number (1-32). TUNE mode displays current radio frequency.

SHUFFLE — Turns SHUFFLE mode on or off to play CDs randomly. (PTY/MIX for Altima series)

INTRO — Turns INTRO mode on or off to play the first 10 seconds of each track. (RDSTIME/INTRO on ALTIMA models)

REPEAT — Turns REPEAT mode on or off to repeat a track, disc, or program

ATS — Sets up an automatic track skip program

HELP MODE — Turns HELP mode on or off to display useful information about system keys and features.



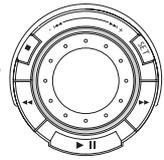
STOP — Stops CD track (stops tape on digital tape drives)



Multi-function JOG

JOG WHEEL —

Turn (+) to increase or (-) to decrease numeric values on display



SET

SET — Sets tuner or CD presets



INCREASE — Increments radio frequency or CD track (fast forwards on logical tape drives)



DECREASE — Decrements radio frequency or CD track (rewinds on logical tape drives)



PLAY/PAUSE — Plays or pauses CD (plays/pauses on logical tape drive)



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**, **RADIO**, or **AUX** to select the corresponding mode. Look at the display lights to identify the current mode.

Tape Player

- 6+2** RS2501, RS2502, RS252KM, RS2505, RS255KM, A180, A185
- 6+5** A280, A285
- Logical** RS2503, RS253TK, A380, A385, RS2506, RS2507, A580

6+5 and 6+2 tape controls include:

- RECORD
- ▶ PLAY
- ◀◀ REWIND
- ▶▶ FAST-FORWARD
- ▲ STOP/EJECT
- ⏸ PAUSE

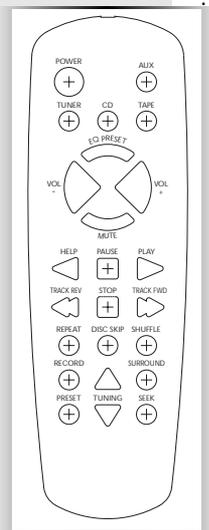
Logical tape controls are located on the multi-function jog. REC/SCAN is the record button.

Tip: Depending on your system model, your tape drive is either controlled by 6+2 or 6+5 mechanical buttons located below the decks, or logically by using the multi-function jog.



Remote Control

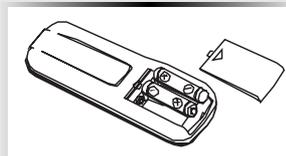
- POWER** — Turns system on/off (**STANDBY** mode)
- MUTE** — Mutes volume
- VOL+ or VOL-** — Increases/decreases volume
- EQ PRESET** — Turns on or off equalizer presets
- HELP** — Activates help messages in display
- SURROUND** — Turns on/off surround (3D) sound (selects DSP modes)
- TUNER** — Selects tuner
- CD** — Selects CD player
- TAPE** — Selects tape player
- AUX** — Selects auxiliary resource (such as a video)
- TUNING** — Increments/decrements frequency when in TUNE mode and preset station number when in PRESET mode.



- PRESET** — Selects next frequency preset
- SEEK** — When pressed briefly, searches for next station. When pressed for at least 2 seconds (display shows SCAN), scans radio stations, stopping on each for 5 seconds.
- PLAY** — Plays current CD or tape (logical drive)
- STOP** — Stops playing CD
- TRACK FWD** — Increments CD track; searches CD or tape (logical drive)
- TRACK REV** — Decrements CD track; searches CD or tape (logical drive)
- DISC SKIP** — Skips to next CD
- REPEAT** — (REPEAT/RDS — Altima models) Repeats a track, CD, or all CDs. When the radio is active, displays **RDS** information.
- PAUSE** — Pauses the CD or tape (logical decks)
- SHUFFLE (MIX/PTY SEARCH** — Altima models) — Turns on/off random listening



- RECORD** — Records to tape (logical tape drive only)



Display

GB

Showing the Demonstration

Not operational in TUNER mode for Altima models.

1. Press **DEMO/DIMMER** to turn on/off demonstration mode. The demonstration scrolls through all display operations.

ALARM/CLOCK Setting the Time

1. In **STANDBY** mode, press **ALARM/CLOCK** until the time flashes on the display (12-hour clock, 24-hour clock Altima models).
2. Turn the jog to set the hour (and AM/PM setting), and then press **INCREASE**.
3. Turn the jog to set the minute and press **INCREASE**.
4. Press **SET**.

Setting the Alarm

1. When the system is on (not in **STANDBY**) press **ALARM/CLOCK** until the ON time flashes on the display (12-hour clock, 24-hour clock Altima).
2. Turn the jog to set the hour, and then press **INCREASE**.
3. Turn the jog to set the minute and press **INCREASE**. The **OFF** time flashes.
4. Turn the jog to set the hour, and then press **INCREASE**.
5. Turn the jog to set the minute and press **INCREASE**.

Activating the Alarm

Press and release **ALARM/CLOCK** to turn on/off the alarm. The alarm is active when the **ALARM** indicator is lit.

Displaying Help Messages

1. Press **HELP** to turn on/off help mode.
2. While in help mode, press any button to display a brief description of the function. Rotate the jog to display any of the system features, and press **SET** to display more detail.

Adjusting the Display Brightness

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



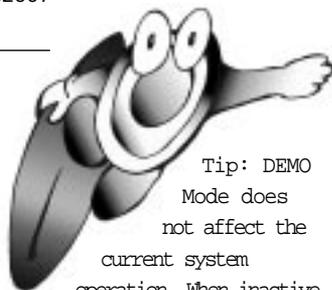
RS2501
A180/A185



RS2502/RS252KM/RS2505/RS255KM
A280/A285



RS2503/RS253TK/RS2506,RS2507
A380/A385/A580



Tip: DEMO Mode does not affect the current system operation. When inactive the system automatically enters DEMO mode. When the system is initially plugged in, DEMO mode is activated.

HELP

DIM 2

Sound Features

Using Preset Equalizer Curves

POP, **JAZZ**, or **ROCK** are toggles for preset equalizer levels. Press once to select the corresponding preset. The display momentarily shows the selection. Press again to return to flat levels.

POP

JAZZ

ROCK

Creating a Custom Curve

1. Press **CUSTOM**.
2. While "**CUSTOM**" is displayed, press **EQ BAND** repeatedly to cycle between displayed bass-, mid-, and treble - range levels.
3. While **BAS**, **MID**, or **TRE** is displayed, rotate **VOLUME** to set the associated gain between -10 - +10.

CUSTOM

EQ

MID+08

Activating Surround Sound

Press **SURROUND** to turn on/off surround sound.

Reproducing Digital Sound - DSP

(DSP for A380, A580, RS2503, RS253TK, RS2506, RS2507)
Repeatedly press **DSP** to select one of a variety of reproduced sounds based on digital sound processor (DSP) technology, including **LIVE**, **JAZZ CLUB**, **HARD ROCK**, and **ARENA**.

JAZZ CLUB

LIVE

ARENA

HARD ROCK

Boosting the Bass

Press **BASS BOOST** to turn on/off boosting the bass frequency.

Muting Audio

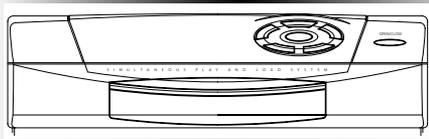
Turn **VOLUME** counterclockwise to decrease the volume display below 01.

MUTE



Tip: While playing a CD, press and hold **INCREASE** or **DECREASE** for more than 2 seconds to search through the CD.

CD PLAYER



Loading Discs

1. Press **CD** 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. Lights the loaded discs.

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**.

Rotate the jog 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 the two available trays.
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. (**PTY/MIX** for Altima models.)

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.

Repeating the Play Order

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

Continued on Page 9

GB Setting Up a CD Program

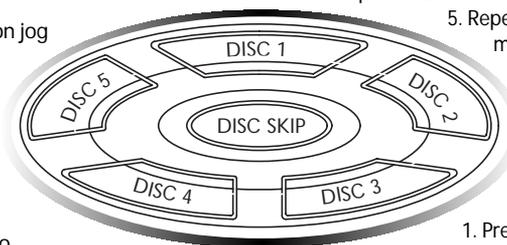
You can program the CD player to play up to any 32 tracks on the CDs in the tray.

1. While the CD player is stopped, press **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.

2. Rotate the multi-function jog or press **INCREASE/DECREASE** 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.



Automatically Skipping Tracks (ATS)

Creating an ATS Program

1. Press **STOP**.
2. Press **ATS** to display **-A:01**.
3. Press **DISC SKIP** or **DISC** (1-5) to specify a disc.
4. Rotate the jog to specify the first track to skip, and press **SET**.
5. Repeat the previous step to add more tracks to the **ATS** program.
6. Press **PLAY** to play the **ATS** program.

Editing an ATS Program

1. Press **STOP**.
2. Press **ATS**.
3. Press **SET** repeatedly until the display shows the track you want to change.
4. Press **DISC SKIP** or **DISC** (1-5) to specify a disc.
5. Rotate the jog to specify the replacement track to be skipped, and press **SET**.
6. Repeat the previous step to change other previously programmed tracks.
7. Press **PLAY** to play the program.

Playing a Program List

1. 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 a Track from a Program List

While in **PROGRAM** mode, display the programmed track to be deleted (press **SET** if necessary to cycle through the list) and immediately press **STOP**. To clear the whole programmed list, press and hold **STOP** for 5 seconds. The system displays the message **CLEAR**.



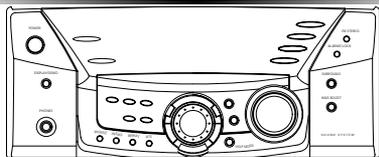
Tip: You can skip up create a program to 32 tracks.

Skipping a Disk

Press **DISC SKIP**.

Searching Through a CD

Press and hold **INCREASE** or **DECREASE** on the jog to search through a CD as it is playing.



DECREASE to tune in the desired station.

Using Presets

1. Press **PRESET/TUNE** to select **PRESET** mode.
2. Press **DECREASE** or **INCREASE**, or rotate the jog to access the previous or next preset station. The display first shows the frequency, and after a few seconds, the program number. (FMPR:01 is FM reset 1)

FMPR:01

1. Press **TUNER** to select the radio.
2. Press **TUNER** again to select the next radio band. Choices are:
 AM/FM/FM Stereo (RS models)
 FM/MW/LW, RDS (ALTIMA models)
 The tuner can be either TUNE or PRESET mode. When in PRESET mode, the PROG light is on.

Tip: Your audio system has several preset stations.

Tuning to a Station

1. Press **PRESET/TUNE** to select TUNE mode.
2. Either rotate the jog or press **INCREASE** or

87.50 MHz

Auto Preset Programming

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

Factory Presets

FM(MHz)	AM (kHz)	MW(kHz)	LW(kHz)
87.50	520	522	150
90.10	600	603	170
98.10	1000	999	200
106.10	1400	1404	270
107.9	1710	1611	283

Setting Presets

1. Press **PRESET/TUNE** to access **TUNE** mode.
2. Press **INCREASE** or **DECREASE**, or rotate the jog to access the desired frequency.
3. Press the **SET** button once.
4. The most recently accessed program location will be displayed together with a blinking program icon (**AMPR**, **FMPR**, or **LWPR**.)
5. If a different program location is preferred, press **INCREASE** or **DECREASE** to move to the desired preset number (0-32).
6. Press **SET** to store the selected frequency at that preset.



Tip: Press and **INCREASE** or **DECREASE** for more than 1second to automatically tune up/down the band for the next station.

To scan (ascending) to the next station, stop and play for 5 seconds and then continue scanning, press **SEEK/SCAN** for more than 2 seconds. Scanning continues until you press another button.

Suppressing Stereo Signal

Press **FM STEREO** to toggle between FM mono and stereo for stereo FM stations.

Seeking/Scanning for a Station

To seek the next station (ascending), press **SEEK/SCAN**.

GB *Altima models*

Tip: RDS stations broadcast on FM only. When the tuner detects an RDS signal, the RDS light turns on.



BBC No...
SCIENC... 12:05

Toggle **RDS DEMO/DIMMER** to display the frequency, station name (PS), station type (PTY), clock time (CT), or radio text (RT). In CT mode, press **RDS TIME/INTRO** key to replace the displayed time by RDS station time.

Tuning to an RDS Station

1. Press **PRESET/TUNE** to access **TUNE** mode.
2. Rotate the jog or press **INCREASE** or **DECREASE** to tune to an RDS station (RDS light turns on).

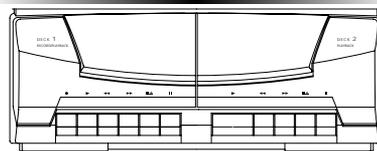
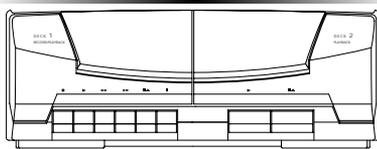
Displaying RDS Station Information

Searching by Program Type (PTY)

1. In **TUNE** mode, toggle **PTY/MIX** or rotate the jog to select a **PTY** mode.
2. Within 5 seconds, press **SEEK/SCAN** or **INCREASE** to search for a station broadcasting the selected type of program.

TAPE PLAYER (6+2, 6+5)

TAPE PLAYER (RS2501, RS2502, RS252KM, RS2505, RS255KM, A180, A185, A280, A285)



Recording From Tuner

1. Insert a tape into deck 1.
2. Press **TUNER** 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.



Tip: You can search for stations using one of the following program types: **RDS NEWS** (news), **AFFAIR** (news and documentaries), **INFO** (weather, medical), **SPORT** (sports), **EDUCAT** (education), **DRAMA** (series and plays), **CULTUR** (religion), **SCIENC** (science and technology), **VARIED** (miscellaneous), **POP M** (pop music), **ROCK M** (rock music), **MOR M** (middle-of-the road music), **LIGHTM** (light music), **CLASSI** (classical music), **OTHERM** (unclassified music), **ALARM** (alarm).

Playing a Tape

Tip: You can play a tape from either deck.

1. Press **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.
5. Press **PLAY**.

TAPE PLAYER (6+2, 6+5)

From CD

1. Insert a tape into deck 1.
2. Press **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. Press **PLAY** on the jog to begin playing the **CD**.
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.



Tip: Your player can record from any auxiliary device, such as a television, VCR, tuner, satellite, or DVD player.

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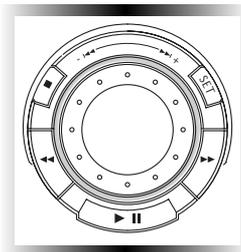
From an Auxiliary Input

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.

TAPE PLAYER (logical)

Playing a Tape

1. Press **TAPE**.
2. Press the cassette door to open it.
3. Insert a tape into the door and push the door closed.
4. Press **REWIND** or **FAST-FORWARD** to position the tape at the desired starting position.
5. Press **PLAY** to play the tape.



4. Select the track, CD, or program to be recorded.
5. Press **RECORD** to begin recording.
6. Press **PLAY** on the jog to begin playing the CD.
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 **RECORD** to begin recording on deck 1.
4. Press **STOP** twice within 2 seconds to start playing the tape in deck 2.

From an Auxiliary Input

Tip: Your player can record from any auxiliary device, such as a television, VCR, tuner, satellite, or DVD player.

1. Insert the tape 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** to begin recording on deck 1.
5. Press **STOP** to end recording.

Tip: You can play a tape from either deck. For a logical deck, press **PLAY** on the jog to change the source from one deck to the other.

Recording From Tuner

1. Insert a tape into deck 1.
2. Press **Tuner** 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 **CD**.
3. Insert the disc(s) to be recorded.

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.	CD button will not respond, or does not change discs when you press DISC SKIP	Switch to another function (TAPE, RADIO) and then back to CD.
No sound	Increase the volume setting. Check connection to speakers. Check that you have selected the appropriate function: CD, TAPE, RADIO, AUX.	Distorted or noisy tape recordings	Inspect the tape heads and clean and demagnetize.
Poor radio reception	Check antenna connection. Move antenna. Turn off nearby electrical appliances, such as hair dryer, vacuum cleaner, microwave, fluorescent lights.	Remote control does not work	Check that the batteries are properly installed. Replace weak batteries. Check the system is plugged in to 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 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.		
CD sound skips	Clean the disc. Check disc for warping, scratches, or other damage. Check if something is causing the system to vibrate. If so, move the system.		

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

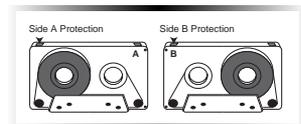
CAUTION! This system operates with a laser. It must be opened by only a qualified technician.

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.



What your warranty covers:

- Any defect in materials or workmanship.

For how long after your purchase:

- One year.

(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:

- Provide you with a new, or at our option, a refurbished unit.
- The exchange unit is under warranty for the remainder of the original product's warranty period.

How to make a warranty claim:

- Properly pack your unit. Include any cables, etc., which were originally provided with the product. We recommend using the original carton and packing materials.
- Include in the package evidence of purchase date such as the bill of sale. Also print your name and address and a description of the defect. Send standard UPS or its equivalent to:

Thomson Consumer Electronics, Inc.
Product Exchange Center
11721 B Alameda Ave.,
Socorro, Texas 79927

- Pay any charges billed to you by the Exchange Center for service not covered by the warranty.
- Insure your shipment in case of loss of damage. Thomson accepts no liability in case of damage or loss.
- A new or refurbished unit will be shipped to you prepaid freight.

What your warranty does not cover:

- Customer instruction. (Your Owner's Manual provides information regarding operating instructions and user controls. For additional information, ask your dealer.)
- Installation and set-up service adjustments.
- Batteries.
- Damage from misuse or neglect.
- Products which have been modified or incorporated into other products.
- Products purchased or serviced outside the USA.
- Acts of God, such as but not limited to lightning damage.

Product Registration:

- Please complete and mail the Product Registration Card packed with your unit. 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 this warranty:

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

If you purchased your product outside the USA:

- This warranty does not apply. Contact your dealer for warranty information.

Canadian Warranty

Thomson Consumer Electronics Canada, Inc. warrants to the purchaser or gift recipient that if any manufacturing defect becomes apparent in this product within 1 year from the original date of purchase, it will be replaced free of charge, including return transportation.

This warranty does not include damage to the product resulting from accidents, misuse or leaking batteries.

Should your product not perform properly during the warranty period, either:

1. Return it to the selling dealer with proof of purchase for replacement,

OR

2. Remove the batteries (where applicable), and pack product complete with accessories in the original carton (or equivalent).

— Mail prepaid (with proof of purchase) and insured to:

Thomson Consumer Electronics Canada, Inc.

Distribution Centre

7400 A Bramalea Road

Mississauga, Ontario L5S 1X1

The provisions of this written warranty are in addition to and not a modification of or subtraction from the statutory warranties and other rights and remedies contained in any applicable legislation, and to the extent that any such provisions purport to disclaim, exclude or limit any such statutory warranties and other rights and remedies, such provisions shall be deemed to be amended to the extent necessary to comply therewith.

If you are unable to find a qualified servicer for out of warranty service, you may write to:

Thomson Consumer Electronics Canada, Inc.

P.O. Box 0944

Indianapolis, Indiana, U.S.A., 46206-0944

Attach your sales receipt to this booklet for future reference. This information is required if service is needed during the warranty period.

PURCHASE DATE _____

NAME OF STORE _____

Model Number: RS2501/A180/A185 RS2502/RS252KM/A280/A285

RS2503/RS253TK/A380/A385

RS2505/RS255KM

RS2506

RS2507/A580

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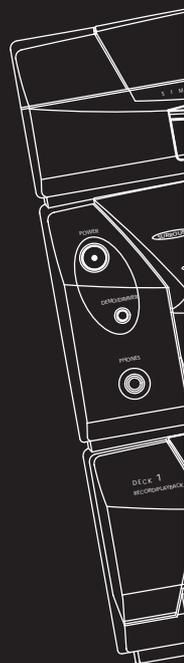
10330 North Meridian Street

Indianapolis, IN 46290-1024

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