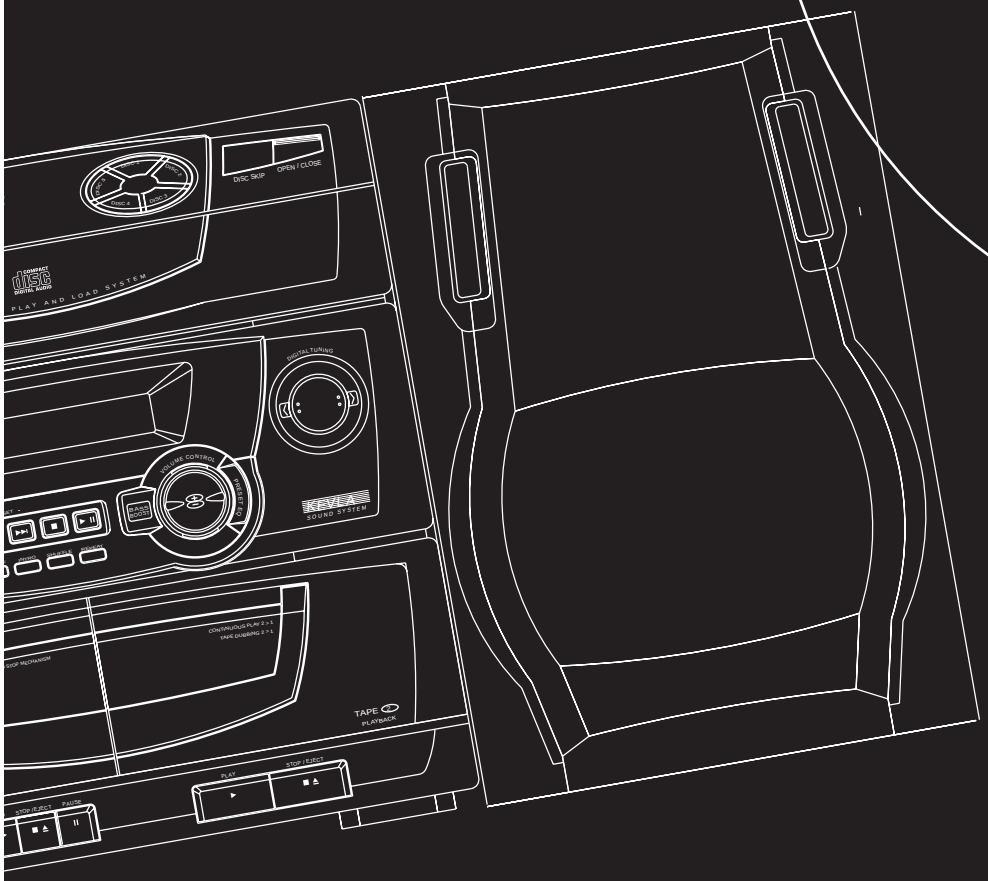
RCA

THOMSON

user manual



RS1285/RS1287/RS1289

RS3287

VTCD350/VTCD850/VTCD855

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

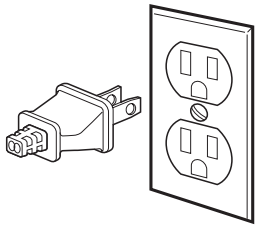
If this equipment does cause interference to radio or television reception (which you can determine by turning the equipment off and on), try to correct the interference by one or more of the following measures:

- 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.
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.

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

THE LIGHTNING FLASH AND ARROWHEAD WITHIN THE TRIANGLE IS A WARNING SIGN ALERTING YOU OF "DANGEROUS VOLTAGE" INSIDE THE PRODUCT.	**CAUTION** RISK OF ELECTRIC SHOCK DO NOT OPEN 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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RS1285/ RS1287/ RS1289
RS3287
VTCD350/ VTCD850
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INSTALLATION

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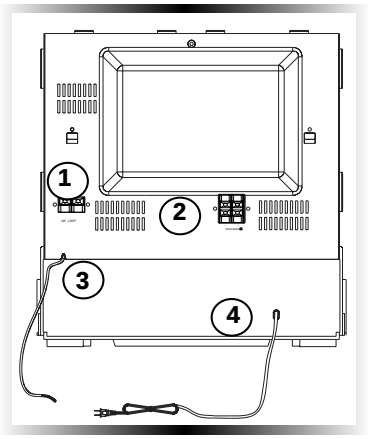
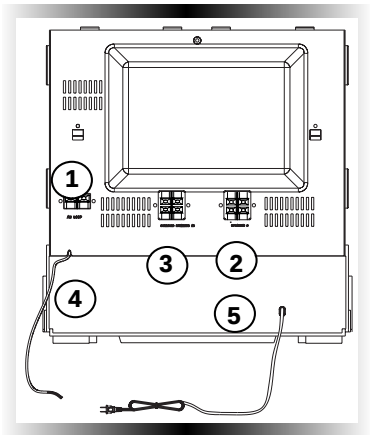
RS1285/ VTCD350



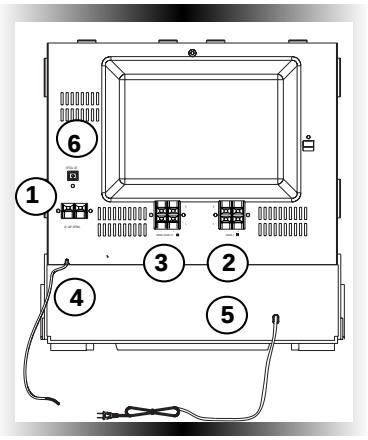
1. AM Loop Antenna Connector
2. Main Speaker Jacks
3. FM Antenna
4. Power Cord

RS1287/ RS1289/ RS3287



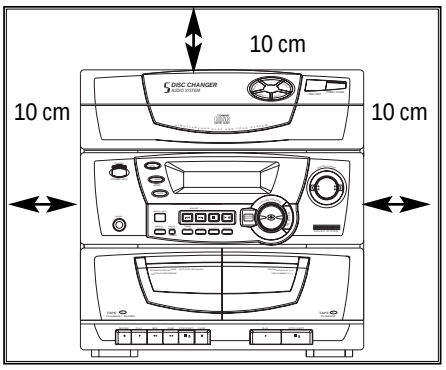
1. AM Loop Antenna Connector
2. Main Speaker Jacks
3. Surround Speaker Jacks
4. FM Antenna
5. Power Cord

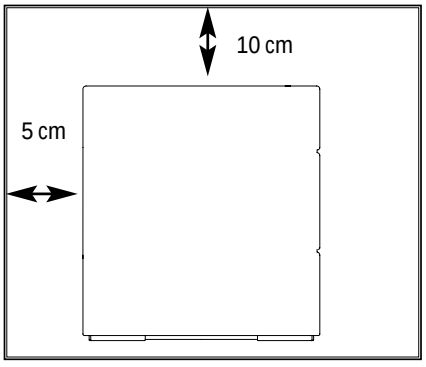
VTCD850/ VTCD855



1. AM Loop Antenna Connector
2. Main Speaker Jacks
3. Surround Speaker Jacks
4. FM Antenna
5. Power Cord
6. Optical Output

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





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CONTROLS & INDICATORS

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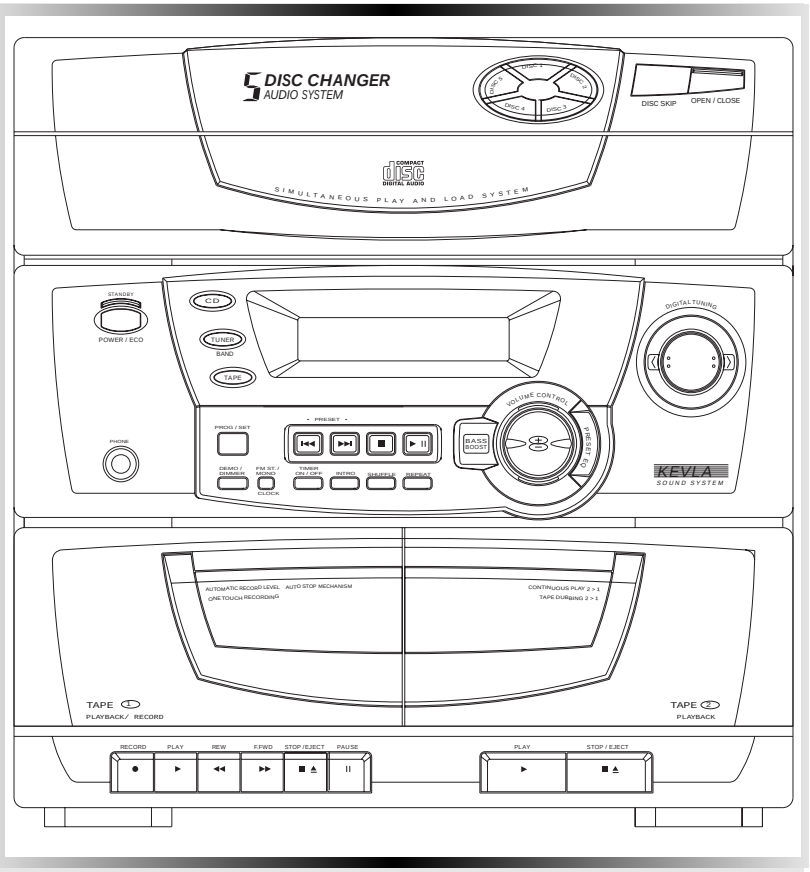
CD Player

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

POWER/ECO — Turns power on or off (STANDBY mode). Hold in **STANDBY** mode to enter ECO (power saving) mode.
PHONES — Jack for connecting headphone
CD — Selects the CD player
TUNER — Selects the tuner/ frequency band
TAPE — Selects the tape player
PROG/SET — Enters CD program mode/ tuner preset station mode
DEMO/DIMMER — Turns the feature demonstration on or off (DEMO/DIMMER for RCA models, **RDS DEMO/DIMMER** for Thomson models)



STOP — Stops CD playback and clears programmed tracks

SKIP FORWARD/ PRESET UP— Increments tuner preset station, CD track or numerical values

SKIP BACKWARD/ PRESET DOWN— Decrements tuner preset station, CD track or numerical values

PLAY/PAUSE — Plays or pauses CD

FM STEREO/ CLOCK — Toggles between FM stereo/ mono and shows clock time.
TIMER — Enters timer setting mode and turns the mode on/off
INTRO — Turns INTRO mode on or off to play the first 10 seconds of each track. (RDSTIME/INTRO on Thomson models)
SHUFFLE — Turns SHUFFLE mode on or off to play CDs randomly. (PTY/MIX for Thomson series)
REPEAT — Turns REPEAT mode on or off to repeat a track, a disc, or all discs
BASS BOOST — Turns bass boost among different bass boost levels
PRESET EQ — Toggles among **FLAT, JAZZ, ROCK, POP** & **CUSTOM** mode.
VOLUME — Increases/ decreases volume.
DIGITAL TUNING— Searches up/down frequency to next station

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CONTROLS & INDICATORS

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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 to select the corresponding mode. Look at the display icons to identify the current mode.

Tape Player

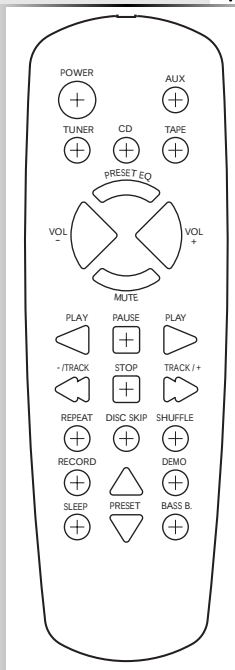
Tape 1:

RECORD
PLAY
REWIND
FAST-FORWARD
STOP/EJECT
PAUSE

Tape 2:

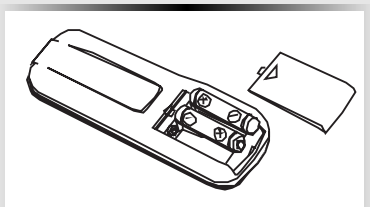
PLAY
STOP/EJECT

Remote Control



POWER — Turns system on/off (***STANDBY*** mode)
TUNER — Selects tuner
CD — Selects CD player
TAPE — Selects tape player
MUTE — Mutes volume
VOL+ or VOL- — Increases/ decreases volume
EQ PRESET — Selects equalizer presets
PLAY — Plays current CD
STOP — Stops playing CD
TRACK/ + — Increments CD track; searches CD
- / TRACK — Decrements CD track; searches CD **DISC SKIP** — Skips to next CD
REPEAT — (REPEAT/RDS — Thomson 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 — Thomson models) — Turns on/off random listening
BASS B. — Turns on or off Bass Boost
SLEEP — Press to select the time interval in minute before the unit turns off.
DEMO — Selects dimmer levers and activates demo display when keep pressing for 2 seconds
PRESET UP/DOWN — Selects next/ previous preset station

AUX & **RECORD** — do not function in this unit



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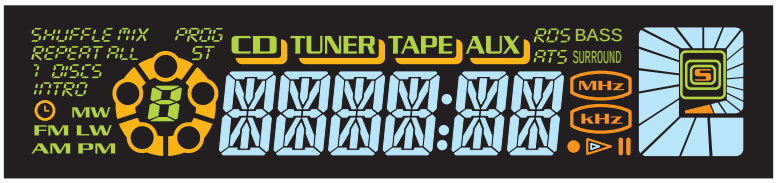


Showing the Demonstration

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

DISPLAY CLOCK/CLOCK

Setting the Time

1. Press **CLOCK** until the time flashes on the display (12-hour clock for RCS, 24-hour clock for Thomson).
2. Press **TUNING UP** or **DOWN** to set the hour and then press **PRESET UP/ DOWN** to shift to minute digits**.**
3. Press **TUNING UP** or **DOWN** 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 **TIMER** until the **ON, OF or VOL** flashes on the display (**ON** - timer on time, **OF** - timer off time, **VOL**- volume) (12-hour clock for RCA, 24-hour clock for Thomson).
2. For setting time (**ON** & **OF**), press **TUNING UP** or **DOWN** to set the hour and then press **PRESET UP/DOWN** to shift to minute digits**.**
3. Press **TUNING UP** or **DOWN** to set the minute.
4. For setting voulme, press **VOLUME**.
5. Press **SET** to save settings and **STOP** to quit setting.

Activating the Timer

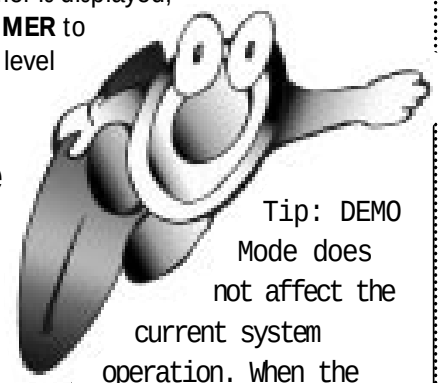
Press and release **TIMER** to turn on/off the alarm. The alarm is active when the clock icon indicator is lit. Note: if real time clock is not set, timer cannot be activated.

Adjusting the Display Brightness

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

Sleep Mode

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



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

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Sound Features

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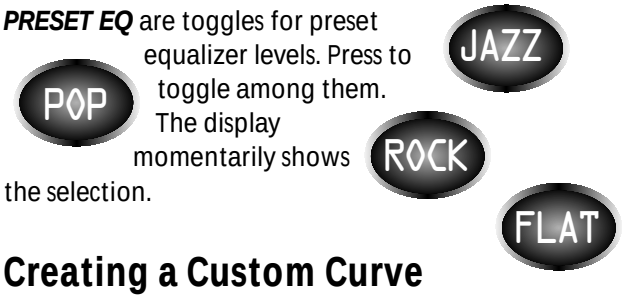
Using Preset Equalizer Curves

PRESET EQ are toggles for preset equalizer levels. Press to toggle among them. The display momentarily shows the selection.



Creating a Custom Curve

1. Press **PRESET EQ** to select **CUSTOM** mode.

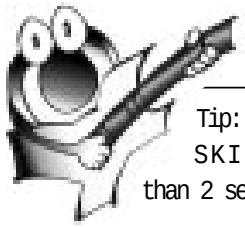
2. While "**CUSTOM**" is displayed, press **PRESET UP** or **DOWN** repeatedly to cycle among displayed bass-, mid-, and trebl - range levels.
3. While **BAS**, **MID**, or **TRE** is displayed, adjust **VOLUME** to set the associated gain between -10 - +10.

Boosting the Bass

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

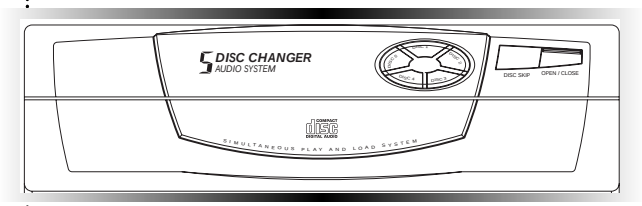
Muting Audio

Press **MUTE** on the remote to cut the sound.



Tip: While playing a CD, press and hold SKIP-FORWARD or BACKWARD 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**.

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. (**PTY/MIX** for Thomson 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.

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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. 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.

Playing a Program List

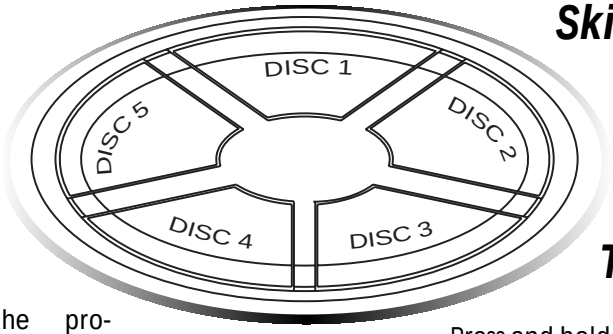
While in **PROGRAM** mode, press **PLAY**.

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 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.

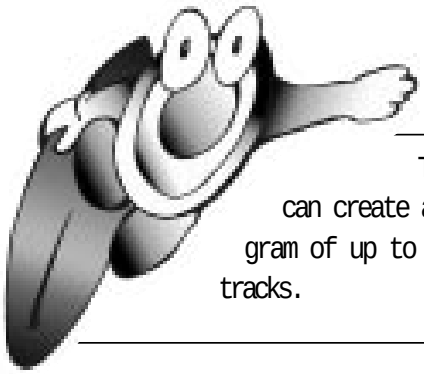


Skipping a Disk

Press **DISC SKIP.**

Searching Through a CD

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



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

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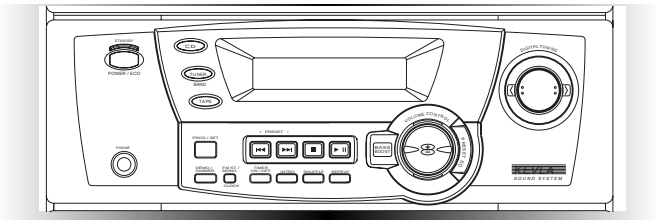


1. Press **TUNER** to select the radio.
2. Press **TUNER** to select the next radio band.
   Choices are:
   AM/FM (RCA models)
   FM/MW/LW, RDS (Thomson models)
   The tuner can be either TUNE or PRESET mode.
   When in PRESET mode, the PROG light is on.

Tip: Your audio system has 32 preset stations.

Tuning to a Station

Press **TUNING UP/ DOWN** to select frequencies.

Using Presets

Press **TUNING UP/ DOWN** to access the previous or next preset station. The display first shows the preset program number and after a few seconds, the frequency and then the preset program number again. (FMPR:01 is FM preset 1)

Auto Preset Programming

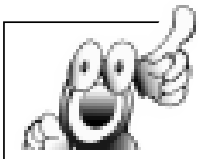
Press and hold **TUNER** button for 2 second to scan stations in the selected band. The stations will then stored as preset channels. Maximum 32 stations can be stored. Beware of your preset channels being erased accidentally because the scanning and storing process is automatic upon pressing **TUNER**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

Setting Presets

1. Press **TUNING UP/ DOWN** to access the desired frequency.
2. Press the **SET** button once.
3. The most recently accessed program location will be displayed together with a blinking program icon **(AMPR, FMPR, or LWPR.)**
4. If a different program location is preferred, press **PRESET UP/ DOWN** 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 STEREO** to toggle between FM mono and stereo for stereo FM stations.



Tip: Press DIGITAL TUNING UP/ DOWN for more than 1 second to automatically tune up/down the band for the next station.

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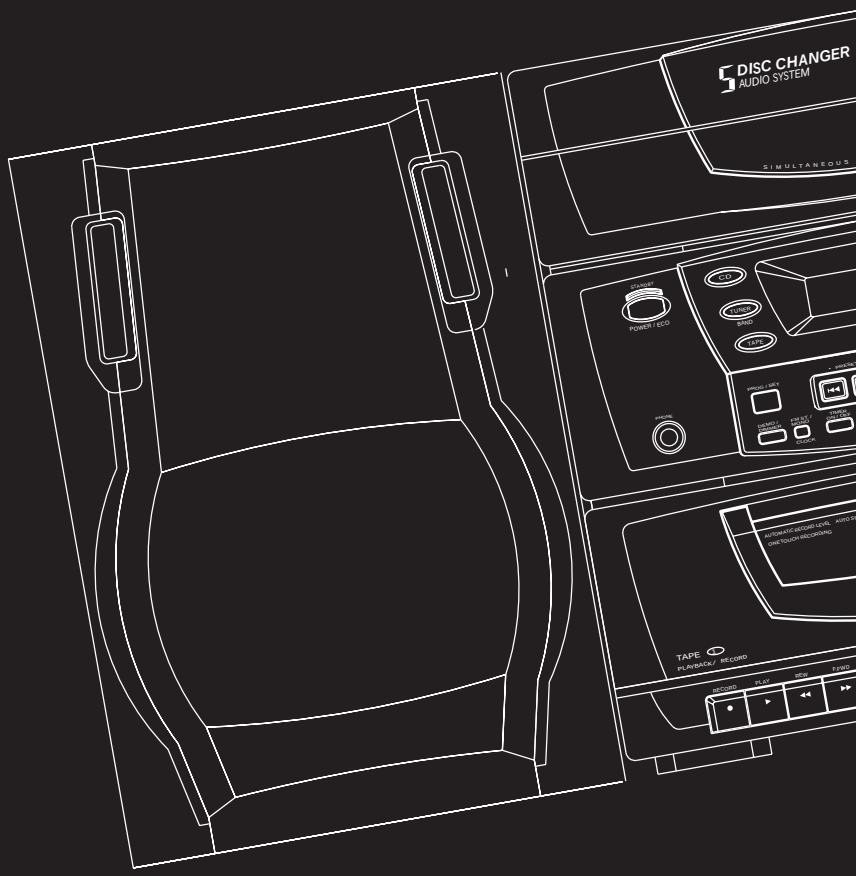

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