

RCA

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m a n u a l

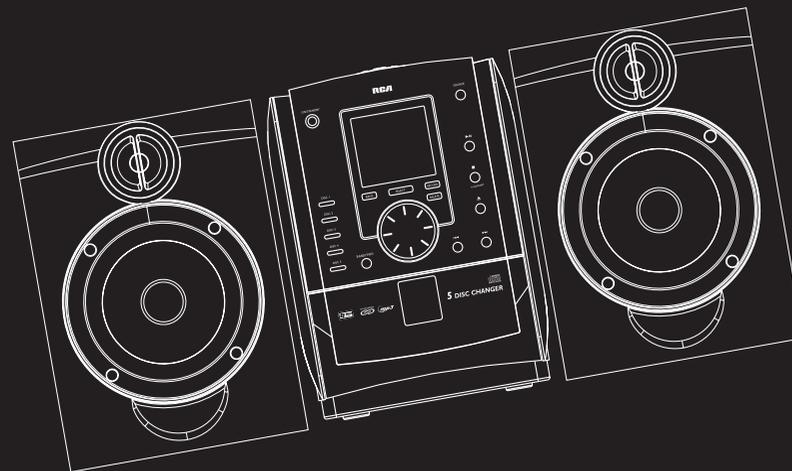
IMPORTADOR

Comercializadora Thomson de México, S.A. de C.V.
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Col. Roma. Delegación Cuauhtémoc
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RFC: CTM-980723-KS5

EXPORTER

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www.rca.com
Printed In China / Impreso en China

5626 0910 (EN/E)



RS2056

It is important to read this instruction book prior to using your new product for the first time.
Es importante leer este manual antes de usar por vez primera su equipo.

FCC Information

EN

FCC Information

This device complies with Part 15 of the FCC Rules. 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.

In accordance with FCC requirements, changes or modifications not expressly approved by Thomson Inc. could void the user's authority to operate this product. 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.

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

- Re-orient 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.

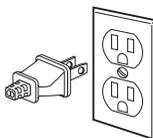
If these measures do not eliminate the interference, please consult your dealer or an experienced radio/television technician for additional suggestions. Also, the Federal Communications Commission has prepared a

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.

Main plug is used as the disconnect device, it shall remain readily operable and should not be obstructed during intended use. To be completely disconnected the apparatus from supply mains, the main plug of the apparatus shall be disconnected from the mains socket outlet completely.

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 headphones are in place.



For mp3 player only

This Class B digital apparatus complies with Canadian ICES-003.
Cet appareil numérique de la class B est conforme à la norme du NMB-003 du Canada

FCC Information

EN

Technical specification

Product: 5CD Audio System with mp3 Player
Brand: RCA
Model: RS2056 (Audio System) / RD2056A (mp3 player)

Electrical Consumption:

Power Supply: 120V~60Hz
Power consumption: 120 Watts

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Telefono: 52-55-11-020360
RFC: CTM-980723-K55

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.

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The descriptions and characteristics given in this document are given as a general indication and not as a guarantee. In order to provide the highest quality product possible, we reserve the right to make any improvement or modification without prior notice. The English version serves as the final reference on all products and operational details should any discrepancies arise in other languages.

Important 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 use your System immediately after transporting it from a cold place to a warm place, as condensation may cause the system to malfunction.
- Keep your unit away from humid areas and abnormally hot places.
- 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.
- 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.
- The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus.

- Minimum distances around the apparatus for sufficient ventilation .
- The ventilation should not be impeded by covering the ventilation opening with items, such as newspaper,table-cloths,curtains,etc.
- No naked flame sources,such as lighted candles,should be placed on the apparatus.
- Attention should be drawn to the environmental aspects of battery disposal .

Precautions for the mp3 Player

- Do not use the unit immediately after transportation from a cold place to a warm place; condensation problem may result.
- Do not store the unit near fire, places with high temperature or in direct sunlight.
- Do not operate or store unit in places with frequent static electricity or electrical noise (e.g. speaker, TV set).
- Clean the unit with a soft cloth or a damp chamois leather. Never use solvents.
- The unit must only be opened by qualified personnel.



Note:

This unit may temporarily cease to function if subjected to electrostatic disturbance. To resume normal operation, it may be necessary to cycle the power off and back on or to remove and reinstall the batteries.

Important Information

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 under the following circumstances:
 - 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 hear outside sounds, do not turn up the volume so high that you are unable to hear what is around you.

Caution While Driving

Use of headphones while operating an automobile or moving vehicle is not recommended and is unlawful in some states and areas. Be careful and attentive on the road. Stop operation of the unit if you find it disruptive or distracting while driving.

Please Respect the Environment!

Before throwing any batteries away, consult your distributor who may be able to take them back for specific recycling.

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.

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Getting Started

EN

Content of Box

- one main unit (with 2 main speakers);
- one remote control;
- one AM loop antennas;
- one mp3 Player;
- one pair of earphones
- one user manual;
- one safety leaflet;
- Owner registration Card.



Warning:

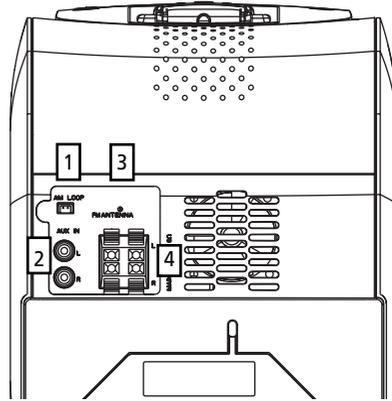
Use of this product is for your personal use only. Unauthorized recording or duplication of copyrighted material may infringe upon the rights of third parties and may be contrary to copyright laws.



Note:

Make sure the tracks are encoded in mp3 or Windows Media formats and supported bitrates. Bitrates supported by the player:
 mp3 - 32 to 320kbps
 wma - 48 to 160kbps

Connections of Antennas and Speakers



1. AM Loop antenna Jacks.
2. AUX IN.
3. FM Pigtail Antenna.
4. Main Speaker Jacks.

Getting Started

EN

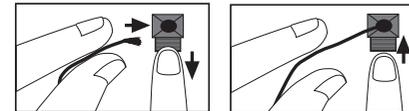
Using the FM and AM Antennas

Before you use your audio system, you'll want to make sure both the FM and AM antennas are positioned properly. Uncoil the FM antenna at the back of the unit, making sure it is fully extended (you may even want to tape it to the wall behind the unit if possible. The higher the better.) You'll also need to connect the AM antenna loop to the back of the unit if you listen to AM stations. Rotate the AM loop antenna for better reception.

Connecting the Speakers

Each speaker has a black (negative) and a red (positive) jack. When connecting the speakers, match the red wires to the red jacks and the black wires to the black jacks.

Speaker Wire Connection



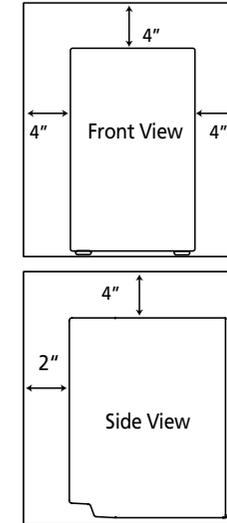
Push Speaker terminal tab down to insert wire.

Release tab to lock wire in the terminal.

NOTE: Make sure the insulation is completely removed from the ends of the speaker wires at all connection points.

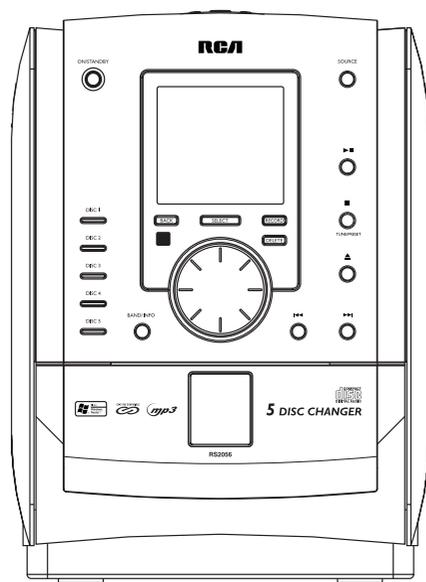
Installation

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



General Controls

EN Main Unit - Front View



ON/STANDBY - turns power on or off (STANDBY mode).



Tips:

In STANDBY mode, press

ON/STANDBY to turn the system on in the previously used mode. Press **SOURCE** to select the corresponding mode. Look at the display icons to identify the current mode.

SOURCE - selects among CD player, USB, tuner and AUX.

DISC 1 / DISC 2 / DISC 3 / DISC 4 / DISC 5 - direct access to the corresponding disc tray for playback.

▶|| (PLAY/PAUSE) - starts and pauses playback for CD and USB.

■ - stops CD and USB operations.

In Recording mode - stops recording;

In Tuner mode - selects tuner or preset mode.

▲ **(OPEN/CLOSE)** - Opens or closes the disc tray.

◀◀ **(SKIP BACKWARD)** - *In CD mode* - goes to the previous CD track and setting options; searches backward through CD;

In USB mode - skips to the previous file; searches backward through a file;

In Recording mode - selects ripping speed;

In Tuner mode - tunes down radio frequency.

▶▶ **(SKIP FORWARD)** - *In CD mode* - goes to the next CD track and setting options; searches forward through CD;

In USB mode - skips to the next file; searches forward through a file;

In Recording mode - selects ripping speed;

In Tuner mode - tunes up radio frequency.

BAND/INFO - *In CD mode* - selects display options to show track elapse time, track remain time or disc remain time. During recording, selects display options to show record time and remaining time.

In mp3 / WMA mode - shows ID3 tag.

In USB mode - shows memory usage.

In Tuner mode - selects radio band.

VOLUME CONTROL - adjusts volume (except in navigation mode).

In mp3 / WMA / USB navigation mode - rotate clockwise to navigate downwards and rotate counter-clockwise to navigate upwards.

SELECT - *In mp3 / WMA / USB stop mode* - enters navigation mode.

In navigation mode - navigates forward.

BACK - *In navigation mode* - navigates backwards.

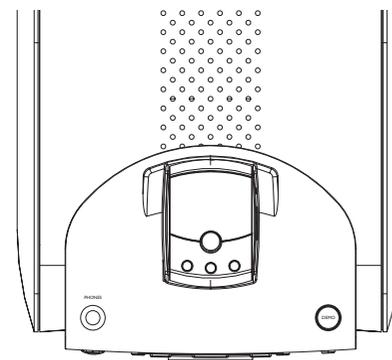
RECORD - starts and stops recording to the mp3 player.

DELETE - removes track from the Program List.

In USB mode - deletes file from the connected mp3 player.

General Controls

Main Unit - Top View



PHONES - jack for connecting headphones

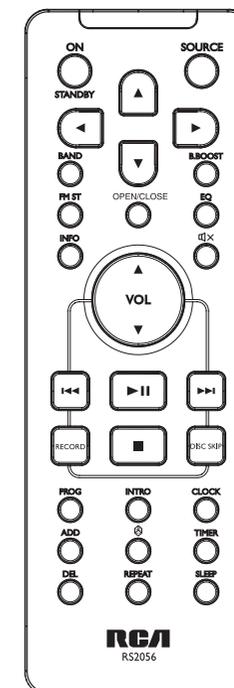
DEMO - activates and deactivates demonstration.



Note:

Refer to "mp3 Player" section on page 22-24 for mp3 player operation details.

Remote Control



ON/STANDBY - turns power on or off (STANDBY mode).

SOURCE - selects among CD player, tuner, USB and AUX.

BAND - *In Tuner mode* - selects radio band.

FM ST - Selects between stereo and mono sound in FM tuner mode.

INFO - *In CD mode* - selects display options to show track elapse time, track remain time or disc remain time.

In mp3 / WMA mode - shows ID3 tag.

In USB mode - shows memory usage.

OPEN/CLOSE - opens and closes disc compartment.

B. BOOST - turns on or off Bass Boost.

General Controls

EN

EQ - selects equalizer presets.

MUTE - mutes audio output.

VOL ▼ or ▲ - decreases or increases volume level.

▶ || (PLAY/PAUSE) - In CD / USB mode - starts and pauses playback.

◀◀ (SKIP BACKWARD) - In clock and timer setting mode - goes to the previous setting option.

In CD / USB mode - goes to the previous track/file; searches backward through CD/file;

In Recording mode - selects ripping speed;

In Preset Programming mode - selects channel number;

In Tuner mode - tunes down radio frequency.

▶▶ (SKIP FORWARD) - In clock and timer setting mode - goes to the next setting option.

In CD / USB mode - goes to the next track/file; searches forward through CD/file;

In Recording mode - selects ripping speed;

In Preset Programming mode - selects channel number;

In Tuner mode - tunes up radio frequency.

RECORD - starts and stops recording to the mp3 player.

■ - In CD / USB mode - stops playback.

In Recording mode - stops recording.

In Tuner mode - selects tuner or preset mode.

DISC SKIP - skips to the next disc in CD mode.

PROG - In CD / USB and Tuner mode - enters program mode.

INTRO - In CD / USB mode - turns intro mode on or off to play the first 10 seconds of each track / file.

CLOCK - displays clock time. Press and hold to enter clock setting mode.

ADD - In CD / USB mode - adds track / file to the Program List.

⊞ - In CD / USB mode - turns on/off random playback.

TIMER - enters timer setting mode. Activates and deactivates timer.

DEL - removes track from the Program List.

In USB mode - removes file from the connected mp3 player.

REPEAT - In CD mode - repeats a track, CD or all CDs.

In USB mode - Selects repeat one file, repeat all files mode.

SLEEP - selects the time interval in minutes before the unit turns off.

△ (UP) - In navigation mode - navigates upwards and move up a list.

In Recording mode - selects ripping speed;

In tuner mode - selects the next preset number.

▽ (DOWN) - In navigation mode - navigates downwards and move down a list.

In Recording mode - selects ripping speed;

In tuner mode - selects the previous preset number.

◀ (LEFT/BACK) - In navigation mode - navigates backwards.

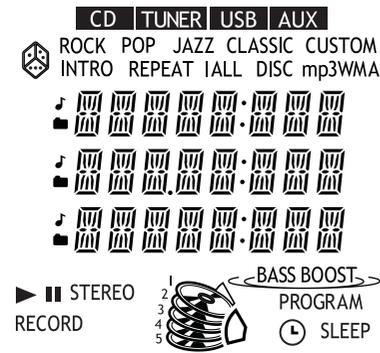
▶ (RIGHT/ENTER) - In navigation mode - navigates forward.

Installing Batteries

The remote control must be inserted with 2 "AAA" or "UM-4" or "R03" batteries prior to use. Follow the steps below to ensure correct installation.

1. Open the battery compartment door by pressing down on the tab and then lifting the door out.
2. Insert "AAA"(UM4) batteries in the compartment.
3. Replace the battery compartment door in place.

Display



CD / TUNER / USB / AUX - indicates the current mode.

⊞ - Random playback is activated in CD mode.

ROCK / POP / JAZZ / CLASSIC / CUSTOM - current equalizer setting.

INTRO - In CD mode, intro is activated so the first 10 seconds of each track will be played.

REPEAT 1 / REPEAT 1 DISC / REPEAT ALL DISC / ALL DISC - In CD mode, indicates the repeat option that is activated.

REPEAT 1 - repeats current track.

REPEAT 1 DISC - repeats current disc.

REPEAT ALL DISC - repeats all discs.

ALL DISC - plays all discs once.

MP3 / WMA - current CD format.

▶ - currently in playback mode.

▶ || - currently in pause mode.

STEREO - In FM tuner mode, indicates stereo sound is selected.

RECORD - recording is activated.

BASS BOOST - bass boost is activated.

PROGRAM - in program mode.

⌚ - timer is activated.

SLEEP - sleep is activated.

⊞ - the corresponding disc icon lights to show which disc compartment is loaded. The current playing disc will flash.

♪ - the item is a music file.

■ - the item is a folder.

Settings

Showing Demonstration

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



Note:

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

Setting the Clock

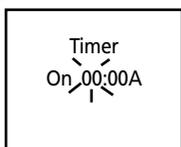
1. Press and hold **CLOCK** on the remote control until the hour flashes on the display.
2. Press ◀◀ or ▶▶ to set the hour and then press **CLOCK** to shift to minute digits.
3. Press ◀◀ or ▶▶ to set the minute.
4. Press **CLOCK** to save settings and ■ to quit setting.

Settings

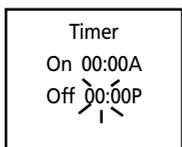
EN Setting the Timer

You can turn on/off the unit or record TUNER at preset times by setting the timer.

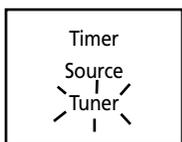
1. Press and hold **TIMER** on the remote control until Timer On and the clock hour flashes on the display.



2. For setting time, press **◀** or **▶** to set the hour and then press **TIMER** to shift to minute digits.
3. Press **◀** or **▶** to set the minute.
4. Press **TIMER** to change to Timer Off setting with clock time flashing. Repeat steps 2 & 3 for timer off time setting.

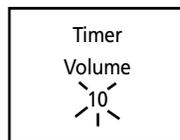


5. Press **TIMER** to select source. Press **◀** or **▶** to select TUNER / TUNER REC / DISC / USB.



If TUNER REC is selected, press **◀** or **▶** to select the preset station.

6. Press **TIMER** to set volume. Adjust **VOLUME CONTROL** to select desired volume level.



7. Press **TIMER** to save settings. Press **■ TUNE MODE** to quit setting. The timer is automatically activated once timer setting is saved.



Tips:

"TUNER REC" settings are for Program Recording. For more information, see paragraph below.

Activating the Timer

Press and release **TIMER** to turn on/off the alarm. The timer icon ☀ is displayed when timer is activated.

Program Recording

Use Program Recording to preset the unit to record your favorite radio program.

Choose TUNER REC as the source to record radio at the preset time. Make sure the mp3 player is connected and have enough memory space.

Settings

Sleep Timer

You can select the time interval in minutes before the unit turns off automatically.

Press **SLEEP** to select among OFF, 120, 90, 60, 45, 30, 15 and 5 minutes.

The SLEEP icon lights on the display when sleep timer is activated.

View Remaining Sleep Time

When sleep is activated, press **SLEEP** once to view remaining sleep time.

Adjust Sleep Time

Press **SLEEP** again when the remaining sleep time is displayed to change sleep time.



Note:

Sleep is automatically de-activated when the unit is turned off.

Sound Features

Volume Control

Rotate the volume control on the main unit or press **VOL ▲** or **▼** on the remote control to adjust volume level. The volume level shows briefly on the display.

Bass Boost

Press **B.BOOST** to turn on/off boosting the bass frequency. The BASS BOOST icon lights on the display when it is activated.

Muting Audio

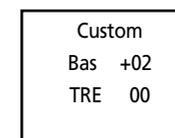
Press **⏏** on the remote to cut the sound (Remote Only). MUTE flashes on the display.

Using Preset Equalizer Curves

Press **EQ** to toggle among FLAT, ROCK, POP, JAZZ, CLASSIC and CUSTOM. The display shows your selection briefly and the relative icon lights on the display.

Creating a Custom Curve

1. Press **EQ** to select CUSTOM mode.
2. While CUSTOM is displayed, press **◀** or **▶** to cycle among displayed bass and treble range levels.
3. While BAS and TRE is displayed, adjust volume control to set the associated gain between -10 - +10.
4. Press **EQ** to exit.



CD and mp3 Disc Playback

EN

Important CD and mp3/WMA Information



This unit is compatible with CD-RW/ CD-R discs for playback.



Notes on CD-R/RW Disc:

- Do not affix any type of labels to either side (recordable or labeled side) of a CD-R/RW disc as this may result in the unit malfunctioning.
- To avoid damages to the CD-R/RW disc, do not open the disc compartment door while the disc is being read.
- Do not load an unrecorded CD-R/RW disc into the unit. This may take a longer time to read the disc.
- **Playback capability for CD-RW discs may vary due to variations in the quality of the CD-RW disc and the recorder used to create the disc.**



Notes on mp3/WMA Disc:

- Use .mp3 as the extension when converting audio files into mp3 for saving onto CD-R(W) or CD-ROM, e.g. Abc08.mp3. Do not use any other extension e.g. .doc, .pdf.
- Do not use the .mp3 extension for other text or non-audio data files as this may result in serious malfunction and harmful noise interference.
- For better quality in mp3/WMA disc playback, the CD quality should be recorded 128kbps or above.
- Disc data size > 650MB is not recommended.
- Total files and folders in the disc should not exceed 250, it also depends on the length of the file/folder names.
- For mixed mode discs, only one mode will be selected for playback depending on the recording format.
- To ensure good performance, wait until the disc changer completely reads the disc before proceeding.
- mp3 files in CD ROM EXTRA format disc cannot be recognized.

CD and mp3 Disc Playback

EN

Loading Discs

1. Press **SOURCE** repeatedly to select CD mode.
2. Press **OPEN/CLOSE** ▲ to open the disc compartment.
3. Insert up to 5 discs with label face up.
4. Press **OPEN/CLOSE** ▲ again to close the disc compartment.

The occupied disc tray icons lights on the display and the current disc icon flashes on the display. If the disc is a mp3 / WMA CD, the respective MP3 and WMA icon lights on the display.



Note:

Be sure to remove all discs from the disc compartment before moving or transporting the unit!

Play and Pause Discs

- **To play all discs in the disc compartment**, - press ► in stop mode to begin playback.
- **To play a specific disc in the disc compartment**, - press **DISC 1 - DISC 5** to play the corresponding disc. During mp3 / WMA playback, the display show ID3 tags (Title, Artist and Album).

Audio CD	mp3 / WMA CD
01 0:50	0:00 File Nm ID3 tag

- Press ►|| during playback to pause disc. Press again to resume.
- **To play a specific track in the disc**
Press ◀◀ or ▶▶ to select a track and then press ► to start playback.

Play and load simultaneously by:

1. Press **OPEN/CLOSE** ▲ to open the disc tray while a CD is playing.
2. Load/change discs for available trays.
3. Press **OPEN/CLOSE** ▲ again to close the tray.

Stop Playback

During playback, press ■ to stop playback. The unit returns to navigation mode briefly (approx. 10 seconds) before entering stop mode.

Navigation mode:

Audio CD	mp3 / WMA CD
01 3:31 02 3:50 03 4:08	ROOT Folder 1 Folder 2

Stop mode:

Audio CD	mp3 / WMA CD
Audio CD 10 Tracks 74:30	MP3/WMA 300Tracks



Attention:

Do not push to force closing of the tray during CD playback or tray opening.

CD and mp3 Disc Playback

EN



Tips:

In CD stop mode, press **▷** to enter navigation mode and show disc menu.

In CD navigation mode, press **◁** to return to stop mode.

For advanced navigation controls, see p.20-21.

Selecting a Disc

Press **DISC 1**, **DISC 2**, **DISC 3**, **DISC 4** or **DISC 5** on the main unit or **DISC SKIP** on the remote control to skip discs.

Searching Through a CD

- Press **◀** or **▶** to skip to the previous or next track.
- Press and hold **◀** or **▶** to search through a CD while it is playing.

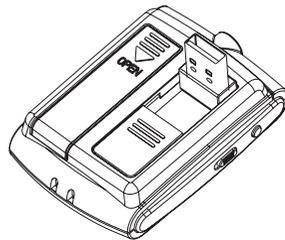
Program Playback

Refer to page 18 for details.

USB Playback

Connecting mp3 Player to the Main Unit

1. Slide the USB cover down to show the USB connector on the back of the player.
2. Turn the USB port out.
3. Insert the USB port on the back of the mp3 player into the USB connector on the top of the unit.



USB Playback

Selecting USB Mode

Press **SOURCE** repeatedly to select USB mode.

USB Playback Features Start and Pause Playback

Press **▶||** to start and pause playback.

Stop Playback

Press **■** to stop playback operations. The unit enters navigation mode for 10 seconds before entering stop mode.

Stop Mode	Navigation Mode
MP3/WMA 10 Tracks	- ROOT - RECORD - Song 1

Skipping Files

- Press **◀** or **▶** to skip to the previous or next file.
- Press and hold **◀** or **▶** to search through a file while it is playing.

Memory Usage

Press **BAND/INFO** on the main unit or **INFO** on the remote to view memory usage on the USB device.

Mem Usage
141M Used
115M Free

EN



Tips:

In stop mode, press **▷** to enter navigation mode and show disc menu.

In navigation mode, press **◁** to return to stop mode.

For advanced navigation controls, see p.20-21.

Radio

EN

Selecting Tuner Band

1. Press **SOURCE** to enter Tuner mode.
2. Press **BAND** to select between FM or AM Radio band.



Tips:

Your audio system has 32 preset stations.

Tuning to a Station

Press **◀** or **▶** to select frequencies. Press and hold **◀** or **▶** to scan frequencies.

Using Presets

The tuner can be in either TUNE or PRESET mode.

- Press **■** to toggle TUNE and PRESET mode.
- Press **◀** or **▶** to access the previous or next preset station.

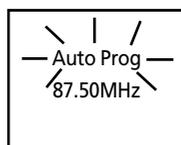
Preset 01
87.50MHz



Tips: Under PRESET mode, press **◀** or **▶** can only access the preset stations. Manually tuning is not accessible in this mode.

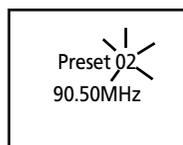
Auto Preset Programming (FM only)

Press and hold the **BAND** button for 2 seconds to scan stations in FM band. The stations will then be stored as preset channels. A maximum of 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.



Manually Setting Presets

1. Press **■** to enter TUNE mode.
2. Press **◀** or **▶** to access the desired frequency.
3. Press the **PROG** button once and the most recently accessed program location flashes on the display.
4. If a different program location is preferred, press **◀** or **▶** to move to the desired preset number (1-32).
5. Press **PROG** to store the selected frequency at that preset.



Suppressing Stereo Signal

Press **FM ST** to toggle between FM mono and stereo mode. (Remote Only) "STEREO" is displayed in stereo mode.

Recording to mp3 Player

You can record CD, Tuner or AUX files to the mp3 player.

Recording CD to mp3 Player Normal/High Speed Recording

1. Connect the mp3 player to the USB port, "USB Connected" will show on the display.
2. In CD stop mode or navigation mode, press **RECORD**.
3. Press **△**, **▽**, **◀** or **▶** to select Normal or High Speed.

Rec. Speed
Normal
> High



Note:

High speed recording mode can save time when recording from CDs. It is normal that the pitch is increased during high speed recording.

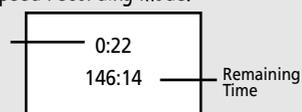
4. Press **SELECT** to confirm selection. The unit will enter recording standby mode. This is indicated by the RECORD icon flashes on the display.
5. Press **▶** to start playback and recording will begin. This is indicated by the RECORD icon on the display.
6. Press **■** to stop recording.



Tips:

To view elapsed recording time and remaining time, press **BAND/INFO** on the main unit or **INFO** on the remote in normal speed recording mode.

Elapsed recording time



Remaining Time

EN

Example (Record one CD):

In CD stop mode or CD pause mode, press **RECORD**. Select Normal/High speed using **△**, **▽**, **◀** or **▶**, then press **SELECT** and **DISC 1** to **DISC 5** to start recording the corresponding disc.

Example (Record all 5 CDs):

In CD stop mode or CD pause mode, press **RECORD**. Select Normal/High speed using **△**, **▽**, **◀** or **▶**, then press **SELECT** and **▶** to start recording (Make sure "All Disc" mode is selected).

Example (Record only selected tracks from a CD):

1. Create a CD program by following instructions under "Setting Up a Program List" on page 18.
2. In CD stop mode or CD pause mode, press **RECORD**. Select Normal/High speed using **△**, **▽**, **◀** or **▶**, then press **SELECT**.
3. Press **PROG** and then **▶** to enter program playback mode. Playback and recording begins automatically. The PROGRAM and RECORD icons light on the display.
4. Press **■** to stop recording.



Tips:

If CD playback is already started, recording will begin instantly when **RECORD** is pressed. If CD playback is stopped, select Normal/High Speed using **△**, **▽**, **◀** or **▶**, then press **SELECT** and **▶** to start recording. Recording will not start until CD starts playback.

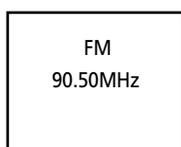
Recording to mp3 Player

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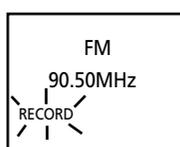
Recording Tuner/AUX to mp3 Player

- In Tuner or AUX mode, press **RECORD** to start recording.

In Tuner mode



Recording



Note:

The encoding bitrate for tuner, CD and AUX signal are as below:
 CD / Aux : 128 kbps
 Tuner : 96 kbps

Example:

- In Tuner mode, select the station to record (refer to page 15 for details).
- Press **RECORD** to start recording.
- Press **■** to stop recording.

Program Recording

Use Program Recording to preset the unit to record your favorite radio program. Refers to "Program Recording" on page 9.



Tips:

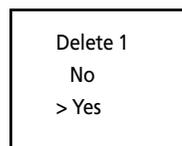
Recording stops automatically when CD stops (For example: end of disc is reached).

Deleting Files from mp3 Player

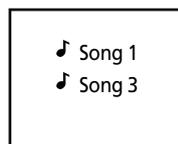
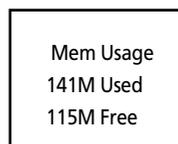
- In navigation mode, select the file to delete using the navigation buttons (Refer to "Advanced Navigation Controls" on page 20 for details.)



- Press **DELETE** on the main unit or **DEL** on the remote control.



- Rotate the Volume button on the main unit or press **△** or **▽** on the remote control to select Yes to delete or No to cancel.
- Press **SELECT** on the main unit or **▷** on the remote control to confirm selection. If Yes is selected, the display shows memory usage information after deleting selected file for a few seconds, then returns to navigation menu.



Deleting All Files

In navigation mode, press and hold **DELETE** on the main unit or **DEL** on the remote control to delete all the files on the mp3 player.

Advanced Playback Controls

In CD / USB mode, advanced playback controls allow you to sample, repeat, randomly playback files and set up a Program List. In USB mode, allow you to rename tracks.

Sampling Tracks

Press **INTRO** on the remote control to play the first 10 seconds of each track on the current disc, all discs in the tray, or turn intro mode off. **INTRO** is displayed when sampling is activated.

Repeat

Press **REPEAT** on the remote control to toggle repeat options:

Repeat the current track (REPEAT 1),
 Repeat current disc (REPEAT 1 DISC),
 Repeat all discs (REPEAT ALL DISC), or
 Normal playback (ALL DISC).

Random Playback

Press **SHUFFLE** on the remote control to turn on/off random playback. The **SHUFFLE** icon is displayed when it is activated.

All the tracks on one disc will be shuffled and played once before shuffling and playing tracks from the next disc.

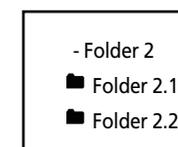


Tips:

Random playback can be activated simultaneously with repeat 1 disc (randomly play tracks from one disc repeatedly) or repeat all discs (randomly play tracks from all discs repeatedly).

Setting Up a Program List

- In navigation mode, press **DISC SKIP** to select disc.
- Use the navigation buttons to select the track / file to add to Program List.
- Press **ADD** to save the selected track into the next available program location.
- Repeat steps 1 to 3 to store more tracks into program memory.



Note:

You can create a program of up to 32 tracks.



Tips:

In CD stop mode, press **PROG** to toggle between program mode and normal mode.



Note:

Each source mode has an individual My Selection playlist.

Advanced Playback Controls

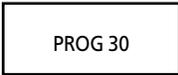
EN

Playing a Program List

While in PROGRAM stop mode, press **▶||**.
If you are not currently in program mode, press **PROG** to enter program mode.

Display Program List

1. While the CD player is stopped, press **PROG** to enter PROGRAM mode.
To display program list, press **■**.



PROG 30

2. Press **△** / **▽** repeatedly to view each track assignment in the program list.

Deleting from Program List

1. While in PROGRAM mode, press **△** or **▽** to select the program to delete.
2. Press **DEL**.
3. Press **△** or **▽** to select between No and Yes.
4. Press **▷** to confirm selection.

Deleting the Entire Program List

1. While in PROGRAM mode, press **△** or **▽** to select the program to delete.
2. Press and hold **DEL**.

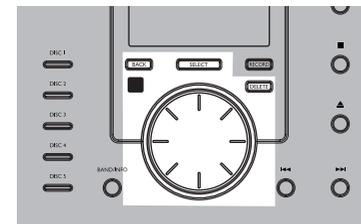
Renaming Tracks

You can rename tracks in USB device or mp3 player.

1. In USB navigation mode, press **PROG** on the remote control to enter rename mode.
2. Press **△** or **▽** to select alphabets.
3. Press **SELECT** to confirm the current alphabet and move to the next alphabet.
4. Press **PROG** to confirm and store the new file name after editing the last alphabet.
5. Press **BACK** to edit the previous alphabet.
6. Press **DELETE** to delete the alphabet.

Advanced Navigation Controls

File Navigation Main Unit



SELECT - enters navigation mode from mp3 / WMA / USB stop mode.

Enters selected folder in navigation mode.
Begins playback of the selected file in navigation mode.

BACK - goes back up one level in navigation mode; returns to stop mode from navigation mode when at root level.

DELETE - In mp3 / WMA / USB navigation mode - removes the selected file from the Program List.
In USB mode - deletes selected file.

Volume Control - rotate clockwise to navigate downwards.

Rotate counter-clockwise to navigate upwards.

Remote Control



◀ (LEFT / BACK) - navigates backwards.
Returns to the previous navigation menu level.
Returns to stop mode from navigation mode.

▶ (RIGHT / ENTER) - navigates forward.
Enters navigation mode from mp3 / WMA / USB stop mode.

Enters current folder and shows the first file/folder from current folder.

△ (UP) - navigates upwards.

Enters navigation mode from mp3 / WMA / USB stop mode.
Selects previous file/folder on the navigation menu.

In Recording mode - selects the ripping speed.

▽ (DOWN) - navigates downwards.

Enters navigation mode from mp3 / WMA / USB stop mode.

Selects next file/folder from the navigation menu.

In Recording mode - Selects the ripping speed.

ADD - In mp3 / WMA / USB navigation mode - adds the selected file into the Program List.

DEL - In mp3 / WMA / USB navigation mode - removes the selected file from the Program List when reviewing program.

In USB mode - removes file from the connected mp3 player.

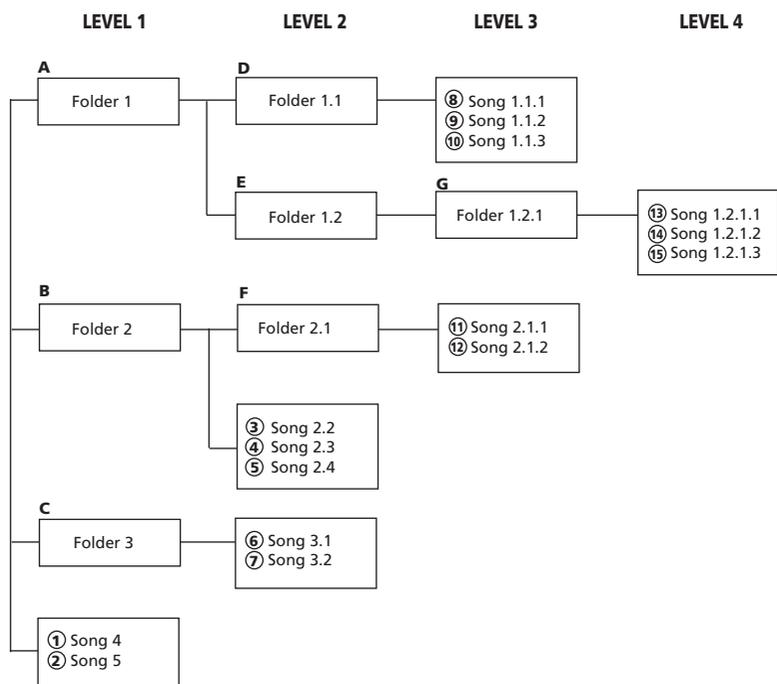
Advanced Navigation Controls

EN



Tips on Playback Sequence of Disc

- Check that the mp3/WMA disc is created with a single folder structure. Refer to the diagram below for playback sequence details on multi-level folder structure.
- For example, folders and songs from level 2 are played before moving on to play folders and songs from level 3.



Note:

- Folder playback sequence is indicated by the letters A to G.
- Song playback sequence is indicated by the numbers (1 to 15) in front of the song name.

mp3 Player

Inserting battery into the player

1. To insert battery, push the battery door away from the unit and lift the battery door out.



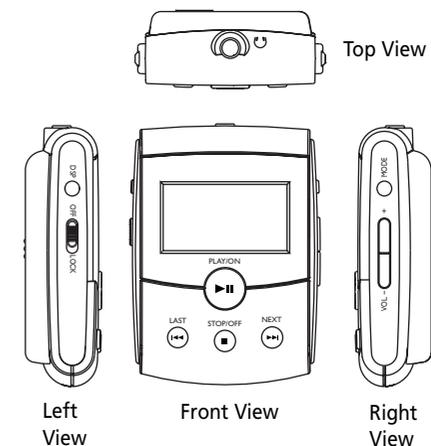
2. Insert a "AAA"(UM4) battery with polarities corresponding to the indications in the compartment. (Refer to "Before You Begin" for important battery information.)
3. Replace the door to the battery compartment.



Note:

This unit may temporarily cease to function if subjected to electrostatic disturbance. To resume normal operation, it may be necessary to cycle the power off and back on or to remove and reinstall the batteries.

General Controls



Front view

PLAY / ON ►■ - turns the unit on. Starts and pauses music playback.

STOP / OFF ■ - press and hold to turn off the unit. Stops music playback.

LAST ◀◀ - skips to the previous song or the beginning of the current song. Press and hold to scan backwards.

NEXT ▶▶ - skips to the next song. Press and hold to scan forward.

Right View

VOL + / - - increases and decreases the volume level.

MODE - selects among playback options. (repeat all, random playback, repeat random playback, program and repeat program)

Left View

DSP - selects among DSP modes (Flat, Bass, Pop, Rock, Jazz)

OFF / LOCK - slide the lock switch to the LOCK position to avoid accidental key activation.

Slide it to the OFF position to release key lock.

EN

mp3 Player

EN

Top View

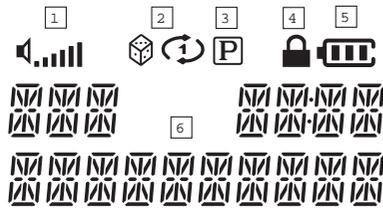
Headphones Jack - Insert headphones here.

Back View

USB port - Use the USB port to connect to the Audio System.

Battery Compartment - Insert battery here.

Display Overview



- Shows current volume level.
- The relative play mode indicator lights to show current selection.
 - repeat track
 - repeat all
 - random playback
 - repeat random playback
- Program mode.
- The lock icon is displayed when the key lock function is activated.
- The battery indicator shows the battery level.
- This section shows song information.

The information in this section presumes you've successfully transferred files to your Lyra Player, and you're ready to play some music.

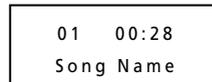
Turn On the mp3 player

Press **▶||** to turn the unit on. Playback starts automatically from the first track.

mp3 Playback Features

Play / Pause

- When the unit is off, press **PLAY / ON ▶||** to turn the unit on. Playback starts automatically from the first track.
- In stop mode, press **PLAY / ON ▶||** to start playback of selected track. Current track number, elapsed playback time and track title show on display.



- To pause playback, press **PLAY / ON ▶||** during playback. Press **PLAY / ON ▶||** again to resume playback.

Stop Playback

- During playback, press **STOP / OFF ■** to stop playback. The total number of tracks is display.
- Press **STOP / OFF ■** in stop mode to turn the unit off.



Note:

The unit automatically turns off after about 1 minute if there is no key activation.

mp3 Player

EN

Skipping Tracks

- To skip to the next track, press and release the **NEXT ▶▶** button.
- To go to the previous track, press and release the **LAST ◀◀** button.



Note:

If the elapsed time of the playing track is less than 0:04, pressing Skip backward once will return to previous track.

If the elapsed time of the playing track is more than 0:04, pressing Skip backward once will return to the beginning of the current track.

Scan Tracks

- To scan backwards in the track that is playing, press and hold the **LAST ▶▶** button.
- To scan forwards in the track that is playing, press and hold the **NEXT ◀◀** button.

Adjusting the Volume

- To turn up the volume, press the **VOL +** button.
- To turn down the volume, press the **VOL -** button.

Refer to the volume indicator on the display to show volume level adjustment.

Key Lock

- To avoid accidental key activation, slide the key lock switch on the back of the unit to the LOCK position. The Lock icon can be seen on display.
- Slide to the switch to the OFF position to unlock keys.



Note:

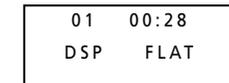
When the unit is in off mode and the key lock switch is at the LOCK position, pressing the **PLAY / ON** key will cause the display to show the key lock icon for three seconds.

DSP

Press the **DSP** button repeatedly to select among DSP modes:

FLAT > BASS > POP > ROCK > JAZZ

The current selection shows briefly on the display.



Play modes

During playback, press **MODE** repeatedly to select among the following playback modes:

Normal playback

Repeat Track -

Repeat All -

Random Playback -

Repeat Random Playback -

Check for Updates

Visit <http://www.rca.com/digitalaudidownloads> for the latest news and firmware upgrades for our Lyra Digital Audio Player. You must update your system after new downloads have been made in order for the new applications to be executed.

Frequently Asked Questions

You can get FAQ information at www.rca.com/digitalaudiofaq.

Troubleshooting Tips

EN Main Unit

Problem	Solution	Problem	Solution
<i>System will not turn on</i>	<ul style="list-style-type: none"> 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. 	<i>CD sound skips</i>	<ul style="list-style-type: none"> 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. Make sure the speakers are at least 3 feet away or on a different surface from the main unit.
<i>No sound</i>	<ul style="list-style-type: none"> Increase the volume setting. Check connection to speakers. Check that you have selected the appropriate function: CD, Tuner. Make sure mute is off. Make sure headphones are not plugged in. 	<i>CD button will not respond, or does not change discs when you press DISC SKIP</i>	<ul style="list-style-type: none"> Switch to another function (Tuner) and then back to CD.
<i>Poor radio reception</i>	<ul style="list-style-type: none"> Check antenna connection. Move antenna. Turn off nearby electrical appliances, such as hair dryer, vacuum cleaner, microwave, fluorescent lights. 	<i>Remote control does not work</i>	<ul style="list-style-type: none"> 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.
<i>CD does not play</i>	<ul style="list-style-type: none"> 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. Try another CD. 		

Troubleshooting Tips

mp3 Player

EN

Problem	Solution	Problem	Solution
<i>The player does not turn on when PLAY button pressed.</i>	<ul style="list-style-type: none"> Battery may be inserted incorrectly. Battery may be empty. 	<i>What does the PlaysForSure logo mean?</i>	<p>PlaysForSure is a new logo program from Microsoft®. Consumers can match the PlaysForSure logo on a large selection of devices and online music stores. If you see the logo, you'll know your digital media will play for sure.</p> <p>For more information on the Microsoft PlaysForSure program, visit www.PlaysForSure.com. For more information on RCA PlaysForSure devices, visit www.rca.com.</p>
<i>Skipping tracks or bad sound quality?</i>	<ul style="list-style-type: none"> Repeat or random function may be activated. There may be strong magnetic fields (e.g. too close to TV) near the unit. Low Battery level. Replace with new one. 	<i>USB display does not appear when connected to computer.</i>	<ul style="list-style-type: none"> Check connection between your unit and the computer.
<i>Cannot perform playback?</i>	<ul style="list-style-type: none"> LOCK function may be activated. There may be no mp3 tracks in the internal memory. 	<i>The player does not respond to key operations?</i>	<ul style="list-style-type: none"> To reset the unit, turn the player off by removing the battery. Reinsert the battery properly and turn the player on again to resume normal operations.
<i>Cannot playback tracks on the player.</i>	<ul style="list-style-type: none"> Make sure audio tracks are encoded in the mp3 or Windows Media formats at supported bitrates. Bitrates support by the player: mp3 – 32 to 320 kbps wma – 48 to 160 kbps <p>Check the website and/or application help system of the music download service provider from where the content was purchased for license acquisition details.</p> <p>For more information on how license acquisition works, go to www.microsoft.com/windowsmedia/drm.</p>		



Note:

This unit may temporarily cease to function if subjected to electrostatic disturbance. To resume normal operation, it may be necessary to cycle the power off and back on or to remove and reinstall the batteries.

Maintenance

EN

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.

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.

Technical Specification

Power supply: 120V~60Hz

Dimensions (H x W x D inches):

Unit size - 11 x 7.3 x 12

Speaker - 11.5 x 7.8 x 8.6

CD player: Response curve (+/- 2dB): 60Hz to 5kHz

Rating Plate: Look for it at the back of the set.

Maximum size of Mass Storage Class device supported: 20 GB

Limited Warranty (U.S.)

EN

What your warranty covers:

- Defects in materials or workmanship.

For how long after your purchase:

- One year from date of purchase for labor and parts
- 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.
- Show the Authorized Service Center Representative your evidence of purchase date or first rental.
- Pick up your unit when repairs are completed.
- Proof of purchase in the form of a bill of sale or receipted invoice which is evidence that the product is within the warranty period must be presented to obtain warranty service. For rental firms, proof of first rental is also required.

What your warranty does not cover:

- Customer instruction. (Your Owner's Manual 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.
- Acts of nature, 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.

Limitation of Warranty:

- THE WARRANTY STATED ABOVE IS THE ONLY WARRANTY APPLICABLE TO THIS PRODUCT. ALL OTHER WARRANTIES, EXPRESS OR IMPLIED (INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) ARE HEREBY DISCLAIMED. NO VERBAL OR WRITTEN INFORMATION GIVEN BY THOMSON INC., ITS AGENTS OR EMPLOYEES SHALL CREATE A WARRANTY OR IN ANY WAY INCREASE THE SCOPE OF THIS WARRANTY.
- REPAIR OR REPLACEMENT AS PROVIDED UNDER THIS WARRANTY IS THE EXCLUSIVE REMEDY OF THE CONSUMER. THOMSON INC. SHALL NOT BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OF THIS PRODUCT OR ARISING OUT OF ANY BREACH OF ANY EXPRESS OR IMPLIED WARRANTY ON THIS PRODUCT. THIS DISCLAIMER OF WARRANTIES AND LIMITED WARRANTY ARE GOVERNED BY THE LAWS OF THE STATE OF INDIANA. EXCEPT TO THE EXTENT PROHIBITED BY APPLICABLE LAW, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ON THIS PRODUCT IS LIMITED TO THE APPLICABLE WARRANTY PERIOD SET FORTH ABOVE.

How State Law relates to warranty:

- Some states do not allow the exclusion nor limitation of incidental or consequential damages, or limitations on how long an implied warranty lasts, so the above limitations or exclusions may not apply to you.
- 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:

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

Service calls which do not involve defective materials or workmanship are not covered by this warranty. Costs of such service calls are the sole responsibility of the purchaser.

Limited Warranty (Canada)

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What your warranty covers:

- Defects in materials or workmanship.

For how long after your purchase:

- One year from date of purchase 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.
- Show the Authorized Service Center Representative your evidence of purchase date or first rental.
- Pick up your unit when repairs are completed.
- Proof of purchase in the form of a bill of sale or receipted invoice which is evidence that the product is within the warranty period must be presented to obtain warranty service. For rental firms, proof of first rental is also required.

What your warranty does not cover:

- Customer instruction. (Your Owner's Manual 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 Canada.
- Acts of nature, 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.

Limitation of Warranty:

- **THE WARRANTY STATED ABOVE IS THE ONLY WARRANTY APPLICABLE TO THIS PRODUCT. NO VERBAL OR WRITTEN INFORMATION GIVEN BY THOMSON MULTIMEDIA LTD., ITS AGENTS OR EMPLOYEES SHALL CREATE A WARRANTY OR IN ANY WAY INCREASE THE SCOPE OF THIS WARRANTY.**
- **REPAIR OR REPLACEMENT AS PROVIDED UNDER THIS WARRANTY IS THE EXCLUSIVE REMEDY OF THE CONSUMER. THOMSON MULTIMEDIA LTD. SHALL NOT BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OF THIS PRODUCT. EXCEPT TO THE EXTENT PROHIBITED BY APPLICABLE PROVINCIAL LAW, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ON THIS PRODUCT IS LIMITED TO THE APPLICABLE WARRANTY PERIOD SET FORTH ABOVE.**

How Provincial Laws relates to warranty:

- This warranty gives you specific legal rights which are in addition to statutory warranties that may vary from Province to Province.

If you purchased your unit outside Canada:

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

Service calls which do not involve defective materials or workmanship are not covered by this warranty. Costs of such service calls are the sole responsibility of the purchaser.