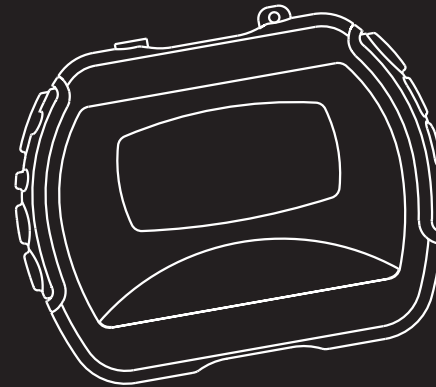


# RCA

u s e r  
m a n u a l



**IMPORTADOR**  
Comercializadora Thomson de México, S.A. de C.V.  
Álvaro Obregón No. 151. Piso 13.  
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RFC: CTM-980723-KS5

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[www.rca.com](http://www.rca.com)  
Printed In China / Impreso en China

**RD1022**  
**RD1028**  
**RD1072**  
**RD1076**

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.

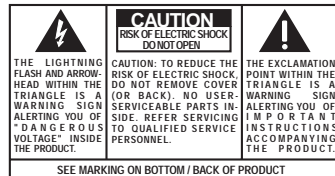
If this equipment does cause interference to radio or television reception (which you can determine by unplugging the unit), try to correct the interference by one or more of the following measures:

- 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.

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



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

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.

## FCC Information

EN


 RCA  
RD1022

Equipment tested for compliance as a complete unit


 RCA  
RD1028

Equipment tested for compliance as a complete unit


 RCA  
RD1072

Equipment tested for compliance as a complete unit


 RCA  
RD1076

Equipment tested for compliance as a complete unit

### Product Registration

Please fill out the product registration card and return it immediately. Returning this card allows us to contact you if needed.

### Technical Specification

Product: Digital Audio Player  
Brand: RCA  
Model: RD1022 / RD1028 / RD1072 / RD1076

### For Your Records

Keep your sales receipt for proof of purchase to obtain warranty parts and service.

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:

Date of Purchase  
Place of Purchase  
Serial No.

### Electrical Consumption

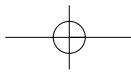
1 x AAA Battery

#### IMPORTER

Comercializadora Thomson de México, S.A. de C.V.  
Álvaro Obregón No. 151. Piso 13.  
Col. Roma. Delegación Cuauhtémoc  
C.P. 06700, México, D.F.  
Teléfono: 52-55-11-020360  
RFC: CTM-980723-K55

### 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.



# End User License Agreement

**EN**

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# End User License Agreement

**EN**

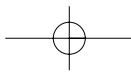
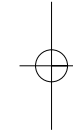
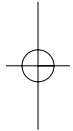
## LICENSE RESTRICTIONS

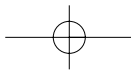
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# End User License Agreement

## EN

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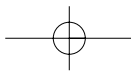
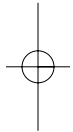
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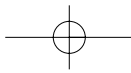
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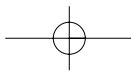
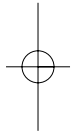
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# Before You Begin

Dear RCA Customer,

**Thank you for purchasing the  
RCA Lyra™ Digital Music Player.  
This product is compatible with  
most secure music downloads  
from WMA-compliant services  
that support DRM.**

## Unpacking Your Unit

When you unpack your new player, be sure you have removed all the accessories and information papers. The items below should have been packed in the box with your player.

- Lyra player
- Music Management CD
- USB cable
- Clip Phones
- Carry case
- Armband



### Warning:

The armband is designed for carrying the player on upper arm only. DO NOT wear the armband on other parts of the body such as the neck to avoid choking hazard or breathing difficulty.

## What's so special about this mp3 player?

This player is meant to play mp3 and Windows Media™ audio files encoded on a memory card or recorded in the built-in flash memory.

To do so, you need the use of a Windows computer with USB port, connection cable (included) and a music management software (MusicMatch Jukebox).

## Computer System Requirements

- Pentium III 500MHz or higher recommended
- Macintosh iMac G3 or higher
- Windows 98SE, Me, 2000, or XP
- Mac OS X Version 10.1.5 or higher
- Internet Explorer 4.0 or higher
- Internet access
- 100MB free hard disk space for the software
- 64MB RAM (128 MB recommended)
- CD-ROM drive capable of digital audio extraction
- USB port (2.0 recommended)
- Sound card

EN

## Before You Begin

EN



### 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

### Precautions for the Unit

- 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.

### Caution

- Keep product out of direct sunlight. Exposure to direct sunlight or extreme heat (such as inside a parked car) may cause damage or malfunction.
- Do not expose to rain or moisture.

## Before You Begin

EN

### Care of Memory Card (Not Included)

- Do not touch the golden electrodes.
- Use a soft dry cloth to clean any dirt.
- Do not bend Memory Cards.
- Do not operate or store the MultiMediaCards in places with frequent static electricity or electrical noise (e.g. speaker, TV set). Recorded data may be damaged.
- It is normal for Memory Card to get warm after being used for a long time.
- Always put it in storage case after removing from the unit.
- Do not store Memory Card near fire, places with high temperature/ humidity or in direct sunlight.

### Important Battery Information

- When storing the unit, be sure to remove the batteries because they may leak and damage the unit.
- Batteries may leak electrolyte if inserted incorrectly, if disposed of in fire, or if an attempt is made to charge a battery not intended to be recharged.
- Never mix new batteries with old ones. Do not mix battery types.
- Discard leaky batteries immediately. Leaking batteries may cause skin burns or other personal injury.
- Do not charge batteries which are not intended to be recharged.
- Dispose of batteries, according to federal, state and local regulations.

## Before You Begin

### EN Please Respect the Environment!



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

### Headset Safety

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.



- Do not play your headset at a high volume. Hearing experts warn against extended high-volume play.

- If you experience a ringing in your ears, reduce volume or discontinue use.
- You should use extreme caution or temporarily discontinue use in potentially hazardous situations. Even if your headset is an open-air type designed to let you hear outside sounds, don't 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.

## Before You Begin

### Insert battery into the player

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



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



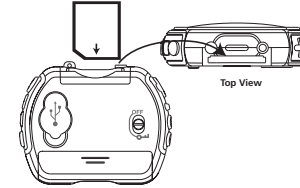
#### Note

Refer to the power level indicator on display for battery level. Replace with new batteries when the indicator is empty. Refer to "Display Overview" on page 11.

### EN Inserting a SD card / MultiMediaCard (Optional)

The player has built-in flash memory. To extend the playtime, you can use the optional Memory Card slot.

- Insert a Memory Card into the card slot on the top of the player when it is off as illustrated in the diagram below.



- To remove the card, pull the Memory Card out when the unit is off.



#### Note

Do not remove the Memory Card during playback or when the power is on. This may stop the unit from playing immediately or damage the memory on the memory card or the player.



## Before You Begin

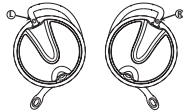
### EN Using Headphones

Insert phone plug into the headphones jack ( ) on the back of player for listening.

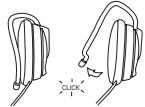
Have a Blast- Just Not in Your Eardrums. Make sure you turn down the volume on the unit before you put on headphones. Increase the volume to the desired level only after headphones are in place.

### How to Use Your Clip Phones (The e.clipz)

The right ear clip phone is labeled R while the left ear clip phone is labeled L.



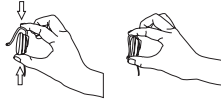
1. Pull the ear hook away from the ear pad slightly. You will hear a click sound.



2. Slide the ear hook behind the ear with the ear pad on the front of the ear. Rotate the clip phone so the ear pad fits closely with the ear.



3. Lock the clip phone in place by pushing down on the top of the ear hook until it locks.



4. For best sound quality, make sure the earpad fits closely with your ear.



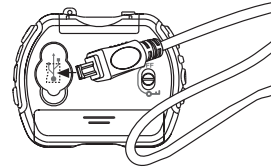
#### CAUTION

DO NOT INSERT EAR HOOK INTO YOUR EAR.

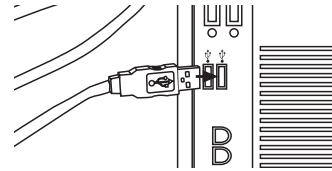
## Before You Begin

### Connecting the Lyra Player to your Computer

1. Lift the rubber cover that is covering the USB socket on the back of the player.
2. Insert the smaller end of the USB cable into the socket on the unit tightly.



3. Insert the larger end of the USB cable to the USB socket on the back of the computer.



### File Download

When the unit is connected to the computer, "USB Connected" will be displayed on the screen.

During transfer, "USB Transfer ..." flashes on the display. When the transfer is complete, the display will change to "USB Connected". Do not unplug the USB cable when the display is flashing.

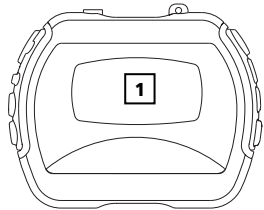


#### Note

Refer to the "USB Driver Installation; MusicMatch Jukebox™ Software" instruction manual for procedures in setting up USB drivers and transferring files to the player and / or the memory card.

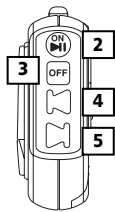
## General Controls

### EN Front View



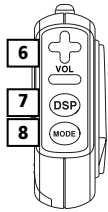
1. Display - Shows user interface.

### Right Side



2. **ON / PLAY / PAUSE** (▶) - Turns the unit on. Starts and pauses music playback.

### Left Side



3. **OFF/STOP** (⏻) - Press and hold to turn off the unit. Stops music playback.

4. **SKIP BACKWARD** (⏮) - Skips to the previous song or the beginning of the current song. Press and hold to scan backwards.

5. **SKIP FORWARD** (⏭) - Skips to the next song. Press and hold to scan forward.

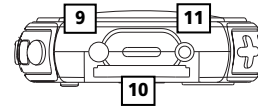
6. **VOL + / -** - Increases and decreases the volume level.

7. **DSP** - Selects among DSP modes (Flat, Bass, Pop, Rock, Jazz)

8. **MODE** - Selects among playback options. (repeat all, random playback, repeat random playback, program and repeat program)

## General Controls

### Top View

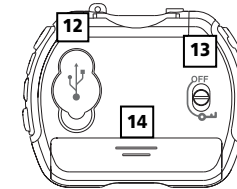


9. Hole for carrying strap.

10. **Memory Card** (□) - Slot for inserting the memory card. The player supports SD and MultiMediaCard memory cards.

11. **Headphones Jack** (🎧) - Insert the clip phones plug here.

### Back View



12. **USB port** (🔌) - Attach the small end of the mini-USB cable here.

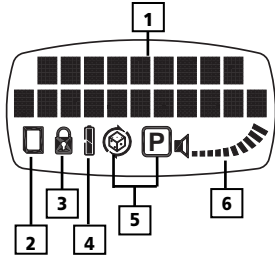
13. **OFF / (🔒)** - Slide the lock switch to the lock (🔒) position to avoid accidental key activation. Slide it to the OFF position to release key lock.

14. **Battery Compartment** - Insert battery here.

EN

## General Controls

### EN Display Overview




1. This section shows song information.
2. The memory card icon is displayed when memory card is detected.
3. The lock icon is displayed when the key lock function is activated.

4. The battery indicator shows the battery level.
5. The relative play mode indicator lights to show current selection.
  - - repeat all
  - ⊗ - random playback
  - ⊙ - repeat random playback
  - ⊠ - program playback
  - ⊡ - repeat program playback
6. Shows current volume level.

## Digital Music Operation



The information in this section presumes you've successfully transferred files to your Lyra Digital Audio Player, and you're ready to play some music (refer to the Software Instruction Manual).

### Stop Playback



- During playback, press **OFF / STOP** () to stop playback. The total number of tracks is display.

10 Tracks  
Total

### Play / Pause

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

01 00:28  
Song Name

- To pause playback, press **ON / PLAY / PAUSE** () during playback. Press **ON / PLAY / PAUSE** () again to resume playback.

### EN



#### Note

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

# Digital Music Operation

EN

## Skipping Tracks

- To skip to the next track, press and release the **SKIP FORWARD** (⏭) button.
- To go to the previous track, press and release the **SKIP BACKWARD** (⏮) 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 **SKIP BACKWARD** (⏮) button.
- To scan forwards in the track that is playing, press and hold the **SKIP FORWARD** (⏭) button.

## Adjusting the Volume

- To turn up the volume, press the **VOL +** button. The volume level shows briefly to indicate the increase in volume level.
- To turn down the volume, press the **VOL -** button. The volume level shows briefly to show the decrease in volume level.

## Track Information

During playback, press and hold the **DSP** button to show the song title, artist, format and bit rate on display.

# Digital Music Operation

EN

## 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 **ON / PLAY / PAUSE** 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**

```
01 00:28
DSP flat
```

## Play modes

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

- Normal playback
- Repeat All - (🔄)
- Shuffle - (🎲)
- Shuffle repeat - (🎲🔄)
- Program - (📁)
- Repeat program - (🔄📁)




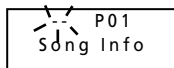
### Note

Program and Repeat program will only appear if there are programmed tracks.



## Digital Music Operation

### EN Programming Tracks

1. In stop mode, press and hold **MODE** for 2 seconds to enter program mode. The program mode icon  lights on the display.



The flashing ' - - ' is the track selection and 'P01' is the program list position. (If you have program in your player, the pre-programmed track number will be shown.)

2. Press **SKIP BACKWARD** (  ) or **SKIP FORWARD** (  ) to select a track. The selected track number flashes on the display.



#### Note


The player enters Intro Play mode and plays the beginning of each track as you scroll through tracks for programming.

3. Press **MODE** to confirm track selection.
4. Press **MODE** again to skip to the next programming position.
5. Repeat steps 2-4 for further selections.



#### Tip



20 program locations are available on this unit.

6. Press **OFF / STOP** (  ) to exit programming mode. The unit returns to stop mode automatically after 30 seconds if there is no key activation.

See "Play Modes" section for more information on program playback.


## Digital Music Operation

### Editing program Overwriting Programmed Tracks

1. In stop mode, press and hold **MODE** to enter program mode.
2. Press **MODE** repeatedly to select the program location you want to overwrite.
3. Press **SKIP BACKWARD** (  ) or **SKIP FORWARD** (  ) to select the new track you want to store in the selected program location.
4. Press **MODE** to confirm selection.
5. Repeat steps 2 and 3 to overwrite additional programmed tracks.

### Deleting Programmed Tracks

### EN

1. In stop mode, press and hold **MODE** to enter program mode.
2. Press **MODE** to select the programmed location and track to be deleted.
3. Press and hold **DSP** for about 3 seconds to delete the unwanted track from your program list. ' - - ' shows on display to indicate successful deletion.
4. Repeat steps 2 and 3 to delete additional tracks from the program list.
5. To cancel editing program, press **OFF / STOP** (  ) once. The unit will return to stop mode automatically after 30 seconds if there is no key activation.

## More Information

### EN 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](http://www.rca.com/digitalaudiofaq).

## More Information

### Troubleshooting Tips

#### The player does not turn on when PLAY button pressed.

- Batteries may be inserted incorrectly.
- Batteries may be empty.

#### Skipping tracks or bad sound quality?

- Repeat, random or program 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 ones.

#### Cannot perform playback?

- LOCK function may be activated.
- There may be no mp3 tracks in the card or internal memory.
- Memory Card may be damaged.

### Cannot play tracks on the player?

- Track encoded bit rate may not be between 32 to 192 kbps for mp3 or between 64kbps to 128kbps for Windows Media Audio.



#### Note

For better result, we recommend a constant encoded bit rate from 32 to 320kbps for mp3 and 48kbps to 128kbps for Windows Media Audio. Nevertheless, your unit may play tracks encoded in variable bit rate (VBR).

- WMA files may be DRM protected and you don't have the licenses to play the files. Check your content providers for license acquisition details. For more information, go to [www.microsoft.com/windows/windowsmedia/drm](http://www.microsoft.com/windows/windowsmedia/drm)

EN

## More Information

### EN USB display does not appear when connected to computer.

- Check connection between your unit and the computer. (Refer to the "USB Driver Installation; MusicMatch Jukebox™ Software" instruction manual)
- Check if the USB drivers are properly installed (Refer to the "USB Driver Installation; MusicMatch Jukebox™ Software" instruction manual)



#### Note

Under some rare circumstances, your unit might report less memory than is available for storing music files. If this happens, format the device to recover all the memory.

### The player does not respond to key operations?

- Turn the player off by removing the batteries. Reinsert the batteries properly and turn the player on again to resume normal operations.



#### Warning:

Formatting the device will erase all stored contents. Backup all the valuable files before doing so.

## U.S. Warranty

EN

### What your warranty covers:

- Defects in materials or workmanship.

### For how long after your purchase:

- One year from date of purchase. 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.
- 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.

### How to make a warranty claim:

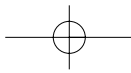
- Properly pack your unit. Include any cables, etc., which were originally provided with the product. We recommend using the original carton and packing materials.
- Include evidence of purchase date such as the bill of sale. Also print your name and address and a description of the defect. Send via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

**Thomson Inc.**  
**Product Exchange Center**  
**11721 B Alameda Avenue**  
**Socorro, Texas 79927**

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

### 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 nature, such as but not limited to lightning damage.



# U.S. Warranty

EN

### 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.

### 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 this 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 product outside the USA:

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

# Canadian Warranty

EN

Thomson multimedia Ltd. 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 multimedia Ltd.**  
**6200 Edwards Blvd.,**  
**Mississauga, Ontario L5T 2V7**  
**Canada**

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 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

