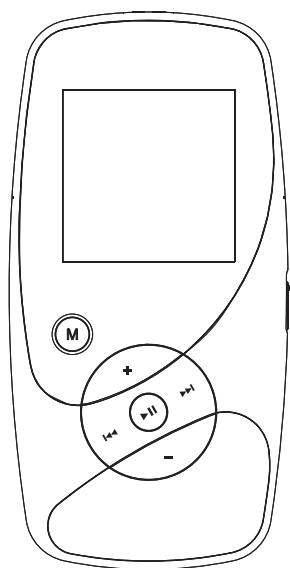# RCA

User manual
Guide de l'utilisateur
Manual de usuario

M4001
M4002
MC4001
MC4002
M4002BL
M4002RD
MC4002BL

It is important to read this instruction book prior to using your new product for the first time.

Nous vous recommandons de lire ce manuel d'instructions avant d'utiliser votre nouveau produit pour la première fois.

Es importante leer este manual antes de usar por vez primera su equipo.

Contents

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 which may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
• Reorient or relocate the receiving antenna.
• Increase the separation between the equipment and receiver.
• Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
• Consult the dealer or an experienced radio / TV technician for help.

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 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

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.

EN

⚡ **CAUTION** RISK OF ELECTRIC SHOCK DO NOT OPEN ⚠

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

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

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

SEE MARKING ON BOTTOM / BACK OF PRODUCT

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

FC	RCA M4001
FC	RCA M4002
FC	RCA MC4001
FC	RCA MC4002
FC	RCA M4002BL
FC	RCA M4002RD
FC	RCA MC4002BL

Manufacturer/Responsible Party

Thomson, Inc.
P.O. Box 1976
Indianapolis, IN 46206-1976
1-866-449-7112

FCC Information

Product Registration

Please fill out the product registration card and return it immediately. Returning this card allows us to contact you if needed. You can go to http://www.rcaaudiovideo.com for online registration as well.

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.	

Technical Specification

Product: Digital Audio Player
Brand: RCA
Model: M4001, M4002, MC4001, MC4002, M4002BL, M4002RD, MC4002BL

Electrical Consumption

3.7V Lithium battery (built-in)

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.
Telefono: 52-55-11-020360
RFC: CTM-980723-KS5

This unit may temporarily cease to function if subjected to electrostatic disturbance. To resume normal operation, you may press the RESET button on the back of the player with a non-metal pointed object (e.g. toothpick) to reset the player.

Do not separately recharge, disassemble, incinerate, or expose to high temperatures. Examples of high temperatures that may damage your product include leaving it in a locked car in the summer, or putting it on top of other heat generating electronics devices (such as power amplifiers and computer monitors).

Illustrations contained within this publication are for representation only and subject to change.

IMPORTANT SAFETY INSTRUCTIONS

PLEASE READ AND SAVE FOR FUTURE REFERENCE

Some of the following information may not apply to your particular product; however, as with any electronic product, precautions should be observed during handling and use.

- Read these instructions.
- Keep these instructions.
- Heed all warnings.
- Follow all instructions.
- Do not use this apparatus near water.
- Clean only with dry cloth.
- Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- Only use attachments/accessories specified by the manufacturer.
- Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.

Portable Cart Warning

- Unplug this apparatus during lightning storms or when unused for long periods of time.

- Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

- **ADDITIONAL SAFETY INFORMATION**
- Apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the apparatus.
- Always leave sufficient space around the product for ventilation. Do not place product in or on a bed, rug, in a bookcase or cabinet that may prevent air flow through vent openings.
- Do not place lighted candles, cigarettes, cigars, etc. on the product.
- Connect power cord only to AC power source as marked on the product.
- Care should be taken so that objects do not fall into the product.
- Do not attempt to disassemble the cabinet. This product does not contain customer serviceable components.

- **IF YOUR PRODUCT OPERATES ON BATTERIES, adhere to the following precautions:**
A. Any battery may leak electrolyte if mixed with a different battery type, if inserted incorrectly, or if all batteries are not replaced at the same time.
B. Any battery may leak electrolyte or explode if disposed of in fire or an attempt is made to charge a battery not intended to be recharged.
C. Discard leaky batteries immediately. Leaking batteries can cause skin burns or other personal injury. When discarding batteries, be sure to dispose of them in the proper manner, according to your state/provincial and local regulations.

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Before You Begin

Dear RCA Customer,

Thank you for purchasing the Player. This product will play open mp3 and Windows Media audio (WMA) content as well as content purchased from most online music download services.

After purchasing and downloading music to your PC, you are now ready to move content to your player. To transfer the music, you must use Windows Media™ Player or the application recommended by the online music download service.

(Note: Services and applications must be Windows Media audio-compliant and support Digital Rights Management.)
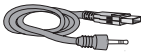
Unpacking Your Player

Your player came with everything you need to make music portable — all of the items shown below should have been packed in the box with your player.

 RCA Player

 Music Management CD contains software applications

 USB cable: Plug the Line-in end into the earphone jack on your player, and plug the USB end into your computer's USB port.

 Earphones

 Line-in cable

Computer System Requirements

- Pentium III 500MHz or higher recommended
- Windows® 2000 (Service Pack 3) or Windows® XP (Service Pack 1 or higher) or Windows Vista™
- Internet Explorer 6.0 or higher with Internet access
- 250MB or more free hard disk space for the software
- 128MB RAM (256MB recommended)
- CD drive capable of digital audio extraction
- USB port (2.0 recommended)
- Installed sound card
- Installed 16-bit color video card

Secure Music Download Requirements

- Windows® XP (Service Pack 1 or higher) or Windows Vista™
- Internet Explorer 6.0 or higher with Internet access
- Windows Media Player 10 or higher

Warning

Use of this player 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.

Caution

- Keep player 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

Headset safety

To use a headset safely, please keep the following in mind:

- Do not play your headset at a high volume. Hearing experts advise against continuous extended play.
- If you experience ringing in your ears, turn down the volume or stop using the headset.
- Do not use a headset while driving a motorized vehicle or riding a bike. It may cause a traffic hazard and is illegal in many areas.
- 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 can't hear sounds 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 player if you find it disruptive or distracting while driving.

Back up your data

As with any portable player, you must back up the drive regularly. RCA and Thomson are not responsible for lost data.

Software Setup

The Music Management CD that comes with your player contains all of the necessary software components you need to make your player work properly.
These components do the following:

- enable you to transfer files from your computer to your player
- convert video files
- format and sort the contents, update the system files.

Inserting the Included CD into CD Drive

1. Turn on your computer and place the Music Management CD that came with your player into your computer.

IMPORTANT: Don't connect the USB cable to the PC or the player before or during the CD installation.

2. If the setup screen does not appear, double-click My Computer, double click your CD drive icon, and double click Install to run the installer.

Note:
- The Music Management CD also contains Windows Media® Player that can help transfer music content to your player. Please refer to the section on your installed software for detailed operations.
- Refer to "Transferring Files to the Player" on page 11 for details.

Connecting the Player to the Computer

Connect the player to your computer with the USB cable provided. The player will turn on automatically. In Windows Vista™ or Windows® XP (when Windows Media Player 10 or above is installed), the player will appear as a Windows portable device using the Media Transfer Protocol (MTP). If Windows Media Player 10 or above is not installed or if your computer is running Windows® 2000, the player will be connected in Mass Storage Class (MSC) mode. It will appear as a drive letter on your computer and behave as a detachable drive for file transfer in one or both directions.
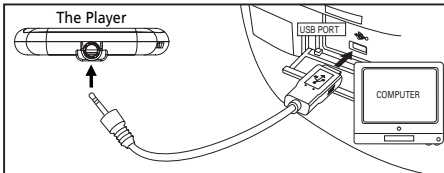
Warning:
• The USB cable provided is dedicated for this player only. DO NOT connect this player to the computer with any other USB cable. DO NOT plug this USB cable in other USB devices.
• The USB cable provided may damage other products if plugged into the earphones jack.

Note:
• It might take several seconds for the player to be detected. Click Refresh in My Computer or Windows Explorer to make sure the player has been detected.
• The player is capable of transferring files at USB 2.0. If USB 2.0 port is available on your computer, use it to connect to your player. The player is still backward compatible with the older USB 1.1 ports. However, you will not be able to take full advantage of the potential speed increase.

Charging the Battery

Your player is charging through the USB connection when it is connected to your computer. To fully charge the player, make sure your computer is on and the player is connected for at least 3 hours.

Important Battery Information

Warning: Your product contains a battery and charging system which is designed to work in temperatures that do not exceed 50°C (122°F). Leaving this product in a closed automobile or the trunk of an automobile where temperatures may exceed 50°C may result in permanent battery damage, fire, or explosion. Please remove your product from the automobile when you exit, do not place your product in the trunk of your automobile, and do not leave your product in any location where temperatures may exceed 50°C.

Important Battery Precautions
• Any battery may present a risk of fire, explosion, or chemical burn if abused. Do not try to charge a battery that is not intended to be recharged, do not incinerate, and do not puncture.
• Non-rechargeable batteries, such as alkaline batteries, may leak if left in your product for a long period of time. Remove the batteries from the product if you are not going to use it for a month or more.
• If your product uses more than one battery, do not mix types and make sure they are inserted correctly. Mixing types or inserting incorrectly may cause them to leak.
• Discard any leaky or deformed battery immediately. They may cause skin burns or other personal injury.
• Please help to protect the environment by recycling or disposing of batteries according to federal, state, and local regulations.

To minimize the risk of fire, explosion, or chemical burn, observe the following precautions:
• Do not use an unauthorized battery. Use only the rechargeable battery that came with your product or that is listed in the user's guide.
• Do not use unauthorized chargers or power adapters. Use only chargers that came with your product or that is listed in the user's guide.
• Do not attempt to open the rechargeable battery or battery pack. There are no user serviceable parts inside.
• Do not leave in a hot automobile or in temperatures exceeding 50°C (122°F).

Caution: Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type.

Transferring Files to the Player

You may select one of the following methods to transfer music content to your player: 1) Windows Media® Player, 2) drag-and-drop via Windows Explorer. For method 1, you first need to have successfully installed the software packages included in the Music Management CD (refer to "Inserting the included CD into CD drive). If a version of Windows Media® Player has already been installed in your computer, you may skip the installation.

Caution: Secure music download files must be transferred to your player through Windows Media® Player or the application recommended by your online music download service (Note: Services and applications must be Windows Media audio-compliant and support Digital Rights Management.) (Apple iTunes™ music content is not supported).

Transferring files via Windows Media® Player

Please refer to the instructions below to learn how to transfer files to your RCA Player.

With Windows Media® Player 9

1. In Windows Media® Player, click Media Library, select the content that you want to copy to the player by right-clicking the files, and then click Copy to CD or Device.
2. Select the name of the player in the right pane under Items on Device, as shown in the following screen shot.
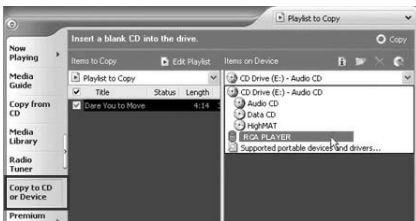
3. In the upper-right corner, click Copy. The Player transfer the files to the player.

With Windows Media® Player 10

1. In Windows Media® Player, click the Sync tab.
2. Click on Edit Playlist to add the content to be transferred to your player. Click OK once all the desired content have been added.
• The content you wish to transfer to your player are listed on the left side of the screen under Sync List.
3. Click Start Sync to transfer the content.

With Windows Media® Player 11

1. In Windows Media® Player, click the Sync tab.
2. Drag content to the List pane to add them to the list of items to sync.

3. Click Start Sync to transfer the content.

For further help on using Windows Media® Player, please refer to the Help section of the program

Transferring Files to the Player

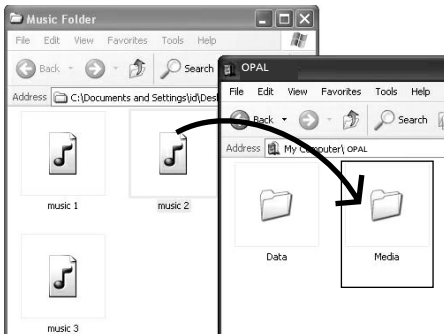## Transferring files via Windows Explorer (Drag-and-Drop)

In Windows® XP (with Windows Media Player 10 installed)

In Windows® XP and when Windows Media Player 10 is installed, the player is connected to the computer in MTP mode. In the Windows Explorer, when the player is opened, the "Data" and "Media" views will be displayed for the player.

The Data folder is used to manage data content on the player, such as text files. The Media folder is used to manage media content supported by the player for playback, such as mp3 and wma.

You can copy files to the player through Windows Explorer (drag-and-drop). Picture files can be copied to either "Media" or "Data" folder for viewing while video files can not be dragged and copied to the "Media" folder directly as only .SMV files are supported. The video files must be converted and transferred via RCA Video Converter for playback (refer to page 19). Alternatively, you can transfer the converted video files to the "Data" folder via the Windows Explorer (drag-and-drop).

You can copy files to / delete files from the player through Windows Explorer (drag-and-drop), but you cannot open or edit the files directly from the player. If you want to edit the files, you will need to copy the files from the player to another location (drive) in the system.

In Windows® 2000 or Windows® XP (without Windows Media Player 10 or above installed)

If Windows Media Player 10 or above is not installed in Windows® XP, or your computer is running Windows® 2000, the player is connected to the computer in MSC mode. You can transfer files via the Windows Explorer (drag-and-drop). From Windows Explorer, highlight all the files/folders you want to transfer to your player and drag them to the drive letter that is associated with it.

Picture files should be copied to the root directory for viewing while video files can not be dragged and copied to the player directly as only .SMV files are supported. The video files must be converted and transferred to the player via RCA Video Converter for playback (refer to page 19). Alternatively, you can transfer the coverted video files to the root directory.

In Windows® XP or Windows Vista™ (with Windows Media Player 11 or above installed)

If your computer has installed Windows Media Player 11, "Internal Storage" shows instead of the folders mentioned above. Copy files inside "Internal Storage".

Note: Windows® XP requires Service Pack 1 or higher.
Caution: Secure music download files must be transferred to your player through one of the provided music management software packages or any applications recommended by the online music download service. Please visit the online music download service's website where you purchased your content from for more details on transferring secure music to your player.

Transferring Files to the Player

Deleting files from the player

For any files you have transferred to the player, you may delete them while you have connected the player with your computer. Highlight the unwanted file in the player's file directory on your computer and press the delete key on your computer to delete the file. It is best to remove subscription files from the player by using Windows Media® Player.

Note: Do not disconnect the USB connection during file download. Doing so may corrupt system files or the files being downloaded.

Disconnecting your player from the Computer

For Windows Vista™ or Windows® XP users (with Windows Media Player 10 or above installed), your player is connected in MTP mode to your computer by default, you may disconnect the USB cable directly when file download is completed.

For Windows® XP users without Windows Media Player 10 or above installed, your player is connected in MSC mode. Your player will appear as a drive letter on your computer. You may disconnect it by clicking the 🖭 icon from the System Tray and select "Unplug or Eject hardware". Select the drive corresponding to your player.
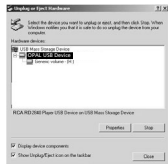
The "Stop a Hardware player" screen will appear. Select the player to be stopped again for confirmation and click OK and disconnect your player from the computer.
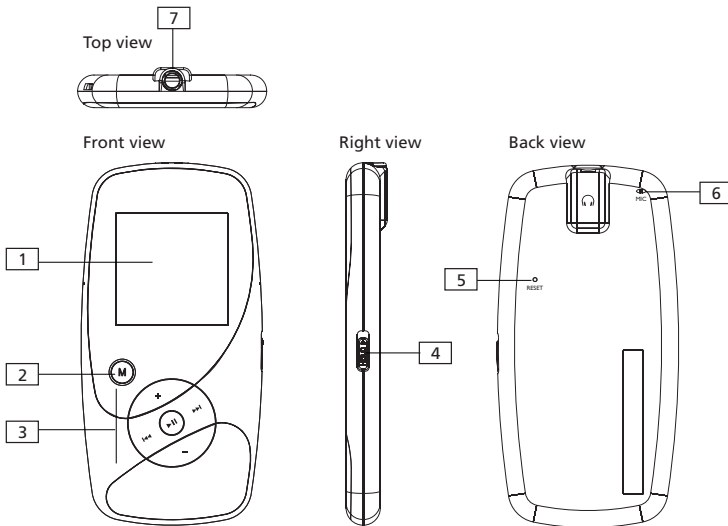
General Controls

Before You Begin

The following examples illustrate what you should do before operating your player.

1. These instructions presume you've already done the followings:
- Installed all necessary applications.
- Transferred music from your computer to the player.
- Allowed your player to charge for at least 3 hours while connected to the computer.
2. If you haven't unplugged the player from your computer, detach the USB cable from the player.
3. Connect the headphones to your player.
4. Ensure the key lock is not activated by sliding **HOLD ▷** downward.
5. If your player isn't already on, turn it on by pressing and holding ▶ⅠⅠ until the player switches on. The main navigation menu appears.
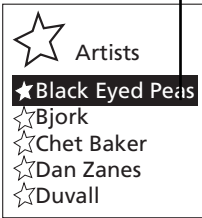
Overview

1. The display
2. **M** - Press once during playback to access the player's menu. Press twice to access the Home menu. Press three times to go back to the playback screen.
3. ▶ⅠⅠ - Press and hold until the player switches on/off. Press once to pause playback. Press again to resume.
   - **+** - Scrolls up.
   - **−** - Scrolls down.
   - Ⅰ◄◄ - Skips backwards, goes back
   - ►►Ⅰ - Skips forwards, advances, make selection
4. **HOLD ▷** - Slide the key upwards to prevent accidental key activation. Slide downwards to unlock.
5. Reset button
6. Microphone
7. Earphones jack/USB jack/Line-in recording jack - Insert the earphones, the USB cable here for connecting to the computer or the line-in cable for line-in recording.
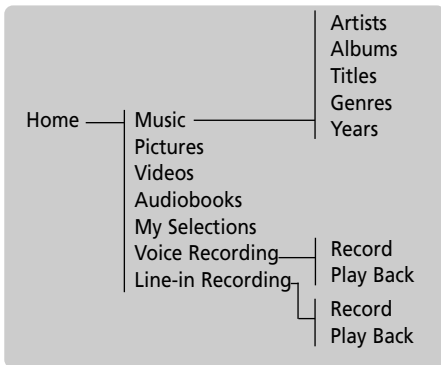
Top view

Front view   Right view   Back view

General Controls

Navigation Display

Indicates the item
currently selected

1 2 3 4 5

Artists

★Black Eyed Peas
☆Bjork
☆Chet Baker
☆Dan Zanes
☆Duvall

Now Playing

001/003   mp3   128K

I'll Be Around
Duvall
Volume and Destiny

00:01:15   00:03:40

1. Indicates whether the player is playing or paused.
2. Indicates that if shuffle mode is on/off.
3. Indicates that if repeat mode is on/off.
4. Indicates that the key lock function is activated.
5. Indicates the battery level of the player.

Navigation Menus

The files are sorted according to their file types. Music files are further sorted according to several parameters for quick search of your favorite music. Once your player is turned on, you will see the file menus as listed below:

Home —— Music ——

Artists
Albums
Titles
Genres
Years

Pictures
Videos
Audiobooks
My Selections
Voice Recording ——
Line-in Recording ——

Record
Play Back

Record
Play Back

Selecting What You Want to Play

The following example illustrates the steps to select and play audio files in the Artists category.

1. Press **M** twice during playback to enter Home menu. Highlight "Music" by pressing ✛ or ➖ . Then press ▶▶❙ to advance.

Home
Now Playing
Music
Pictures
Videos
Audiobooks
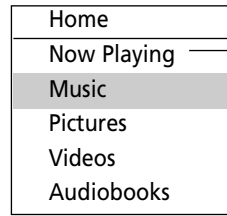
Available only during playback.

2. Highlight "Artists" by pressing ✛ or ➖ . Then press ▶▶❙ to advance.

Music
Artists
Albums
Titles
Genres
Years

3. The Artists menu appears with the artists listed in alphabetical order.
• Scroll up and down the "Artists" menu by pressing ✛ or ➖ .
• Return to the previous menu by pressing ❙◀◀ .
• View the albums from the artist highlighted by pressing ▶▶❙ (the albums of that artist appear in alphabetical order).

Artists
Artist 1
Artist 2
Artist 3
Artist 4
Artist 5
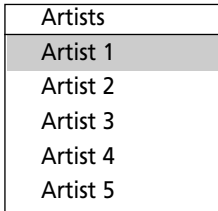
General Controls

4. Scroll up and down the "Albums" menu by pressing **+** or **−** .
• View the songs from the album highlighted by pressing ▶▶I (the songs of that album appear in track order).

Albums		Album1
Album 1		Song 1
Album 2		Song 2
Album 3		Song 3
Album 4		Song 4
Album 5		Song 5

5. Highlight the desired song by pressing **+** or **−** .
• To play the song, press ▶▶I or ▶II . The song's information will show on the display during playback.
• To pause playback, press ▶II .

Note:
• The information provided in the playback screen depends upon the ID3 tags that have been set up for the audio file.
• To show the Player's menu during playback, press **M.**
• The item that you can select for playback is not limited to a single file, you may select an artist, an album and then press ▶II to start playback of all files within your selected item.

Listening, Viewing and Recording

Music Playback
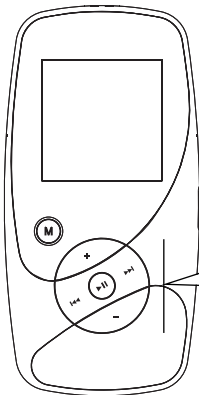
I◀◀	Skips to the previous file*, press and hold to scan backwards within a file.
▶▶I	Skips to the next file, press and hold to scan forward within a file.
▶II	Starts/ pauses playback.
+ or **−**	Increases or decreases the volume

* Press I◀◀ within the beginning 4 seconds of the current music file to skip to previous file. Otherwise, you will return to the beginning of the current file.

Listening, Viewing and Recording

Music Playback Display
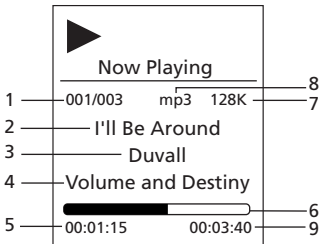
1. Current file number/total number of files
2. Song name
3. Artist name
4. Album name
5. Elapsed playback time
6. Playback progress bar
7. File bitrate
8. File type
9. File total time

Note:
The information provided in the playback screen depends upon the ID3 tag information that was recorded when created by the Music Management Software or Data base the song came from.

Audiobooks Playback
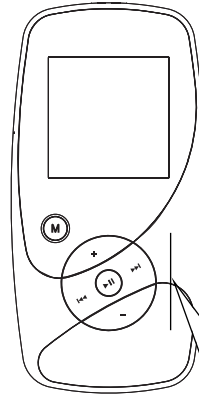
⏮	Skips to the previous file when skip-by-file is selected*, skips to the previous section when skip-by-section is selected**, press and hold to scan backwards within a file.
⏭	Skips to the next file when skip-by-file is selected*, skips to the next section when skip-by-section is selected**, press and hold to scan forward within a file.
▶II	Starts/ pauses playback.
+ or **–**	Increases or decreases the volume

*   Refer to page 24 for details of skipping by file or by section.
** When skip-by-section is selected, press ⏮ within the beginning 4 seconds of the current audible file to skip to previous audible section. Otherwise, will return to the the beginning of the current section.

Listening, Viewing and Recording

Picture Viewing
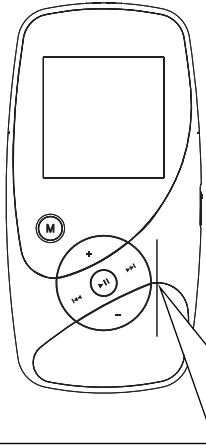
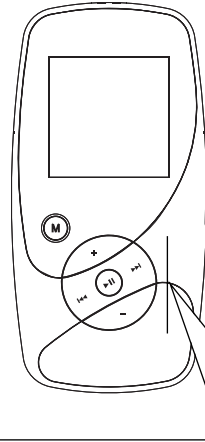|	
+	Scrolls up during file navigation.
−	Scrolls down during file navigation.
⏮	Goes back, skips backward.
⏭	Advances, skips forward.
►‖	Starts/ pauses slideshow if slideshow is activated*.

Press **M** twice during playback to return to file navigation.

* Refer to page 24 to activate slideshow in the Player's menu.

In Windows Vista™, picture files should be copied to the "Internal Memory" folder of the player for viewing. In Windows® XP, picture files should be copied to the "Media" folder of the player for viewing while in Windows® 2000, picture files should be copied to the root directory for viewing.

Video Viewing

+	Scrolls up during file navigation.
−	Scrolls down during file navigation.
⏮	Goes back, skips backward*. Press and hold to scan backwards within a file.
⏭	Advances, skips forward. Press and hold to scan forward within a file.
►‖	Starts/ pauses playback.
+ or **−**	Increases or decreases the volume.

Press **M** twice during playback to return to file navigation.

* Press within the beginning 4 seconds of the current file to skip to previous file. Otherwise, will return to the beginning of the current file.

Listening, Viewing and Recording

Video Converter

Your video has to be converted to optimum format before transferring to this player for playback. To do so, you need to install the RCA Video Converter in your computer. You can install the Converter from the music management CD or go to http://www.rcaaudiovideo.com/software to download the most updated Converter for installation.
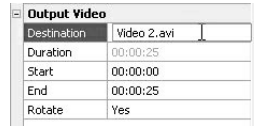
1. Load the music management CD included with this player in your computer. Installation will start automatically. Follow the instructions on the screen to install the converter.
2. Launch the video converter after installation has succeeded and connect the player to the computer.
3. Drag-and-drop video files from the Windows Explorer to the list control panel.

Drag-and-drop here
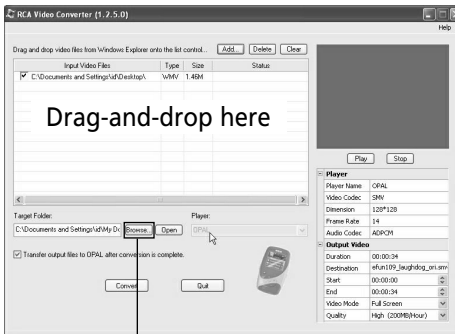
Select the
target folder

4. Select the target folder and enter the name for output file by clicking "Browse".
• If you want to transfer the video output file to the player automatically after conversion is complete, check the box underneath to do so.
5. Select the type of player from the pull-down menu under "Player". Select "OPAL" for this player. Optimum settings for file conversion will be selected automatically.

6. To edit the name of the output video, click on the box next to destination at the lower right corner.
• If you prefer to convert only a portion of the video file, select the start and end time for the conversion at the lower right corner.
• To resize the output video, click "Video Mode". Select "Full Screen" to fully utilize the screen of the player, yet part of the video may be cropped during video playback. Select "Full Image" to keep the ratio of the video size same as the input video, yet the screen of the player may not be fully utilized.
• Select the quality level of the output video among High, Medium or Low from the pull down menu.
7. Click "Convert" to start the file conversion.

Listening, Viewing and Recording

Tip:
For operation details of the video converter, please open the help file by pressing the 'F1' key on your computer.

Note:
- Picture files should be copied to the "Media" folder for viewing in Windows® XP if Windows Media Player 10 is installed. If Windows Media 10 or above is not installed or your computer is running Windows® 2000, picture files should be copied to the root directory for viewing.
- Video files cannot be dragged and dropped to the "Media" folder directly. They must be converted and transferred to the player via the RCA Video Converter for playback. Alternatively, converted video files can also be transferred to the "Data" folder via the Windows Explorer (drag-and-drop) in Windows® XP with Windows Media Player 10 installed or to the root directory if Windows Media Player 10 or above is not installed or your computer is running Windows® 2000.
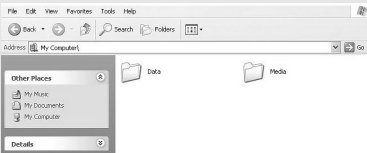

This video converter software relies on the video codecs already installed in your computer. Make sure the video file you wish to convert plays on your computer before using the video converter software. Note that some video files that play on your computer may rely on specialized video playback applications that are not compatible with the video converter software.
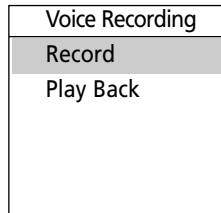- If your computer has installed Windows Media Player 11 (Windows®XP or Windows Vista™), "Internal Storage" shows instead of the folders mentioned above. Copy files inside "Internal Storage".
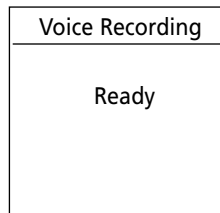
Voice Recording

1. To start voice recording, press **M** twice during playback to access the Home menu.
2. Press **+** or **−** to highlight "Voice Recording". Then press ▶▶⎮ to advance.

Home
Videos
Audiobooks
My Selections
Voice Recording
Line-in Recording
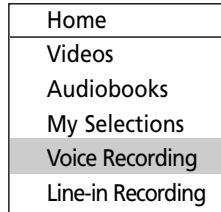
3. Press **+** or **−** to highlight "Record". Then press ▶▶⎮ to access voice recording mode.

Voice Recording
Record
Play Back

4. Press ▶❚❚ when the display shows "Ready" to start voice recording.

Voice Recording
Ready

5. Press ▶❚❚ . to pause record. Press ▶❚❚ . again to resume recording.

Voice Recording
wav
VOICE001

Elapsed recording time — 00:00:28   61:39:30 — Remain recording time

6. Press **M** to stop recording.

20

Listening, Viewing and Recording

Playback Recorded Voice Recording

1. Follow steps 1-2 above to enter the Voice Recording sub-menu.
2. Press **+** or **−** to highlight "Play Back" and press ►►I to confirm your selection.
3. Press **+** or **−** to highlight the recorded file and ►II to start playback.

Line-in Recording

1. To start line-in recording, press **M** twice during playback to access the Home menu.
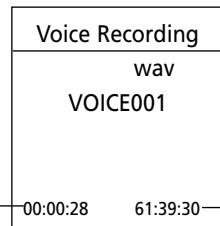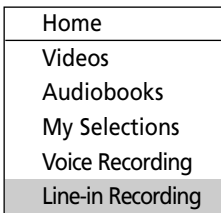2. Press **+** or **−** to highlight "Line-in Recording". Then press ►►I to advance.

```
          Home
      Videos
      Audiobooks
      My Selections
      Voice Recording
      Line-in Recording
```

3. Press **+** or **−** to highlight "Record". Then press ►►I to access the line-in recording mode.

```
      Line-in Recording
      Record
      Play Back



```

4. Press ►II when the display shows "Ready" to start line-in recording.

```
      Line-in Recording

          Ready



```

5. Press ►II to pause record. Press ►II again to resume recording.

```
      Line-in Recording
              wav
          LINE001


  00:00:28        61:39:30
```
Elapsed recording time — 00:00:28   61:39:30 — Remain recording time

6. Press **M** to stop recording.

Tips: Adjust the volume level of the source audio device in order to achieve the optimum recording quality. The source output varies from model to model. You might want to experiment with a few recordings to determine the proper volume output of the source to get optimum recording quality from the player. Recommend starting the source at around the room volume level.
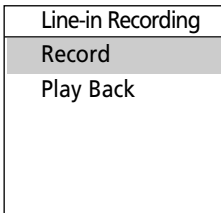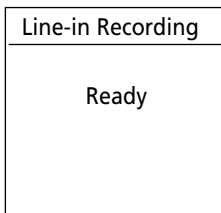
Playback Recorded Line-in Recording

1. Follow steps 1-2 above to enter the Line-in Recording sub-menu.
2. Press **+** or **−** to highlight "Play Back" and press ►►I to confirm your selection.
3. Press **+** or **−** to highlight the recorded file and ►II to start playback.

Deleting Recorded Files

1. While an unwanted recorded voice or line-in recording is highlighted, press ►II to start the playback.
• Refer to Playback Recorded Voice Recording and Playback Recorded Line-in Recording for details in highlighting a recorded file.
2. Press **M** and then **+** or **−** to highlight "Delete File" and press ►II to confirm the deletion.

My Selections

Adding Files to My Selections

You can add your favorite songs to My Selections.

1. Press **M** during playback to access the Player's menu.
2. Press **+** or **−** to highlight "Add to MySel" and press ▶❚❚ to confirm your selection. The music (mp3/wma/wav) file that is currently playing is added to My Selections. Repeat the above steps for selecting more items.

Playing My Selections

1. Press **M** twice during playback to access the Home menu, highlight "My Selections" by pressing **+** or **−** . Then press ▶▶❙ to enter the My Selections.

Home
Videos
Audiobooks
My Selections
Voice Recording
Line-in Recording

2. With "My Selections" already highlighted, press ▶❚❚ to start playback of selected items.

Clearing My Selections

1. Press **M** during playback to access the Player's menu. Highlight "Clear MySel" by pressing **+** or **−** . Then press ▶❚❚ to confirm deletion of the selected items.

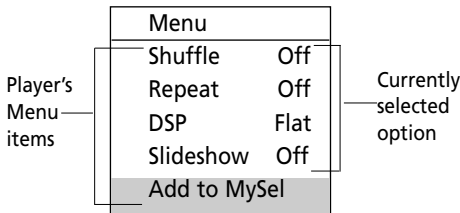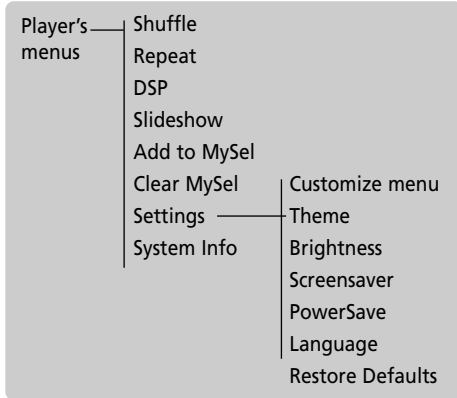| Menu	
Repeat	Off
DSP	Flat
Slideshow	Off
Add to MySel	
Clear MySel	

Player's Menus

Accessing the Player's Menus

Press **M** during playback to access the Player's menu.

Navigation and Selection

Player's menus — Shuffle
Repeat
DSP
Slideshow
Add to MySel
Clear MySel ——— Customize menu
Settings ——— Theme
System Info   Brightness
Screensaver
PowerSave
Language
Restore Defaults

Menu

Shuffle	Off
Repeat	Off
DSP	Flat
Slideshow	Off
Add to MySel	

Player's Menu items

Currently selected option

1. To scroll up or down to highlight items on the screen, press **+** or **–** .
2. To confirm your selection or enter and view the submenu, press ▸▸⋮ .
3. To go back to the previous menu level, press ⋮◂◂ .
4. Press ▸❚❚ repeatedly to select options.

Shuffle

Press ▸❚❚ repeatedly to select shuffle ⇄ on or off. Files will be played randomly when shuffle is activated.
This item is only available when you are listening to a music (mp3/wma/wav) file.

Repeat

Press ▸❚❚ repeatedly to select a repeat mode. This item is only available when you are listening to a music (mp3/wma/wav) file.

Repeat One ↻ - Repeat the current item.

Repeat All ↺ - Repeat all items.

Repeat Off - Repeat is Off.

Note: Repeat and shuffle will work differently if you have highlighted a song or a set (albums, genres, etc.). You can select your desired combination of Shuffle and Repeat to suit you.

DSP (Digital Signal Processor)

Press ▸❚❚ repeatedly to select a DSP mode. Options available: Flat, Bass, Graphic, Pop, Rock and Jazz.

Press ▸❚❚ repeatedly until Graphic appears and then press ▸▸⋮ to enter Graphic mode. In graphic mode, you can customize the five band equalizer. Press ⋮◂◂ or ▸▸⋮ to select a band and then press **+** or **–** to adjust the band level. Press **M** to exit Graphic mode.

Graphic EQ				
Bass	Low	Med	High	Treb
0	0	0	0	0
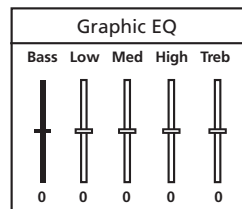
Player's Menus

Slideshow

The item defines the viewing time for each picture during a slideshow. Press ▶️❚❚ repeatedly to select among: off, 3, 5, 10 and 15 seconds.

Skipping

Press ▶️❚❚ repeatedly to select skip by file or section.

This item is only available when you are listening to a multiple-sectioned Audible file.

Add to MySel

Refer to page 22 for details.

Clear MySel

Refer to page 22 for details.

Settings

Press ▶️▶️❚ to enter the Settings menu and then press ✚ or ━ to highlight an item. Press ▶️❚❚ repeatedly to change settings.

- Customize Menu: to select what you wish to display in the submenu of Music library: Artists, Album, Titles, Genres, and Years.
- Theme: to select a color theme (blue, green, red or yellow) for the display.
- Brightness (1-8): to adjust the display light brightness.
- Screensaver (10s, 20s, 30s and 1m): to adjust the duration before the screensaver activates.
- Power Save (Off, 1m, 2m, 5m and 10m): to adjust the duration for automatic shut down when the player is idle.
- Language: to select the menu's language.
- Restore Defaults: to reset all menus to factory defaults.

System Info

Press ▶️▶️❚ to show the amount of free space available and the firmware version.

Additional Information

Tips and Troubleshooting

- Problem: Cannot delete files on the player.
- For any files you have transferred to the player, you may delete them while you have connected the player with your computer. Highlight the unwanted file in the player's file directory on your computer and press the delete key on your computer to delete the file. It is best to remove subscription files from the player by using Windows Media® Player.
- For deleting recordings, refer to page 21 for details.

- Problem: Player repeats same tracks or all tracks.
- Repeat play is turned on. Press the MENU button (**M**) to change the play mode.

- Problem: Audio distorted at high volume.
- Change the DSP mode to Flat.
- Turn down the volume.

- Problem: The audio tracks on my player keep skipping or popping.
- You'll need to re-record the audio track – make sure you close all other applications on your PC when you record.
- Try recording with Error Correction setting turned on.

- Problem: Player turns itself off.
- Your player turns itself off if you leave it in pause mode or navigation mode for the duration specified in PowerSave setting.

- Problem: The player cannot be turned on.
- Battery is empty.
- Ensure the keys lock is not activated.
- Reset the player by pressing the RESET button on the back of the player with a non-metal pointed object (e.g. toothpick).
- If the player still cannot be turned on after resetting, perform a firmware upgrade to restore it.
- Please go to http://www.rcaaudiovideo.com for more details.

- Problem: Player does not respond to key presses.
- If your player stops responding to key presses, you can reset it by pressing the RESET button

on the back of the player with a non-metal pointed object (e.g. toothpick). Most of your settings will be preserved; only the settings that you have changed after your last power off will be lost.

- This player 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 you can reset it by pressing the RESET button on the back of the player with a non-metal pointed object (e.g. toothpick).

- Problem: Player cannot play WMA songs.
- Secure music download files must be transferred to your player through Windows Media® Player or the application recommended by your online music download service (Note: Services and applications must be Windows Media audio-compliant and support Digital Rights Management.) (Apple iTunes music content is not supported).

- Problem: The player takes a long time to read files in a folder.
- File reading may take longer if too many files are put in a single folder. Re-organize your files into a number of folders.

- Problem: Why song information is not showing correctly?
- Song information may not match your current player's language setting. Change the language setting.

- Why the player cannot view the picture files?
- The player only supports .jpg extension file, and do not support other formats like .bmp, .tiff, .jpeg.
- All picture files need to be put in the "Media" folder (if Windows Media Player 10 is installed) or "Internal Storage" folder (if Windows Media Player 11 is installed) of the player when in Windows® XP or Windows Vista™ and connected in MTP mode or put in the root directory of the player when in Windows® 2000 and connected in MSC mode.

- Why the player cannot play the video files from the computer?
- All video contents must be converted by the

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Additional Information

video converter which comes with the player (please refer to the CD). Other format of video file will not be supported.
– The converted video contents must be put in the "Media" folder (if Windows Media Player 10 is installed) or "Internal Storage" folder (if Windows Media Player 11 is installed) or put in the root directory of the player when in Windows® 2000.

- Why does my player report that it is full?
– You have filled the capacity of the internal memory of the player.

– You have exceeded the maximum number of items that this player supports. Your player can only support up to 999 media files within eight hierarchy of folder in maximum.

- Problem: Cannot playback tracks on the player.
– 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 192 kbps
– WMA files may be DRM protected and you don't have the proper rights (license) to play the files.
– Check the website and/or application help system of the music download service provider from where the content was purchased from for license acquisition details. For more information on how license acquisition works, go to www.microsoft.com/windowsmedia/drm.

- Problem: Why can't my portable player playback songs downloaded from my paid Music Server Provider subscription service?
– The internal clock in your portable player may not be up to date. Downloading a new subscription song from your Music Server Provider should update your player's clock and allow it to playback all your songs again.
– The license for your subscription songs may have expired. Synchronize your device with your PC again to obtain an update to your license. If the problem persists, please contact your Music Service Provider for additional support.

- What is MTP mode?
– MTP (Media Transfer Protocol) mode is essential if you want to transfer DRM content to your player. In MTP mode your player will no longer show up as a drive letter. So programs that were designed to work with a player that shows up as a drive letter will not be able to work directly with the player.

Check for Updates

Visit http://www.rcaaudiovideo.com/downloads for the latest news and firmware upgrades for our digital media player.

Specifications

Hardware

- Dimensions: 92.2 mm H, 46.1mm W, 8.7mm D
- Unit Weight: 40g
- Stereo Headphones/USB Connection Jack
- Battery Operated: Rechargeable lithium battery.

USB Drive

- External USB Drive: When connected to a computer via USB, the player is capable of storing any file type allowing the user a fast, convenient method of storing, retrieving, and transferring files. This includes word processing files, presentations, spreadsheets and any other computer files.
- Capacity: M4001/MC4001 - 1GB, M4002/MC4002/M4002BL/M4002RD/MC4002BL - 2GB
- Connection: USB 2.0, Hi-speed capable

Software

- Includes the player applications and media management software.

Limited Warranty (U.S.)

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 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.

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 INC., ITS AGENTS OR EMPLOYEES SHALL CREATE A GUARANTY 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.

Limited Warranty (Canada)

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. Call 1-800-522-0338 (English) or 1-800-522-0445 (French) for instructions concerning where to mail the product.

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.