

# **RCA**

# **Mobile Video Cassette Player User's Guide**

**Changing Entertainment. Again.**



# Important Information

## WARNING

To reduce the risk of fire or electric shock, do not expose this product or AC charger to rain or moisture.

## CAUTION

RISK OF ELECTRIC SHOCK. DO NOT OPEN.

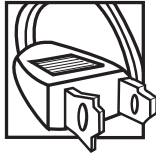
To reduce the risk of electric shock, do not remove cover (or back). No user serviceable parts inside. Refer servicing to qualified service personnel.



This symbol indicates "dangerous voltage" inside the product that presents a risk of electric shock or personal injury.



This symbol indicates important instructions accompanying the product.



**Caution:** To prevent electric shock, match wide blade of plug to wide slot, fully insert.

**Attention:** Pour éviter les chocs électriques, introduire la lame la plus large de la fiche dans la borne correspondante de la prise et pousser jusqu'au fond.

Refer to the identification/rating label located on the back panel of your product for its proper operating voltage.

To reduce risk of injury, charge only rechargeable batteries recommended by the manufacturer for this product. Other types of batteries may burst causing damage and personal injury.

FCC Regulations state that unauthorized changes or modifications to this equipment may void the user's authority to operate it.

## Product Registration

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

## Product Information

Keep your sales receipt to obtain warranty parts and service and for proof of purchase. Attach it here and record the serial and model numbers in case you need them. These numbers are located on the product.

Model No. \_\_\_\_\_

Serial No. \_\_\_\_\_

Purchase Date: \_\_\_\_\_

Dealer/Address/Phone: \_\_\_\_\_

## FCC and Industry Canada Information

This equipment has been tested and found to comply with the limits of a Class B 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 this 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.

This Class B digital apparatus meets all requirements of the Canadian Interference--Causing Equipment Regulations.

This Class B digital apparatus complies with Canadian ICES-003.

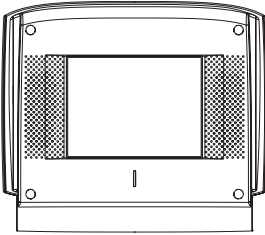
Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

# Introduction

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Your new mobile Video Cassette Player has been designed for use in vehicles, hotels, offices, and your home and should provide years of trouble-free use. Make sure to read the entire instruction manual to get the most out of your video cassette player.

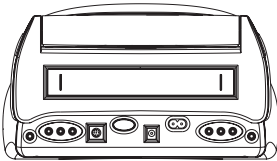
## Your Video Player's Features Include:



- 5.6 inch LCD Video Display Monitor

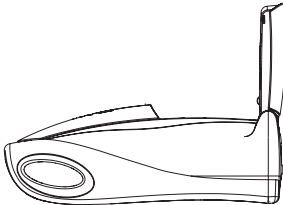
- A/V in/out jacks

- Twin Headphone Jacks



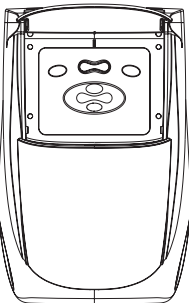
- AC and 12-volt DC Power

- Car Cigarette-lighter Converter



- Game Attachment Allowed

- Additional LCD Displays Allowed



- Easy clean design

- Lighted Front Control Panel

- Front Storage Compartment

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# Installation

## Chapter Overview:

- Safety Information
- Installing the Player in a Car
- Using the Player in a Hotel, Office, or Home

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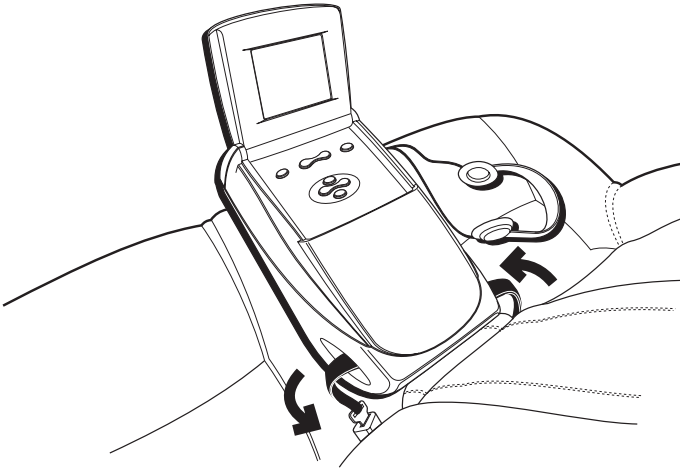
## Before You Install

This section of the manual will help you properly set up the mobile video player for the best performance.

Before looking at the specifics of the mobile player's system, please take a moment to review the following precautions:

- When in a car, the player must be powered from the "Accessory" switch setting (i.e. not directly from the battery). The player's power should only be turned on when the car's ignition is turned on.  
**Note:** *To prevent the car's battery from discharging, disconnect the player's power cable from the lighter jack when not in use.*
- Make sure to install the player according to the instructions in this manual.
- Use only the approved power adapter supplied with your player. Always disconnect the adapter from the lighter socket or wall outlet before disconnecting the power cord from the player.
- Never plug or unplug the player with wet hands. Always unplug the unit if you are not going to use it for an extended period of time.
- Never use chemicals such as paint thinner, solvents, ammonia, or any other harsh cleaners on any part of the player. Remove dust and dirt using a damp cloth.
- AVOID ELECTRICAL SHOCKS- Never attempt to remove the panel of the player's LCD monitor.
- Always remove tapes from the player after use.





## Installing the Player in the Car

1. Rest the player in the center of the *rear* seat.
2. Insert the center seat's safety belt through the player's retainer holes as shown.

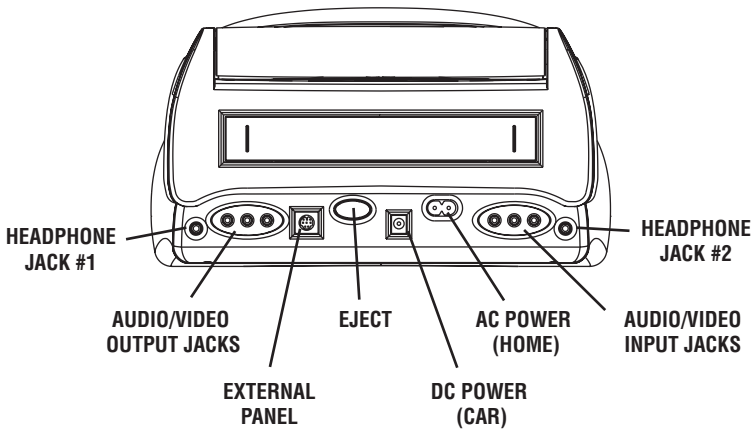
**IMPORTANT NOTE:** Secure the player with as little slack in the seatbelt as possible for safety. Tighten the seat belt snugly so the player does not move out from the back of the seat.

When the player is not in use the LCD screen should be closed firmly. Do not place objects in the front storage compartment other than the AC cord or the supplied car cigarette lighter cord.

3. Fasten the safety belt strap by inserting and passing it through the video player's two end slot openings as shown.
4. Plug the cigarette lighter adapter into the DC POWER (CAR) jack on the back panel of the player. Attach the other end of the power cord to the car's cigarette lighter.

**Note:** Make sure the car's ignition is on before plugging the player's adapter into the cigarette lighter socket.

5. Adjust the LCD monitor angle for desired viewing.
6. If desired, connect headphones to either of the two headphone jacks on the back of the player.



## Using the Player in a Hotel, Office, or Home

1. Place the player carefully on a table or other resting surface with the bottom of the unit facing down.
2. Plug the AC power cable into the AC POWER (HOME) jack on the back panel of the player. Attach the other end of the power cord to a standard wall outlet. Make sure to insert the blades of the power cord fully into the outlet.
3. Adjust the LCD monitor's angle for desired viewing.
4. If desired, connect headphones to either of the two headphone jacks on the back of the player.

# Using the System

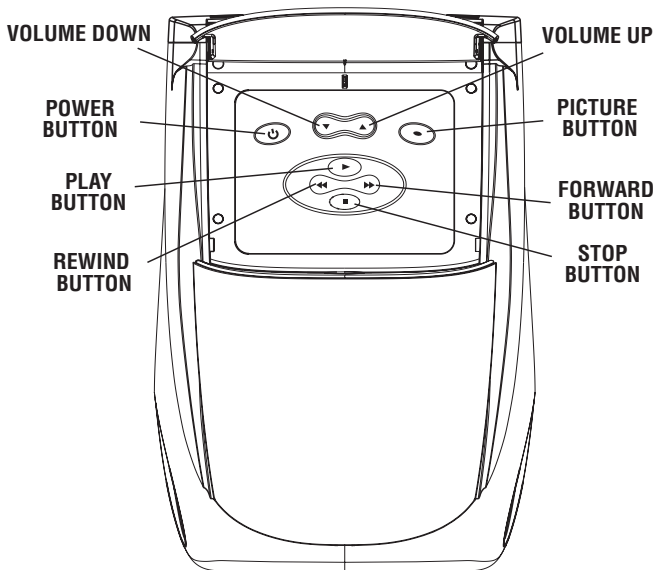
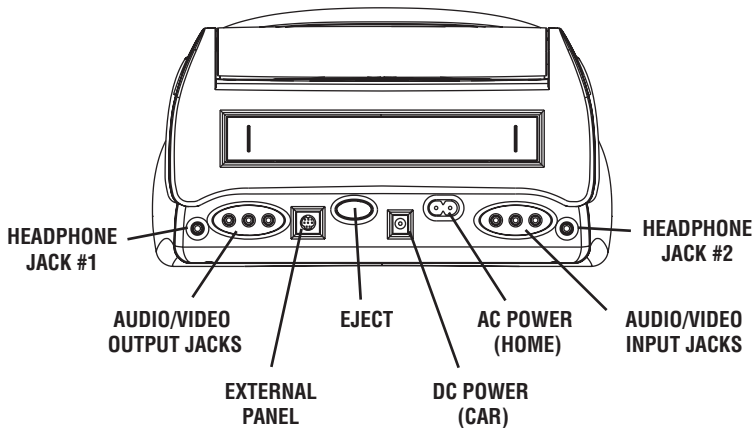
### Chapter Overview:

- Controls, Indicators, and Connectors
- Watching Tapes
- Playing Video Games
- Using the Auxiliary jacks

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## Controls, Indicators, and Connectors



## Watching Tapes

To watch a tape, turn on the player's power, raise the LCD monitor to a desired viewing level, insert the tape into the rear panel loading slot, and press the PLAY button.

**Note:** To eject a tape in playback mode, press the EJECT or STOP button twice; to eject a tape in stop mode, press the EJECT or STOP button once.

## Adjusting the Video Player

Adjust the sound to a desired level using the VOLUME up and down button.

If the LCD's image needs to be adjusted:

1. Use the PICTURE button to display an on-screen menu with color, tint, brightness, and contrast information.
2. Use the VOLUME button to move the on-screen highlight to the desired choice
3. Press the PICTURE button to select it.
4. Use the VOLUME button to adjust individual settings up and down. Each button is illustrated in the Controls, Indicators, and Connectors diagrams on the opposite page.

## Playing Video Games

There are three jacks on the player's jack panel. The jacks are labeled Video, Audio L, and Audio R. Plug the video output from your video game machine into the yellow Video input jack on the player. Plug the Audio cable(s) from the game machine into the corresponding Audio input jacks on the player.

**Note:** Prior to connecting any video game console, make sure any tape in the player is stopped.

## Using AUX Jacks

You can view an image from an external source (like a camcorder) using the player's A/V input jacks.

### A/V Jacks

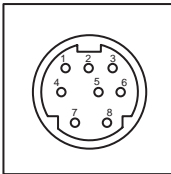
There are three A/V input jacks and three A/V output jacks on the player's rear jack panel.

You can connect an external device like a game console or camcorder into the A/V input jacks.

**Note:** *Make sure to stop all tape playback in the player before connecting an auxiliary device to the player's A/V input jacks.*

You can connect the player to another device like a VCR using the A/V output jacks.

### 8PIN DIN JACK



#### PIN ASSIGNMENT

1. POWER (DC 12V) OUTPUT
2. N.C or IR REPEAT OUTPUT
3. POWER (GND) OUTPUT
4. VIDEO OUTPUT
5. VIDEO GND
6. AUDIO R OUTPUT
7. AUDIO GND
8. AUDIO L OUTPUT

## Using an External Monitor

Your player has a monitor port in the rear which provides DC 12V and A/V output in one DIN socket. Connect the the unit via the monitor port to an external monitor or TV (monitor cable not included).

**CAUTION:** *For vehicle use, connect the mobile video player only to a factory equipped compatible display. To determine full compatibility, check the owners user guide provided by your vehicle manufacturer.*

*Damage can occur using a non-compatible monitor if it does not have a fully compatible 8-pin input jack. For the specific wiring function of each electrical pin within the jack, see the illustration at left.*

## Other Information

### Chapter Overview:

- Troubleshooting
- Care and Cleaning
- Traveling Tips
- Wired Headphones
- Specifications
- Index
- Warranty

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## Troubleshooting Tips

In this section, you will find answers to common video player questions. Consulting with this section first when there is problem may help you answer common questions.

### No power

- Check to make sure all power cord connections are tight and plugged into an operating power source.

### Rewind does not operate

- Check to make sure the tape is not already rewound.

### The VCP makes noise when stopped

- The player is removing the tape from the playheads. A sound is normal. The head cylinder inside the player will continue to rotate for a few minutes after you stop the unit.

### Snowy or no picture during playback

- Check video cable connections between the player and any connected monitor.
- Try another tape.

### Streaks in picture during normal playback

- Check to make sure the tape is of good quality and not worn out.

### Will not play

- Check to make sure there is a tape in the player.
- Try ejecting and reinserting the tape.
- Check to make sure the tape is not broken.

### Tape plays back in slow motion

- Press PLAY to return to normal playback.



## Proper Care and Storage

- Keep dirt from entering the player's cassette tape door. Dust and grit are abrasive and cause excessive wear to the playback heads and/or tapes.
- Always close the LCD monitor when not in use.
- Before handling the player or tapes, make sure your hands and face are free from any chemical products such as suntan lotion, as damage to the finish or internal parts may occur.
- The player might be damaged by improper storage or handling. Do not subject the unit to swinging, shaking, or dropping.
- Do not store the player in temperatures below +4° F (-15°C) or above +149°F (65°C).
- When not in use, always remove any inserted tape and the power supply.
- Retain the original carton for future storage or shipping purposes.

## Cleaning the Player

1. Clean the exterior, wiping gently with a soft cloth. For heavy dirt, use diluted, mild soap and wring the cloth well. Then wipe again with a dry cloth.
3. To clean the LCD monitor, raise it to the vertical position. Wipe gently with a soft cloth.

### Notes:

- Avoid using strong cleaning agents such as alcohol.
- Cleaning should be done only after the power supply has been disconnected.
- Mold may form if the monitor is left dirty.
- When using a cleaner or chemically treated cloth, refer to the cautions of each product.

## Things to Avoid

- Never attempt to disassemble the player. There are no user-serviceable parts inside.
- Avoid operating the player immediately after moving it from a cold location to a warm location. Give it 1-1/2 to 2 hours to reach a stable temperature before inserting a tape.
- Never leave the player in direct sunlight. The resulting heat buildup might permanently damage internal parts.
- Do not expose the player or power supply cord to rain or moisture. If any component becomes wet, turn off the power and take the unit to an authorized RCA service provider.
- Do not use a power supply cord other than the one supplied with the player. Using the wrong power accessories might cause damage to the unit.

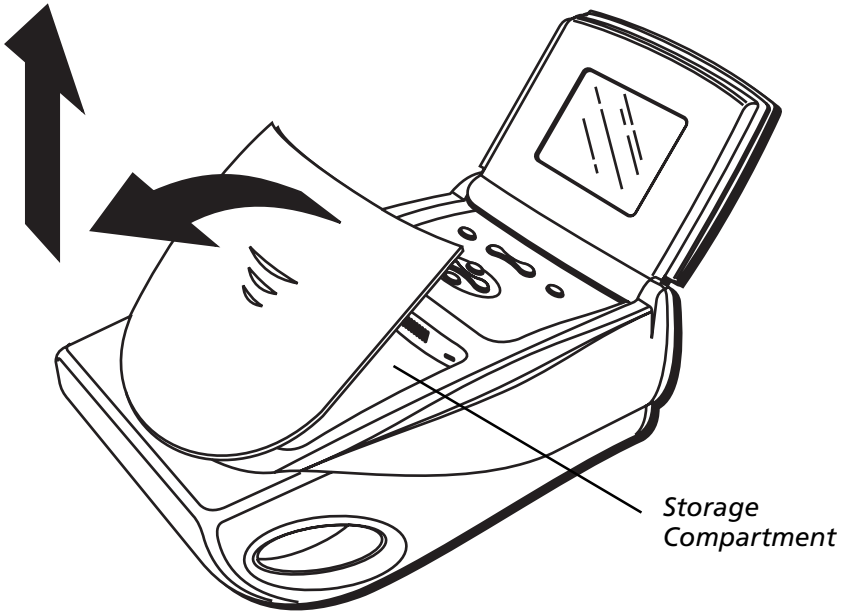
## Travel Tips

- Write down your player's serial number and keep it separate from the unit when traveling. If your player is lost or stolen, you will be able to identify it.
- Use extra care to avoid damage to your player and accessories when operating them at a beach or pool. Spray, sand, and dust should be avoided.
- Make sure you have any plug adapters that you might need before taking your player to other countries. Consult your dealer for advice.

## Wired Headphones

You can use up to two optional wired headphones with the player. The unit comes with two headphone jacks located on each side of the jack panel.

**Note:** Plugging an optional headset into jack number 2 will cause both internal speakers to turn off.



### Storage Compartment

Your portable video player has a compartment on its top side that allows you to store the unit's power cords.

**Notes:** The storage compartment is not intended to store anything but the AC and car-adaptor power cords. Placing anything else in the storage compartment may damage the unit and void its warranty.

The LCD monitor panel must be lifted first before opening the storage compartment.

To open the storage compartment, first open the LCD monitor panel, then carefully lift the storage compartment lid from the indentions in the left and right sides near the top.

## Specifications

Color System:	NTSC
Screen Size:	5.6 inches
Audio Track:	1 Track
Tape Width:	12.7 mm
Tape Speed SP:	33.35 mm/s
Playback Time:	180 minutes with T-180 set to the SP speed mode
Fast-Forward/Rewind Time:	Less than 7 minutes with T-120
Video Output:	1.0 Vp/p, 75 Ohm, unbalanced
Video S/N:	Better than 40 dB
Audio Output:	2x0.5 W
Audio S/N:	Better than 40 dB
Power Supply:	DC 12V, AC~120V 60Hz
Power Consumption:	AC (wall outlet): 35W DC (cigarette lighter adapter): 25W
Operating Humidity:	10-75 percent
Storage Temperature:	4-149 degrees Fahrenheit (-15-65 degrees Centigrade)
Dimensions (WxHxD):	10.82 x 5.9 x 16.73 inches (275 x 150 x 425 mm)

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## Warranty

### What your warranty covers:

- Defects in materials or workmanship.

### For how long after your purchase:

- 1 year from date of purchase- Unit exchange, which includes parts and labor.
- The warranty 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:

Exchange the unit with a new or, at our option, refurbished unit.

### How you get service:

- To identify your nearest Authorized RCA Service Center, ask your dealer, visit RCA.com, look in the Yellow Pages, or call 1-800-951-9582 and have your unit's date of purchase and model/serial number ready. The model/serial number information is on the back of your unit.
- A representative will troubleshoot your problem over the phone.
- If the representative determines that you should receive a replacement unit you will be provided with a Service Request (SR) number and the location of a nearby exchange point if one exists. No returns will be accepted without the SR number.

### To receive a replacement unit before you return yours:

#### Option I:

1. Provide your Discover, MasterCard or Visa account number and expiration date to your phone representative. This is for security purposes only and your account will not be charged at this time.
2. We will send you a replacement unit.
3. If you return the unit to us within 14 days from the date you were provided a SR number, only items not covered by warranty will be charged to your account. If your unit is not received within 14 days, the suggested retail value of the receiver will be charged to your credit card. This amount will be credited, less a \$10 handling fee, if the unit is subsequently received.
4. Ship your defective unit back to us using the replacement unit's carton. Shipping instructions will be included on the carton along with your SR number which will allow you to easily ship the unit back to us. Make sure you insure your shipment in case of damage or loss. Include with the shipment:
  - 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.
    - A brief note describing your receiver problem.
    - Your name, address and phone number.

#### Option II:

1. For a fee of \$10.00, we will send a replacement unit to our exchange point.
2. The exchange location will notify you of its arrival.
3. Take your unit and evidence of purchase date, such as a bill of sale, to the exchange location and you will be provided the new or refurbished unit. Please retain all accessories such as the remote control hand unit.
4. If the repairs are covered by your warranty, you will not be billed.

*Thomson assumes no responsibility of warranty shipments from the customer to the factory if not shipped in the manner prescribed by Thomson.*

Return transportation, storage, handling and insurance costs are your responsibility. We accept no responsibility in case of damage or loss.

To receive a replacement unit after we have received your unit:

- Write the SR number on the outside of the carton used to return the unit. Make sure you insure your shipment in case of damage or loss.
- Carefully pack the unit using the original box and packing material if possible. Please retain all accessories that were included with your unit such as the remote control hand unit.

- Include with the shipment:
  1. 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.
  2. A brief note describing your unit's problem.
  3. Your name, address and phone number.
- The representative will advise the address to mail a cashier's check or money order for payment if there are any out of warranty labor or parts charges, and you elect not to use your credit card.
- After we receive your product, a new or refurbished unit will be shipped to you.

What your warranty *does not* cover:

- Acts of nature, such as but not limited to lightning damage.
- Adjustment of customer controls.
- Damage from misuse or neglect.
- A unit that has been modified or incorporated into other products or is used for institutional or other commercial purposes.
- Batteries.
- Units purchased or serviced outside the U.S.A.
- Shipping damage if the unit was not packed and shipped in the manner prescribed by Thomson.
- Storage fees may be charged by the exchange point if you fail to pickup the replacement unit in a timely manner.
- Customer Instruction. (Your Owner's Manual describes how to install, adjust, and operate your unit. Any additional information should be obtained from your dealer.)
- Cleaning of Audio/Video heads.

### **Product Registration:**

- Please complete the online Product Registration on RCA.com or 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 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 United States:

- This warranty does not apply. See 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.*

**Visit the RCA website at [www.rca.com](http://www.rca.com)**

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Please do not send any products to the Indianapolis address listed in this manual or on the carton. This will only add delays in service for your product.

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