

SPS3200



EN

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

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.

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.

WARNING: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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

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

Mounting Instructions

TOOLS NEEDED:

- 1) Electric drill with 1/4" bit;
- 2) Phillips-head (cross style) Screwdriver.

STEP 1

If your cabinet does NOT have an overhang:

- a) Place the Mounting Template in the desired location inside or underneath the cabinet (whichever has less obstructions, and will be easier for you to reach to drill holes), flush with the front edge of the cabinet and tape it down. Go to STEP 2.

If your cabinet DOES have an overhang:

- a) Measure the thickness of the cabinet overhang (see Figure 1).

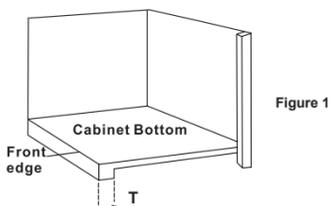


Figure 1

- b) Fold the Mounting Template along the guideline that is closest to the thickness (see dimension "T" in illustration) of your cabinet overhang.

- c) Tape Mounting Template to the underside of the cabinet with the folded portion of the Mounting Template flush up against the cabinet overhang (see Figure 2). Go to STEP 2.

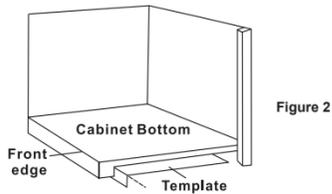


Figure 2

STEP 2

Use an electric drill with a 1/4" bit (not included) to drill all four holes marked on the Mounting Template (see Figure 3). To reduce splintering, place a small piece of masking tape over each hole location before drilling.

Go to STEP 3.

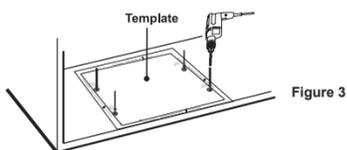


Figure 3

Mounting Instructions

- d) Hold each screw head down and push the unit and spacers onto the screws, then hold the unit up until spacers are firmly against the bottom of the cabinet (and fully nested within each other if you are using multiple spacers for each screw).
- e) Partially tighten each screw, but do not fully tighten the screws until all of them have been started (see Figure 6).
- f) Gently tighten each screw until they are firmly holding the unit in place. The top front edge of the unit should clear the overhang.

Go to STEP 4.

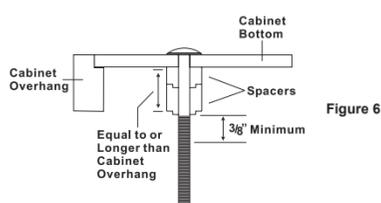


Figure 6

STEP 4

Plug the cord into the wall outlet

- a) Before connecting power cord, make sure the voltage of the unit matches with your local voltage.

- b) Plug the power cord directly into the nearest wall outlet, and wrap the remaining cord around the cord storage knob at the rear of the unit.

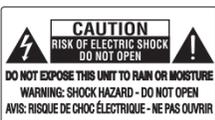
MOUNTING SUGGESTIONS

- 1) If your cabinet has obstructions inside it which prevent you from using the template, cut out the corresponding area on the template, but do NOT cut out or through the screw holes.
- 2) If your cabinet has obstructions underneath it, which will interfere with the mounting of the unit, remove the obstruction before mounting the unit, or find another location to mount the unit.
- 3) It is recommended that you wear safety glasses while drilling to prevent eye injuries.
- 4) For wood cabinets, you may want to mark the hole locations with a nail, pressed gently but firmly into the wood so that a slight impression is made. This will also help keep the drill bit centered in the right location.
- 5) Hold the drill firmly against the cabinet to keep the drill from "walking".

**CAUTION:**

TO REDUCE THE RISK OF FIRE, DO NOT PLACE ANY HEATING OR COOKING APPARATUS BENEATH THIS UNIT.

Safety Precautions



The symbol for Class II (Double Insulation)

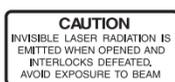
SEE MARKING ON BACK OF PRODUCT

The lightning flash with an arrowhead symbol, within the equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to cause an electric shock.

The exclamation point within the equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in this owner's manual.

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

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



Safety Precautions



WARNING: THE APPARATUS SHALL NOT BE EXPOSED TO DRIPPING OR SPLASHING AND THAT NO OBJECTS FILLED WITH LIQUIDS, SUCH AS VASES, SHALL BE PLACED ON THE APPARATUS.

CAUTION:

- USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.
- MAIN PLUG IS USED AS THE DISCONNECTED DEVICE, IT SHALL REMAIN OPERABLE AND SHOULD NOT BE OBSTRUCTED DURING INTENDED USE. TO BE COMPLETELY DISCONNECTED THE APPARATUS FROM SUPPLY MAINS, THE MAIN PLUG OF THE APPARATUS SHALL BE DISCONNECTED FROM THE MAINS SOCKET OUTLET COMPLETELY.

ON SAFETY

- Before operating, make sure the voltage requirement of the mains plug matches your local voltage.
- Disconnect the mains plug immediately if liquid spills into or onto the unit, or if an object falls into the unit. The unit should not be used until service by a qualified service personnel is completed.
- Do not open the cabinet. Lasers used in rays employed by the unit may damage your eyes. Any servicing should be done by qualified service personnel.
- When you are not going to use the unit for a long period of time, disconnect the mains plug.

ON PLACEMENT

- Do not leave, mount or use the unit in places which are extremely hot, cold, dusty, or humid.
- Allow adequate air circulation to prevent internal heat build-up. Do not place the unit on a surface or near materials (a curtain ex. rugs, blankets, curtains, etc.) which might block the ventilation holes.

ON CONDENSATION

- When left in a heated room where it is warm and damp, water droplets or condensation may form inside the CD player. When there is condensation inside the unit, the unit may not function normally. Let it stand for 1 to 2 hours before turning the power on, or gradually heat the room and allow the unit to dry before use.

For your safety

The AC power plug is polarized (one blade is wider than the other) and only fits into AC power outlets one way. If the plug won't go into the outlet completely, turn the plug over and try to insert it the other way. If it still won't fit, contact a qualified electrician to change the outlet, or use a different one. Do not attempt to bypass this safety feature.



Removing the power supply is the only way to completely remove power from your product. Make sure the power plug remains easily accessible.

CAUTION: TO PREVENT ELECTRIC SHOCK, MATCH WIDE BLADE OF PLUG TO WIDE SLOT, THEN FULLY INSERT.

Important Safety Instructions

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 a 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 defect 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 wall 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 a cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution



Portable Cart Warning

when moving the cart / apparatus combination to avoid injury from tip-over.

- 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 the power 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.

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.
- Discard any leaky or deformed battery immediately. They may cause skin burns or other personal injury.
- Batteries shall not be exposed to excessive heat such as sunshine, fire or the like.
- Please help to protect the environment by recycling or disposing of batteries according to federal, state, and local regulations.

Before You Begin

Useful Advice

- Do not use your system immediately after transporting it from a cold place to a warm place, as condensation may cause the system to malfunction. If moisture forms inside this system, it may not operate properly. To correct the problem, turn off the power and wait about 30 minutes for moisture to evaporate.
- This system is fitted with a laser. To avoid accidents, it is to be opened by qualified technicians only.
- Never leave the tray open as dust could cover the laser lens and / or the tray could be bumped into accidentally.
- Do not place the system near wet areas such as bathrooms and pool inside. Avoid storing the system at humid places or near abnormally heated areas.
- Ensure minimum distance around the apparatus for sufficient ventilation. The ventilation should not be impeded by covering the ventilation openings with items, such as newspaper, etc.
- No naked flame source, such as lighted candles, should be placed on the apparatus.

STEP 3

If your cabinet does NOT have an overhang:

- a) Four screws are provided with the unit. Select the screw length which will go completely through your cabinet bottom, and provide at least 3/8" of thread to screw into the main unit.
- b) Insert the four selected screws through each hole from the inside of the cabinet going down (see Figure 4).

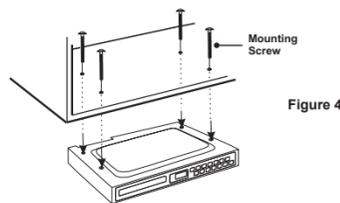


Figure 4

- c) Hold the unit up against the bottom of the cabinet, and align the four holes on the top of the unit with the screws. Partially tighten each screw, but do not fully tighten the screws until all of them have been started.
- d) Gently tighten each screw until they are firmly holding the unit in place.

Go to STEP 4.

If your cabinet DOES have an overhang:

- a) Four screws are provided with the unit. Select the screw length which will go completely through your cabinet bottom, and extend at least will go completely through your cabinet bottom, and extend at least 3/8" past the bottom of your cabinet overhang.
- b) This unit includes two sets of four spacers of various lengths. The spacers can be put together to form longer spacers to accommodate various cabinet overhang thicknesses. Determine the best combination of spacers which is equal to or longer than the cabinet overhang thickness.
- c) Insert the four selected screws through each hole from the inside of the cabinet going down (see Figure 5).

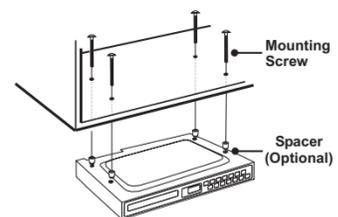
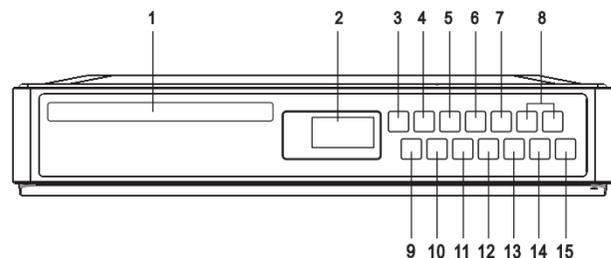


Figure 5

General Controls

Front Panel Controls



1. **CD Drawer**
2. **LCD Display**
3. **POWER Button**
Press to turn ON the unit or put it in STANDBY(OFF) mode.
4. **PLAY/PAUSE Button**
Press to start / pause playback of a disc.
5. **STOP Button**
Press to stop playing a disc.
6. **PREV/- TUNE Button**
Press to change the digits(in Timer mode) / skip to the previous track(in CD mode) / tune in to different stations(in Radio mode).
7. **NEXT/TUNE + Button**
Press to change the digits(in Timer mode) / skip to the next track(in CD mode) / tune in to different stations(in Radio mode).
8. **VOLUME +/- Button**
Press to adjust the volume.

9. **OPEN/CLOSE Button**
Press to open / close the CD door.
10. **AM/FM Band Button**
11. **CD-RADIO Button**
12. **REPEAT/PRESET Button**
Press to repeat a single track or an entire disc(in CD mode) / set a radio station preset(in Radio mode).
13. **CLOCK SET/MEM Button**
Press to set a clock(in standby mode) / store a track in memory(in CD stop mode).
14. **TIMER Button**
Press to set the cooking timer.
15. **Display Button**

Setting the Clock

The unit must be in standby mode. To enter standby mode, make sure that the unit is plugged in, but not turned on.

1. Press and hold the **MEM** button until the HOUR digit blinks.



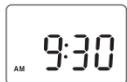
2. Press the **TUNE -** or **TUNE +** button to set the current hour, then press the **MEM** button to confirm.



3. Press the **TUNE -** or **TUNE +** button to set the current minutes.



4. Press the **MEM** button to start the clock. The clock will automatically start if no button is pressed within 5 seconds.



Note: 12-hour system "12:00 PM" = NOON.

Radio

TUNING IN TO A STATION MANUALLY

1. Press the **POWER** button on the front panel to turn on the unit.
2. Press the **CD-RADIO** button on the unit until TUNER is displayed.



3. Press the **AM / FM** button on the unit to select AM or FM.
4. Press the **TUNE +** or **TUNE -** button to tune in to a desired station.

Note: When using the radio, the station will disappear and the time will be displayed if no button is pressed within 5 seconds.

To Quickly Search for a Station

Press and hold the **TUNE +** or **TUNE -** button until the tuner starts searching for a station, then release. The tuner will stop on the next station.

To Turn Off the Radio

Press the **POWER** button on the unit to turn the unit off.

SETTING A RADIO STATION PRESET

The unit can store a total of 20 stations in memory (10 FM, 10 AM). Presetting allows you to tune in to a station directly.

1. Press the **CD-RADIO** button on the unit to select TUNER.
2. Press the **AM / FM** button on the unit to select AM or FM.
3. Press the **TUNE +** or **TUNE -** buttons to tune in to a desired station.
4. Press the **MEM** button until the "MEMORY" indicator blinks and the two digits (e.g. "01") blink on the display. The digits (e.g. "01") indicate the preset station number that will be used to store your station.



5. If you want to store to a different preset number, simply press the **PRESET** button to repeatedly until the desired preset station number is displayed.
6. Press the **MEM** button to store the station.
7. Repeat steps 3 to 6 for the next preset.

TUNING IN TO A PRESET RADIO STATION

1. Press the **CD-RADIO** button on the unit until TUNER is displayed.
2. Press the **AM / FM** button on the unit to select AM or FM.
3. Press the **PRESET** button to select a preset station.

Display Function

CD Mode

1. During playback, press the **DISPLAY** button repeatedly to shuffle between the CD playback mode and the current time.
2. When stopped, press the **DISPLAY** button to shuffle between the total number of CD tracks and the current time.

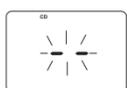
RADIO Mode

- Press the **DISPLAY** button to shuffle between the current radio station and the current time.

CD Playback

CD PLAYBACK

1. Press the **POWER** button on the front panel to turn on the unit.
2. Press the **CD-RADIO** button to change CD mode.



3. Press the **OPEN** button to open the CD drawer. Place a CD onto the CD tray with the label side up and then press the **OPEN** button to close it. The CD will be scanned by the unit and the total number of tracks will be displayed.

4. Press the **PLAY** button to start playing the CD. The current track appears on the display.



Note: During playback, the track number will disappear and the time will be displayed if no button is pressed within 5 seconds.

- Adjust volume by pressing the **VOLUME +/-** buttons.

To Pause Playback

- Press the **PAUSE** button. The current track number blinks.
- To resume playback, press the **PLAY** button again.



To Stop Playback

- Press the **STOP** button.

To SKIP to a Different Track

- To SKIP to the beginning of the CURRENT track, or any earlier track, press the **TUNE -** button.
- To SKIP to the beginning of the NEXT track, or any later track, press the **TUNE +** button.

To FAST FORWARD or FAST REVERSE to a Particular Point

- To scan forward at high speed, press and hold the **TUNE +** button and release it at the desired point.
- To scan backward at high speed, press and hold the **TUNE -** button and release it at the desired point.
- Fast forward or Fast reverse will continue searching the CD until it reaches the end.

CD REPEAT PLAYBACK

Repeating the Current Track

- Press the **PRESET** button until "REPEAT" blinks, the current track will be played repeatedly.
- Select a desired different track to be repeated by pressing the **TUNE +** or **TUNE -** buttons.



Repeat the Entire CD

- Press the **PRESET** button until "REPEAT" stops blinking and remains on. All tracks will be played repeatedly.



Cancel Repeat Play

- Press the **PRESET** button until "REPEAT" disappears.

CD PROGRAMMABLE PLAYBACK

20 tracks can be programmed to play in a preset order.

1. When the unit is ON and in CD MODE, make sure the CD is STOPPED. Press the **MEM** button. "MEMORY" and "1" will blink on the display.



2. Press the **TUNE +** or **TUNE -** buttons to select the desired track. For example, to play track 2 first, the display would look like this:



3. Press the **MEM** button to store the track in memory.

4. To add additional tracks, repeat steps 2 - 3 (up to 20 tracks).
5. To start playback, press the **PLAY** button.

To check the program:

- After setting, press the **PLAY** button to start playing, then press the **TUNE +** or **TUNE -** buttons to check the programmed tracks.

To add additional tracks during program playback:

- Press the **STOP** button, then press the **MEM** button repeatedly until the number of the last programmed track appears and repeat steps 2 - 4 above.

To change the programmed tracks during program playback:

- Press the **STOP** button, and press the **MEM** button repeatedly to select the number of the program, then press the **TUNE +** or **TUNE -** buttons to alter the track. Press the **MEM** button to register the newly programmed track into memory.

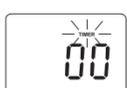
To erase the whole program, do one of the following:

- Press the **STOP** button twice.
- Press the **CD-RADIO** button to change to radio mode.
- Open the CD drawer by pressing the **OPEN** button.

Note: You can use the REPEAT function during program play.

Setting the Cooking Timer

1. Press the **TIMER** button. The "TIMER" indicator blinks.



2. Press the **TUNE +** or **TUNE -** buttons to select your desired time from 1-99 minutes.

- TIP: Press the **TIMER** button repeatedly to select following preset times: 10, 15, 30, 45, 60, 75, 90 minutes. You can then "fine-tune" your time by using the **TUNE +** or **TUNE -** buttons.
- TIP: Press and hold the **TUNE +** or **TUNE -** buttons to fast forward/reverse to desired time.

3. When the preset time elapses, the ALARM will sound.
4. To turn Off the ALARM, press the **TIMER** button once. Otherwise, the ALARM will automatically turn off after 60 minutes if no button is pressed.

Note: Do not press any buttons within 5 seconds after setting the cooking time, otherwise, the cooking timer will be cancelled.

CANCELLING THE COOKING TIMER

- Press the **TIMER** button until the time of the cooking timer shows "00". The "TIMER" indicator will disappear within 5 seconds.

Troubleshooting, Care & Maintenance

CLOCK DOES NOT SHOW CORRECT TIME:

- There was a power outage. Set the clock again as described in "Setting the Clock".

CLEANING THE UNIT

- Do not use volatile chemicals on this unit. Clean by lightly wiping with a dry soft cloth.
- Keep the CD Drawer closed to keep dust out of the unit.

CLEANING THE CD

- If the CD skips or will not play, the disc may need to be cleaned. Before playing, wipe the disc from the center outwards with a clean cloth. After playing, store the disc in its case.

HANDLING THE CD

- Only touch the CD on the edge to avoid finger prints on the underside of the CD.
- Do not stick paper or tape on the underside of the CD, and do not write anything on the underside of the disc.

CD LENS CARE

- When your CD lens gets dirty it can cause the unit to output poor sound quality. To clean the lens you will need to purchase a CD lens cleaner. For instructions on cleaning the CD lens, refer to the instructions accompanying the CD lens cleaner.

Limited Warranty

AVC MULTIMEDIA ("AVC") makes the following limited warranties. These limited warranties extend to the original consumer purchaser and is limited to non-commercial user of the product.

One Year Parts & Labor Warranty

AVC products purchased in the United States are warranted to be free from defects in materials or workmanship for a period of one year from the date of their original retail purchase. If the unit fails to conform to this warranty, we will service the product using new or refurbished parts and products, at AVC's sole discretion.

During a period of one year from the effective warranty date, AVC will provide, when needed, service labor to repair a manufacturing defect at its designated Service Center. To obtain warranty service in the United States, you must first call our **Customer Support Center at 1-877-252-6873, during the hours listed in the box below.** The determination of service will be made by AVC customer support.

PLEASE DO NOT RETURN YOUR UNIT TO AVC WITHOUT PRIOR AUTHORIZATION. New or remanufactured replacements for defective parts or products will be used for repairs by AVC at its designated Service Center for one year from the defective warranty date. Such replacement parts or products are warranted for an additional one year from the date of repair or replacement. The Customer will be required to ship the unit to the Service Center indicated at the time Customer Support is contacted to make the necessary repairs. The customer is responsible for all transportation charges to the service facility.

Packaging and Shipping Instruction

When you send the product to the AVC service facility you must use the original carton box and packing material or an equivalent as designated by AVC.

LIMITED WARRANTY

Your Responsibility

- (1) You must retain your bill of sale to provide proof of purchase.
- (2) These warranties are effective only if the product is purchased and operated in the U.S.A. or Canada.
- (3) Warranties extend only to defects in material or workmanship, and do not extend to any product or parts which have been lost or discarded, or damage to product or parts caused by misuse, accident, improper operation or maintenance, or use in violation of instructions provided with the product, or to product which has been altered or modified without authorization of AVC, or to products or parts thereof which have had the serial number removed or changed.

Out of Warranty

In the event your product requires repair after the limited warranty period has expired, please contact our Customer Support Center at **1-877-252-6873** or **www.RCAav.com**
Hours: Monday-Thursday: 9am-7pm, Friday: 9am-5pm, Saturday: 9am-NOON Eastern time.

Important:

You are responsible for any transportation, shipping or insurance relative to the return of the product to our Product Returns Center.

All warranties implied by state law, including the implied warranties of merchantability and fitness for a particular purpose, are expressly limited to the duration of the limited warranties set forth above. With the exception of any warranties implied by state law as hereby limited, the foregoing warranty is exclusive and in lieu of all other warranties, guarantees, agreements and similar obligations of manufacturer or seller with respect to the repair or replacement of any parts. In no event shall AVC be liable for consequential or incidental damages.

No person, agent, distributor, dealer or company is authorized to change, modify or extend the terms of these warranties in any manner whatsoever. The time within action must be commenced to enforce any obligation of AVC arising under the warranty or under any statute, or law of the United States or any state thereof, is hereby limited to one year from the date of purchase. This limitation does not apply to implied warranties arising under state law.

This warranty gives you specific legal rights and you may also have other rights, which may vary from state to state. Some states do not allow limitation on how long an implied warranty lasts, when an action may be brought, or the exclusion or limitation of incidental or consequential damages, so the above provisions may not apply to you.

For more information on other products and services, please contact our web site at **www.RCAav.com**.

Important:

Also keep your "Bill of Sale" as proof of purchase.

Model no.	Product name
Type of set	Serial no.
Invoice no.	Date purchased
Dealer name	

FOR SERVICE AND REPAIR, PLEASE VISIT **www.RCAav.com**.

Specifications and external appearance are subject to change without notice.

Need more help?
Please visit online help at
<http://www.RCAav.com>