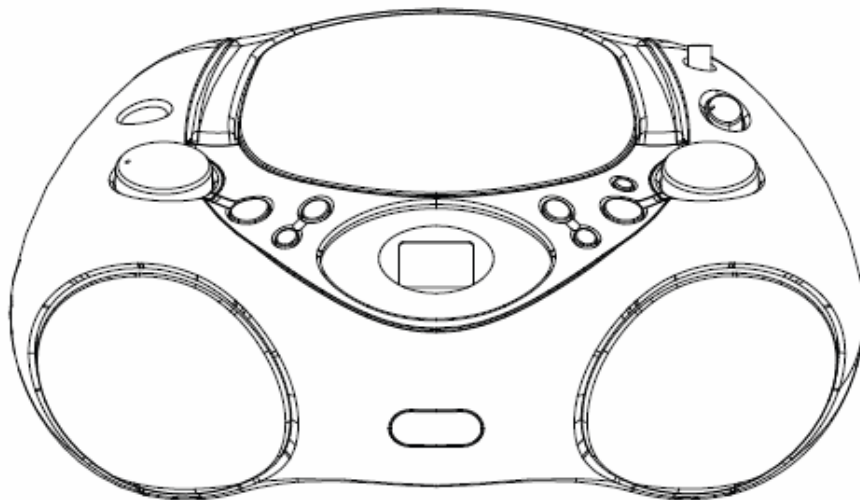


JENSEN[®]
audio

MODEL CD-480

PORTABLE AM/FM CD PLAYER




**PLEASE READ THIS USER MANUAL COMPLETELY BEFORE OPERATING
THIS UNIT AND RETAIN THIS BOOKLET FOR FUTURE REFERENCE.**

WARNING

TO PREVENT FIRE OR SHOCK HAZARD, DO NOT USE THIS PLUG WITH AN EXTENSION CORD, RECEPTACLE OR OTHER OUTLET UNLESS THE BLADES CAN BE FULLY INSERTED TO PREVENT BLADE EXPOSURE. TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

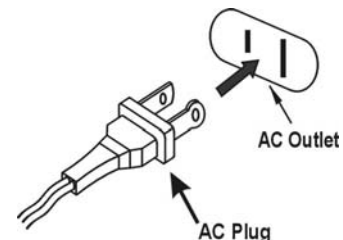


IMPORTANT SAFETY INSTRUCTIONS

1. Read these instructions.
 2. Keep these instructions.
 3. Heed all warnings.
 4. Follow all instructions.
 5. Do not use this apparatus near water.
 6. Cleaning-Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Clean only with dry cloth.
 7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
 8. Do not place this product on an unstable cart, stand, tripod, bracket, or table. The product may fall, causing serious injury to a child or adult, and serious damage to the product. Use only with a cart, stand, tripod, bracket, or table recommended by the manufacturer, or sold with the product. Any mounting of the product should follow the manufacturer's instructions, and should use a mounting accessory recommended by the manufacturer. A product and cart combination should be moved with care-quick stops, excessive force and uneven surfaces may cause the product and cart combination to overturn.
- 
9. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that product heat.
 10. 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.
 11. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
 12. Only use attachments/accessories specified by the manufacturer.
 13. Unplug this apparatus during lightening storms or when unused for a long periods of time.

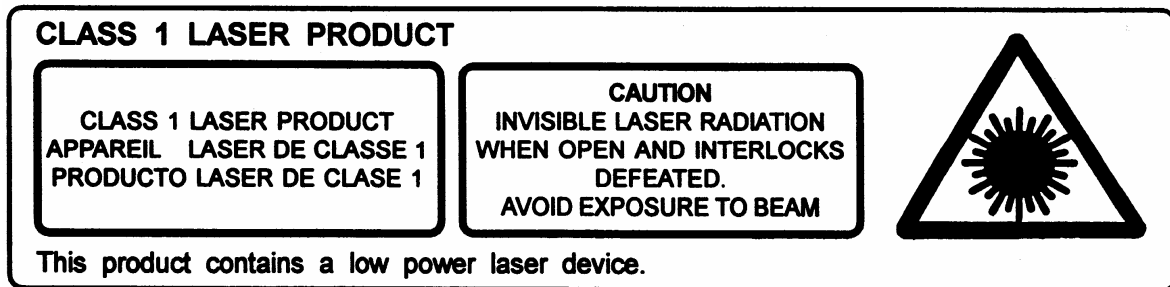
14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
15. This appliance shall not be exposed to dripping or splashing water and that no object filled with liquids such as vases shall be placed on the apparatus.
16. Do not overload wall outlet. Use only power source as indicated.
17. Use replacement part as specified by the manufacturer.
18. The product may be mounted to a wall only if recommended by the manufacturer.
19. Upon completion of any service or repairs to this product, ask the service technician to perform safety checks.
20. Power Sources - This product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply to your home, consult your product dealer or local power company. For products intended to operate from battery power, or other sources, refer to the operating instruction.
21. Object and Liquid Entry - Never push objects of any kind into this product through openings as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock. Never spill liquid of any kind on the product.
22. Damage Requiring Service - Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:
 - a) When the power-supply cord or plug is damaged,
 - b) If liquid has been spilled, or objects have fallen into the product,
 - c) If the product has been exposed to rain or water,
 - d) If the product does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions as an improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to its normal operation.
 - e) If the product has been dropped or damaged in any way, and
 - f) When the product exhibits a distinct change in performance - this indicates a need for service.

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



SAVE THESE INSTRUCTIONS

CAUTION



Follow the advice below for safe operations.

ON PROTECTION AGAINST LASER ENERGY EXPOSURE

- As the laser beam used in this compact disc player is harmful to the eyes, do not attempt to disassemble the casing.
- Stop operation immediately if any liquid or solid object should fall into the cabinet.
- Do not touch the lens or poke at it. If you do, you may damage the lens and the player may not operate properly.
- Do not put anything in the safety slot. If you do, the laser diode will be ON when the CD door is still open.
- If the unit is not to be used for a long period of time, make sure that all power sources are disconnected from the unit. Remove all batteries from the battery compartment.
- This unit employs a laser. The use of controls or adjustment or performance of procedures other than those specified here may result in exposure to hazardous radiation.

Should any trouble occur, remove the power source and refer servicing to qualified personnel.

COMPLIANCE WITH FCC REGULATIONS

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.

DEAR JENSEN CUSTOMER

Selecting fine audio equipment such as the unit you've just purchased is only the start of your musical enjoyment. Now it's time to consider how you can maximize the fun and excitement your equipment offers. This manufacturer and the Electronic Industries Association's Consumer Electronics Group want you to get the most out of your equipment by playing it at a safe level. One that lets the sound come through loud and clear without annoying blaring or distortion and, most importantly, without affecting your sensitive hearing.

Sound can be deceiving. Over time your hearing "comfort level" adapts to higher volumes of sound. So what sounds "normal" can actually be loud and harmful to your hearing. Guard against this by setting your equipment at a safe level BEFORE your hearing adapts.

To establish a safe level:

- Start your volume control at a low setting.
- Slowly increase the sound until you can hear it comfortably and clearly, and without distortion.

Once you have established a comfortable sound level:

- Set the dial and leave it there.

Taking a minute to do this now will help to prevent hearing damage or loss in the future. After all, we want you listening for a lifetime.

We Want You Listening For a Lifetime

Used wisely, your new sound equipment will provide a lifetime of fun and enjoyment. Since hearing damage from loud noise is often undetectable until it is too late, this manufacturer and the Electronic Industries Association's Consumer Electronics Group recommend you avoid prolonged exposure to excessive noise.



Customer's Record:

The serial number of this product is found on its bottom. You should note the serial number of this unit in the space provided as a permanent record of your purchase to aid in identification in the event of theft or loss.

Model Number: CD-480

Serial Number: _____

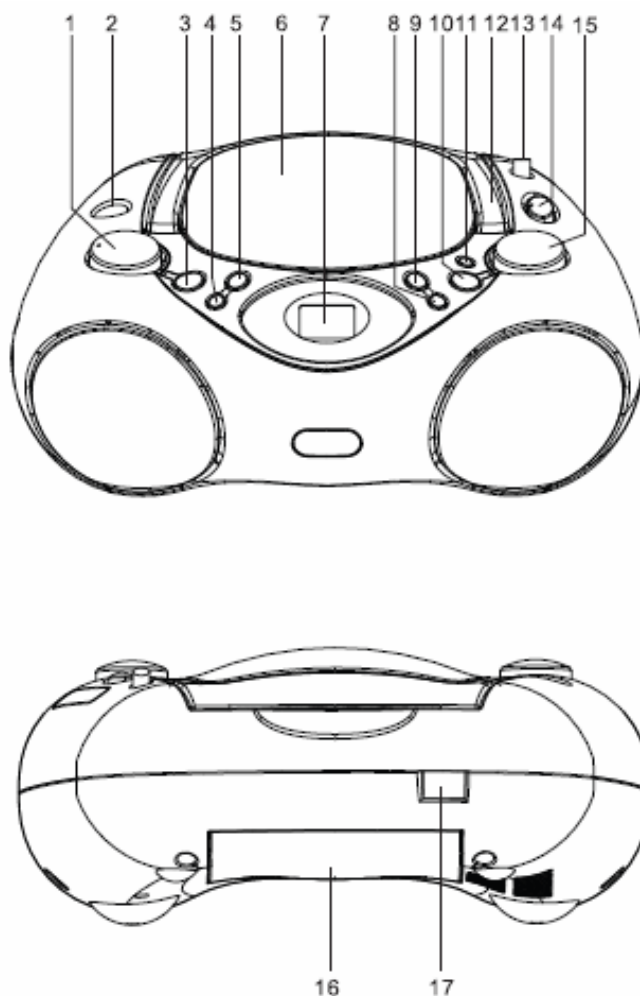
PROTECT YOUR FURNITURE!!

This system is equipped with non-skid rubber 'feet' to prevent the product from moving when you operate the controls. These 'feet' are made from non-migrating rubber material specially formulated to avoid leaving any marks or stains on your furniture. However certain types of oil based furniture polishes, wood preservatives, or cleaning sprays may cause the rubber 'feet' to soften, and leave marks or a rubber residue on the furniture.

To prevent any damage to your furniture we strongly recommend that you purchase small self-adhesive felt pads, available at hardware stores and home improvement centers everywhere, and apply these pads to the bottom of the rubber 'feet' before you place the product on fine wooden furniture.

LOCATION OF CONTROLS

- 1. VOLUME CONTROL KNOB**
- 2. HEADPHONE SOCKET (3.5 mm STEREO)**
- 3. AUX IN JACK**
 - Connect auxiliary device
- 4. PROG**
 - Programmed playing of CD.
- 5. REPEAT**
 - Repeat play of CD (Repeat single track or all tracks).
- 6. CD DOOR**
 - Press OPEN/CLOSE to open or close the CD Door
- 7. DISPLAY**
- 8. ◀◀ / | ◀◀**
 - Press once or several times to go back to previous tracks
 - Press and hold to search backwards within a track.
- 9. ▶▶ / ▶▶ |**
 - Press once or several times to go to the next track.
 - Press and hold to search forward within a track.
- 10. ▶/||**
 - Press to start or pause playback.
- 11. STOP**
 - Press to stop playing of CD.
- 12. HANDLE**
- 13. TELESCOPE ANTENNA**
- 14. FUNCTION SWITCH**
 - Chooses function: CD,AUX IN, FM or AM.
- 15. TUNING KNOB**
 - Turn to choose frequency (AM/FM).
- 16. BATTERY COVER**
 - Battery compartment for 8 x LR14/C batteries
- 17. AC IN ~**
 - Inlet for power cord.



IMPORTANT NOTES

Avoid installing the unit in locations described below:

- Places exposed to direct sunlight or close to heat radiating appliances such as electric heaters.
- Dusty places.
- Places subject to constant vibration.
- Humid or moist places.

POWER SOURCE

This AM/FM CD Player operates on 8 x 'LR14' ('C') batteries (not included) or from AC 120V~ 60Hz line power supply. Do not attempt to operate the radio on any other power source. You could cause damage to the unit and void your warranty.

Please be sure the power outlet you plug this unit into is working and receives constant (unswitched) power.

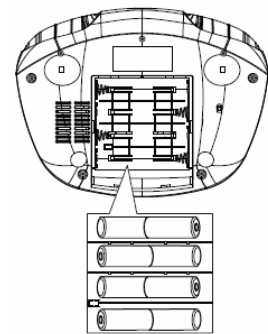
A. AC OPERATION

When the AC power cord (included) is connected to the AC INPUT Socket at the back of the unit and the other end to a wall outlet with AC 120V ~ 60Hz power supply, the unit will disconnect the batteries automatically, and operate from AC power instead.

B. BATTERY OPERATION

For better performance and longer operating time, we recommend the use of alkaline-type batteries.

1. Remove the Battery Door.
2. Following the polarity diagram as shown in the battery compartment insert 8 x 'LR14' ('C') batteries then replace the Battery Door.



IMPORTANT: Be sure that the batteries are installed correctly. Wrong polarity may damage the unit.

BATTERY CARE

- i. Use only the size and type of batteries specified.
- ii. Do not mix old and new batteries.
- iii. Do not mix alkaline, standard (carbon-zinc) or rechargeable (nickel-cadmium) batteries.
- iv. If the unit is not to be used for an extended period of time, remove the batteries. Old or leaking batteries can cause damage to the unit and may void the warranty.
- v. Do not try to recharge batteries not intended to be recharged; they can overheat and rupture. (Follow battery manufacturer's directions).
- vi. Do not dispose of batteries in fire, batteries may leak or explode.

BATTERY REPLACEMENT

When the output sound of this unit becomes distorted or the CD player operation appears unstable, the batteries are weak. You need to replace all the exhausted batteries at the same time as soon as possible to avoid battery leakage.

RADIO OPERATION

1. Slide the FUNCTION SWITCH to AM or FM as desired.
2. Rotate the TUNING KNOB to your desired radio station according to the DIAL SCALE on the TUNING KNOB.
3. Rotate the VOLUME CONTROL to adjust to the desired output level.
4. To turn off the radio, slide the FUNCTION SWITCH to "AUX IN".

TIPS FOR BEST RECEPTION

AM – The AM antenna is located inside the cabinet of the unit. If AM reception is weak, change the position of unit until the internal antenna picks up the strongest signal.

FM – During FM reception, always keep the FM TELESCOPIC ANTENNA fully extended and rotate it until you get the best reception.

CD OPERATION

NOTE: This unit not only plays commercial compact discs but also self-complied CD-RW discs.

- Because of non-standardized format definition/production of CD-R/RW, playback quality & performance is not guaranteed.
- Manufacturer is not responsible for the playability of CD-R/RW due to recording conditions such as PC performance, writing software, media properties etc.
- Do not attach a label or seal to either side of the CD-R/RW disc. It may cause a malfunction.

PLAY MODE

1. Slide the Function Switch to the "CD" position. The LCD backlight turns on.
2. Open the CD DOOR by pressing the CD DOOR where OPEN/CLOSE is mark, load a CD with the label side facing upward and then close the CD door.
3. Disc information (total number of tracks) will appear on the LCD display.
4. Press ►/|| (PLAY/PAUSE BUTTON) to start playing the CD. The PLAY/PAUSE "►" will light steadily.
5. While playing, press ►/|| to pause, the PLAY/PAUSE Indicator "►" and the track no. will flash. Press ►/|| again to resume playing.
6. Adjust the VOLUME CONTROL to the desired volume level.
7. Press ■ (STOP BUTTON) to stop playing.

NOTE: If skipping occurs during CD play, try turning the volume down.
Do not open the CD DOOR when a CD is playing.

REPEAT MODE

Repeat 1

When the REPEAT BUTTON is pressed once, the REPEAT 1 INDICATOR, "REPEAT 1", will light steadily. The current track will be repeated until it is interrupted.

Repeat All

When the REPEAT BUTTON is pressed twice, the REPEAT ALL INDICATOR, "REPEAT ALL", will light steadily. The whole disc will be played continuously.

To Cancel Repeat Function: Press the REPEAT BUTTON until the repeat indicator is off.

SKIP AND SEARCH MODE

1. During Play or Pause mode, tap the SKIP FORWARD "►► / ►►|" or SKIP BACKWARD "◄◄ / |◄◄" BUTTON to go to the next track or go back to the beginning of the current track.
2. During play mode or Pause mode, press and hold the SEARCH FORWARD "►► / ►►|" or SEARCH BACKWARD "◄◄ / |◄◄" BUTTON to search within the current track with audible high speed playback.

PROGRAM PLAY MODE

This function allows music tracks to be played in a programmed sequence.

NOTE: Program can only be set in STOP mode.

1. Press the PROGRAM BUTTON once. Program No. 01 will appear briefly then change to "00" in the LCD DISPLAY and blink together the PROGRAM INDICATOR, "PROG".
2. Press the SKIP FORWARD "▶▶ / ▶▶|" or SKIP BACKWARD "◀◀ / |◀◀" BUTTON to select the track to be programmed.
3. Press the PROGRAM BUTTON again to store the selection. Program No. 02 will appear briefly then change to "00" in the LCD DISPLAY and blink together the PROGRAM INDICATOR, "PROG" to prompt for the next input. You may repeat steps #2 to #3 to program up to 20 tracks.
4. Press ▶||| BUTTON to complete and start program play. Press ■ to stop. To resume program play, press the PROGRAM BUTTON followed by the ▶||| BUTTON.
5. Normally all the programmed tracks will be played through once and then stop. However, you may use the REPEAT function to repeatedly play a certain track (Repeat 1) or all tracks in the program (Repeat All). You may also tap the SKIP FORWARD "▶▶ / ▶▶|" BUTTON to go directly to other tracks ahead or tap the SKIP BACKWARD "◀◀ / |◀◀" BUTTON to go back to previous track(s) during program play.
6. To view the programmed tracks, in program play stop mode press the PROGRAM BUTTON once. The LCD DISPLAY will show the Program No. "01" briefly followed by the Track No. of the first programmed track. Press the PROGRAM BUTTON repeatedly to display the Track No. of the programmed track one by one.
7. To edit a programmed track, use ""▶▶ / ▶▶|" BUTTON or "◀◀ / |◀◀" BUTTON to select a new track and press PROGRAM BUTTON to confirm. To skip forward, press PROGRAM BUTTON until you reach the program number whose track you want to change.
8. To cancel program play, slide the FUNCTION switch to AM, FM or AUX IN position or simply open the CD DOOR in stop mode.
9. To turn the CD Player off, slide the FUNCTION SWITCH to "AUX IN". The LCD backlight goes off.

AUX IN OPERATION

This CD Player provides the AUX IN JACK to enjoy your iPod, MP3 player music.

1. Slide the FUNCTION SWITCH to the AUX IN position.
2. Connect the headphone jack of your external device and the AUX IN JACK located on the top of this CD player. (The connection cable is not included.) The CD player is now turned on once the AUX IN jack is plugged.
3. Start to play your iPod, MP3 player or other audio device.
4. Slowly adjust both the volume controls on your CD player and the external device.
5. Turn off your iPod, MP3 player etc. when finish listening. To turn the CD player off unplug the AUX IN jack.

Remark: Once the AUX IN jack is plugged, the CD player will be turned on automatically. Remember to disconnect the connection cable from the CD player after use in order to be able to listen to the RADIO, or CD player again.

USING HEADPHONES (NOT INCLUDED)

Inserting the plug of your headphones into the STEREO HEADPHONE JACK will enable you to listen to the external audio source through AUX IN, CD, or radio in private. When using headphones, the speakers will be automatically disconnected.

CARE AND MAINTENANCE

1. Children should be supervised when using this appliance.
2. Clean your unit with a damp (never wet) cloth. Solvent or detergent should never be used.
3. Avoid leaving your unit in direct sunlight or in hot, humid or dusty places.
4. Keep your unit away from heating appliances and sources of electrical noise such as fluorescent lamps or motors.
5. If drop-outs or interruptions occur in the music during CD play, or if the CD fails to play at all, its bottom surface may require cleaning. Before playing, wipe the disc from the center outwards with a good soft cleaning cloth.



TROUBLESHOOTING GUIDE

If you experience difficulties in the use of this player please refer to the following chart or call 1-800-777-5331 for Customer Service.

Symptom	Possible Cause	Solution
Noise or sound distorted on AM or FM broadcast	<ul style="list-style-type: none"> - Station not tuned properly for AM or FM. - FM: FM telescopic antenna is not extended. - AM: The bar antenna is not positioned correctly 	<ul style="list-style-type: none"> - Retune the AM or FM broadcast station. - FM: Extend FM telescopic antenna. - AM: Reposition the unit until the best reception is obtained.
AM or FM no sound	<ul style="list-style-type: none"> - Unit not in "RADIO" function mode. - Volume set at minimum 	<ul style="list-style-type: none"> - Slide Function Switch to "RADIO" position. - Increase Volume.
CD player will not play	<ul style="list-style-type: none"> - Unit not in CD function mode. - CD is not loaded properly. - If the CD is self-compiled, the media used may not be compatible with the player. 	<ul style="list-style-type: none"> - Select CD function mode. - Load CD with label side up. - Use better quality blank media and retest.
CD skips while playing	<ul style="list-style-type: none"> - Disc is dirty or scratched. 	<ul style="list-style-type: none"> - Wipe CD with clean cloth or use another disc.
Intermittent sound from CD player	<ul style="list-style-type: none"> - Dirty or defective disc - Dirty pick up lens - Player is subject to excessive shock or vibration 	<ul style="list-style-type: none"> - Clean or replace the defective disc. - Use a CD lens cleaning disc to clean the lens. - Relocate the player away from shock or vibration.
Sound appears distorted at high volume setting	<ul style="list-style-type: none"> - Volume control is set to maximum. 	<ul style="list-style-type: none"> - Adjust Volume Control to a lower comfortable level.

**90 DAY LIMITED WARRANTY AND SERVICE
VALID IN THE U.S.A ONLY**

SPECTRA MERCHANDISING INTERNATIONAL, INC. warrants this unit to be free from defective materials or factory workmanship for a period of 90 days from the date of original customer purchase and provided the product is utilized within the U.S.A. This warranty is not assignable or transferable. Our obligation under this warranty is the repair or replacement of the defective unit or any part thereof, except batteries, when it is returned to the SPECTRA Service Department, accompanied by proof of the date of original consumer purchase, such as a duplicate copy of a sales receipt.

You must pay all shipping charges required to ship the product to SPECTRA for warranty service. If the product is repaired or replaced under warranty, the return charges will be at SPECTRA's expense. There are no other express warranties other than those stated herein.

This warranty is valid only in accordance with the conditions set forth below:

1. The warranty applies to the SPECTRA product only while:
 - a. It remains in the possession of the original purchaser and proof of purchase is demonstrated.
 - b. It has not been subjected to accident, misuse, abuse, improper service, usage outside the descriptions and warnings covered within the user manual or non-SPECTRA approved modifications.
 - c. Claims are made within the warranty period.
2. This warranty does not cover damage or equipment failure caused by electrical wiring not in compliance with electrical codes or SPECTRA user manual specifications, or failure to provide reasonable care and necessary maintenance as outlined in the user manual.
3. Warranty of all SPECTRA products applies to residential use only and is void when products are used in a nonresidential environment or installed outside the United States.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. TO OBTAIN SERVICE please remove all batteries (if any) and pack the unit carefully and send it freight prepaid to SPECTRA at the address shown below. IF THE UNIT IS RETURNED WITHIN THE WARRANTY PERIOD shown above, please include a proof of purchase (dated cash register receipt) so that we may establish your eligibility for warranty service and repair of the unit without cost. Also include a note with a description explaining how the unit is defective. A customer service representative may need to contact you regarding the status of your repair, so please include your name, address, phone number and email address to expedite the process.

IF THE UNIT IS OUTSIDE THE WARRANTY PERIOD, please include a check for **\$15.00** to cover the cost of repair, handling and return postage. All out of warranty returns must be sent prepaid.

It is recommended that you contact SPECTRA first at 1-800-777-5331 or by email at custserv@spectraintl.com for updated information on the unit requiring service. In some cases the model you have may be discontinued, and SPECTRA reserves the right to offer alternative options for repair or replacement.

SPECTRA MERCHANDISING INTERNATIONAL, INC.
4230 North Normandy Avenue,
Chicago, IL60634, USA.
1-800-777-5331

To register your product, visit the link on the website below to enter your information.
<http://www.spectraintl.com/wform.htm>

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