JENSEN®

PORTABLE STEREO CD PLAYER
DUAL CASSETTE DECK RECORDER
WITH AM/FM STEREO RADIO



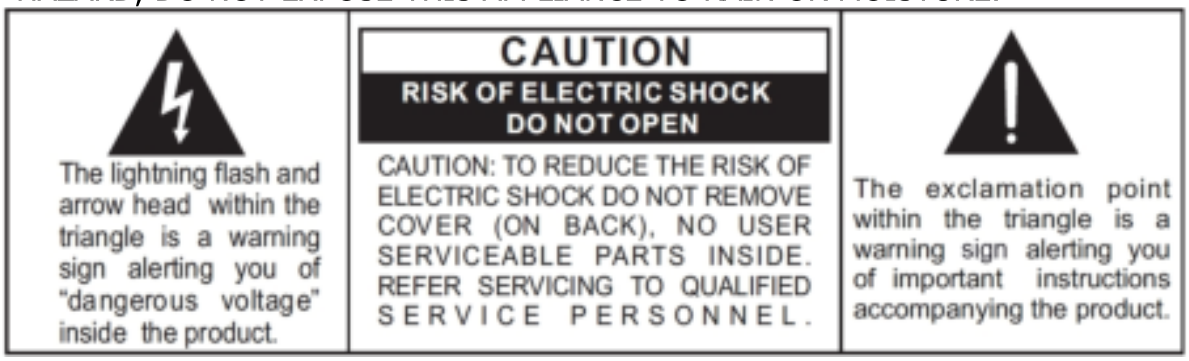
MODEL: MCR-1500
USER MANUAL

PLEASE READ THIS USER MANUAL COMPLETELY BEFORE OPERATION THIS UNIT AND RETAIN THIS BOOKLET FOR FUTURE FEFERENCE

Please contact Spectra Customer Service at 1-800-777-5331 if you have any questions about operating this product

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.



The Caution Marking is located on the back enclosure of the apparatus.

Please refer the information on exterior back enclosure for electrical and safety information before installing or operating the apparatus.

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. Clean only with dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that product heat.
9. 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.
10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. Only use attachments/accessories specified by the manufacturer.
12. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart or rack is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.



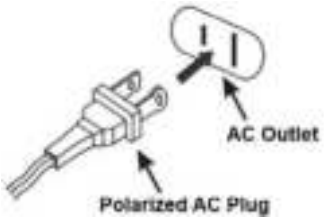
13. Unplug this apparatus during lightning storms or when unused for a long periods of time.
14. The mains plug is used as disconnect device, the disconnect device shall remain readily operable.
15. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been 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.

16. To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture. The apparatus shall not be exposed to dripping or splashing and that objects filled with liquids, such as vases, shall not be placed on apparatus.
17. Do not overload wall outlet. Use only power source as indicated.
18. Use replacement part as specified 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.
23. The battery (battery or batteries or battery pack) shall not be exposed to excessive heat such as sunshine, fire or the like.
24. Minimum distances 5cm around the apparatus for sufficient ventilation.
25. The ventilation should not be impeded by covering the ventilation openings with items, such as newspapers, table-cloths, curtains, etc.
26. No naked flame sources, such as lighted candles, should be placed on the apparatus.
27. Attention should be drawn to the environmental aspects of battery disposal.
28. The use of apparatus in moderate climates.
29. **CAUTION**
    Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type.

This equipment is a Class II or double insulated electrical appliance. It has been designed in such a way that it does not require a safety connection to electrical earth.

CAUTION:
TO PREVENT ELECTRIC SHOCK, MATCH WIDE BLADE OF PLUG TO WIDE SLOT, FULLY INSERT THE PLUG TO MAIN POWER SOCKET.



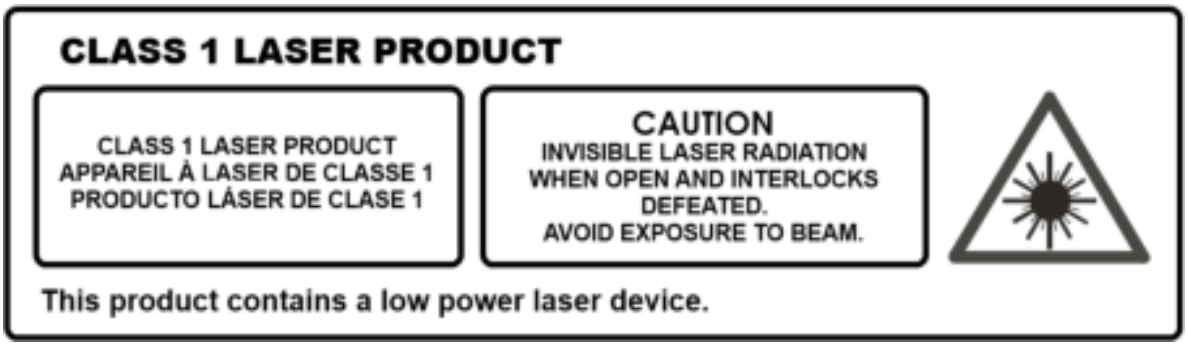
SAVE THESE INSTRUCTIONS

IMPORTANT NOTE

Avoid installing the unit in locations described below:

- Places exposed to direct sunlight or close to heat radiating appliances such as electric heaters.
- Places subject to constant vibration.
- Dusty, humid or moist places.
- Sources of electrical noise such as fluorescent lamps or motors.
- In case of malfunction due to electrostatic discharge, the apparatus has to be reset by disconnecting it from mains supply and removing all the batteries. Wait at least for 30 seconds before reconnect the AC power cord or reinstall the batteries.

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.
- 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.

ON PLACEMENT

- Do not use the unit in places which are extremely hot, cold, dusty, or humid.
- Place the unit on a flat and even surface.
- Do not restrict the air flow of the unit by placing it in a place with poor air flow, by covering it with a cloth, or by placing it on a carpet.

ON SAFETY

- When connecting and disconnecting the AC power, grip the AC cord plastic plug and not the cord itself. Pulling the cord may damage it and create hazard.
- When you are not going to use the unit for a long period of time, disconnect the AC power cord from the wall outlet and remove all batteries.

ON AC VOLTAGE

- Before use, check that the rated voltage of your unit matches your local voltage.

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 up and dry the unit before use.

Should any trouble occur, disconnect the AC power cord and refer servicing to qualified personnel.

COMPLIANCE WITH FCC REGULATIONS

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.

NOTE: 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.

PROTECT YOUR FURNITURE

This model 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.

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.



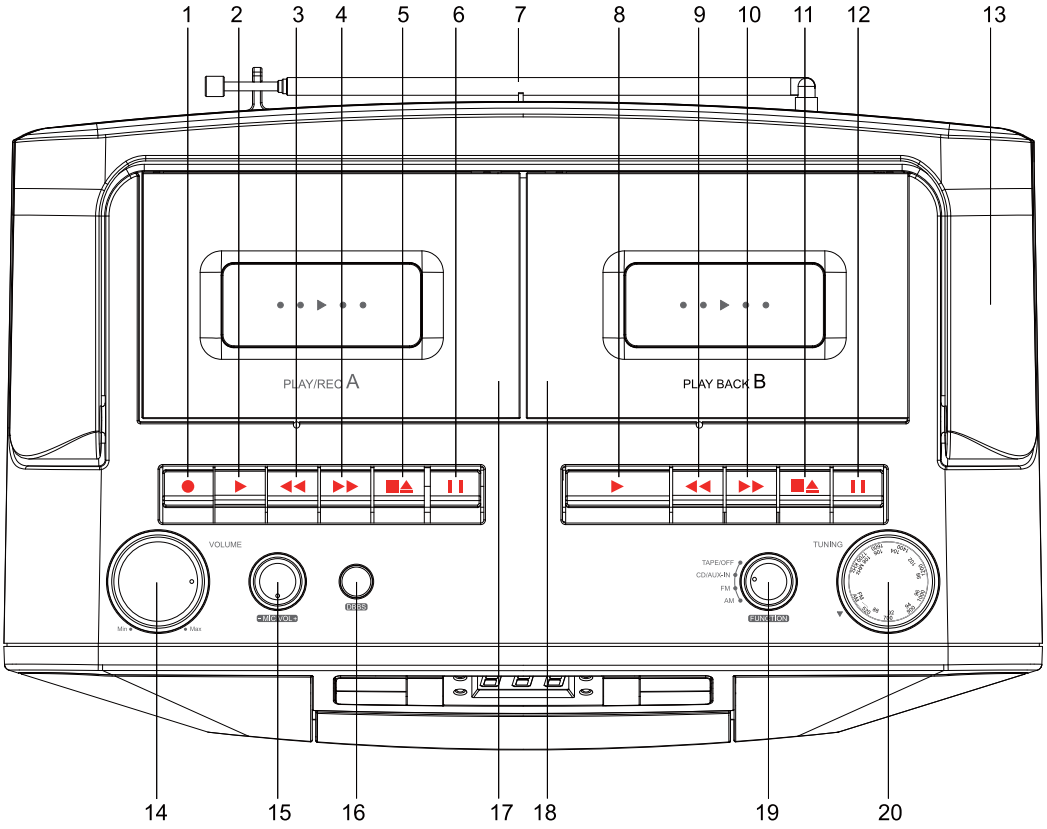


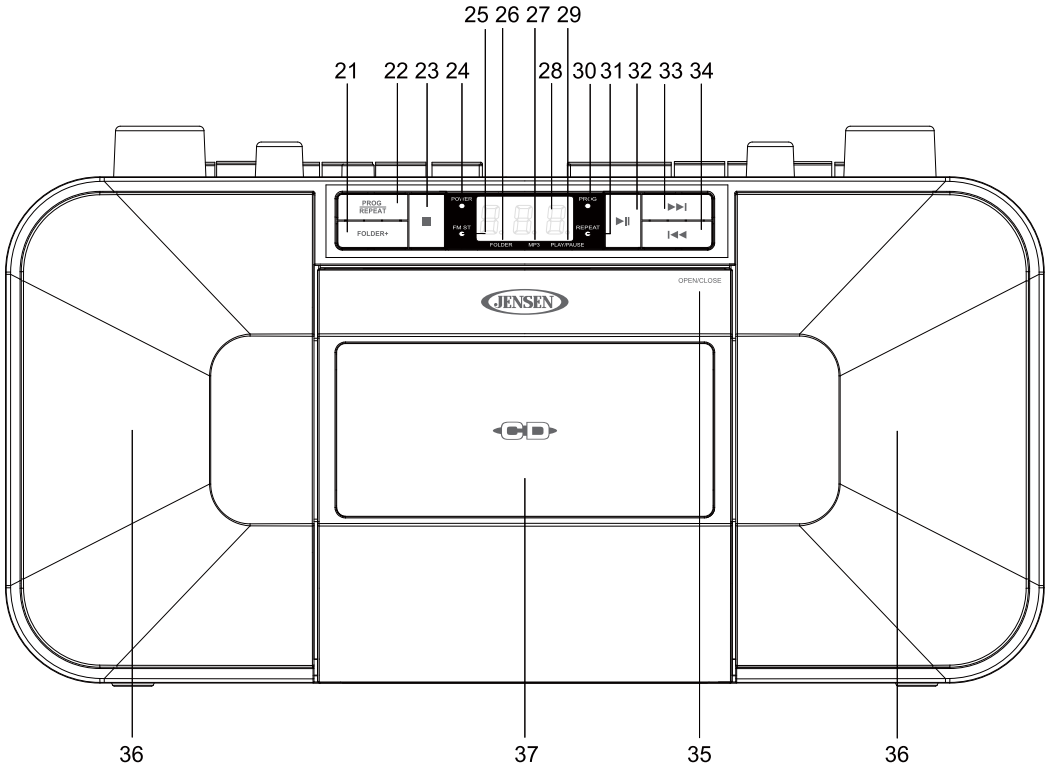
Customer's Record:

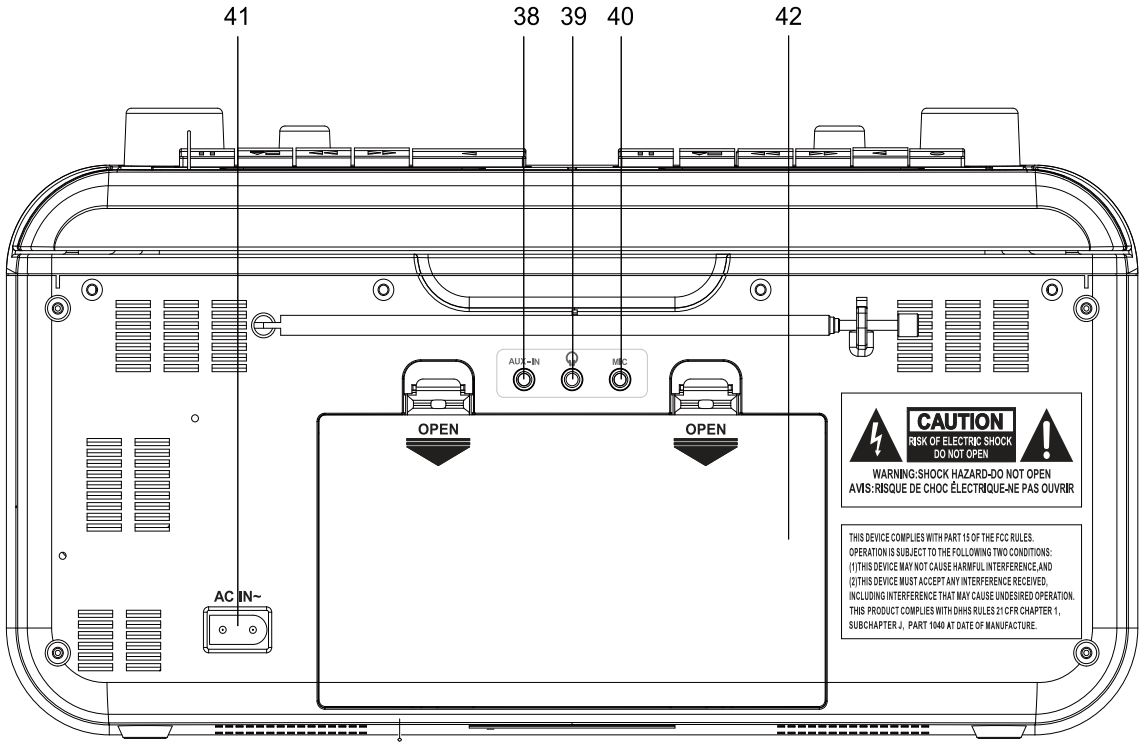
The serial number of this product is found on its bottom cover. You should note the serial number of this unit in the space provided as a permanent record of your purchase to aid in identification in the event of theft of loss.

Model Number: MCR-1500 **Serial Number: _____**

LOCATION OF CONTROLS







1. Cassette A Record ● Button	22. CD Program / Repeat Button
2. Cassette A Play ► Button	23. CD Stop ■ Button
3. Cassette A Rewind ◄◄ Button	24. Power indicator
4. Cassette A Fast Forward ►► Button	25. FM Stereo indicator
5. Cassette A STOP/EJECT ■▲ Button	26. Folder repeat indicator
6. Cassette A PAUSE ▮▮ Button	27. MP3 CD indicator
7. Telescopic Antenna	28. LED Display
8. Cassette B Play ► Button	29. CD Play/Pause ►▮▮ indicator
9. Cassette B Rewind ◄◄ Button	30. CD Program indicator
10. Cassette B Fast Forward ►► Button	31. CD Repeat indicator
11. Cassette B STOP/EJECT ■▲ Button	32. CD Play/Pause Button
12. Cassette B PAUSE ▮▮ Button	33. CD Skip/Search Forward ⏭ Button
13. Carrying Handle	34. CD Skip/Search Backward ⏮ Button
14. Volume Control Knob	35. CD door Open/Close
15. Microphone Volume Control	36. Speakers
16. Bass Boost Button (DBBS)	37. CD Door
17. Cassette A Door	38. 3.5mm AUX IN Jack
18. Cassette B Door	39. 3.5 mm Headphone Jack
19. Function Selector TAPE/OFF/ CD/AUX-IN / FM / AM	40. Microphone Jack (3.5mm)
20. Tuning Control Knob	41. AC Power Jack
21. MP3 CD Folder+ (up) Button	42. Battery Compartment Door

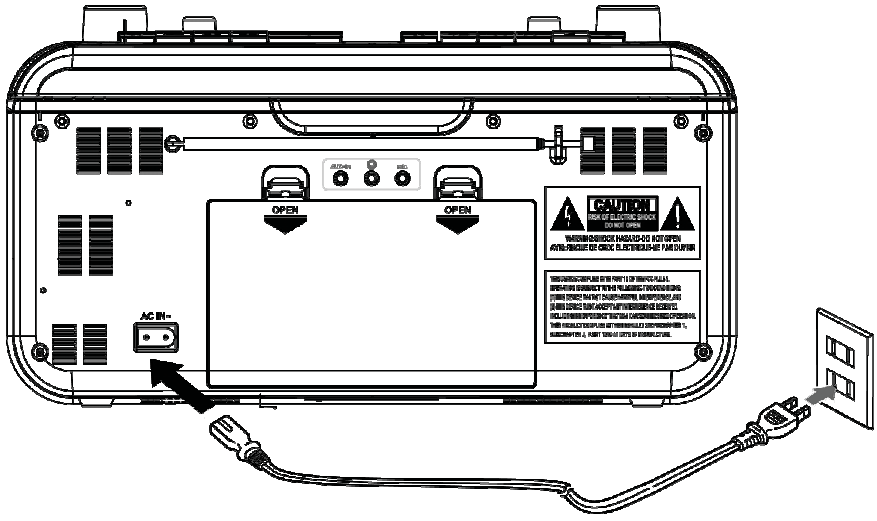
POWER SOURCES

This unit operates on 120V~ 60Hz or 8 x DC1.5V “D” (UM-1) batteries (not included). Do not attempt to operate the unit 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.

AC OPERATION

Plug the detachable AC cord into a standard AC outlet (120V~60Hz).

1. When the AC power cord (included) is connected to the AC Power Socket on the back of the unit and the other end is plugged into a 120V AC~ 60Hz wall outlet, the unit will disconnect the batteries automatically, and operate on AC Power only.
2. Rotate the FUNCTION SELECTOR to the “CD/AUX” position for CD and AUX IN modes, “AM” for AM radio mode, “FM” for FM radio mode, “TAPE/OFF” for cassette recorder play mode or when you want to turn the unit OFF.



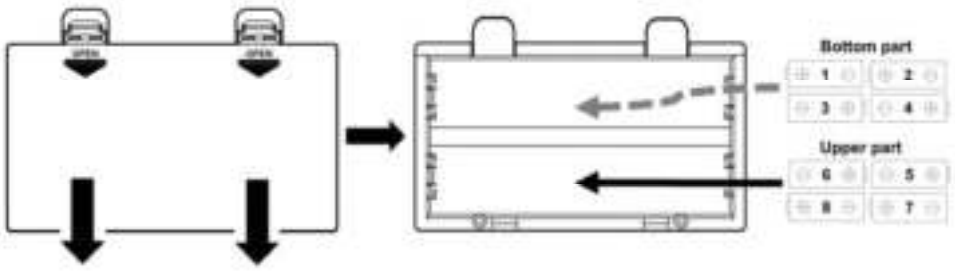
WARNING:

- Before connecting to the power outlet, ensure that the outlet corresponds to the information on the rating label at the bottom of the apparatus.

BATTERY OPERATION

1. Remove the BATTERY DOOR.
2. Install 8 x DC1.5V “D” (UM-1) batteries (not included) according to the polarity diagram inside the battery compartment.
   Note: For best performance, alkaline-type batteries are recommended.
3. Replace the BATTERY DOOR.

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



⚠ BATTERY NOTE AND CARE

1. Danger of explosion if the battery is replaced incorrectly. Replace only with the same or equivalent type
2. Do not mix old and new batteries.
3. Do not mix alkaline, standard (carbon-zinc) or rechargeable (nickel-cadmium) batteries.
4. 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.
5. Do not try to recharge batteries not intended to be recharged; they can overheat and rupture. (Follow battery manufacturer's directions).
6. 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.

LISTENING TO RADIO

1. Rotate the FUNCTION SELECTOR to the AM or FM position.
2. Rotate the TUNING CONTROL KNOB to your desired radio station according to the DIAL SCALE on the knob.
3. Rotate the VOLUME CONTROL KNOB to adjust to the desired volume level.
4. To turn off the radio, rotate the FUNCTION SELECTOR to the "TAPE/OFF" position.

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 – If a stereo broadcast program is received, the unit will automatically switch to stereo mode, FM STEREO LED will light and you will hear the stereo broadcast. Always keep the FM TELESCOPIC ANTENNA fully extended for best performance. If the FM reception is weak, try adjusting the antenna or try repositioning the unit near a window until you get the best reception.

CD OPERATION

PLEASE READ THIS IMPORTANT INFORMATION:

The CD mechanism used in devices like this are designed to fully read all commercial CDs. They will also read self-compiled CD-R/CD-RW and MP3 CD discs, but it may take up to 10 seconds for playback to start. If playback does not start, it is likely due to the quality of the CD-R/RW disc and/or the compatibility of the CD compilation software. The manufacturer is not responsible for the playback quality of CD-R/RW discs.

Do not attach a label or seal to either side of CD-R/CD-RW and MP3 CD discs you make yourself. It may cause a malfunction.

NOTE FOR WINDOWS USERS

When using the “Burn a CD” feature to create an MP3 CD in Windows, you must select the “With a CD/DVD player” option when it asks “How do you want to use the disc?” The MP3 CD will not play on this unit if you select the “Like a USB flash drive” option or if the MP3 CD is not finalized.

PLAYING A CD OR MP3 CD

1. Rotate the FUNCTION SELECTOR to the “CD/AUX” position, the display will show “- - -“.
2. Press the CD door OPEN/CLOSE switch to open the CD DOOR, load a CD with the label side facing outward and then close the CD door.
3. After CD loaded, disc information (total number of tracks) will appear on the LED DISPLAY. The “MP3” INDICATOR will light if a MP3 CD is loaded.
4. Press the PLAY/PAUSE ⏯ BUTTON to start playing the CD, the PLAY/PAUSE INDICATOR will light steadily.
5. While playing, press the PLAY/PAUSE ⏯ BUTTON to pause, the PLAY/PAUSE INDICATOR will flash. Press PLAY/PAUSE ⏯ BUTTON again to resume playing.
6. Adjust the VOLUME CONTROL KNOB to the desired volume level.
7. Press STOP ■ BUTTON to stop playing.
8. To turn off the unit, slide the FUNCTION SELECTOR to “TAPE/OFF” position.

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

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, press and hold the SEARCH FORWARD "⏭" or SEARCH BACKWARD "⏮" BUTTON to search within the current track with audible high speed playback.

FOLDER+(MP3 CD only)

In MP3 CD Play or Pause mode, tap the Folder+ (up) Button to go to next MP3 folder.

+10 Track

Press and hold the Folder+ (up) Button to go to next 10 tracks.

PLAY MODE

Repeat 1

When the **REPEAT** BUTTON is pressed once, the “REPEAT” INDICATOR will light and flash. The current track will be repeated until it is interrupted.

Repeat All

When the **REPEAT** BUTTON is pressed twice, the “REPEAT” INDICATOR will light steadily. The whole disc will be played continuously.

To Cancel the Repeat Function: Press the **REPEAT** BUTTON repeatedly until the “REPEAT” INDICATOR turns off.



Repeat Folder (MP3 CD only)
During playing MP3 CD, when the **REPEAT** BUTTON is pressed twice, the “FOLDER” and “REPEAT” INDICATORS will light steadily. The whole folder will be played continuously. Press the **REPEAT** BUTTON repeatedly to change MP3 CD play mode as below.



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. “P01” will show in the LED DISPLAY and “PROGRAM” INDICATOR will light.
2. Press the SKIP FORWARD "⏭" or SKIP BACKWARD "⏮" BUTTON to select the track to be programmed. Press Folder+ to select tracks stored in other folder for MP3 CD if necessary.
3. Press the PROGRAM BUTTON again to store the selection. The LED DISPLAY will advance to “P02”.
4. You may repeat steps #2 to #3 to program up to 20 tracks for Audio CD or 99 tracks for MP3 CD. LED display will show “FUL” if the program number is full.
5. Press the PLAY ⏯ BUTTON to complete and start program play, LED display will briefly show “P01” and then the programmed track number. The PROGRAM INDICATOR keeping on to indicate unit is in program mode. Press the STOP ■ BUTTON to stop.
6. 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 SKIP Forward "⏭" BUTTON to go directly to other tracks ahead or use SK IP BACKWARD "⏮" BUTTON to go back to previous track(s) during program play.
7. To cancel program play, press the STOP ■ BUTTON twice while program playback is running or open the CD DOOR in stop mode. The PROGRAM INDICATOR will go off.

TAPE OPERATION

LISTENING TO TAPE

1. Press the Cassette STOP/EJECT ■⏏ button to open the Cassette Door and insert a pre-recorded cassette tape with the exposed tape facing outwards. Push down on the Cassette Door to close it.
2. Rotate the FUNCTION SELECTOR to “TAPE/OFF” position, press the Cassette PLAY ► button to start playback and adjust the Volume Control Knob to obtain the desired sound level.
3. Press the Cassette FAST FORWARD ►► button or the Cassette REWIND ◄◄ button to rapidly advance or rewind the tape.
4. Press the Cassette PAUSE ⏸ button to pause the playback, press it again to resume the playback.
5. Press the Cassette STOP/EJECT ■⏏ button to stop operation.

AUTOMATIC STOP

To protect your cassette tapes and prevent unnecessary wear to the pinch roller of the cassette mechanism, this unit is equipped with an Automatic Stop System. When the tape ends during play, the Cassette Play button will automatically release to stop the cassette from running.

CONTINUOUS PLAYBACK OF TWO CASSETTES

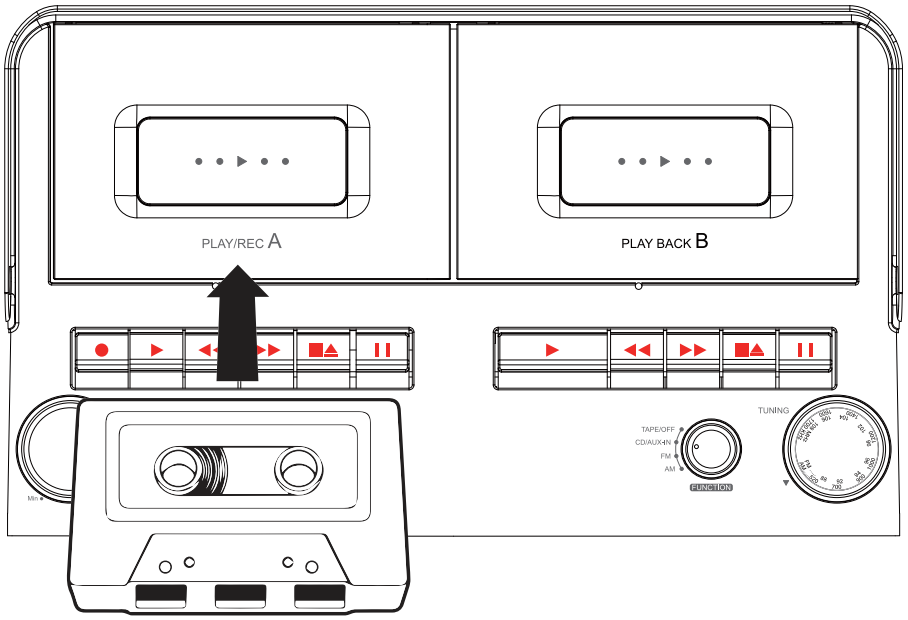
1. Insert prerecorded tapes into both cassette compartments with the tape you want to play first in DECK B.
2. Press the PLAY ► button of DECK B to begin playback.
3. Press the PAUSE ⏸ button and then PLAY ► button of DECK A.

4. When the tape in DECK B ends, it stops and the PAUSE button of DECK A will release and automatically begin playback of DECK A.

NOTE: Continuous playback will not function if you play the tape in DECK A first.

RECORDING (CASSETTE DECK A Only)

This cassette recorder features an Automatic Recording Volume Level Control System that prevents overloaded or distorted recordings. You can change the volume level as often as you like during the recording process. It will not have any effect on the volume level of the recording itself. Insert a good quality blank tape into DECK A with the exposed tape facing down and the full reel on the left side. Close DECK A door.



A. RECORDING FROM TAPE (DECK B TO DECK A)

This unit enables you to duplicate a pre-recorded tape to another tape. It is performed only one way from deck B (playback) to deck A (recording).

- Rotate the FUNCTION SELECTOR to “TAPE” position.
- Inset a pre-recorded cassette into deck B and a blank cassette tape into deck A.
- Press the PAUSE button and then press down on the deck A RECORD and PLAY buttons at the same time until they lock down.
- Press the PLAY button to start playback on deck B, the PAUSE button on deck A will automatically release to start recording.
- Press the PAUSE button on deck A and the STOP button on deck B when finished.

B. RECORDING FROM THE RADIO

- Rotate the FUNCTION SELECTOR to the “AM” or “FM” position.
- Tune to the desired station and insert a blank cassette tape in deck A.
- Press down on the RECORD & PLAY buttons at the same time until they lock to start recording.
- Press the PAUSE button and then STOP/EJECT button when finished.

C. RECORDING FROM A CD

- Rotate the FUNCTION SELECTOR to the “CD/AUX” position.
- Insert a blank cassette tape in deck A which is suitable for recording.
- Press the PAUSE button first and then press down on the RECORD & PLAY buttons until they lock. The recording function is now in STANDBY.
- Press PLAY on the CD player, and then press the PAUSE button on deck A to start recording.

- To stop recording, press the STOP ■ button on CD player first, then press the PAUSE ⏸ button and then the STOP/EJECT ■⏏ button on cassette deck A to stop recording.

D. RECORDING FROM AUX IN

- Rotate the FUNCTION SELECTOR to the “CD/AUX” position.
- Connect Line out or headphone out of your external audio device to AUX IN jack via a 3.5mm plug audio cable (not included).
- Insert a blank cassette tape into the deck A.
- Press the PAUSE ⏸ button on deck A and then Press down on the RECORD ● & PLAY ► buttons at the same time until they lock.
- Press the play button of your external audio device to start playback and then press the PAUSE ⏸ button on deck A to start recording.
- Press the PAUSE ⏸ button and then STOP/EJECT ■⏏ button when finished

E. RECORDING FROM AN EXTERNAL MICROPHONE (NOT INCLUDED)

- Rotate the FUNCTION SELECTOR to the “CD/AUX” position.
- Connect your external dynamic microphone to the 3.5mm MIC Jack.
- Insert a blank cassette tape into deck A.
- Press the PAUSE ⏸ button first and then press down on the RECORD ● & PLAY ► buttons until they lock. The recording function is now in STANDBY.
- Press the “PAUSE ⏸ ” button on deck A to start recording using the external microphone.
- Slowly adjust the MIC VOLUME to control microphone input sensitivity if necessary.
- Press the PAUSE ⏸ or the STOP/EJECT ■⏏ button on deck A when finished.

NOTES:

1. When recording from Tape, Radio or CD, the volume control does not affect the recording level due to ALC circuit inside unit.
2. When recording from AUX IN, you may need to adjust volume level of your external audio player for the best result.
3. When recording from external microphone, to obtain the best result and reduce saturation risks, speak at a distance of approximate 2 - 3 inches from microphone. Adjust MIC VOLUME to control microphone input level if necessary.
4. When recording from AM radio, you may receive interference.

BASS BOOST (DBBS) FUNCTION

Press the “DBBS” button on main unit if you want to add more bass and enhance the music being played. Press the button again to turn off the extra bass.

AUXILARY INPUT

This unit features an AUX-IN jack for connecting your iPod, MP3 player or other digital music player.

1. Connect the headphone jack of your external device to the 3.5 mm AUX IN jack located on the top panel of this unit (The connection cable is not included).
2. Turn on the unit and rotate the FUNCTION SELECTOR to the “CD/AUX” position.
3. Start to play your iPod, MP3 player or other external audio device.
4. Slowly adjust both volume controls on your CD player and the external device.
5. Turn off your external device when finish listening. Turn off the unit and unplug the cable from AUX IN jack.

Note:

1) If the Line Out Jack of your external device is connected, then you only need to adjust the volume control of this system. If the Headphone Jack of your external device is connected, then you may need to adjust both the volume control of your external device and the volume control of this system to find the most desirable volume setting.

2) Rotate the FUNCTION SELECTOR to “TAPE/OFF” position to turn off the system when you finish listening. Don't forget to switch off the power on your external device as well.

USE HEADPHONES (NOT INCLUDED)

Inserting the plug of your headphones into the Stereo Headphone Jack will enable you to listen to the CD, Radio or Cassette music in private. When using headphones, the Built-in Speakers will be disconnected.

Read this Important Information before Using Your Headphones

1.) Avoid extended play at very high volume as it may impair your hearing.
2.) If you experience ringing in your ears, reduce the volume or shut off the unit.
3.) Keep the volume at a reasonable level even if your headset is an open-air type designed to allow you to hear outside sounds. Please note that excessively high volume may still block outside sounds.

USING AN EXTERNAL MICROPHONE (NOT INCLUDED)

You can attach an external dynamic microphone (not included) with a 3.5 mm plug.

1. Plug one end of a Microphone cable (not included) into the MIC Jack.
2. Rotate the FUNCTION SELECTOR to the “CD/AUX” position.
3. Start playback when you plugged into the MIC Jack.
4. Slowly adjust the MIC VOLUME control of your microphone until you hear your voice from the speakers.
5. Follow instructions under TAPE OPERATION to record sound using the external microphone.

CARE AND MAINTENANCE

1. Do not subject the unit to excessive force, shock, dust or extreme temperature.
2. Do not tamper the internal components of the unit.
3. Clean your unit with a dry cloth. Solvent or detergent should never be used.
4. Avoid leaving your unit in direct sunlight or in hot, humid or dusty places.
5. Keep your unit away from heating appliances and sources of electrical noise such as fluorescent lamps or motors.

ABOUT CASSETTE TAPES

Whenever you record on a cassette any previously recorded material is erased as the new material is recorded. To prevent you from accidentally erasing material which you wish to save, blank cassettes are equipped with erase prevention tabs for each side of the tape. If the erase prevention tab for side A is removed, you cannot accidentally record on side A. The Record ● button cannot be depressed if the erase prevention tab on the cassette has been removed.

To prevent accidental erasing on side A of a cassette use a small screw driver or similar tool to break off the erase prevention tab for side A. This prevents the record key form locking.



If later you do wish to record on side A of the cassette, cover the tab opening with a piece of cellophane tape. This will allow the Record ● to function again.

CASSETTE CARE

Two common causes of trouble experienced when using cassettes are:

1) Tape Jamming – Leading to uneven speed in playback, and
2) Tape Tangling – Where the tape wraps itself around ital parts of the mechanism.

To reduce the likelihood of these problems occurring, the following precautions should be observed:

- Check that there are no loose layers of tape visible through the cassette center window (see Fig. 1). Take up any loose layers, using a pencil or hexagonal barrelled ballpoint pen, before inserting the cassette into the machine (see Fig.2)

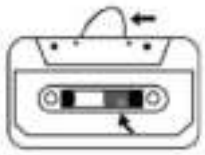


Fig.1

- If the cassette feels tight while performing operation shown (see Fig.2), the tape may be jamming due to ridges formed in the winding of the tape (visible through the center window). These may be removed, in most cases, by fast winding of the cassette from one end to the other and back again.



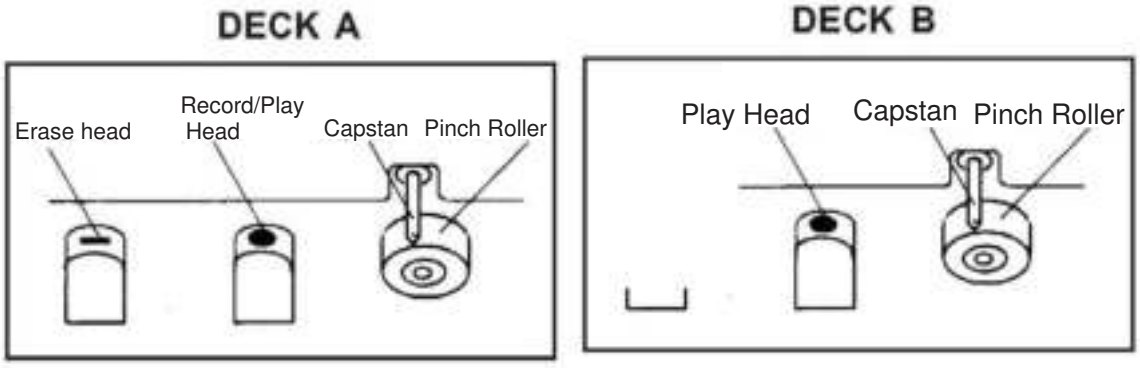
Fig. 2

- Use only well-known brands of tape. Avoid use of C-120 cassettes.

Furthermore, do not expose cassettes to direct sunlight, dust or oil, and do not touch the tape surfaces.

HEAD CLEANING

The tape heads, pinch roller and capstan require periodic cleaning. This removes particles of the metal oxide coating that wear off the tape and accumulate on these parts and impair performance. Switch off the power, press the Stop/Eject ■⏏ key to open the cassette door, and press the Play ▶ key. Clean the tape heads, pinch roller and capstan with a soft cloth or cotton pad dampened in isopropyl alcohol or special tape head cleaner.

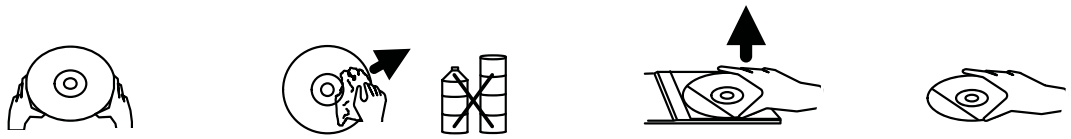


1. Avoid operating your unit under direct sunlight or in hot, humid or dusty places.
2. Keep your unit away from heating appliances and sources of electrical noise such as fluorescent lamps or motors.
3. For better Clock Display clarity, avoid operating the unit under direct sunlight or in strong room illumination.
4. Unplug the unit from the electrical power outlet immediately in case of mal.

COMPACT DISC CARE

- Handle the disc only by its edges. Never allow your fingers to come in contact with the shiny, unprinted side of the disc.
- Do not attach adhesive tape, stickers etc., to the disc label.
- Clean the disc periodically with soft, lint-free, dry cloth. Never use detergents or adhesive cleaners to clean the disc. If necessary, use a CD cleaning kit.
- If disc skips or gets stuck on a section of the disc, it is probably dirty or damaged (scratched).

- When cleaning the disc, wipe in straight lines from the center of the disc to the edge of the disc. Never wipe in circular motions.
- To remove a disc from its storage case, press down on the center of the case and lift the disc outs, holding it carefully by the edges.
- Fingerprints and dust should be carefully wiped off the disc's recorded surface with a soft cloth. Unlike conventional records. compact discs have no grooves to collect dust and microscopic debris so gently wiping with a soft cloth should remove most particles.



CLEANING THE UNIT

- To prevent fire or shock hazard, disconnect your unit from the AC power source when cleaning.
- The finish on the unit may be cleaned with a dust cloth and cared for as other furniture, Use caution when cleaning and wiping the plastic parts.
- If the cabinet becomes dusty wipe it with a soft dry dust cloth. Do not use any wax or polish sprays on the cabinet.
- If the front panel becomes dirty or smudged with fingerprints it may be cleaned with a soft cloth slightly dampened with a mild soap and water solution. Never use abrasive cloths or polishes as these will damage the finish of your unit.

CAUTION: Never allow any water or other liquids to get inside the unit while cleaning.

TROUBLESHOOTING GUIDE

Symptom	Possible Cause	Solution
Noise or sound distorted on AM or FM broadcast	- Station not tuned properly for AM or FM. - FM: FM telescopic antenna is not extended. - AM: The bar antenna is not positioned correctly.	- 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	- Unit not in “RADIO” function mode. - Volume set at minimum.	- Rotate FUNCTION SELECTOR to “AM” or “FM” position. - Increase Volume.
CD player will not play	- 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.	- Select CD function mode. - Load a CD with label side facing outward. - Use better quality blank media and retest.
CD skips while playing	Disc is dirty or scratched.	Wipe CD with clean cloth or use another disc.
Intermittent sound from CD player	- Dirty or defective disc - Dirty pick up lens - Player is subject to excessive shock or vibration	- Clean or replace the defective disc. - Use a CD lens cleaning disc to clean the lens. - Relocate the player away from shock or vibration.
Cassette Player no sound	- Unit not at TAPE function mode - Volume at minimum	- Select TAPE function mode. - Increase volume.

Sound distorted	Dirty tape head	Clean the head.
Speed varies	- Tape old or worn - Dirty roller and capstan	- Replace the tape. - Clean roller and capstan.
Cassette Recorder will not record	Prevention tab removed	Cover the hole with tape.
Distorted sound on playback	Defective tape or dirty tape head	Replace tape or clean tape head.
Sound appears distorted at high volume setting	Volume control is set to maximum.	Adjust Volume control to a lower comfortable level.

SPECIFICATIONS

Power Requirement

Main unit: 120V~, 60Hz, or
DC 12V ⎓ (8 X 1.5V, "D" size, UM-1 batteries)

Frequency Range

Radio Band AM 530 - 1710 kHz
FM 88 - 108 MHz

Power Consumption

Main Unit: 20 Watts

SPECTRA® green

At Spectra, environmental and social responsibility is a core value of our business. We are dedicated to continuous implementation of responsible initiatives with an aim to conserve and maintain the environment through responsible recycling.

Please visit us at http://www.spectraintl.com/green.htm for more information on Spectra's green initiatives or to find a recycler in your area.

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 **$45.00** 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, IL 60634, 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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