

Studebaker

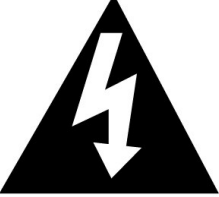

**Turndtable / AMFM Stereo Radio /
CD / Cassette / Aux in
5-in-1 Stereo Music System
SB6080 OWNER'S MANUAL**



Please read this Instruction Manual carefully before using
the unit and retain it 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.

 <p>The lightning flash with arrowhead symbol, within an equilateral triangle is intended to alert the user to the presence of uninsulated dangerous voltage within the product enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.</p>	<p>CAUTION</p> <p>RISK OF ELECTRIC SHOCK</p> <p>DO NOT OPEN</p> <p>CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER - SERVICEABLE PARTS INSIDE. REFERSERVICING TO QUALIFIED SERVICE PERSONEL.</p>	 <p>The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accomoanying the appliance.</p>
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The Caution Marking and rating label are located at the back enclosure of 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 a cart, stand, tripod, bracket, or table recommended by the manufacturer, or sold with the product. When a cart 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. 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.



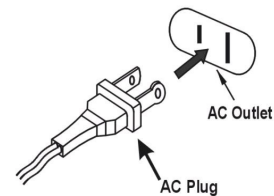
15. This appliance shall not be exposed to dripping or splashing water and that no object filled with liquids such as vases shall be placed on the apparatus.
16. Do not overload wall outlet. Use only power source as indicated.
17. Use replacement part as specified by the manufacturer.
18. Upon completion of any service or repairs to this product, ask the service technician to perform safety checks.
19. 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.
20. 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.
21. 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.
22. Main plug is used as disconnect device and it should remain readily operable during intended use. In order to disconnect the apparatus from the mains completely, the mains plug should be disconnected from the mains socket outlet completely.
23. Excessive sound pressure from earphones and headphone can cause hearing loss.

This symbol indicates that this product incorporates double insulation between hazardous mains voltage and user accessible parts.



CAUTION

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



SAVE THESE INSTRUCTIONS

PRECAUTIONS BEFORE USE

- UNPACK ALL PARTS AND REMOVE PROTECTIVE MATERIAL.
- DO NOT CONNECT THE UNIT TO THE MAINS BEFORE CHECKING THE MAINS VOLTAGE AND UNTIL ALL OTHER CONNECTIONS HAVE BEEN MADE.
- DO NOT COVER ANY VENTS AND MAKE SURE THAT THERE IS A SPACE OF SEVERAL INCHES AROUND THE UNIT FOR VENTILATION.

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.
- Places subject to constant vibration.
- Dusty, humid or moist places.
- Unplug the unit from the electrical power outlet immediately in case of malfunction.

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.

CAUTION: Changes or modifications 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 '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 STUDEBAKER 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 back 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 or loss.

Model Number: SB6080

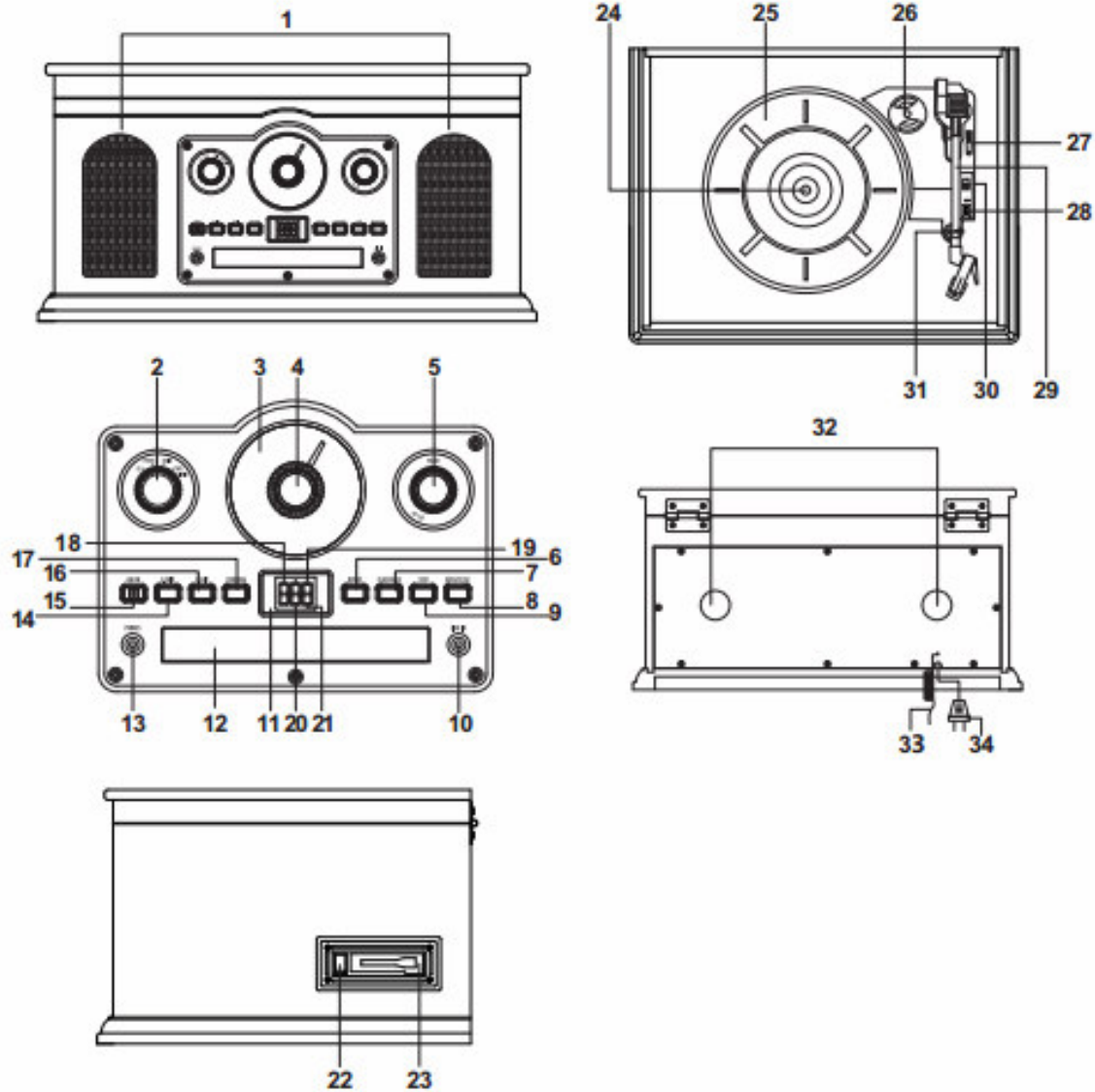
Serial Number: _____

GETTING STARTED

CONNECTING THE AC POWER CORD

1. Unwind the AC POWER CORD (#34) fully and connect it to any convenient household 120V~ 60Hz AC outlet
2. Rotate the POWER/VOLUME ON/OFF SWITCH (#5) clockwise to turn on the SB6080.

LOCATION OF CONTROLS



1. SPEAKERS
2. FUNCTION SELECTOR
3. DIAL SCALE
4. TUNING KNOB
5. POWER/VOLUME ON/OFF SWITCH
6. REPEAT BUTTON
7. PLAY/PAUSE BUTTON
8. CD DOOR OPEN/CLOSE BUTTON
9. STOP BUTTON
10. AUX-IN JACK
11. LED DISPLAY
12. CD DOOR
13. EARPHONE JACK
14. B. (BACKWARD) SKIP BUTTON
15. AM/FM SELECTOR
16. F. (FORWARD) SKIP BUTTON
17. PROGRAM BUTTON

18. REPEAT ONE LED INDICATOR
19. REPEAT ALL INDICATOR
20. PROGRAM PLAYBACK LED INDICATOR
21. PLAYBACK LED INDICATOR
22. CASSETTE EJECT/FAST FORWARD BUTTON
23. CASSETTE SLOT
24. TURNTABLE SHAFT
25. TURNTABLE PLATTER
26. 45 RPM ADAPTOR
27. LIFT LEVER
28. AUTO STOP SWITCH
29. TONE ARM
30. 33/45/78 RPM SPEED SELECTOR
31. TONE ARM REST
32. AIR CIRCULATION
33. FM ANTENNA
34. AC POWER CORD

CAUTION:

This unit should not be adjusted or repaired by anyone except qualified service personnel.

RADIO OPERATION

1. Rotate the POWER/VOLUME ON/OFF SWITCH (#5) to turn on the SB6080.
2. Rotate the FUNCTION SELECTOR (#2) to select Radio mode. The dial scale LED will light.
3. Use the AM/FM SELECTOR (#15) to select the desired bands.
4. Adjust the TUNING KNOB (#4) to tune in the station you want to listen to.
5. Rotate the POWER/VOLUME ON/OFF SWITCH (#5) to the desired volume level.
6. When you wish to turn off the Radio, rotate the POWER/VOLUME ON/OFF SWITCH (#5) to the OFF position.

Hints for best reception:-

- AM : The receiver has a built-in AM bar antenna. If AM reception is weak, slightly rotate or change the position of the unit will usually improve the AM reception.
- FM : The receiver has a build-in FM ANTENNA (#33) hanging at the rear cabinet. This wire should be totally unraveled and extended for best reception.

CD OPERATION

NOTE: THIS UNIT NOT ONLY PLAYS COMMERCIAL COMPACT DISCS BUT ALSO SELF-COMPILED CD-RW DISCS.

PLEASE READ THIS IMPORTANT INFORMATION:

CD mechanisms used in devices like this are designed to fully read all commercial CDs. They will also read self-compiled CD-R/CD-RW 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. Manufacturer is not responsible for the playback quality of CD-R/RW discs.

Do not attach a label or seal to either side of the CD-R/RW disc. It may cause a malfunction.

PLAYING A CD

1. Rotate the POWER/VOLUME ON/OFF SWITCH (#5) to turn on the SB6080.
2. Rotate the FUNCTION SELECTOR (#2) to select CD mode.
3. Press CD DOOR OPEN/CLOSE BUTTON (#8) to open the disc tray.
4. Carefully place an audio CD with its label side upward on the tray.
5. Press CD DOOR OPEN/CLOSE BUTTON (#8) to close the tray, the disc will start playing the first track once loaded and the PLAYBACK LED INDICATOR (#21) will light.
6. To pause playback, press the PLAY/PAUSE BUTTON (#7). To resume playing press PLAY/PAUSE BUTTON (#7) again.
7. You can choose to play your favorite track directly by pressing either the F. (FORWARD) SKIP BUTTON (#16) or B. (BACKWARD) SKIP BUTTON (#14). The LED DISPLAY (#11) will indicate the correct track number selected.
8. To locate a particular section within a track, press and hold the F. (FORWARD) SKIP BUTTON (#16) or B. (BACKWARD) SKIP BUTTON (#14) until the section is found. Release the button to continue playing your selection.
9. To stop playing, press STOP BUTTON (#9).
10. When you wish to turn off the CD Player, rotate the POWER/VOLUME ON/OFF SWITCH (#5) to the OFF position

REPEAT MODE

REPEAT 1

When the REPEAT BUTTON (#6) is pressed once, the REPEAT ONE INDICATOR (#18) on the LED DISPLAY (#11) will light. The current track will be played repeatedly.

REPEAT ALL

When the REPEAT BUTTON (#6) is pressed twice, the REPEAT ALL INDICATOR (#19) on the LED DISPLAY (#11) will light. The whole disc will be played repeatedly.

CD PROGRAM PLAY MODE

This function allows the CD tracks to be played in programmed sequence.

NOTE: Program can only be set in STOP mode.

1. Load the CD Disc you wish to program.
2. Make sure the unit is in STOP mode.
3. Press the PROGRAM BUTTON (#17) once, location "P01" will show on the LED DISPLAY (#11).
4. Press F. (FORWARD) SKIP BUTTON (#16) or B. (BACKWARD) SKIP BUTTON (#14) until the desired track number is reached.
5. Press the PROGRAM BUTTON (#17) to store the selection.
6. Repeat the (4) to (5) steps until you have entered all the tracks you want to program.
7. To play the stored sequence, press the PLAY/PAUSE BUTTON (#7). The PROGRAM PLAYBACK LED INDICATOR (#20) will light.
8. After all memory tracks have been played, the CD will stop automatically.

NOTES:

- When 20 tracks of CD music have been programmed, the memory is full "FUL" will indicate on the LED DISPLAY (#11). Press PLAY/PAUSE BUTTON (#7) to start the program playback.
- If you want to cancel the program memory, press the STOP BOTTON (#9) twice during playback or change to other mode or turn off the power.

The Repeat function also applies to programmed track playback.

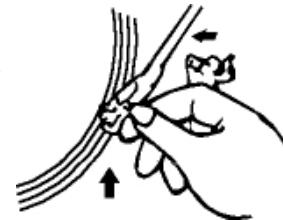
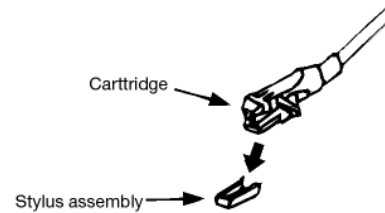
To repeat programmed tracks

1. During program play, press REPEAT BUTTON (#6) once will repeat the specifically programmed tracks.
2. Press the REPEAT BUTTON (#6) again will repeat all the programmed tracks.
3. Press the STOP BUTTON (#9) twice to cancel program playback.

PHONO OPERATION

Please Note - Before Use

- Remove the stylus protector.
 - Be sure that the TONE ARM (#29) is unlocked and free to move from the TONE ARM REST (#31) prior to operating. Lock the TONE ARM (#29) in place again when not in use.
1. Rotate the FUNCTION SELECTOR (#2) to select the PHONO mode
 2. Raise the turntable wood cover.
 3. Place a record on the TURNTABLE PLATTER (#25), use the 45 RPM ADAPTER (#26) if required.
 4. Set the RPM SPEED SELECTOR (#30) to the proper position depending on the record to be played.
 5. Lift the TONE ARM (#29) from the TONE ARM REST (#31) by using the LIFT LEVER (#27) and slowly move it over the record. The TURNTABLE PLATTER (#25) will start to rotate.
 6. Place the TONE ARM (#29) to the desired position of the record.
 7. Adjust the volume to the desired level.
 8. At the end of record, the platter will automatically stop spinning. Lift the TONE ARM (#29) from the record and return it to the TONE ARM REST (#31).
 9. To stop playing manually, lift the TONE ARM (#29) from the record and return it to the TONE ARM REST (#31).

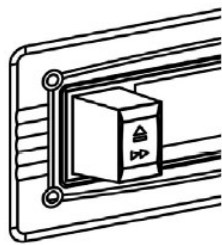
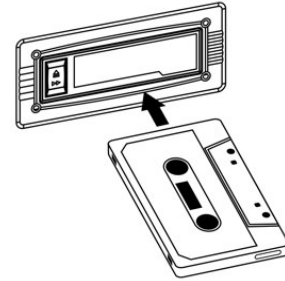


NOTE:

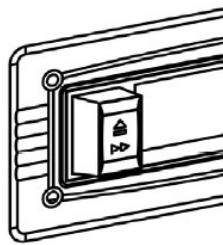
Certain types of records may have an auto-stop area outside the preset limit, so the turntable may stop before the last track finishes. If this occurs, set the AUTO-STOP SWITCH (#28) to the "OFF" position. This allows the record to play to the end, but please note that it will not stop automatically. You must manually raise the TONE ARM (#29) and place it back in the TONE ARM REST (#31) and then turn off the power to stop the turntable from spinning.

CASSETTE OPERATION

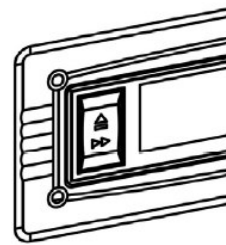
1. Rotate the FUNCTION SELECTOR (#2) to select to the TAPE/AUX position.
2. Rotate the POWER/VOLUME ON/OFF SWITCH (#5) to turn on the SB6080.
3. Fully insert the cassette tape into CASSETTE SLOT (#23), Playback will begin automatically.
4. Adjust the volume to the desired level.
5. Press EJECT/FAST FORWARD BUTTON (#22) halfway to engage Fast Forward, press again to disengage and resume playback.
6. Press EJECT (22) fully to eject the cassette



PLAY



**FAST
FORWARD**



EJECT

AUXILIARY INPUT

The SB6080 provides an AUX IN JACK (#10) for connecting external audio devices like MP3 players, CD players and the older, non-dockable iPod (except iPod shuffle 3rd generation) to listen through the speakers of this system.

1. Use an audio cable (not included) with one 3.5 mm stereo plug on each end of the cable.
2. Plug one end into the AUX IN JACK (#10) on the front of the SB6080 and the other end of the cable into the Line-out Jack or Headphone Jack of your external audio device.
3. Turn on the SB6080 and your external audio device.
4. Rotate the FUNCTION SELECTOR (#2) to select the TAPE/AUX mode.
5. The volume level can now be controlled through the main unit. Operate all other functions on the auxiliary device as usual.

Notes :

- 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.
- Rotate the POWER/VOLUME ON/OFF SWITCH (#5) to turn off the SB6080 when you finish listening. Don't forget to switch off the power on your external device as well.

USING HEADPHONES (NOT INCLUDED)

Inserting the plug of your headphones into the EARPHONE JACK (#13) will enable you to listen in private.

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 your 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.

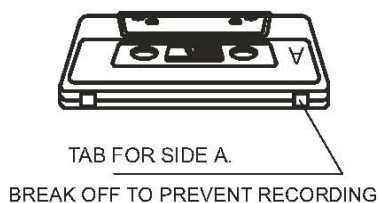
CARE AND MAINTENANCE

- Do not subject the unit to excessive force, shock, dust or extreme temperature.
- Do not tamper the internal components of the unit.
- Clean your unit with a dry cloth. Solvent or detergent should never be used.
- Avoid leaving your unit in direct sunlight or in hot, humid or dusty places.
- 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 from locking. If later you do wish to record on side A of the cassette, cover the tab opening with a piece of scotch tape. This will allow the Record ● button 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 vital 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)

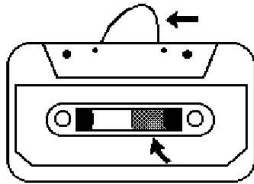


Fig.1

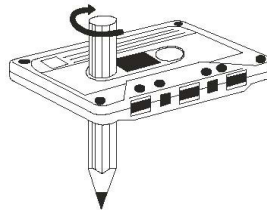


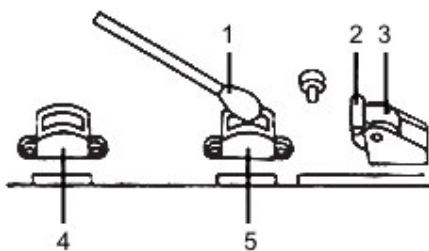
Fig. 2

- 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.
- 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

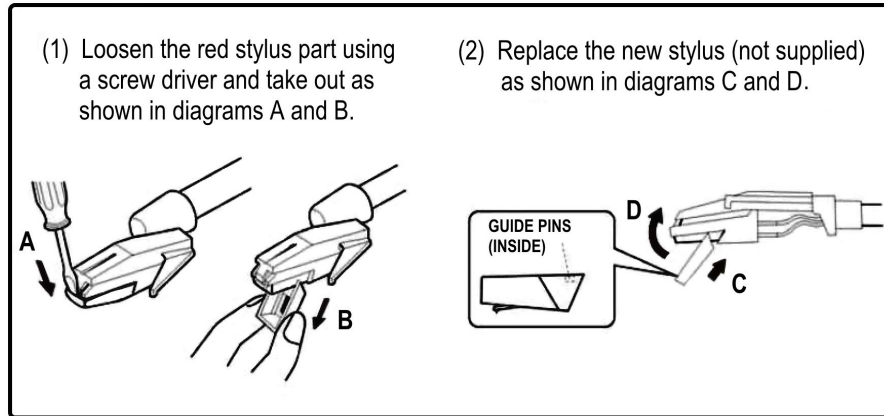
For continued high performance from your cassette deck, periodically clean the head, pinch roller, and capstan. We recommend cleaning after every 20-30 hours of operation. To clean the tape deck, press the STOP/EJECT key to open the deck door. Remove any tape in the deck. Make sure that the power to the unit is OFF. Moisten a cotton swab with isopropyl alcohol or a special head cleaning fluid. Carefully rub the face of each head, pinch roller, and capstan with the moistened cotton swab



1. Cotton Swab
2. Capstan
3. Pinch Roller
4. Erase
5. Tape Head

STYLUS REPLACEMENT

PLEASE REFER TO THE DIAGRAM BELOW TO REPLACE THE STYLUS.
NO ADDITIONAL STYLUS IS SUPPLIED WITH THE SYSTEM.

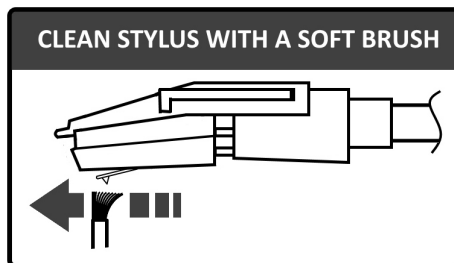


RECORD CARE AND MAINTENANCE

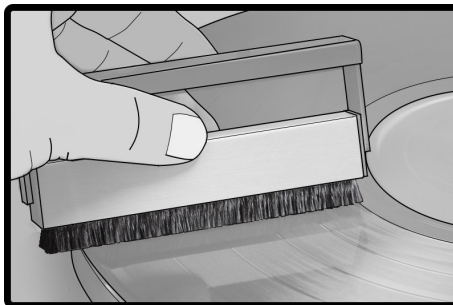
To ensure the best sound and the least amount of wear on your records, it's essential that they are kept clean. Make sure your records, especially older ones, are sufficiently cleaned prior to playing them.

Thoroughly clean dust off the stylus and record regularly.

- Use a soft brush to clean the stylus. Brush from the base to the tip as shown below.



- For records with only light amounts of dust, we recommend brushing them off with a carbon fiber brush or velvet pad before playing them. Use a good quality record cleaner and brush set to keep your records clean. Carbon fiber brushes, velvet pads and record cleaning kits are available online or in local record stores.



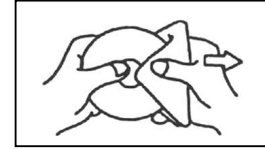
- Using a mild dish soap and warm water for washing your records will also help remove excess dirt and dust that builds up over the years. Use a microfiber cloth when washing and wiping off any excess water from the records once they have been cleaned

NOTE:

Remember, the best cleaning just removes all the dust and dirt. Some records will have scratches and groove wear. No amount of cleaning will fix this. So after cleaning, some records may sound “perfect” and others may not.

CD CARE

1. Clean your unit with a damp (never wet) cloth. Solvent or detergent should never be used.
2. Avoid leaving your unit in direct sunlight or in hot, humid or dusty places.
3. Keep your unit away from heating appliances and sources of electrical noise such as fluorescent lamps or motors.
4. 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 music system please check the following or call 1-800-777-5331 for Customer Service and Support.

Problem	Possible Cause	Solution
Dead, no response to commands	Powered not connected to device	Check mains power connection, especially if using extension cables
	AC outlet has no power	Plug another device into the same outlet to confirm the outlet is working
	Power switch in the off position	Rotate the Power On/Off switch clockwise to turn on the unit
Unit is ON but there is low or no volume	The Volume Control has been turned all the way down	Turn the Volume Control to a higher output
Sound is distorted.	Volume level is set too high	Decrease the volume
CD PLAYER		
Freezing or skipping during CD playback	Dust, dirt or scratches on disc	Try another CD
	CD player lens dirty	Use CD lens cleaning disc
Number flashing in display, no sound	Playback is paused	Press PLAY/PAUSE button
CD disc not loading	Disc loading incorrectly	CD should be loaded with label facing upwards
	Unsupported disc type/data	Only CD Audio discs are supported
PHONO		
Playback muffled or fuzzy	Dust accumulation on stylus	Clean record and stylus with suitable brush
Tone arm skidding over record	Stylus covered	Remove stylus protector
	Stylus damaged	Replace stylus (please note the stylus is not covered by warranty)
Turntable stopping before end of record	Auto-stop enabled	Slide the AUTO STOP SWITCH to OFF
Playback at incorrect speed	Incorrect speed selected	Select the correct speed according to the record

RADIO		
Interference or distorted sound	Weak signal on distant stations	FM mode, Fully extend the FM wire antenna
		AM mode, Rotate or change the position of the unit for better reception
TAPE PLAYER		
Playback muffled or fuzzy	Tape head dirty	Clean tape head using head cleaning cassette
	Tape head magnetized	Demagnetizing must be carried out by service engineer
Playback uneven or wobbling	Tape too tight in cassette	Fast-forward entire tape and try again, or try alternative tape
Not playing tape	AUX IN connected	Connection to AUX IN socket will disable tape playback, remove connection

SPECIFICATION

Power Requirement	AC 120V ~ 60Hz 15 W
Frequency Range	AM 530 – 1710 KHz FM 87.5 – 108 MHz

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, 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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