

**3-SPEED STEREO TURNTABLE MP3 CD SYSTEM
WITH CASSETTE AND AM/FM STEREO RADIO**





**MODEL: JTA-575
USER MANUAL**

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.

 <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 RISK OF ELECTRIC SHOCK DO NOT OPEN</p> <p>CAUTION TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING 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 accompanying the appliance.</p>
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The Caution Marking is located at the bottom enclosure of the apparatus.
The Rating plate is located at the bottom 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. AC adaptor 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 AC adaptor should be disconnected from the mains socket outlet completely.
10. Only use attachments/accessories specified by the manufacturer.
11. 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.
12. Unplug this apparatus during lightning storms or when unused for a long period of time.
13. 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.
14. 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.
15. Do not overload wall outlet. Use only power source as indicated.
16. Use replacement part as specified by the manufacturer.
17. Upon completion of any service or repairs to this product, ask the service technician to perform safety checks.
18. 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.



19. 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.
20. 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.
21. Battery shall not be exposed to excessive heat such as sunshine, fire or the like.
22. Excessive sound pressure from earphones and headphone can cause hearing loss.
23. Minimum distances of 4 inches around the apparatus for sufficient ventilation.
24. The ventilation should not be impeded by covering the ventilation openings with items, such as newspapers, table-cloths, curtains, etc.
25. No open flame sources, such as lit candles, should be placed on the product.
26. The use of apparatus in moderate climates.
27. Attention should be drawn to the environmental aspects of battery disposal.

SAVE THESE INSTRUCTIONS

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.

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 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.

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.

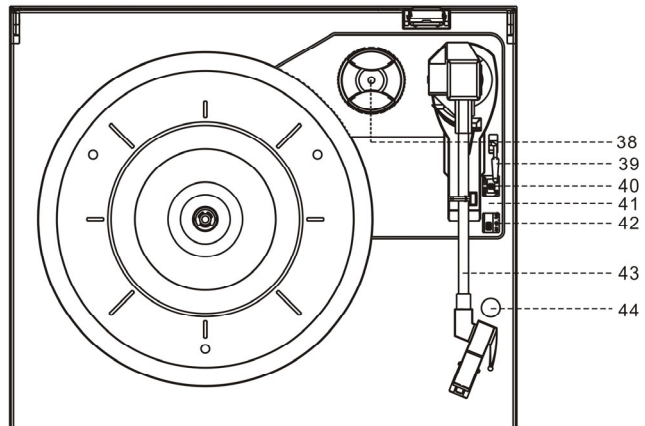
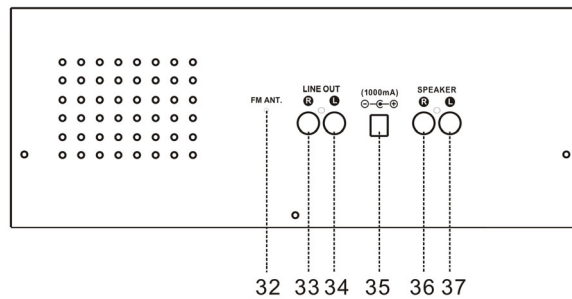
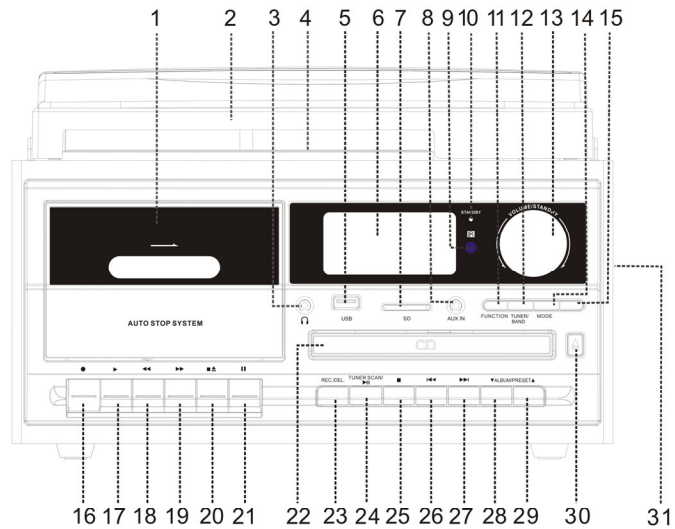
Model Number: JTA-575

Serial Number:

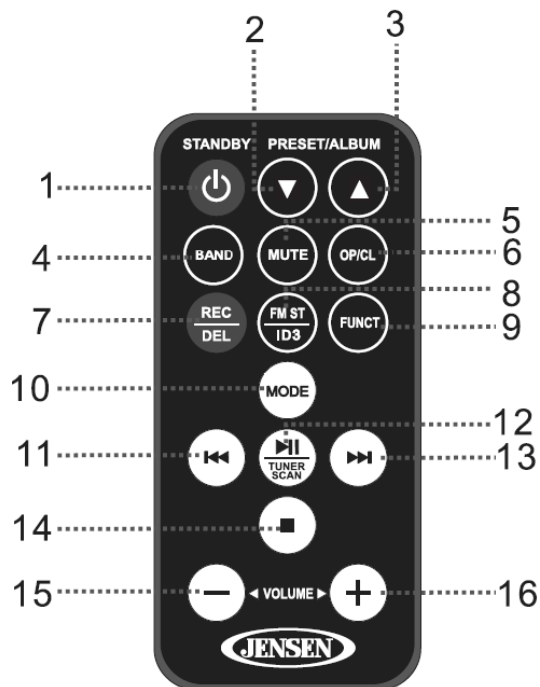
LOCATION OF CONTROLS AND INDICATORS

MAIN UNIT

- 1) CASSETTE PLAYER
- 2) DUST COVER
- 3) EARPHONE JACK
- 4) TURNTABLE
- 5) USB SLOT
- 6) LCD DISPLAY
- 7) SD SLOT
- 8) AUX IN JACK
- 9) REMOTE CONTROL RECEIVER
- 10) STANDBY INDICATOR
- 11) FUNCTION BUTTON
- 12) TUNER / BAND BUTTON
- 13) VOLUME / STANDBY CONTROL
- 14) MODE BUTTON
- 15) FM ST / ID3 BUTTON
- 16) CASSETTE – RECORD BUTTON ●
- 17) CASSETTE – PLAY BUTTON ▶
- 18) CASSETTE – REWIND BUTTON ◀◀
- 19) CASSETTE – FAST FORWARD BUTTON ▶▶
- 20) CASSETTE – STOP / EJECT BUTTON ■▲
- 21) CASSETTE – PAUSE BUTTON ||
- 22) CD TRAY
- 23) REC / DEL BUTTON (RECORD/DELETE)
- 24) TUNER SCAN / PLAY/PAUSE ▶||
- 25) STOP ■
- 26) TUNING / SKIP DOWN ◀◀
- 27) TUNING / SKIP UP ▶▶
- 28) ALBUM / PRESET ▼
- 29) ALBUM / PRESET ▲
- 30) CD OPEN/CLOSE BUTTON
- 31) MAIN CABINET
- 32) FM WIRE ANTENNA
- 33) LINE-OUT (R) JACK
- 34) LINE-OUT (L) JACK
- 35) EXTERNAL POWER ADAPTOR JACK
- 36) SPEAKER-OUT (R) JACK
- 37) SPEAKER-OUT (L) JACK
- 38) 45 RPM ADAPTOR
- 39) TONE ARM LIFT LEVER
- 40) AUTO STOP ON/OFF BUTTON
- 41) TONE ARM LATCH
- 42) 33/45/78 RPM SPEED SELECTOR
- 43) TONE ARM
- 44) TURNTABLE PITCH CONTROL



REMOTE CONTROL

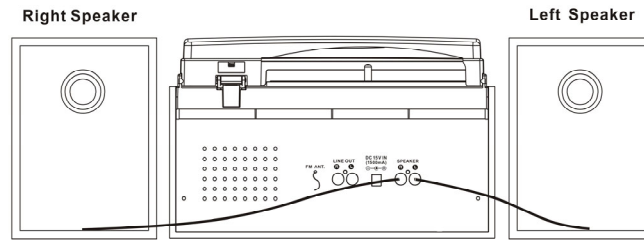


- 1 **STANDBY BUTTON:** Switches between standby mode and power on mode.
- 2 **PRESET/ALBUM ▼:** Same function as “ALBUM / PRESET ▼” button on the unit.
- 3 **PRESET/ALBUM ▲:** Same function as “ALBUM / PRESET ▲” button on the unit.
- 4 **BAND BUTTON:** Same function as “BAND” button on the unit.
- 5 **MUTE BUTTON:** Mutes audio playback.
- 6 **OP/CL BUTTON:** Opens and closes the CD tray.
- 7 **REC/DEL BUTTON:** Same function as “REC/DEL” button on the unit.
- 8 **FM ST./ID3 BUTTON:** Select between FM stereo and mono in RADIO MODE. Turns ID3 display ON/OFF during MP3 playback.
- 9 **FUNCT BUTTON:** Same function as “FUNCTION” button on the unit
- 10 **MODE:** Same function as “MODE” button on the unit.
- 11 **◀◀ BUTTON:** Same function as “SKIP DOWN ◀◀” button on the unit. Also used for searching radio stations when in TUNER mode.
- 12 **▶|| / TUNER SCAN BUTTON:** Same function as “▶|| PLAY/PAUSE” & “TUNER SCAN” button on the unit.
- 13 **▶▶ BUTTON:** Same function as “SKIP UP ▶▶” button on the unit. Also used for searching radio stations when in TUNER mode.
- 14 **■ BUTTON:** Same function as “■ STOP” button on the unit.
- 15 **VOLUME - BUTTON:** Decreases the volume level.
- 16 **VOLUME + BUTTON:** Increase the volume level.

GETTING STARTED

CONNECTING THE SPEAKERS

1. Plug the speakers into the RCA SPEAKER jack located on the back of the main unit.
2. Plug the left speaker to the left SPEAKER jack "L" and the right speaker into the right speaker jack "R".



NOTE:

Make sure that the power is turned off when connecting or disconnecting the speakers. Make sure that the speakers are connected to the correct jacks.

POWER SOURCE

MAIN UNIT

The JTA-575 operates using an external AC-DC adaptor with output DC 15V --- 1.5A \ominus \oplus .

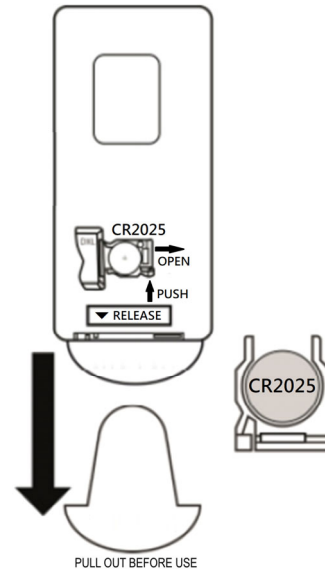
1. Plug the cord of the power adaptor into the DC IN JACK located on the back of the JTA-575.
2. Plug of the power adaptor into a wall socket.
3. Press the VOLUME/STANDBY CONTROL to turn the unit ON. The display will light and the unit is ready for use.

REMOTE CONTROL

The remote control operates on one CR2025 battery (included). To activate the remote control, remove the insulation tab inserted in the battery compartment.

When the operation of the remote control becomes intermittent or weak, replace the original battery with a new 3-volt lithium battery.

1. Slide out the battery holder from the remote control case.
2. Replace the 3V CR2025 battery. Be sure the battery is installed correctly. The remote will not work if the battery is installed with the wrong polarity.



CAUTION:

- 1.) Danger of explosion if the battery is replaced incorrectly.
- 2.) Replace only with the same or equivalent type battery.
- 3.) Insert the battery holder back into the battery slot.

NOTE: Only use a well-known brand of battery to ensure the longest life and best performance.

Battery Precautions

- Replacement of batteries must be done by an adult.
- The supply terminals are not to be short-circuited.
- Non-rechargeable batteries are not to be recharged.
- Exhausted batteries are to be removed.
- Only batteries of the equivalent type are to be used.
- Batteries are to be inserted with the correct polarity.
- Dispose of batteries properly. Do not dispose of batteries in fire. The batteries may explode or leak.



WARNING

DO NOT INGEST BATTERY, CHEMICAL BURN HAZARD

The remote control supplied with this product contains a coin/button cell battery. If the coin/button cell battery is swallowed, it can cause severe internal burns in just 2 hours and can lead to death.

Keep new and used batteries away from children. If the battery compartment does not close securely, stop using the product and keep it away from children.

If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention.

RADIO OPERATION AND RECORDING (ENCODING TO MP3)

RADIO TUNING

1. Press the **VOLUME/STANDBY CONTROL** to turn the unit ON.
2. Tap the **TUNER/BAND BUTTON** to put the unit in radio mode (TUNER shows on the display).
3. Repeatedly press the **TUNER/BAND BUTTON** to select the AM or FM radio band.
4. The frequency will show on the LCD display. Tap the **TUNING/SKIP UP ►►** OR **TUNING/SKIP DOWN ◄◄** button to adjust the frequency.
5. Press and hold the **TUNING/SKIP UP ►►** or **TUNING/SKIP DOWN ◄◄** to automatically tune to the next or previous available station.

MANUAL PRESET RADIO STATIONS

1. Tune to the desired radio station.
2. Press the **MODE BUTTON** the program number is flashing on the left of the LCD display.
3. Tap the **PRESET ▼ OR PRESET ▲** to select a preset location for storing the station.
4. Press the **MODE BUTTON** again to confirm the preset location.
5. Repeat step 1, 2 & 3 until all desired radio stations are stored.
6. To recall one of the preset stations already programmed, tap the **PRESET ▼ OR PRESET ▲** repeatedly until you reach the desired preset number/radio station.
7. The number of stations can be found and stored depends on the signal strength of the station.

AUTO PRESET RADIO STATIONS

1. During radio mode (AM or FM), press the **TUNER SCAN / PLAY/PAUSE ►||** button, the unit will automatically scan the radio frequency. When the clear signal is found, it will automatically store the radio station starting from program number 1.
2. The number of stations can be found and stored is depended on the reception of different area and countries.

FM & FM-STEREO RECEPTION

- Tap the **FM ST** button repeatedly to select FM mono or FM stereo mode. Use the “mono” mode when receiving weak stereo stations.
- The “**ST**” icon will light on the display to when receiving an FM stereo broadcast.

HINTS FOR BETTER RECEPTION

1. AM: the receiver has a built-in am bar antenna. If AM reception is weak, slightly rotating or re-positioning the unit will usually improve the AM reception.
2. FM: the receiver has an FM wire antenna located on the back of the unit. This wire should be totally unraveled and fully extended for best reception.

FM & FM-STEREO RADIO RECORDING (ENCODING TO MP3)

1. When in **TUNER** mode (AM or FM). Tune to a desired radio station.
2. Insert a memory storage device (USB flash drive, SD or MMC card).
3. Press the **REC** button; it takes 3-5 seconds to read memory device. “REC” will be flashing on the display, followed by “FM-REC” and then “WAITING” while the unit prepares for recording.
4. When recording begins, the “REC” icon and either the “USB” or “SD” icon will also be flashing depending on what media you have inserted. The radio station frequency you are recording will also show on the display.
5. If you have a USB flash drive and an SD card inserted when recording from FM, pressing the **SKIP UP ►►** or **SKIP DOWN ◄◄** button allows you to select what memory storage device you want to record to (USB or SD). Press the **REC** button again to confirm the memory storage device and the recording process will begin.
6. Press the **STOP ■** button to stop recording. The display will show “END” and return to “TUNER” mode and the station you were listening to.

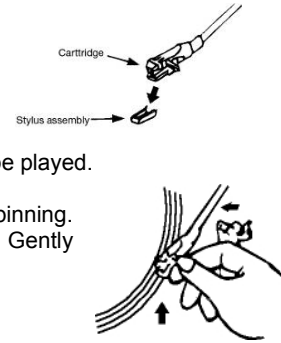
REMARKS:

- The recording speed is 1:1.
- Once the **REC** button is pressed, the recording process will continue recording until the **STOP ■** button is pressed or until the memory storage device is full.
- The recording format is preset to MP3 (128 kbps/ 44.1khz) and cannot be changed.
- During FM & FM-stereo radio recording, the radio frequency is fixed and cannot be tuned until the **STOP ■** button is pressed.

PHONO OPERATION AND RECORDING (ENCODING TO MP3)

NOTES

- Remove the stylus protector.
 - Release the **TONE ARM LATCH** to unlock the tone arm so it moves freely.
1. Tap the **FUNCTION** button repeatedly to select PHONO mode (PHONO shows on the display).
 2. Set the record **SPEED SELECTOR** to the proper position depending on the record to be played.
 3. Place the record on the platter and use the 45 RPM adaptor if needed.
 4. Lift the tone arm from the rest and slowly move it over the record. The platter will start spinning.
 5. Move the tone arm to the beginning of the record, or to the start of a particular track. Gently lower the tone arm onto the record to start playing.
 6. Fine tune the record speed using the **TURNTABLE PITCH CONTROL** if needed.
 7. Adjust the volume to the desired level.
 8. At the end of record, the platter will automatically stop spinning.
 9. Lift the tone arm and return it to the rest position.
 10. To stop the record from playing manually, lift the tone arm from the record and return it to the park position.



NOTE: You can also use the **TONE ARM LIFT LEVEL** to raise and lower the tone arm onto the record if needed.

REMARK: Some types of records may have an auto-stop area outside the preset limit, so the turntable may stop before the last track finishes. In this case, select the **AUTO-STOP SWITCH** to "OFF" position. This allows the record to play to the end, but it will not stop automatically. You must manually raise the tone arm and place it back in the rest to stop the turntable from spinning and turn it off.

PHONO ENCODING TO MP3

1. Tap the **FUNCTION** button repeatedly to select PHONO mode (PHONO shows on the display). Insert a memory storage device (USB flash drive, SD or MMC card).
2. Press the **REC** button; it takes 3-5 seconds to read memory device. "REC" will be flashing on the display, followed by "PHO REC" and then "WAITING" while the unit prepares for recording.
3. When recording begins, the "REC" icon and either the "USB" or "SD" icon will be flashing depending on what media you have inserted. "PHONO" will also show on the display.
4. Move the TONE ARM over the record and lower it onto the section of the record you want to record.
5. If you have a USB flash drive and an SD card inserted when recording from PHONO, pressing the **SKIP UP** ►► or **SKIP DOWN** ◄◄ button allows you to select what memory storage device you want to record to (USB or SD). Press the **REC** button again to confirm the memory storage device and the recording process will begin.
6. Press the **STOP** ■ button to stop recording. The display will show "END" and return to "PHONO" mode.

REMARKS:

- The recording speed is 1:1.
- Once the **REC** button is pressed, the recording process will continue recording until the **STOP** ■ button is pressed or until the memory storage device is full.
- The recording format is preset to MP3 (128 kbps/ 44.1khz) and cannot be changed.

AUX OPERATION AND RECORDING (ENCODING TO MP3)

This unit provides an **aux in jack** for connecting external audio devices like MP3 players, CD players, smart phones and ipods (except ipod shuffle 3rd generation) to listen to your external source through the speakers of this system.

1. You need an audio cable (not included) with one 3.5 mm stereo plug on each end of the cable.
2. Plug one end of the cable into the aux in jack (#25) located on the left-hand side of the unit and the other end of the cable into the line-out jack or headphone jack of your external audio device.
3. Turn on the external audio device.
4. Turn on the unit and tap **FUNCTION BUTTON** repeatedly to select aux mode, "AUX" will show on the display.
5. The volume level can now be controlled through the volume control of the unit. Operate all other functions on the auxiliary device as usual.
6. Tap the standby knob to turn on the unit.

NOTES:

- If you connected the line-out jack on your external device then you only need to adjust the volume control of this system. If you connected the headphone jack of your external device 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.
- Remove the audio cable from aux in jack when you finish listening. Don't forget to switch off the power on your external device as well.

AUX-IN ENCODING TO MP3

1. Tap the **FUNCTION** button repeatedly to select AUX mode (AUX shows on the display). Insert a memory storage device (USB flash drive, SD or MMC card).
2. Press the **REC** button; it takes 3-5 seconds to read memory device. "REC" will be flashing on the display, followed by "AUX REC" and then "WAITING" while the unit prepares for recording.
3. When recording begins, the "REC" icon and either the "USB" or "SD" icon will be flashing depending on what media you have inserted. "AUX" will also show on the display.
4. If you have a USB flash drive and an SD card inserted when recording from AUX, pressing the **SKIP UP** **▶▶** or **SKIP DOWN** **◀◀** button allows you to select what memory storage device you want to record to (USB or SD).
5. Press the **REC** button again to confirm the memory storage device and the recording process will begin.
6. Press the **STOP** **■** button to stop recording. The display will show "END" and return to "AUX" mode.

REMARKS:

- The recording speed is 1:1.
- Once the **REC** button is pressed, the recording process will continue recording until the **STOP** **■** button is pressed or until the memory storage device is full.
- The recording format is preset to MP3 (128 kbps/ 44.1khz) and cannot be changed.

CASSETTE OPERATION AND RECORDING (ENCODING TO MP3)

STOP / EJECT BUTTON **■ ▲**: Press to stop all deck operations. Press again to open the cassette door.

FAST FORWARD BUTTON **▶▶**: Press to fast forward the tape.

REWIND BUTTON **◀◀**: Press to rewind the tape.

PLAY BUTTON **▶**: Press to start playing the tape.

PAUSE BUTTON **||**: Press to pause the tape playback. Press again to resume playback.

RECORD BUTTON **●**: Press together with the **PLAY BUTTON** **▶** to start tape recording.

CASSETTE TAPE PLAYBACK

1. Tap the **FUNCTION BUTTON** repeatedly to select tape mode, "tape" will show on the display.
2. Press the cassette **STOP/EJECT BUTTON** **■ ▲** to open the cassette door. Insert a pre-recorded cassette tape with the exposed tape facing down. Push on the cassette door to close it.
3. Press the **PLAY BUTTON** **▶** to start playback. Adjust the volume control to obtain the desired sound level.
4. Use **PAUSE BUTTON** **||** to pause playback, press it again to resume the playback.
5. Press the **STOP / EJECT BUTTON** to stop the tape playback.

CASSETTE TAPE RECORDING

1. Tap the **FUNCTION BUTTON** repeatedly to select the source you want to record from (PHONO / CD / AUX / TUNER / USB / SD).
2. Insert a blank cassette tape into the tape deck.
3. Start playing from the source you selected above.
4. Press down on the **RECORD BUTTON** **●** and **PLAY BUTTON** **▶** at the same time to start recording to the tape.
5. Press the **STOP / EJECT BUTTON** to stop recording.

CASSETTE TAPE ENCODING TO USB/SD

1. Tap the **FUNCTION BUTTON** to select TAPE mode, "TAPE" will show on the display.
2. Insert a memory storage device (USB flash drive, SD or MMC card).
3. Press the **REC** button; it takes 3-5 seconds to read memory device. "REC" will be flashing on the display, followed by "TAPE-REC" and then "WAITING" while the unit prepares for recording.
4. When recording begins, the "REC" icon and either the "USB" or "SD" icon will also be flashing depending on what media you have inserted. "TAPE" will also show on the display when the recording/encoding begins.
5. Press the **PLAY BUTTON** **▶** on the cassette deck to start playing the tape.
6. If you have a USB flash drive and an SD card inserted when recording from FM, pressing the **SKIP UP** **▶▶** or **SKIP DOWN** **◀◀** button allows you to select what memory storage device you want to record to (USB or SD). Press the **REC** button again to confirm the memory storage device and the recording process will begin.
7. Press the **STOP** **■** button to stop recording. The display will show "END" and return to "TAPE" mode.
8. Press the **STOP / EJECT BUTTON** on the cassette deck to stop the tape.

REMARKS:

- The recording speed is 1:1.
- Once the **REC** button is pressed, the recording process will continue recording until the **STOP** **■** button is pressed or until the memory storage device is full.
- The recording format is preset to MP3 (128 kbps/ 44.1khz) and cannot be changed.





USB/SD OPERATION

This system is able to decode and playback MP3 and WMA files stored on the memory device (USB flash drive or SD/MMC memory card). This includes MP3 or WMA files stores in separate folders located on the memory device.




PLAYING FROM THE USB PORT

1. Tap the **FUNCTION** button repeatedly to select USB mode. "USB" will show on the display.
2. Insert a USB flash drive containing MP3 or WMA files into the USB port on the front of the unit.
3. The system will start reading the USB flash automatically and display the total folder and number of MP3/WMA files it finds on the device.





PLAY / PAUSE BUTTON

- Press the "PLAY/PAUSE"  button to start playback.
- While playing, press the PLAY/PAUSE  BUTTON to pause the track that's playing, the PAUSE  ICON will flash on the display. Press the PLAY/PAUSE  BUTTON again to resume playing the track.

STOP BUTTON

- Press the **STOP**  BUTTON to stop playback. The display will show the total number of MP3/WMA files it finds on the device. Press the "SKIP UP"  OR "SKIP DOWN"  buttons to select other MP3/WMA files for playback.

SKIP UP / SKIP DOWN BUTTONS

- During MP3/WMA playback, tap the **SKIP UP**  button once to play the next track. Press and hold **SKIP UP**  button to search within the current track playing with high speed playback.
- During MP3/WMA playback, tap the **SKIP DOWN**  button once to play the previous track. Press and hold **SKIP DOWN**  to search within the current track playing with high speed backward.

SEARCHING FOLDERS

- Press the **ALBUM**  OR **ALBUM**  to select folders on the memory device.

REPEAT FUNCTION

- During audio playback, press the **MODE** button repeatedly to select a different playback mode:

REPEAT ONCE > REPEAT ALBUM > REPEAT ALL > RANDOM > INTRODUCTION

PLAYING FROM THE SD CARD SLOT









1. Tap the **FUNCTION** button repeatedly to select "CARD" mode. "CARD" will show on the display.
2. Insert an SD/MMC card containing MP3 or WMA files into the SD card slot on the front of the unit.
3. The system will start reading the SD/MMC card automatically and display the total folder and number of MP3/WMA files it finds on the device.
4. Follow the same USB Port playback steps when using the card slot.

NOTES

- You may not be able to play certain MP3 files on this unit due to the type of encoding that was used to create the files. This is not a malfunction of the system.
- You may also experience playback issues if you are using cheaper or low quality USB flash drives and SD/MMC memory cards. We recommend using good quality name brand memory devices for playback.
- SD card support up to 8 GB.

TRACK PROGRAMMING

Up to 99 tracks can be programmed for MP3/WMA playback. Make sure the unit is in STOP mode before programming:

1. In "USB" or "CARD" mode, press the **STOP**  button.
2. Press the **MODE** BUTTON, "MEM" icon and the program number will show on the display, and the folder number will flash on the display to prompt for input.
3. Tap the **SKIP UP**  or **SKIP DOWN**  BUTTON to select the desired folder.
4. Press the **MODE** button to confirm.
5. The track number will flash on the display to prompt for input.
6. Tap **SKIP UP**  OR **SKIP DOWN**  BUTTON to select a desired track.
7. Press the **MODE** button to confirm.
8. Repeat steps 3 and 7 to enter additional tracks into the memory if necessary.
9. When all the desired tracks have been programmed, press the **PLAY/PAUSE**  button to play the tracks in assigned order.
10. Press the **STOP**  BUTTON to stop playing of programmed tracks. Press the **STOP**  button again to cancel programming.

COPYING MP3/WMA FILES

The system allows you to copy files from a USB to SD or SD to USB 1 file at a time, 1 folder at a time or all files at a time.

I) COPY 1 TRACK

1. Insert the USB flash drive or SD/MMC CARD, select "USB" OR "CARD" MODE depending on where the file is you want to copy from.
2. Select the track which you want to copy and press **PLAY ▶** to begin playing the file.
3. Press the **REC** button during playback and "ONE" will be flashing on the display. Press the **REC** button again to confirm.
4. The USB or SD icon will be flashing on the display. The file is now being copied to the other device.
5. Once the copy process is completed, the unit will stop playback automatically.
6. The display will show "END" and go back to "USB" or "CARD" mode.

II) COPY 1 FOLDER

1. Insert the USB flash drive or SD/MMC CARD, select "USB" OR "CARD" MODE depending on where the folder is you want to copy from.
2. Press **ALBUM ▼** or **ALBUM ▲** to search for the folder you want to copy. Select the folder.
3. Press the **REC** button and "ONE" will be flashing on the display. Press the **SKIP UP ►► / SKIP DOWN ◄◄** button to select "DIR" on the display. Press the **REC** button again to confirm.
4. The USB or SD icon will be flashing on the display. The folder is now being copied to the other device.
5. When the USB or SD icon stops flashing, it means that the folder copying is completed.

III) COPY ALL TRACKS

1. Insert the USB flash drive or SD/MMC CARD, select "USB" OR "CARD" MODE depending on where the files are that you want to copy from.
2. Press the **REC** button and "ONE" will be flashing on the display. Tap **SKIP UP ►► / SKIP DOWN ◄◄** button to select "ALL" on the display. Press the **REC** button again to confirm.
3. The USB or SD icon will be flashing on the display. All tracks are now being copied to the other device.
4. When the USB or SD icon stops flashing, it means that all the files are copied and copying is completed.

REMARK:

- If you press the **REC** button during playback in USB mode, the file will copy from the USB to SD. If you press the **REC** button during playback in SD mode, the file will copy from the SD to the USB.

DELETING A FILE FROM THE USB / SD CARD

The system is able to erase files stored on the USB flash drive or SD card by following these directions:

I) DELETE 1 TRACK

1. Press and hold the **DEL** button for 3-5 seconds during playback and "ONE" will be flashing on the display. Press the **DEL** button again to confirm.
2. "DEL" will show on the display. The track will be deleted when "DEL" turns off on the display.

II) DELETE 1 FOLDER

1. Insert the USB flash drive or SD/MMC CARD, select "USB" OR "CARD" MODE depending on where the folder is you want to delete.
2. Press the **ALBUM ▼** or **ALBUM ▲** to search desired folder for deleting.
3. Press and hold the **DEL** button for 3-5 seconds, "DEL" will show on the display. Press the **SKIP UP ►► / SKIP DOWN ◄◄** button to select "DIR" on the display. Press the **DEL** button again to confirm.
4. "DEL" will show on the display. The folder will be deleted when "DEL" turns off on the display.

III) DELETE ALL TRACKS

1. Insert the USB flash drive or SD/MMC CARD, select "USB" OR "CARD" MODE depending on where the files are that you want to delete.
2. Press and hold the **DEL** button for 3-5 seconds and "ONE" will be flashing on the display. Press the **SKIP UP ►► / SKIP DOWN ◄◄** button to select "ALL" on the display. Press the **DEL** button again to confirm.
3. The USB or SD icon will be flashing on the display and the tracks are being deleted.
4. When the USB or SD icon stops flashing, it means that all tracks are deleted.

REMARK : the files on the USB flash drive or SD card will be deleted completely after confirming the process with the "DEL" button.

CD/MP3 OPERATION AND RECORDING (ENCODING TO MP3)

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.




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.




CD OPERATION

1. Press the **FUNCTION** button repeatedly to select CD mode, "CD" will show on the display.
2. Press the **CD OPEN/CLOSE BUTTON**, the CD tray will open. Place a CD on the tray with the label side facing upward.
3. Press the **CD OPEN/CLOSE BUTTON** again to close the CD tray.
4. The CD will spin while the unit is reading the tracks on the CD. The total number of tracks found will show on the display.





● **PLAY / PAUSE BUTTON**

- Press the **PLAY/PAUSE**  button once to start playing the CD.
- Press the **PLAY/PAUSE**  button to pause playback. Press the **PLAY/PAUSE**  button again to resume playing.

● **STOP BUTTON**

- Press the **STOP**  button to stop CD playback. The display will show the total number of tracks. Press the **SKIP UP**  / **SKIP DOWN**  buttons to select tracks.

● **SKIP UP** / **SKIP DOWN** **BUTTONS**

- During CD playback, tap the **SKIP UP**  button once to play the next track. Press and hold the **SKIP UP**  button to search within the current track playing with high speed playback.
- During CD playback, tap the **SKIP DOWN**  button once to play the previous track. Press and hold **SKIP DOWN**  to search within the current track playing with high speed backward.

● **FOLDER SEARCHING**

Press the **ALBUM**  or **ALBUM**  buttons to search folder backward or forward.








● **REPEAT FUNCTION**

- During audio playback, press the **MODE** button repeatedly to select a different playback mode:

REPEAT ONCE > REPEAT ALBUM (MP3/WMA FORMAT ONLY) > REPEAT ALL > RANDOM > INTRODUCTION

TRACK PROGRAMMING

Up to 99 MP3 tracks and 20 CD audio tracks can be programmed. Make sure the unit is in STOP mode before programming:

1. Tap the **FUNCTION** button to select CD mode.
2. Press the **MODE** **BUTTON**, the "MEM" icon and the program number will show on the display and the folder number (for MP3/WMA DISC ONLY) will flash on lcd display to prompt for input.
3. Tap the **SKIP UP**  or **SKIP DOWN**  **BUTTON** to select the desired folder.
4. Press the **MODE** button to confirm.
5. The track number will flash on the display to prompt for input.
6. Tap **SKIP UP**  OR **SKIP DOWN**  **BUTTON** to select a desired track.
7. Press the **MODE** button to confirm.
8. Repeat steps 3 and 7 to enter additional tracks into the memory if necessary.
9. When all the desired tracks have been programmed, press the **PLAY/PAUSE**  button to play the tracks in assigned order.
10. Press the **STOP**  **BUTTON** to stop playing of programmed tracks. Press the **STOP**  button again to cancel programming.

COPYING A CD

This unit allows you to copy tracks from a CD to either a USB flash drive or SD; 1 file at a time, 1 folder at a time or all files at one time.

I) COPY 1 TRACK

1. Tap the **FUNCTION BUTTON** to select CD mode.
2. Insert a USB flash drive or SD/MMC CARD.
3. Select the track which you want to copy and press **PLAY ▶** to begin playing the track.
4. Press the **REC** button during the playback of the copying track from CD and "ONE" will be flashing on the display.
5. Press the **REC** button again to confirm and then "WAITING" while the unit prepares for recording.
6. The unit will re-start to play the track. The REC icon and either the "USB" or "SD" icon will be flashing on the display. The file is now being copied to the storage device.
7. Once the copy process is completed, the unit will stop playback automatically.
8. The display will show "END" and go back to "CD" mode.

II) COPY 1 FOLDER (FOR MP3/WMA DISC ONLY)

1. Tap the **FUNCTION BUTTON** to select CD mode.
2. Insert a USB flash drive or SD/MMC CARD.
3. Press **ALBUM ▼** or **ALBUM ▲** to search for the folder you want to copy. Select the folder.
4. Press the **REC** button and "ONE" will be flashing on the display. Press the **SKIP UP ►►** / **SKIP DOWN ◄◄** button to select "DIR" on the display. Press the **REC** button again to confirm and then "WAITING" while the unit prepares for recording.
5. The unit will re-start to play the folder at the beginning. The REC icon and either the "USB" or "SD" icon will be flashing on the display. The folder is now being copied to the storage device
6. When the USB or SD icon stops flashing, it means that the folder copying is completed.

III) COPY ALL TRACKS

1. Tap the **FUNCTION BUTTON** to select CD mode.
2. Insert a USB flash drive or SD/MMC CARD.
3. Press the **REC** button and "ONE" will be flashing on the display. Press the **SKIP UP ►►** / **SKIP DOWN ◄◄** button to select "ALL" on the display. Press the **REC** button again to confirm and then "WAITING" while the unit prepares for recording.
4. The unit will re-start to play the disk at the beginning. The REC icon and either the "USB" or "SD" icon will be flashing on the display. All tracks are now being copied to the storage device.
5. When the USB or SD icon stops flashing, it means that the folder copying is completed.

SPLIT TRACK FUNCTION FOR USB/SD RECORDING FOR TURNTABLE/CASSETTE/AUX IN

1) MANUAL SPLIT OPERATION PROCEDURE:

During USB/SD recording, the USB/SD icon will flash on the display. If a new track is required, press **mode** button on the unit or remote control, display will show "TS", then the unit will stop recording momentarily and resume again. A new file will be created on the USB/SD device representing a new track.

2) AUTO SPLIT OPERATION PROCEDURE:

- Before USB/SD recording, select audio source, then press the **MODE** button on the unit or remote control. The display will show "T-ON", which means the auto split function is activated. Start USB/SD recording and the unit will automatically detect the silent part between each track, and create a new file to move on to start recording the next track.
- If not required: press the **MODE** button on the unit or remote control before USB/SD recording. The display will show "T-OFF", which means auto split has been deactivated.

NOTES:

- Recording with auto split mode can cause several seconds of the beginning track to be cut off when the new recording is being created. If you notice the beginning of the tracks are getting cut when recording, use manual split mode instead of auto split mode.
- Recording with auto split, during USB/SD recording from turntable / cassette, when the unit has detected any particular silent part, the turntable / cassette player will stop momentarily. The turntable / cassette player will resume operation once the USB/SD device has begun creating a new file to be recorded.

ID3 DISPLAY

During MP3 music playback, press the **ID3** button on the remote control, to show the ID3 information (if available) on the display. ID3 information can include the song title, artist name and album name during MP3 playback.

LINE-OUT CONNECTION

You can connect this unit to an external Hi-Fi / amplifier system by connecting the line-out RCA jacks to the auxiliary input jacks on your Hi-Fi / amplifier system with RCA cables (not included).

USING HEADPHONES OR EARBUDS (NOT INCLUDED)

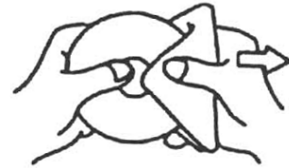
Inserting the plug of your headphones or earbuds into the HEADPHONES JACK will enable you to listen to the CD, Radio or Cassette music in private. When using headphones, the Built-in Speakers will be disconnected.

CAUTION:

- Avoid excessive volume levels for long period of time when using the earphones. Prolonged use at high levels may impair your hearing.
- 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

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.
6. 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.



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 ● key 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 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 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 barreled ballpoint pen, before inserting the cassette into the machine (see Fig.2)

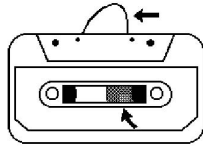


Fig.1

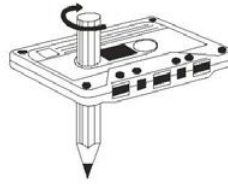


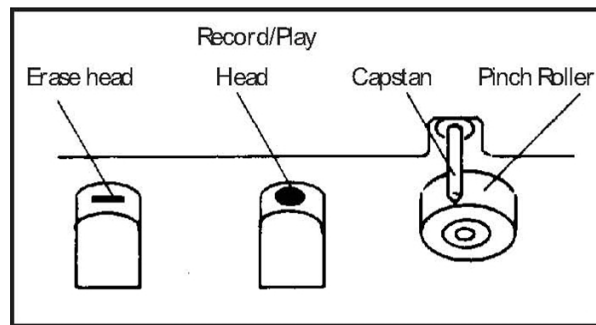
Fig. 2

- 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

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 CASSETTE STOP/EJECT ■ ▲ BUTTON (#5) to open the cassette door, and press the CASSETTE PLAY ▶ BUTTON (#8). 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 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 malfunction.

TROUBLE SHOOTING GUIDE

If you experience difficulties in the use of this clock radio, please check the following or call 1-800-777-5331 for Customer Service and support

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 wire 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. 	<ul style="list-style-type: none"> - tap TUNER/BAND button to select "AM" or "FM ST" position. - Increase Volume.
CD player will not play	<ul style="list-style-type: none"> - Volume set at minimum - 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"> - CD is dirty or scratched. 	<ul style="list-style-type: none"> - Wipe the CD with clean cloth or use another disc.
Intermittent sound from CD player	<ul style="list-style-type: none"> - Dirty or defective CD - Dirty pick up lens 	<ul style="list-style-type: none"> - Clean or replace the defective CD. - Use a CD lens cleaning disc to clean the lens.
No sound when playing cassettes	<ul style="list-style-type: none"> - Player is subject to excessive shock or vibration - Unit is not in TAPE function mode 	<ul style="list-style-type: none"> - Relocate the player away from shock or vibration. - Select TAPE mode
Sound distorted	<ul style="list-style-type: none"> - Volume at minimum - Dirty tape head 	<ul style="list-style-type: none"> - Increase volume - Clean the head
Speed varies	<ul style="list-style-type: none"> - Tape old or worn - Dirty roller and capstan - Prevention tab removed 	<ul style="list-style-type: none"> - Replace the tape - Clean roller and capstan - Cover hole with tape
Cassette Recorder will not record		
Distorted sound on playback	<ul style="list-style-type: none"> - Defective tape or dirty tape head 	<ul style="list-style-type: none"> - Replace tape or clean tape head
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.

SPECIFICATION

AC Adaptor: DC 15V \equiv 1.5A \diamond C \diamond
 Remote Control: 1 X 3V \equiv CR2025
 Frequency Range: AM 520 - 1710 kHz
 FM 87.5 - 108 MHz



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 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 **\$90.00** 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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