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AM/FM STEREO CD CASSETTE RECORDER



USER MANUAL **KT2028A**

CAUTION: Electrically Operated Product – Please use care when plugging into AC outlet.

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 lightning flash with arrowhead symbol, within an equilateral triangle is intended to alert the user to the presence of uninsulated dangerous voltage within the products enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

CAUTION

**RISK OF ELECTRIC SHOCK
DO NOT OPEN**

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



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.

The Caution Marking is located at the bottom of the unit.

IMPORTANT SAFETY INSTRUCTIONS

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Cleaning – Unplug this product from the wall outlet before cleaning, do not use liquid cleaners or aerosol cleaners. Clean only with dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not place this product on an unstable cart, stand, tripod, bracket, or table. The product may fall, causing serious injury to a child or adult, and serious damage to the product. Use only with a cart, stand, tripod, bracket, or table recommended by the manufacturer, or sold with the product. Any mounting of the product should follow the manufacturer's instructions, and should use a mounting accessory recommended by the manufacturer. A Product and Cart Combination Should Be Moved with Care – Quick stops, excessive force and uneven surfaces may cause the product and cart combination to overturn.
9. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
10. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
11. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
12. Only use attachments/accessories specified by the manufacturer.
13. Unplug this apparatus during lightning storms or when unused for long period of time.
14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
15. This appliance shall not be exposed to dripping or splashing water and that no object filled with liquids such as vases shall be placed on the apparatus.
16. Do not overload wall outlet. Use only power source as indicated.
17. Use replacement part as specified by the manufacturer.
18. The product may be mounted to a wall only if recommended by the manufacturer.
19. Upon completion of any service or repairs to this product, ask the service technician to perform safety checks.
20. Excessive sound pressure from earphones and headphones can cause hearing loss.
21. Battery shall not be exposed to excessive heat such as sunshine, fire or the like.



CAUTION

CLASS 1 LASER PRODUCT

CLASS 1 LASER PRODUCT
APPAREIL LASER DE CLASSE 1
PRODUCTO LASER DE CLASE 1

CAUTION
INVISIBLE LASER RADIATION
WHEN OPEN AND INTERLOCKS
DEFEATED.
AVOID EXPOSURE TO BEAM



This product contains a low power laser device.

Follow the advice below for safe operations.

ON PROTECTION AGAINST LASER ENERGY EXPOSURE

- As the laser beam used in this compact disc player is harmful to the eyes, do not attempt to disassemble the casing.
- Stop operation immediately if any liquid or solid object should fall into the cabinet.
- Do not touch the lens or poke at it. If you do, you may damage the lens and the player may not operate properly.
- Do not put anything in the safety slot. If you do, the laser diode will be "ON" when the CD door is still open.
- If the unit is not to be used for a long period of time, make sure that all power sources are disconnected from the unit. Remove all batteries from the battery compartment, and unplug the AC cord from the wall outlet. Make it a practice to remove the AC cord by grasping the main body and not by pulling the cord.
- 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

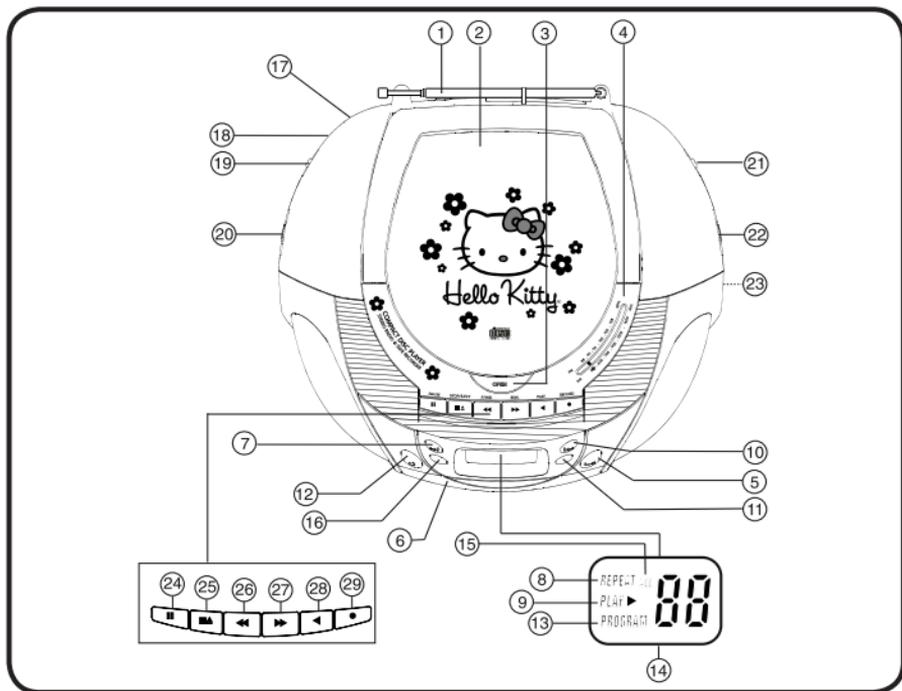
- Do not use the unit in places which are extremely hot, cold, dusty or humid.
- Place the unit on a flat and even surface.
- Do not restrict the air-flow of the unit by placing it in a place with poor ventilation, by covering it with a cloth or by placing it on a carpet.

ON CONDENSATION

- When left in a heated room where it is warm and damp, water droplets or condensation may form inside the unit.
- 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, remove the power source and refer servicing to qualified personnel.

FUNCTIONS AND CONTROLS



- | | |
|---------------------------------|------------------------------|
| 1. TELESCOPIC ANTENNA | 16. CD PROGRAM BUTTON |
| 2. CD COMPARTMENT LID | 17. AC INPUT SOCKET (AC IN~) |
| 3. CD OPEN BUTTON | 18. AUX IN JACK |
| 4. DIAL LENS | 19. FUNCTION/POWER SWITCH |
| 5. CD PLAY/PAUSE BUTTON ►► | 20. VOLUME CONTROL |
| 6. CASSETTE COMPARTMENT | 21. BAND SELECTOR |
| 7. CD SKIP BACKWARD BUTTON ◀◀ | 22. TUNING CONTROL |
| 8. REPEAT INDICATOR (REPEAT) | 23. BATTERY COMPARTMENT |
| 9. PLAY INDICATOR (PLAY ►) | 24. PAUSE BUTTON ◻◻ |
| 10. CD SKIP FORWARD BUTTON ►► | 25. STOP/EJECT BUTTON ◻▲ |
| 11. CD REPEAT BUTTON | 26. FAST FORWARD BUTTON ◀◀ |
| 12. CD STOP BUTTON ◼ | 27. REWIND BUTTON ►► |
| 13. PROGRAM INDICATOR (PROGRAM) | 28. PLAY BUTTON ◀ |
| 14. LCD DISPLAY | 29. RECORD BUTTON ● |
| 15. REPEAT ALL INDICATOR (ALL) | |

POWER SOURCE

This AM/FM STEREO CD Cassette Recorder operates on 8 x 'LR14' ('C') batteries (not included) or from AC 120V~ 60Hz line power supply.

A. BATTERY OPERATION

1. Remove the Battery Door.
2. Following the polarity diagram as shown in the battery compartment insert 8 x 'LR14' ('C') batteries then replace the Battery Door.
IMPORTANT : Be sure that the batteries are installed correctly. Wrong polarity may damage the unit.
3. Use only the size and type of batteries specified.
4. For better performance and longer operating time, we recommend the use of alkaline-type batteries.
5. Do not mix old and new batteries.
6. Do not mix alkaline, standard (carbon-zinc) or rechargeable (nickel-cadmium) batteries.
7. 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.
8. Do not try to recharge batteries not intended to be recharged; they can overheat and rupture. (Follow battery manufacturer's directions).
9. Do not dispose of batteries in fire, batteries may leak or explode.

B. AC OPERATION

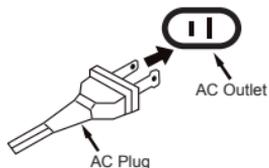
When the AC power cord (included) is connected to the AC INPUT Socket (# 17) at the back of the unit and the other end to a wall outlet with AC 120V ~ 60Hz power supply, the unit will disconnect the batteries automatically, and operate from AC power instead.

Note: plug is used as the disconnect device. The disconnect device shall remain readily operable.

In order to disconnect the apparatus from the mains completely, the mains plug should be disconnected from the mains socket outlet completely

IMPORTANT :

This unit has a polarized AC plug with one wide blade and one narrow blade. This plug will only fit into a matching polarized AC outlet. This is a safety feature to reduce the possibility of electric shock. If this plug will not fit in your AC outlet, you probably have an outdated non-polarized outlet. You should have your out-dated outlet changed by a qualified, licensed electrician. Do not file the wide blade on the plug, or use an adaptor to make the plug fit onto your outlet. This defeats the safety feature and could expose you to electric shock.



CD PLAYER OPERATION

Note: This player not only plays commercial CDs but also plays self-compiled CD-R/RW discs.

1. Set the Function/ Power Switch (# 19) to "CD" position. The player will display "- -".
2. Open the CD LID by pressing the CD OPEN Button (# 3). Carefully place an audio CD, with its label side upward, in the CD compartment and close the CD Door.
3. The total number of tracks on the CD will appear in the LCD Display (# 14) after a few seconds.
4. Press the CD PLAY/PAUSE **▶||** Button (# 5). The CD PLAY Indicator "PLAY ▶" will light and the CD will start playing from the first track.
5. Adjust the Volume Control (# 20) to obtain the desired sound level from the Built-in Speakers.
6. To suspend playing, press the CD PLAY/PAUSE **▶||** Button (# 5). The CD PLAY Indicator "PLAY ▶" will flash. To resume playing, press the CD PLAY/PAUSE **▶||** Button (# 5) again.
7. You can choose to play your favorite track directly by pressing either the CD Skip Forward **▶▶** Button (#10) or CD Skip Backward **◀◀** Button (#7). The LCD Display (#14) will indicate the correct track number selected.
8. To locate a particular passage within a track, keep the CD Search Forward **▶▶|** Button (#10) or CD Search Back ward **|◀◀** Button (#7) depressed until it is found.
9. To repeat a particular track, press the CD REPEAT Button (# 11) once or until the CD REPEAT Indicator "REPEAT" (# 8) lights.
10. To repeat the entire CD, press the CD REPEAT Button (# 11) twice or until the CD REPEAT Indicator "REPEAT ALL" (# 8,15) lights.
11. To stop playing, press the CD STOP **■** Button (# 12).
12. When you wish to turn off the CD PLAYER, set the Function/Power Switch (# 19) to "TAPE".



CD PROGRAMMED PLAY

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

1. In CD stop mode, press the PROGRAM Button (#16) once. The CD PROGRAM Indicator "PROGRAM" (# 13) will flash and "00" will appear and blink in the LCD Display (# 14) to prompt for input.
2. Press the CD Skip BACKWARD Button **◀◀** (#7) or CD Skip FORWARD Button **▶▶** (#10) to select the song to be programmed. For example track 8 is selected.
3. Press the PROGRAM Button (# 16) again to store the selection. The Program Channel No. will change to "00" and blink to prompt for Input.
4. Press the CD Skip Forward Button **▶▶** (#10) or CD Skip Backward Button **◀◀** (#7) to select the next song to be programmed and press the PROGRAM Button (#16) to store the selection. For example second selection is track 15.
5. You may repeat steps 2 - 4 to program as many as 20 tracks. The LCD Display (#14) will display "- -" after programming 20 tracks.
6. Press the CD PLAY/PAUSE **▶||** Button (# 5) to start playing in the programmed sequence. The PLAY Indicator "PLAY ▶" appears with the PROGRAM Indicator, "PROGRAM", flashing in the Display.
7. Adjust the Volume Control (# 20) to obtain the desired sound level from the Built-in Speakers.
8. To return to normal playback, in CD Stop mode press the PLAY/PAUSE **▶||** Button (#5) again.
9. When you wish to turn off the CD PLAYER, set the Function /Power Switch (# 19) to the "TAPE" position.



Note on CD-R/RW discs

- Because of non-standardized format definition/ production of CD-R/RW, playback quality and performance are not guaranteed.
- Manufacturer is not responsible for the playability of CD-R/RW due to recording conditions, such as PC performance, writing software, media ability, etc.
- Do not attach a seal or label to either side of the CD-R/RW disc. It may cause a malfunction.
- It is recommended to record only audio files on CD-R/RW discs for easy reading.

RADIO RECEPTION

1. Set the Function /Power Switch (# 19) to the "RADIO" position.
2. Set the Band Selector (# 21) to "AM" or "FM ST" for the desired radio band.
3. Turn the Tuning Control (# 22) to tune to your desired radio station.
4. Adjust the Volume Control (# 20) to obtain the desired sound level.
5. To turn the Radio off, set the Function /Power Switch (# 19) to the "TAPE" position.

TIPS FOR BEST RADIO RECEPTION

1. To insure maximum FM tuner sensitivity, the Telescopic Antenna (#1) should be fully extended and rotated to obtain the best possible reception.
2. When tuning in AM reception, to insure best AM sensitivity, try repositioning the unit until the best reception is obtained.

CASSETTE RECORDER OPERATION

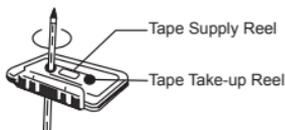
1. Set the Function /Power Switch (# 19) to the "TAPE" position.
2. Open the Cassette Door (# 6) by pressing the STOP/EJECT Button (# 25) and insert a pre-recorded cassette tape with the exposed tape facing upwards. Close the Cassette Door.
3. Press the Cassette Play ◀ Button (# 28) and adjust the Volume Control (# 20) to obtain the desired sound level.
4. Press the Cassette Pause Button (# 24) to suspend play. Press the same button again to resume.
5. Press the Cassette F. FWD ◀◀ Button (# 26) or the Cassette REW ▶▶ Button (# 27) to rapidly advance or rewind the tape.
6. Press the Cassette Record ● Button (# 29) to record either from the Radio or CD. Use the Function /Power Switch (# 19) to choose your signal source accordingly.
7. Press the STOP/EJECT Button ■ ▲ (# 25) to stop operation.

AUTOMATIC STOP

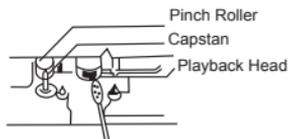
To protect your cassette tapes and prevent unnecessary wear to the pinch roll of the cassette mechanism, this unit is equipped with an Automatic Stop System. When the tape ends during play, the Cassette Play ◀ Button (#28) will automatically release to stop the cassette from running.

CASSETTE TAPE OPERATING TIPS

1. High quality tapes are recommended to obtain maximum quality reproduction from recordings.
2. Tapes with playing time of 120 minutes (C-120) are not recommended because they contain thinner and longer tape that has a greater chance to malfunction and jam, which may damage the cassette mechanism.
3. To obtain good reproduction, the head should be cleaned after every 10 to 20 hours of use. It is also recommended that the cassette be kept away from excessive heat or cold.
4. If there is slack in the tape, remove the slack prior to inserting the cassette. To remove the slack, insert a pencil into the hub and rotate clockwise as shown below:



5. A leader tape is provided at the beginning on each cassette. There is no recording on this area, so it is necessary to let the tape run for about five seconds to clear the head.
6. Keep the tape head clean since a dirty head can cause distorted sound or improper tape speed. Depress the Cassette Play ◀ Button (# 28) and use a small cotton swab with tape head cleaner or alcohol to clean the tape head, capstan and pinch roller as shown below:



AUX IN OPERATION

This CD Player provides the AUX IN JACK to enjoy your iPod, MP3 PLAYER MUSIC.

1. Connect the headphone jack of your external device and the AUX IN jack (# 18) located on the back of this CD player. (The connection cable is not included.)
2. Turn on the CD player and it will enter the AUX function mode once the AUX IN jack is plugged.
3. Start to play your iPod, MP3 player or other audio device.
4. Slowly adjust both the volume controls on your CD player and the external device.
5. Turn off your iPod, MP3 player etc. when finish listening. Turn the CD player off and unplug the AUX IN jack.

Remark: Once the AUX IN jack is plugged, the CD player will enter the AUX mode automatically no matter the FUNCTION/POWER Switch (# 19) is in RADIO, TAPE or CD mode.

Remember to disconnect the connection cable from the CD player after use in order to be able to listen to the RADIO, TAPE or CD player again.

CARE AND MAINTENANCE

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.



COMPLIANCE WITH FCC REGULATIONS

This equipment has been tested and found to comply with the limits for a Class B Digital Device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio 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.

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.

Symptom	Possible Cause	Solution
Noise or sound distorted on AM or FM broadcast	Station not tuned properly for AM or 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	Slide Function/Power Switch to RADIO position Increase Volume
CD player will not play	Unit not in CD function mode. CD is installed incorrectly. If the CD is self-compiled, the media used may not be compatible with the player. Batteries become exhausted	Select CD function mode. Insert CD with label side up. Use better quality blank media and retest. Replace all batteries with new ones.
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 in TAPE function mode Volume at minimum	Slide Function/Power Switch to TAPE Increase volume
Sound distorted	Dirty tape head	Clean the head
Speed varies	Tape old or worn Dirty roller and capstan	Clean the head Replace the tape Clean roller and capstan
Cassette Recorder will not record	Prevention tab removed	Cover hole with tape
Distorted sound on playback	Defective tape or dirty tape head	Replace tape or clean tape head

**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 **\$25.00** 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@spectrainl.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 below to enter your information.
<http://www.spectrainl.com/wform.htm>

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