

# naxa

## Home Stereo System Digital AM/FM CD

MODEL NS-423



### INSTRUCTION MANUAL

#### Operating Instructions



BEFORE OPERATING THIS PRODUCT, READ, UNDERSTAND,  
AND FOLLOW THESE INSTRUCTIONS.

Be sure to save this booklet for future reference.

# IMPORTANT

## SAFETY INSTRUCTIONS



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

### **CAUTION**

**RISK OF ELECTRIC SHOCK  
DO NOT OPEN**

CAUTION: 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 of the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

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

**WARNING :** TO REDUCE THE RISK OF FIRE  
OR ELECTRIC SHOCK, DO NOT  
EXPOSE THE APPLIANCE TO RAIN  
OR MOISTURE.

### **SAFETY CERTIFICATION**

This Compact Disc Player is made and tested to meet the safety standards of the Federal Communications Commission(FCC) and to comply with the safety performance requirements of the U.S. Department of Health and Human Services and with the Food & Drug Administration(FDA) Radiation performance Standards 21 CFR Subchapter J.

## **IMPORTANT INFORMATION REQUIRED BY THE FCC**

Since the Compact Disc (CD) circuitry may cause interference to other radios nearby, switch this set off when not in use or move it away from the affected radios.

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 undesirable 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 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 receiver is connected.

\*Consult the dealer or an experienced radio/TV technician for help

## **LASER SAFETY**

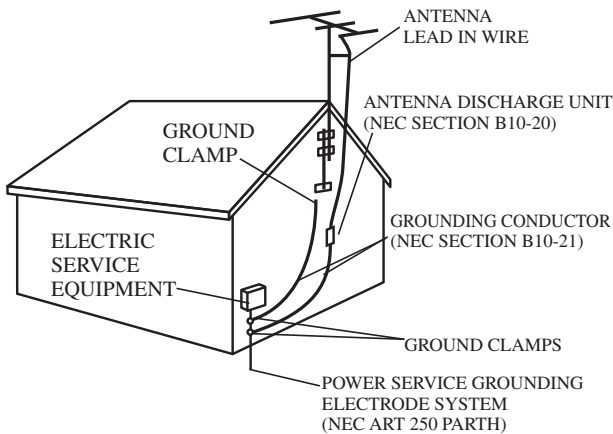
THIS SET EMPLOYS AN OPTICAL LASER BEAM SYSTEM IN THE CD MECHANISM DESIGNED WITH BUILT-IN SAFEGUARDS. DO NOT ATTEMPT TO DISASSEMBLE. EXPOSURE TO THIS INVISIBLE LASER LIGHT BEAM MAY BE HARMFUL TO THE EYES. THIS COMPACT DISC PLAYER SHOULD NOT BE ADJUSTED OR REPAIRED BY ANYONE EXCEPT QUALIFIED SERVICE PERSONNEL. ALTHOUGH THIS PRODUCT USES A LASER PICK-UP LENS, IT IS COMPLETELY SAFE WHEN OPERATED ACCORDING TO THE MANUFACTURER'S INSTRUCTIONS CONTAINED HEREIN.

1. **Read instructions** - All the safety and operating instructions should be read before the appliance is operated.
2. **Retain instructions** - The safety and operating instructions should be retained for future reference.
3. **Head Warnings** - All warnings and cautions on the appliance and in the operating instructions should be adhered to.
4. **Follow instructions** - All operating and use instructions should be followed.
5. **Water and Moisture**-The appliance should not be used near water, e.g. near a bathtub, washbowl, kitchen sink, laundry tub, in a wet basement, or near a swimming pool or the like.
6. **Wall or Ceiling Mounting** - The appliance should not be mounted to a wall or ceiling.
7. **Ventilation** - The appliance should be situated so that its location or position does not interfere with its proper ventilation. For example, the appliance should not be situated on a bed, sofa, rug or similar surface that may block the ventilation openings, or placed in a

- built-in installation, such as a bookcase or cabinet, that may impede the flow of air through the ventilation openings.
8. **Heat** - The appliance should be situated away from heat sources such as radiators, heat registers, stoves, or other appliances (including amplifiers) that produce heat..
  9. **Power Sources** - The product should be operated only with the type of power supply 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 operation instructions.
  10. **Grounding Polarization** - This product may be equipped with a polarized alternating current line plug (a plug having one blade wider than the other). This plug will fit into the power outlet only one way this is a safety feature. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug should still fail to fit, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the polarized plug.
  11. **Power-Cord Protection** - Power supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, convenience receptacles, and the point where they exit from the appliance.
  12. **Cleaning** - The appliance should be cleaned only as recommended by the manufacturer.
  13. **Nonuse periods** - The power cord of the appliance should be unplugged from the outlet when left unused for a long period of time.
  14. **Object and Liquid Entry** - Care should be taken so that objects do not fall and liquids are not spilled into the product case through product openings.
  15. **Damage Requiring Service** - Unplug this product from the wall outlet and take it to qualified service personnel under the following conditions.
    - a) When the power-supply cord or plug is damaged.
    - b) If liquid has been spilled into, 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 when used according to the operating instructions.  
Adjust only those controls that are covered by the operating instructions as an improper adjustment of other controls may interfere with the product's normal operation.
    - e) If the product has been dropped or damaged in any way.
    - f) When the product exhibits a distinct change in performance-this indicates a need for service.
  16. **Servicing** - The user should not attempt to service the product beyond that described in the operating instruction. All servicing should be referred to qualified service personnel.
  17. **Power Lines** - An outside antenna system should not be located in the vicinity of overhead power lines, or other electric light or power circuits, or where it can fall into such power lines or circuits. When installing an outside antenna system, extreme care should be taken to keep from touching power lines or circuits as contact with them might be fatal.
  18. If an outside antenna is connected to the receiver, be sure the antenna system is grounded so as to provide some protection against voltage surges and built up static. Section 810 of the National Electrical Code ANSI/NEFA 70 provides information with respect to proper grounding of the mast and supporting structure, grounding conductress, location of antenna-discharge unit, size of grounding electrodes, and requirements for the grounding electrode (see figure).
  19. **Cleaning** - Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.

20. **Lightning** - For added protection for this product during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the antenna or cable system. This will prevent damage to the product due to lightning and power-line surges.
21. **Safety Check** - Upon completion of any service or repairs to this product, ask the service technician to perform safety checks to determine that the product is in proper operation condition.
22. **Overloading** - Do not overload wall outlets, extension cords, or integral convenience receptacles as this can result in a risk of fire or electric shock.

**EXAMPLE OF ANTENNA GROUNDING AS PER NATIONAL ELECTRICAL CODE**



**SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE**

**CONDENSATION**

If coldwater is poured into a glass, water droplets form on the outside of the glass. This is called condensation. Condensation may also occur on internal operating parts of the laser pickup.

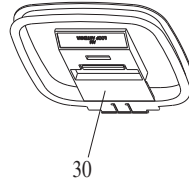
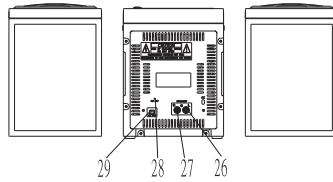
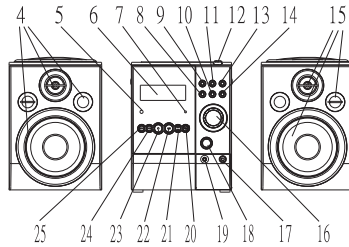
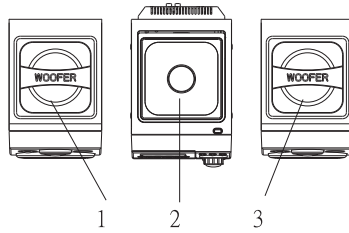
Condensation occurs:

- When the unit is brought from the outdoors into a warm room, or if it is in a cold room which is heated quickly.
- In the summer, if the unit is moved suddenly from an air-conditioned room or car to a hot or humid location.

The unit may not operate properly if condensation develops. Should condensation occur, wait for one to two hours (to allow the internal parts to adjust to the surrounding temperature) before using the unit.

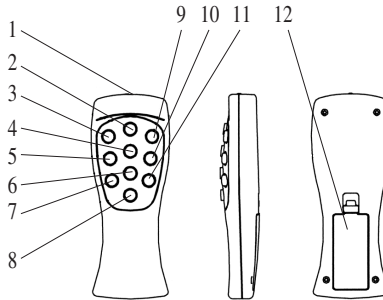
## LOCATION OF CONTROLS

1. LEFT WOOFER
2. CD DOOR
3. RIGHT WOOFER
4. LEFT SPEAKERS
5. SENSOR
6. LCD DISPLAY
7. FM STEREO LED INDICATOR
8. BAND (AM/FM) BUTTON
9. TIME BUTTON
10. VOL- BUTTON
11. HOUR BUTTON
12. CD DOOR OPEN BUTTON
13. MIN BUTTON
14. VOL+ BUTTON
15. RIGHT SPEAKERS
16. TUNING KNOB
17. STANDBY/ON BUTTON
18. CD/RADIO FUNCTION SWITCH
19. PHONES JACK
20. PROGRAM BUTTON
21. REPEAT BUTTON
22. PLAY/PAUSE BUTTON
23. STOP BUTTON
24. FAST-FORWARD BUTTON
25. REWIND BUTTON
26. LEFT SPEAKER OUTPUT JACK
27. RIGHT SPEAKER OUTPUT JACK
28. FM WIRE ANTENNA
29. AM ANTENNA JACK
30. AM ANTENNA



## REMOTE CONTROL

1. TRANSMIT LED
2. PLAY/PAUSE KEY
3. STOP KEY
4. SKIP ►►| KEY
5. VOL. + KEY
6. SKIP|◄◄ KEY
7. VOL. - KEY
8. BAND (AM/FM) KEY
9. POWER KEY
10. REPEAT KEY
11. PROGRAM KEY
12. BATTERY COMPARTMENT (FOR REMOTE CONTROL)



Insert two(2) “AAA” /1.5V batteries following the polarity as indicated in the compartment to the right. Alkaline batteries are recommended for **long** using time.

**Note:** when planning not to use the remote control for a long time. Remove the batteries in order to avoid the electrolyte leakage.

## **UNIT POWER SUPPLY ( mains 120V/60Hz)**

**Connect the power cable plug to the (120V/60Hz) wall outlet.**

### **Warning:**

Before using the unit. Check that the local mains supply is compatible with the HI-FI System (120V 60Hz)

Do not plug or unplug the power cable when your hands wet.

When planning not to use this unit for long periods of time(i.e, Vacation etc.) disconnect the plug from the wall outlet.

When disconnecting the power cord from the wall outlet , grasp the plug; do not pull the cord in order to avoid shock risks caused by the damaged cable.

### **HEADPHONE JACK**

This unit will accept stereo headphones with a  $\Phi$  3.5mm plug. Before connecting the headphones set the volume to minimum level as not to damage your ears or the headphones. Connect the headphones to the headphones jack. The speakers will be automatically disconnected.

Warning: Prolonged exposure to high sound levels may permanently damage your hearing. You may not hear some warning sound while wearing these headphones.

### **VOLUME**

Press VOL- or VOL+ to adjust the volume to the desired level.

VOL- : to decrease the volume;

VOL+ : to increase the volume.

### **LISTENING TO THE RADIO**

1. Press **CD/RADIO FUNCTION SWITCH** up to **RADIO** position.
2. Press **STANDBY/ON** button to turn on the unit.
3. Press the **Band (AM/FM) Button** to select AM or FM.
4. Turn **TUNING Knob** to tune in desired Radio station.
5. To turn off Radio, Press **STANDBY/On Button** to turn off the unit.

Note: While in the Radio Mode, the display will indicate as Frequency.

### **ANTENNAS**

An AM antenna is built outside the unit.

For better reception , FM wire antenna shall be fully untied and adjusted well

### **CLOCK SETTING**

In power off (standby) mode:

Press and hold **Time button** to set the clock

Press **Hour Button** or **Min Button** respectively

## **OPERATION OF CD PLAYER**

### **PLAYING A CD**

1. Press CD DOOR OPEN BUTTON to open the CD door.
2. Insert a CD with the label facing up
3. Close the CD Door.
4. Press **CD/RADIO FUNCTION SWITCH down to** CD position and press STANDBY/ON button to turn on the unit.
5. Press **PLAY/PAUSE** BUTTON to start CD playback from the first track.
6. Press one more **PLAY/PAUSE** BUTTON to momentarily pause
7. To stop the playback, Press **STOP** BUTTON.

### **SKIPPING TRACKS**

Press during play.

Backward-----SKIP - BUTTON

Fast Forward-----SKIP + BUTTON

Press SKIP - button twice to skip to the beginning of the previous track.

### **SEARCHING TRACKS**

Press and hold during play

Backward-----SKIP - BUTTON

Fast Forward-----SKIP + BUTTON

### **PROGRAMMED PLAYBACK**

Up to 20 tracks can be programmed into play in any desired sequence.

1. Press CD DOOR OPEN BUTTON to open the CD door.
  2. Insert a CD with the label facing up
  3. Close the CD Door
  4. Press **CD/RADIO FUNCTION SWITCH down to** CD position, and press STANDBY/ON button to turn on the unit.
  5. Press **Program button** until "PROG 01" flashes in display.
  6. Press **SKIP + button** or **SKIP - button** to select a desired track to be memorized.
  7. Press **Program button** to program the track.
  8. Repeat steps 6 and 7 to program tracks.
  9. Press **PLAY/PAUSE** button to start playing.
- To cancel program play, Press **STOP** button two times.

### **REPEAT PLAY**

To Repeat Single Track

Press REPEAT button while the track you want to repeat is playing. The "REP" flashing will appear in display.

-----To repeat another track, Press SKIP - button or SKIP + button.

-----To cancel repeat play, Press **REPEAT button** two times.



### To Repeat all the tracks

Press REPEAT button twice during play. The “**REP**” indicator will appear in display steadily.

-----All tracks will be played through in sequence and then the sequence will be repeated continuously.

-----To cancel repeat play, press **REPEAT** button one time.

### **TROUBLESHOOTING GUIDE**

You experience a problem with this unit check the chart below before calling of service.



Handle a disc only by its edges. Do not touch the surface or rainbow-colored side of the disc.



Handle a disc as shown in the two illustrations indicated (to the left).



Use a soft cloth to wipe a disc clean. Do not use benzene, thinner, or other chemical cleaners to clean the disc as damage may result.



Do not expose a disc to direct sunlight, high humidity, or high temperatures for extended periods of time. Do not place the disc on other equipment or near any heat source.

SYMPTOM	CAUSE	SOLUTION
CD Play will Not turn on	<ul style="list-style-type: none"> <li>● AC cord not connected properly</li> </ul>	<ul style="list-style-type: none"> <li>● Reinsert the AC cord</li> </ul>
Disc will not Play	<ul style="list-style-type: none"> <li>● Disc inserted incorrectly</li> <li>● Defective compact disc</li> <li>● CD compartment not closed</li> <li>● Moisture condensation on disc</li> </ul>	<ul style="list-style-type: none"> <li>● Reinsert disc with label side facing up</li> <li>● Try another compact disc</li> <li>● Close CD compartment</li> <li>● Wipe disc with soft cloth</li> </ul>
Erratic CD playback	<ul style="list-style-type: none"> <li>● Dirty or defective disc</li> </ul>	<ul style="list-style-type: none"> <li>● Clean or replace disc</li> </ul>
No sound	<ul style="list-style-type: none"> <li>● SPEAKER plug not inserted properly</li> <li>● Volume control set to minimum</li> <li>● Defective compact disc</li> </ul>	<ul style="list-style-type: none"> <li>● Reinsert SPEAKER cord into SPEAKER OUTPUT jack</li> <li>● Increase the volume</li> <li>● Try another compact disc</li> </ul>
Noise or Sound distorted on radio	<ul style="list-style-type: none"> <li>● Station not tuned properly for AM or FM</li> <li>● Unit is not positioned correctly</li> </ul>	<ul style="list-style-type: none"> <li>● Retune AM or FM broadcast station</li> <li>● Rotate unit until best reception is obtained</li> </ul>

## **CARE AND MAINTENANCE**

### **CARING FOR COMPACT DISCS**

- To keep the CD clean, handle it by its edge. Do not touch the surface.
- Do not stick paper or tape onto the CD
- Do not expose the CD to direct sunlight or heat sources such as holt air ducts.  
Do not leave the CD in a car parked under direct sunlight.

### **Cleaning the Unit**

- To prevent fire or shock hazard , disconnect your unit from the AC power source when cleaning.
- The finish on your unit may be cleaned with a dust cloth and cared for as other furniture .Use caution when cleaning and wiping the plastic parts.
- Mild soap and a damp cloth may be used on the front panel.