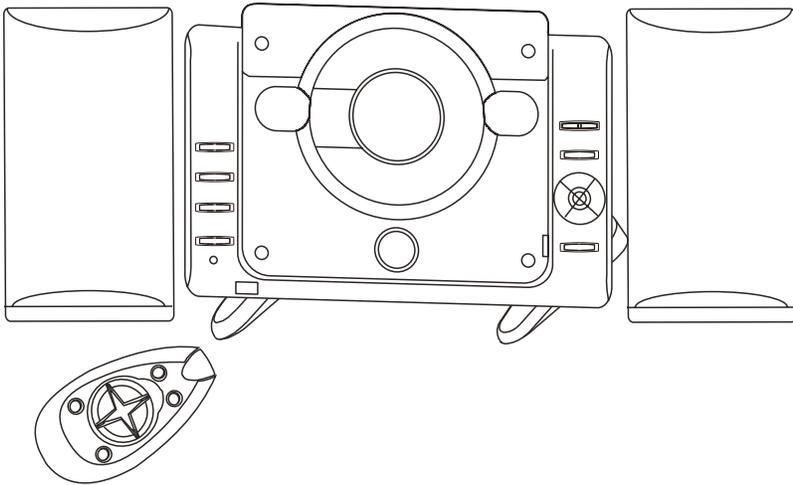


DIGITAL CD MICRO SYSTEM WITH PLL AM/FM STEREO RADIO



INSTRUCTION MANUAL

Please read this manual carefully before operation.

PRECAUTIONS

	CAUTION WARNING: SHOCK HAZARD. DO NOT OPEN. AVIS: RISQUE DE CHOC ELECTRIQUE. NE PAS OUVRIR	
CAUTION: TO REDUCE THE RISK OF FIRE AND ELECTRIC SHOCK, DO NOT REMOVE THE COVER (OR BACK) OF THE UNIT. REFER SERVICING ONLY TO QUALIFIED SERVICE PERSONNEL.		



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's enclosure that may be of sufficient magnitude to constitute a risk of electric shock.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operation and servicing instructions in the literature accompanying the appliance.

For Customer Use:

Enter below the serial number that is located on the unit. Retain this information for future reference.

Model No. _____ NS-435 _____

Serial No. _____

WARNING:

To prevent fire or shock hazard, do not expose this device to rain or moisture. Dangerous high voltage is present inside the enclosure. Do not open the cabinet.

CAUTION:

To prevent electric shock, match wide blade of plug to wide slot of outlet and fully insert.

WARNING:

Handling the cords on this product will expose you to lead, a chemical known to the State of California to cause cancer, and birth defects or other reproductive harm. ***Wash hands after handling.***

PROTECT YOUR HEARING:

Hearing experts advise against the constant use of personal stereos played at high volume. Constant exposure to high volumes can lead to hearing loss. If you should experience ringing in the ears or hearing loss, discontinue use and seek medical advice.

PRECAUTIONS

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.

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 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 the power source is disconnected from the unit. Unplug the AC plug from the wall outlet. Make it a practice to remove the AC plug 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 the unit stand 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.

IMPORTANT SAFETY INSTRUCTIONS

1. Read these instructions - All the safety and operating instructions should be read before the appliance is operated
2. Keep these instructions - The safety and operating instructions should be kept for future reference.
3. Heed all warnings - All warnings on the appliance and in the operating instructions should be adhered to.
4. Follow all instructions - All operation and use instructions should be followed.
5. Do not use this apparatus near water - The appliance should not be used near water; for example, near a bathtub, washbowl, kitchen sink, laundry tub, in a wet basement, or near a swimming pool, and the like.
6. Clean only with dry cloth - The appliance should be cleaned only as recommended by the manufacturer.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions. - 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. Do not install near any heat sources such as radiators, heat registers, stoves or other apparatus (including amplifiers) that produce heat.
9. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
10. Only use attachments / accessories specified by the manufacturer
11. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. 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 periods of time.
13. Power Sources - The appliance should be connected to a power supply only of the type described in the operating instructions or as marked on the appliance. Do not overload wall outlet.
14. Wall and Ceiling Mounting - The appliance should be mounted to a wall or ceiling only as recommended by the manufacturer.
15. Power Lines - An outdoor antenna should be located away from power lines.
16. Object and Liquid Entry - Care should be taken so that objects do not fall and liquids are not spilled into the enclosure through openings.
17. 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.
18. Servicing - The user should not attempt to service the appliance beyond that described in the operating instructions. All other servicing should be referred to qualified service personnel.



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.

CD CARE & MAINTENANCE

Handling CDs

Hold a CD by its edges. Avoid touching the recorded side of the disc. To remove a CD from its storage case, press down on the center retention mechanism of the case and lift the disc out.

Cleaning CDs

Use a dry, soft cloth to wipe off any fingerprints and dusts from the playing surface of the disc. Wipe in a straight line radially from the center to the outside edge of the disc. Small dust particles and light stains will not affect playback quality.

- ✦ Never use chemicals such as record sprays, anti-static sprays, benzene, or thinners to clean your CDs.
- ✦ To reduce the risk of scratches, always put CDs back in their case after use.
- ✦ Do not subject CDs to prolonged exposure to direct sunlight, high humidity, or high temperatures.
- ✦ Do not place stickers or labels on either side of the CD.

Cleaning the CD Player Lens

A dirty lens can cause CD playback to skip. If the lens is very dirty, the CD may not work at all. Unplug the power supply, open the CD door, and clean the lens as follows:

- ✦ For Dust or Dry Particles - use a camera lens brush/blower to blow on the lens a few times. Then, wipe the lens gently with the brush, and blow on the lens once more.
- ✦ For Fingerprints - use a dry cotton swab to wipe the lens in a straight line radially from the center to the outside edge.

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PACKAGE CONTENTS

Please make sure the following items are included in the package. If any items are missing, contact your local dealer.

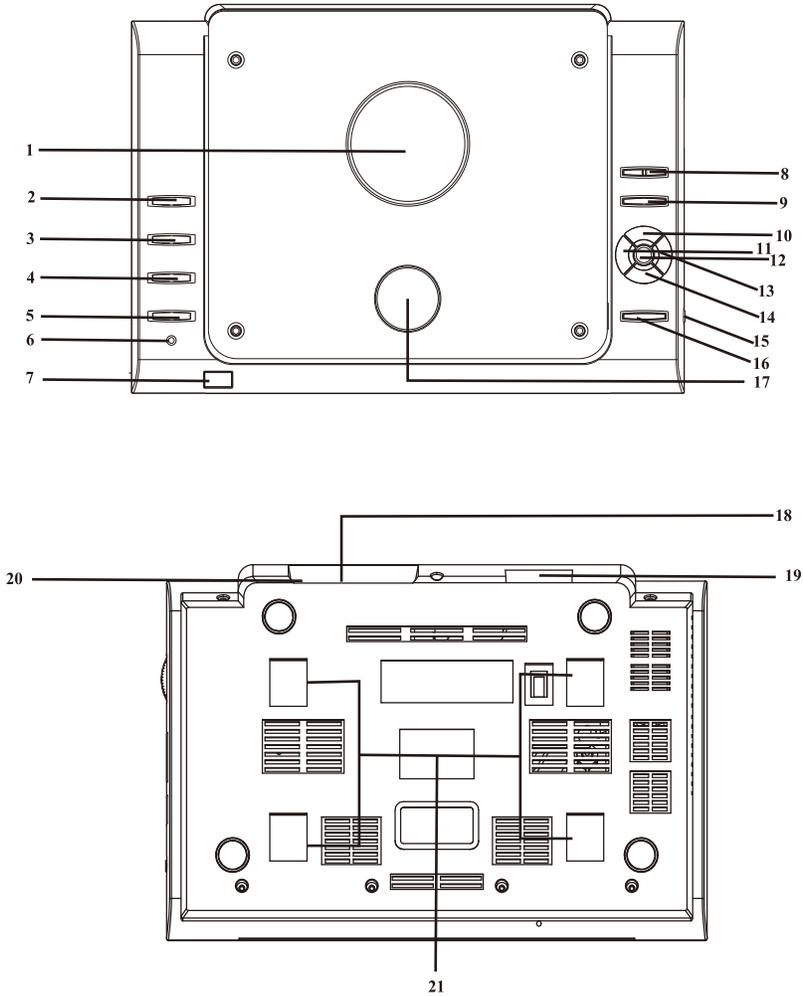
- ✦ NS-435 Main Unit
- ✦ Stereo Speakers (x 2)
- ✦ Remote Control
- ✦ 3.5mm male-to-male Line-in Cable
- ✦ Mounting Plate with Screws (4X10 PWA)
- ✦ Pedestal Base

FEATURES

- ✦ Vertical Loading CD Player
- ✦ Multi-Function Backlit LCD Display
- ✦ Electronic Volume Control
- ✦ Digital AM/FM Stereo Tuner
- ✦ Full-Range Speaker System
- ✦ 120V/60Hz Voltage

GETTING STARTED

NS-435 at a Glance



GETTING STARTED

Bottom View

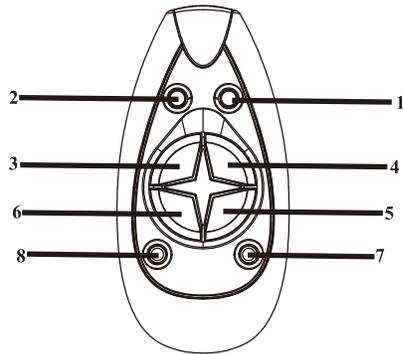
18. AC Power Cord
19. Speaker Out Jacks (Left, Right)
20. FM Antenna Lead
21. Mounting Slots

Top View

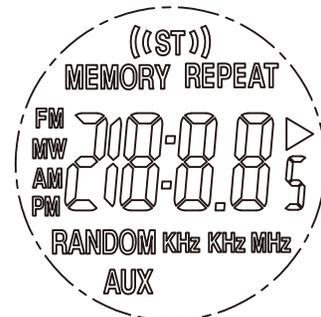
1. CD Door
2. EQ Button
3. Random/M-DN Button
4. Function Button
5. Power/Standby
6. Standby Indicator
7. Remote Sensor
8. Volume Down / Up
9. Repeat/M-UP Button
10. Play/Pause/FM.ST Button
11. Previous 
12. Stop  / Band Button
13. Next 
14. Program 
15. Auxiliary Line-In Jack
16. Open CD Door 
17. LCD Display

Remote Control

1. Power
2. Function
3. Play/Pause/FM.ST
4. Stop/Band
5. Next
6. Previous
7. Volume Up
8. Volume Down



Digital Display

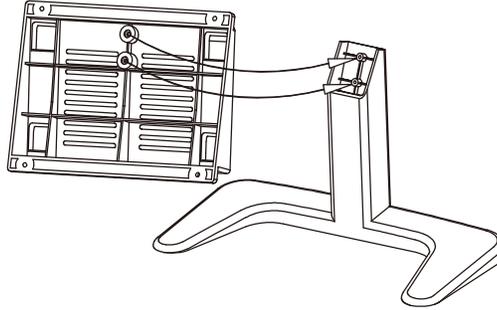


GETTING STARTED

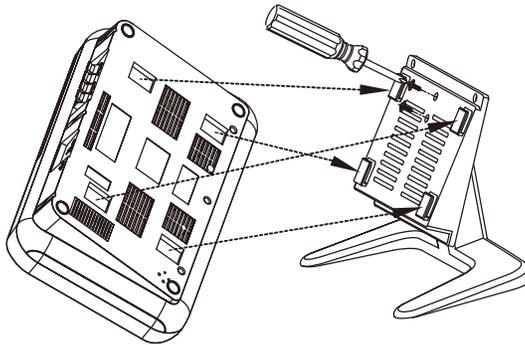
Mounting the NS-435

1 . To mount the unit to the stand

- A. Seat the mounting bracket on the stand while making sure that the screw hole positions are aligned with each other (refer to the drawing below).



- B. Use two of the included screws to fix the bracket to the stand. Mount the unit onto the bracket by aligning the 4 slots on the bottom of the unit with the 4 hooks of the bracket.

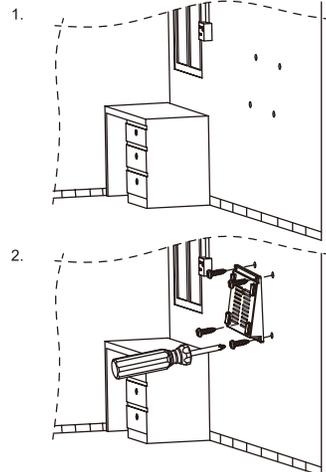


2. To mount the unit to the wall

- A. Mark 4 points on the wall and then drill holes at each point. (Use the mounting bracket and a level as a guide when marking the points.)
B. Fix the bracket to the wall with 4 screws.
C. Mount the unit onto the bracket by aligning the 4 slots on the bottom of the unit with the 4 hooks of the bracket.

Note:

If mounting onto drywall, you will need to install drywall anchors before screwing the bracket into the wall.



GETTING STARTED

Connections

Speakers

Always connect the speakers before connecting the power supply.

- ✦ Connect the black wire of the left speaker to the black terminal marked “L-” on the rear of the main unit.
- ✦ Connect the red wire of the left speaker to the red terminal marked “L+” on the rear of the main unit.
- ✦ Connect the black wire of the right speaker to the black terminal marked “R-” on the rear of the main unit.
- ✦ Connect the red wire of the right speaker to the red terminal marked “R+” on the rear of the main unit.

Auxiliary (optional)

- ✦ Use a 3.5mm male-to-male line-in cable to connect the line-out or headphone out jack of an audio device to the NS-435 Auxiliary Line-In jack.

Power

This unit runs on AC 120V power.

1. Plug the power cord into an AC wall socket.
2. Press POWER to turn the player on.

CD MODE

Basic Operation

1. Press POWER to turn the player on.
2. To open the CD Door, press **OPEN**. Insert a CD with its label facing up. Close the CD Door (it will click into place).
3. Press the FUNCTION button until the unit is set to “CD” mode.
4. Press  to start CD playback.

CD Functions

Play/Pause/Stop

- ✦ Press  to start playback.
- ✦ Press  during playback to pause. Press  again to resume playback.
- ✦ Press  during playback to stop the disc.

Previous/Next (Skip)

- ✦ Press  to skip to the previous track.
- ✦ Press  to skip to the next track.

Reverse/Forward (Scan)

- ✦ Press and hold  to scan through the current track in a reverse direction.
- ✦ Press and hold  to scan through the current track in a forward direction.

Equalizer Presets

Press **EQ** button to cycle through the equalizer preset options:
Flat - Classic - Rock - Pop - Jazz.

CD MODE

Repeat/Random Mode

Press **Repeat/M-UP** button to set the repeat mode of the player. Each successive press of **Repeat/M-UP** button will change the mode as follows:

- ✦ Repeat One: repeat the current track (flashing REPEAT display)
- ✦ Repeat All: repeat the entire CD (steady REPEAT display)
- ✦ Normal/Off: play all tracks in sequential order (no indicator)

Press **Random/M-DN** button to set the random mode of the player.

- ✦ Random: play all tracks in random sequence (steady RANDOM display)

Note: To cancel Random play, press the **Random/M-DN** button again until random disappears.

Program (Memory)

Press Program to set a custom sequence of up to 20 tracks to be played.

1. Press  to stop playback.
2. Press  to enter Program mode.
3. Press  or  to select a track and then press  to store it in memory.
4. Repeat Step 3 until you have completed storing the program, or when you have stored 20 tracks.
5. Press  to start program playback. To cancel program playback, press  or open the CD Door.

RADIO MODE

Basic Operation

1. Press **POWER** to turn the player on.
2. Press the **FUNCTION** button until the unit is set to “Radio” mode.
3. Press **Stop/Band** button to select:
 - ✧ AM: Listen to AM broadcasts.
 - ✧ FM: Listen to FM Mono broadcasts (use this setting if reception is weak).
4. Press **Play/Pause/FM.ST** button to listen to FM Stereo broadcasts. The FM.ST indicator will show on the LCD display when a FM Stereo broadcast is being received.

Tuning

- ✦ Press the AM/FM arrow  to tune to a lower station frequency.
- ✦ Press the AM/FM arrow  to tune to a higher station frequency.

Reception

- ✦ For FM broadcasts, extend the FM antenna fully and adjust its position for best reception.
- ✦ For AM broadcasts, the unit should be positioned for best signal strength (the AM antenna is built into the unit).

Saving Radio Stations

1. Press the  button on the unit.
2. Press the M-UP or M-DN button to select a memory channel for the current radio station.
3. Press  or  to select your desired station.
4. Press  button to confirm it.
5. To cycle through saved radio stations, press the M-UP or M-DN button.

AUX MODE

Auxiliary (Aux) mode allows you to play any audio device (e.g., MP3, cassette player, etc.) through your NS-435 system.

Basic Operation

1. Use a 3.5mm male-to-male line-in cable to connect the Line-out or Headphone out jack of an audio device to the NS-435 Auxiliary Line-In jack.
2. Press POWER to turn the player on.
3. Press the FUNCTION button until the unit is set to “AUX” mode.
4. Start playback on the external audio device.
 - ✧ You must use the external audio device to control playback.
 - ✧ To avoid distortion, do not set the volume from the external audio device to very high levels.

SETUP MODE

Clock/Display

1. Place in the player in Standby mode (press POWER if the player is currently on). The time will be displayed when the player is in Standby.
2. Press **PROGRAM** to enter Setup mode. The 12H/24H setting will flash. Press **◀◀** or **▶▶** to change the setting.
 - ◇ 12H: Displays the time in 12-hour time.
 - ◇ 24H: Displays the time in 24-hour time.
3. Press **PROGRAM**. The hour setting will flash. Press **◀◀** or **▶▶** to change the setting.
4. Press **PROGRAM**. The minutes setting will flash. Press **◀◀** or **▶▶** to change the setting.
5. Press **PROGRAM** once more to save your changes.

TROUBLESHOOTING

The sound is distorted.

- ✦ The unit may be positioned too closely to a large appliance (e.g. a TV or refrigerator). If possible, turn the appliance off or move the unit to another location.
- ✦ Ensure that the radio is in broadcast reception range.
- ✦ Decrease the volume level.

The remote control doesn't work.

- ✦ Ensure that there are no obstacles between the remote and the player.
- ✦ Point the remote at the remote sensor on the main unit.
- ✦ Strong light (e.g. direct sunlight, fluorescent lights, strobe lights) may interfere with the remote signal.
- ✦ Ensure that the batteries in the remote retain a charge and have been installed correctly.
- ✦ Try replacing the remote's batteries.

The CD will not play.

- ✦ Ensure that the CD has been loaded with its label facing up.
- ✦ Ensure that the CD is not damaged, scratched, or dirty.

Playback is "skipping".

- ✦ Ensure that the CD is not damaged, scratched, or dirty.
- ✦ Ensure that the unit has been installed in a stable location to avoid vibration and shock.

The player will only play one track, repeatedly.

- ✦ Ensure that REPEAT mode is off (press REPEAT to cancel).

The Function mode is not working.

- ✦ Ensure that the CD Compartment Lid is closed.
- ✦ Try switching off and unplugging your unit, leaving it for two or three minutes and then turning it back on again.

SPECIFICATIONS

Power Supply	AC 120V/60Hz (Voltage)
Power Consumption	17W (MAX)
Tuning System	AM: 520 - 1710kHz FM: 87.5 - 108MHz
Audio Output	Stereo Speakers (x2)
Audio Input	3.5mm Aux Line-In
Output Power	2.2W RMS x 2
Speaker Dimensions	4.33" x 8.07" x 6.38" (WHD)
Unit Dimensions	11.46" x 3.03" x 7.91" (WHD)
Net Weight	6.28 lbs

Specifications and manual are subject to change without notice.

If you have problems with your headset, please consult the instructions in this manual, as well as the latest news, alerts, and documentation which can be found by visiting us on the web at www.naxa.com. If you need further assistance, please contact Naxa Technical Support.

NAXA Technical Support
2320 East 49th St.
Vernon, CA 90058
http://www.naxa.com/naxa_support/