Portable MP3/CD/USB Player with Stereo Radio & Cassette Recorder

NPB-428

Instruction Manual

Please read carefully before use and keep for future reference.

Table of Contents

Thank You

We know you have many choices when it comes to technology; thank you for choosing us here at Naxa Electronics. Established in 2001 in Los Angeles, California, we are dedicated to delivering products that entertain and delight.

We trust that you will be happy with your purchase. Please read this manual carefully and save it for reference. You may also find the latest FAQ, documentation, and other product material at our website. Come visit us on the web at **www.naxa.com** and see all that we have to offer!

In the Box

Please take a moment to make sure that you have everything in the list below. Although we make every effort to ensure that each Naxa device is securely packed and sealed, we know a lot can happen in between us and you. If anything is missing, check back with your local retailer to get immediate assistance. If they cannot help you, please contact our Naxa Support team at **www.naxa.com/naxa_support**.

- NPB-428 MP3/CD/USB player
- Remote control
- AC power cable
- User manual

Before You Start

Please take note of the following before you start.

- Do not block the ventilation openings or holes.

- Avoid installing the unit in locations described below:

  - Places exposed to direct sunlight or close to heat radiating appliances (such as electric heaters, or on top of other stereo equipment that radiate heat).

  - Places lacking ventilation or dusty places.

  - Places subject to constant vibration.

  - Places that are humid or moist.

- Operate turning controls and switches as instructed in manual.

- Before turning on the power for the first time, make sure that the power cord is properly installed.

- Store your tapes or CD in a cool area to avoid damage from heat.

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO DOT REMOVE COVER (OR BACK). NO USER SERVICEABLE PARTS INSIDE, REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

WARNING: Remove batteries if exhausted or if they will not be used again for a long period. The incorrect use of batteries can cause electrolyte leakage and will corrode the compartment or cause the batteries to burst, therefore:

- Do not mix battery types, e.g., alkaline with zinc carbonate.

- When inserting new batteries, replace all batteries at the same time.

At a Glance

Main Unit
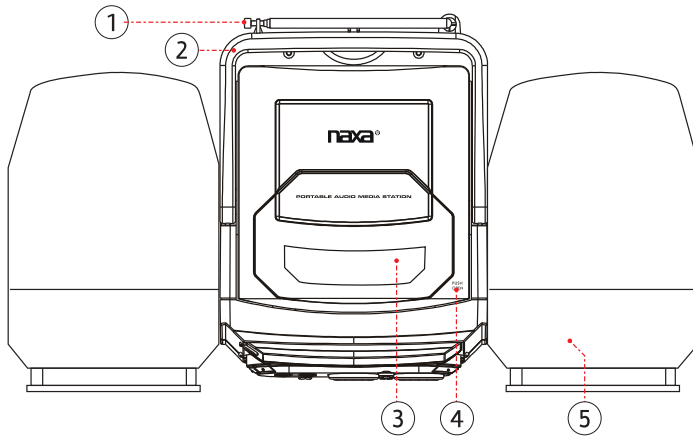
1	Antenna	Extend the antenna fully and ad-just its position to optimize radio reception.
2	Handle	Raise the handle to transport the unit safely and easily.
3	CD compartment	Load compact discs here. The label side should face up.
4	CD door latch	Press here to open/close the door of the CD compartment [3]. **Never open the compartment while a CD is playing or spinning!**
5	Speakers	Full-range drivers deliver powerful stereo sound.
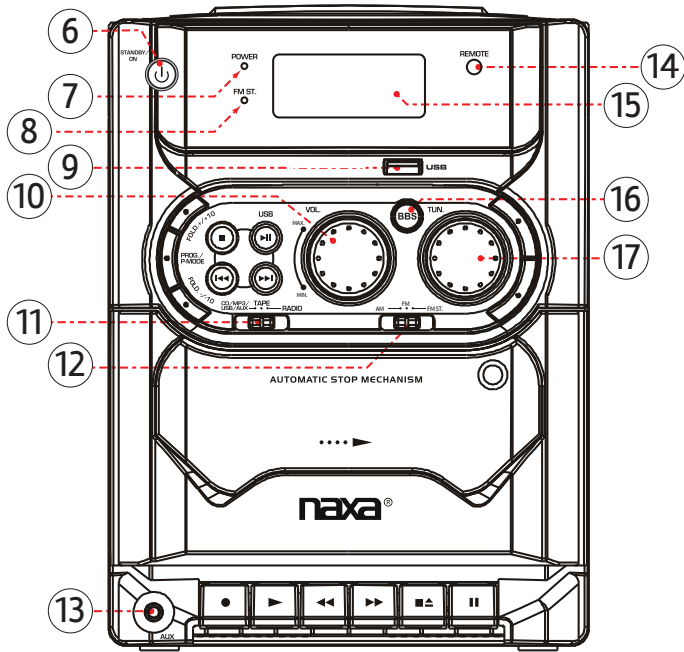
6	STANDBY key (Power)	Press to turn the player on or off.
7	Power indicator	Lights up when power is on.
8	FM ST. indicator	Lights up when the radio is tuned to an FM stereo signal.
9	USB port	Load USB memory sticks here. The USB port is designed for music playback from flash memory devices. It is not designed to charge high-power devices.
10	VOLUME dial	Turn to adjust the volume level.
11	FUNCTION switch	Set the switch to the position of the desired function mode.
12	BAND switch	Set the switch to the desired radio band.
13	AUX Input jack	Play audio from a device that is connected to this 3.5mm input jack.
14	Remote sensor	Detects signals from the remote control.
15	LCD screen	Displays player status information.
16	BBS key	Press to enable/disable bass boost.
17	RADIO TUNING dial	Turn the dial to tune to a radio station.
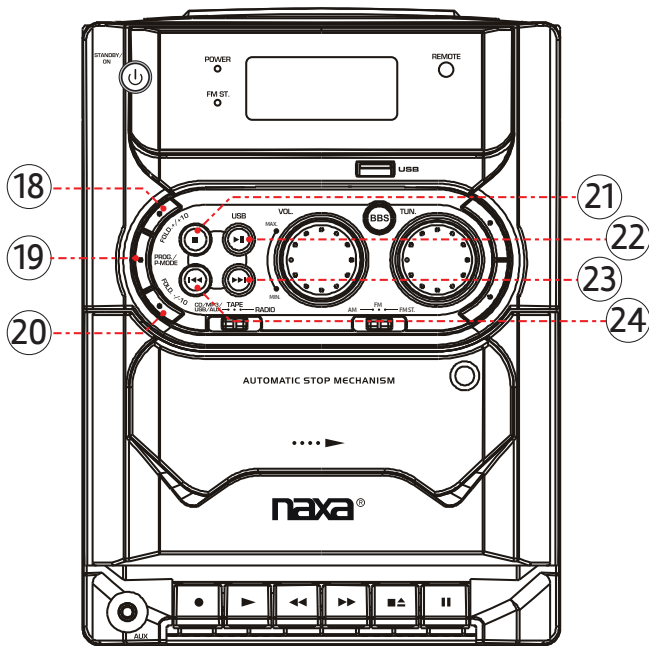
18	FOLD+/ +10 key	FOLD+: Skip to the next folder (MP3 only).
		+10: Press to skip 10 tracks forward.
19	PROG/ P–MODE key	Program: Create a custom CD/MP3/USB playlist. Press to enter Program mode.
		P–MODE: Play mode. Press to change the CD/MP3/USB repeat/playback mode.
20	FOLD–/ –10 key	FOLD–: Skip to the previous folder (MP3 only).
		–10: Press to skip 10 tracks back.
21	■ key	Stop: Press to stop CD/MP3/USB playback.
22	▶II / USB key	Play/Pause: Press to start, pause, or re–sume CD/MP3/USB playback.
		USB: Press and hold to switch to USB mode.
23	▶▶I key (Next/ Forward)	Next: Press to skip to the next track.
		Forward: Press and hold to scan quickly forward through the current track.
24	I◀◀ key (Previous/ Reverse)	Previous: Press to skip to the previous track.
		Reverse: Press and hold to scan quickly in reverse through the current track.
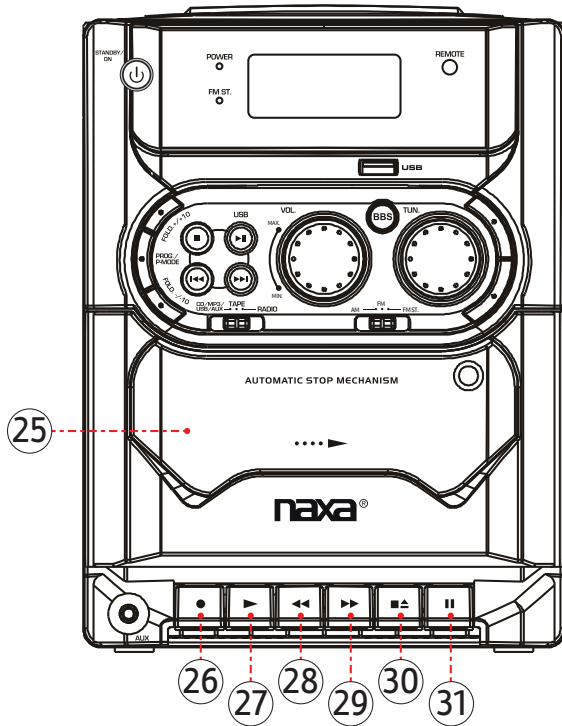
25	Cassette compartment	Load cassette tapes for playback or recording.
26	TAPE ● key	Record: Press down together with the ▶ key [27] to start recording.
27	TAPE ▶ key	Play: Press play to start tape playback.
28	TAPE ◀◀ key	Rewind: Press to rewind the tape when playback is stopped.
29	TAPE ▶▶ key	Fast-forward: Press to fast forward through the tape when playback is stopped.
30	TAPE ■▲ key	Stop: Press to stop tape playback. Eject: When playback is stopped, press to open the cassette compartment [25].
31	TAPE ❚❚ key	Pause: Press to pause tape playback or recording. Depress the key again to resume playback or recording.
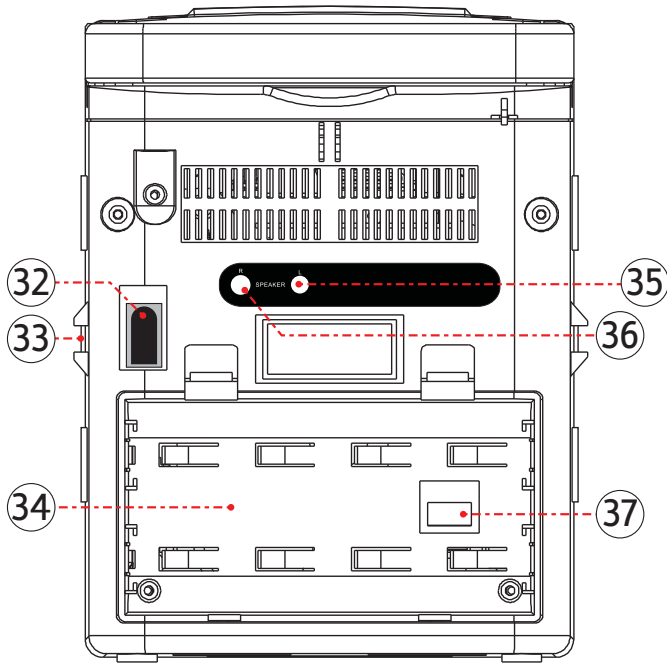
32	AC power socket	Connector for the included AC power cable.
33	Speaker latch (R)	Locks the right speaker in place when it is connected to the main unit.
34	Battery compartment	Load 8 UM–1 "D" size batteries into the compartment for portable power.
35	Speaker input (L)	Plug in the speaker cable from the left speaker here.
36	Speaker input (R)	Plug in the speaker cable from the right speaker here.
37	AC Voltage switch	Available only on models that support dual–voltage. Make sure the switch is correctly set to match your household power supply.

Remote Control
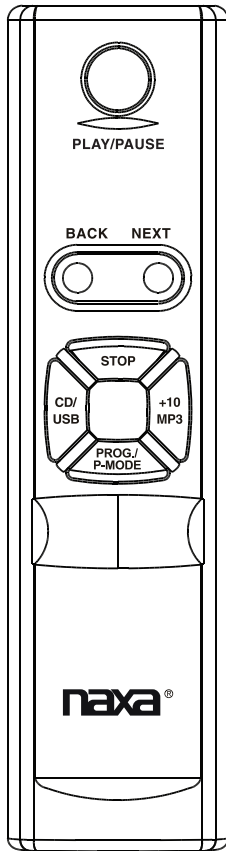
PLAY/PAUSE	Press to start, pause, or resume CD/MP3/USB playback.
BACK	Press to skip to the previous track.
NEXT	Press to skip to the next track.
STOP	Press to stop CD/MP3/USB playback.
CD/USB	Press and hold to switch between CD/MP3 and USB mode.
+10/MP3	Press to skip 10 tracks forward. *Skipping 10 tracks will only work on media that contain more than 10 MP3s (e.g., MP3–CDs, USB flash drives).*
PROG./P–MODE	While playback is stopped, press to enter Program mode in order to create a custom CD/MP3/USB playlist. During playback, press to change the CD/MP3/USB play mode (i.e., repeat, random, intro).

About the Speakers

The speakers can be installed attached to or detached from the main unit.

- Attach the speakers when you want to travel with the unit.

- Detach the speakers and position them as far away from each other as possible in order to increase stereo separation.

Attaching the Speakers

1. Position the speaker next to the main unit so that:

    - The top of the speaker rises one inch above the top of the main unit, and

    - The four hooks on the main unit sit flush inside the rectangular indent on the speaker.

2. Slowly slide the speaker down until the retaining tab on the speaker clicks into the speaker latch [33] on the main unit.

Slide down to attach
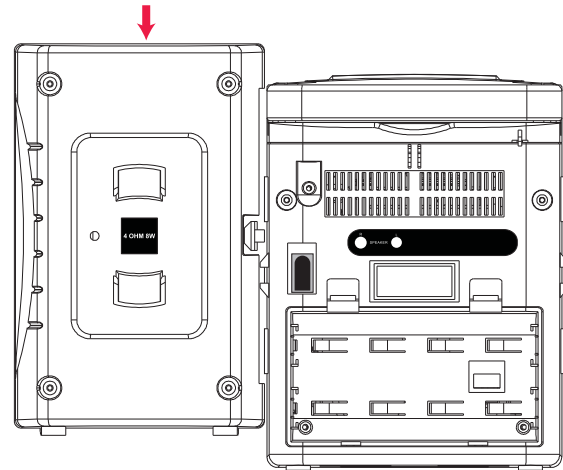
Detaching the Speakers

1. Press the retaining tab down towards the speaker.

2. Slide the speaker up and then away from the main unit.

Slide up to detach

Push tab to release →

4 OHM 8W
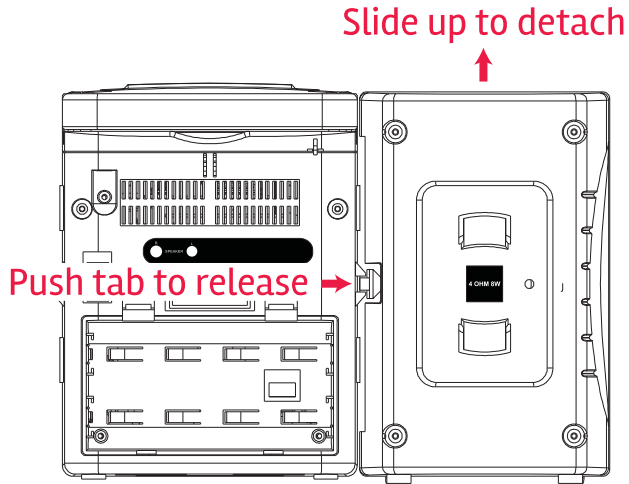
Connecting the Speakers

Plug the speaker cables running from the back of each speaker to the left and right speaker inputs [35, 36] found on the back of the unit.

4 OHM 8W

4 OHM 8W

Connect Power

The unit can be powered by AC household power, or by batteries.

AC Power
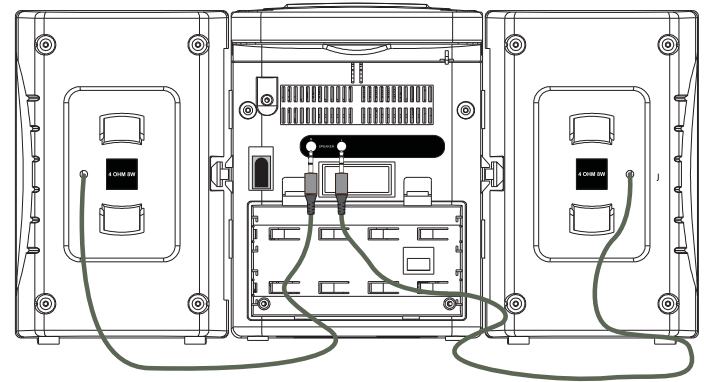
Make sure the AC voltage switch [37] is set to match the voltage supplied in your region. Contact your local power utility if you are not sure which type of power you have.

The voltage switch is located inside the battery compartment [34] found on the back of the main unit. (Set this switch to 110V in North America.)

1. Remove the battery compartment lid to reveal the AC voltage switch.

2. Push gently on the switch with a flat head screwdriver to set it.

3. Replace the battery compartment lid.

4. Connect the AC power socket [32] to a household power socket with the included power cord.

Battery Power

Install 8 UM-1 "D" size batteries to enjoy music wherever you are.

1. Remove the lid from the battery compartment [34] found on the back of the main unit.

2. Load eight "D" size batteries, taking care to match the polarities marked on the inside of the compartment.

⚠ *Remove the batteries if they are exhausted or will not be used for a long time.*

Batteries contain chemicals that may be regulated by your local government. Dispose of them properly according to regulations.

Basic Functions

Turning the Unit On and Off

To turn the unit on, press the STANDBY (power) key [6]. The Power indicator [7] will light up.

To turn the unit off, press the STANDBY key [6] again.

Adjusting the Volume

Turn the VOLUME dial [10] clockwise or counter clockwise to increase or decrease the volume level, respectively.

Bass Boost

Turn the Bass Boost adjustment on to emphasize low frequency sound output.

Press the BBS key [16] to turn Bass Boost on and off.

Producing low frequencies at high volumes can be demanding for audio equipment. If you experience audio clipping when Bass Boost is turned on, lower the volume gradually.

Using the Radio

Set the FUNCTION switch [11] to the RADIO position to start using the radio.

1. Select a frequency band. Set the BAND switch [12] to the AM, FM, or FM ST. position.

   Select the FM band (mono) when tuning to a station with a weak signal. Select the FM ST. (stereo) band when the signal is strong.

   The FM ST indicator [8] will light when the tuner is locked in on a stereo signal.

2. Turn the RADIO TUNING dial [17] to tune to a radio station; the current station can be seen on the LCD screen [15].

3. Optimize radio reception:

   • Fully extend the telescopic Antenna [1] and adjust its orientation to optimize FM radio reception.

   • The AM antenna is built into the player. Adjust the orientation and position of the player itself to optimize AM radio reception.

Using the CD/MP3 Player

Set the FUNCTION switch [11] to the CD/MP3/USB/AUX position to start using the CD/MP3 player.

About Compact Discs

This player is compatible with all digital audio CDs, digital audio CD-Recordable discs (CD-R) and CD-Rewritable discs (CD-RW) that have been finalized, and CD-DA format digital audio CDs.

This player is also compatible with MP3-CDs. These are compact discs that contain MP3 audio files on them.

ⓘ *Only handle a CD by its edge. Avoid touching the label or the playable side with your hands or any other object.*

Loading a Disc

1. Open the CD compartment [3]. Press down on CD door latch [4] to release the spring latch.

2. Load a compatible disc. Place the CD into the compartment [3] with its label facing up.

3. Close the CD compartment [3]. Lower the door and push down on it at the CD door latch [4]. Make sure that the spring latch catches and secures the door in place.

4. The player will attempt to read the disc once the door is closed.

   • The LCD screen [15] will show the amount of playable tracks on the disc.

   • If the disc was loaded incorrectly, is incompatible with the player, or is unreadable for some other reason, the LCD screen [15] will read "NOD" (i.e., No Disc).

ⓘ *To ensure good system performance, wait until the player recognizes and reads the disc before proceeding.*

Playing a Disc

With a compatible disc in the CD compartment [3]:

- Press the ▶❚❚ / USB key [22] to start playback.
  - Play will start from track 1.
  - The Play [▶] indicator will appear on the LCD screen [15].
- To pause playback, press the ▶❚❚ / USB key [22] while a disc is playing.
  - The Play [▶] indicator will flash on the LCD screen [15].
  - Press the ▶❚❚ / USB key [22] again to resume playback.
- To stop playback, press the ■ key [21].
- To select a track to play:
  - Press the ▶▶❙ key [23] to skip to the next track.
  - Press the ❙◀◀ key [24] to skip back to the previous track.
  - Press the FOLD+/+10 key [18] to skip 10 tracks forward. The LCD screen [15] will change tracks accordingly.

- Press the FOLD−/−10 key [20] to skip 10 tracks backward. The LCD screen [15] will change tracks accordingly.

(i) *Skipping 10 tracks will only work on media that contain more than 10 MP3s (e.g., MP3-CDs, USB flash drives).*

- To scan through a track at high speed:
  - Press and hold the ▶▶❙ key [23] during playback. Play will advance quickly through the current track; release the key to resume playback at normal speed.
  - Press and hold the ❙◀◀ key [24] during playback. Play will reverse quickly through the current track; release the key to resume playback at normal speed.
- To select a folder to play (MP3 only):
  - Press and hold the FOLD+/+10 key [18] to skip to the next folder. The player will skip to the next folder and the LCD screen [15] will display the current folder number.
  - Press and hold the FOLD−/−10 key [20] to skip

to the next folder. The player will skip to the next folder and the LCD screen [15] will display the current folder number.

ⓘ *Selecting a folder will only work on media that contain MP3s organized within folders/directories (e.g., MP3-CDs, USB flash drives).*

Repeat, Random & Intro Playback

You can change the order in which the tracks of a CD are played. Press the PROG/P-MODE key [19] during music playback.

- **To repeat a single track,** press the PROG/P-MODE key [19] until the "REPEAT" indicator flashes on the LCD screen [15]. The current track will play repeatedly until play is stopped.

- **To repeat all tracks,** press the PROG/P-MODE key [19] until the "REPEAT" indicator appears steady on the LCD screen [15]. The player will replay all tracks on the CD until play is stopped.

- **To repeat all tracks in a folder,** press the PROG/P-MODE key [19] until the "REPEAT FOLDER" indicator appears steady on the LCD screen [15].

ⓘ *This option will only work with media that contain MP3s organized within folders/directories (e.g., MP3-CDs, USB flash drives). This option will not work when playing a regular audio CD.*

- **To randomize the track order during playback,** press the press the PROG/P-MODE key [19] until "RANDOM" appears steady on the LCD screen [15].

- **To play just the first 10 seconds of each track,** press the PROG/P-MODE key [19] until "INTRO" appears steady on the LCD screen [15]. The player will play the first 10 seconds of a track and then skip to the next one.

ⓘ *This option will only work with CDs. This option is not supported with USB flash drives.*

- **To return to normal playback,** press the PROG/P-MODE key [19] until all indicators disappear from the LCD screen [15].

Programming a Playlist

When play is stopped, you can select up to 20 CD tracks (or 99 MP3 tracks) to play in any order that you choose.

1. Press the ■ key [21] to make sure that playback has stopped.

2. Press the PROG/P-MODE key [19]. The current playlist number "P01" will appear and the "PRO-GRAM" indicator will flash on the LCD screen [15].

3. Use the ▶▶ or ◀◀ key [23, 24] to choose a track to enter into the playlist.

4. Press the PROG/P-MODE key [19] to save the track into the playlist. The next playlist track number will appear on the LCD screen [15] (e.g., "P02").

5. Repeat steps 3 and 4 until your playlist is complete, then press the PROG/P-MODE key [19] to finish the playlist.

6. Press the ▶❙❙ / USB key [22]. Play will start from the first track in the playlist.

7. Press the ■ key [21] to stop the programmed play-list. Open the CD compartment [3] to delete the program and return to normal playback.

Using the Cassette Player

Set the FUNCTION switch [11] to the TAPE position to start using the cassette tape player.

About the Cassette Keys

The cassette keys are located below the cassette compartment [25]. They are numbered 26 to 31 in the section "At a Glance" and throughout this manual.

You can learn more about their functions in the section "At a Glance."

Playing a Cassette Tape

⚠️ *Do not use C120 cassettes or other special-ized cassettes with this player.*

1. Open the Cassette compartment [25]. Press the TAPE ■▲ key [30] while playback is stopped.

2. Load the cassette into the compartment with its exposed magnetic tape facing down.

The tape will spool from the left to right reel. If the cassette you are loading is wound to the beginning, the full reel should be on the left.

Take up any slack in the tape before load‐ing the cassette into the compartment. Turn the cassette reel with your finger or a pencil until the tape is taut.

3. Close the cassette compartment [25]. Push the door of the compartment into the body of the player until it is securely closed.

4. Cue the tape (optional). Press the TAPE ⏩ or TAPE ⏪ key [29, 28] to the part of the tape that you want to play.

5. Start playback. Press the TAPE ▶ key [27].

6. Adjust the volume. Turn the VOLUME dial [10] to adjust the volume to a comfortable level.

7. To stop playback, press the TAPE ■▲ key [30].

Your player is equipped with Auto Stop. When the end of the tape is reached, the player will automatically stop the tape and all keys will be deactivated.

Recording to Cassette Tapes

You can record from different sources to cassette tape. Record with quality cassettes only (e.g., IEC type 1).

Do not use C120 cassettes or other special‐ized cassettes with this player.

1. Choose the source of the recording you want to make. Set the FUNCTION switch [11] to:

   • **CD/MP3/USB/AUX** to record from the CD or USB player, or from an audio source connected to the AUX input jack [13].

   • **RADIO** to record from the radio.

2. Get the source ready. For CD/MP3/USB/AUX, cue playback to the point that you want to record. For

the Radio, tune to the station that you want to re-cord.

3. Get the target ready. Load a blank cassette tape into the Cassette compartment [25]. Optionally, cue the tape to the point that you want to record to with the TAPE ▶▶ or TAPE ◀◀ keys [29, 28].

> ⓘ *The exposed magnetic tape of the cassette should face down.*

> ⚠ *Take up any slack in the tape before load-ing the cassette into the compartment. Turn the cassette reel with your finger or a pencil until the tape is taut.*

4. Start recording. When you are ready to record, press the TAPE ● key [26] together with the TAPE ▶ key [27]. (For CD/MP3/USB/AUX, start playback).

> ⚠ *Do not force the TAPE ● key down if you detect resistance! If you cannot press the TAPE ● key down, the cassette tape may be record-protected. Refer to the section "Record Protection" to learn more.*

5. Stop recording. Press the TAPE ■▲ key [30] to stop recording.

> ⓘ *You may also pause recording by pressing the TAPE Ⅱ [31] key. Depress the TAPE Ⅱ key again to resume recording.*

Record Protection

Protect your cassette tape from accidental erasure with the Record Protection tab.

1. Locate the tab on your cassette tape. It can be found on the long side of the cassette, opposite the side with the exposed tape (see the illustration below).

Record Protect Tab for Side "A"

2. Use a sturdy, flat object such as a small screwdriver or file to break off the tab.

ⓘ *The tab may have been removed already if the cassette tape is not a new, blank tape designed for recording. Commercial re-cordings and other pre-recorded tapes are usually record protected.*

When the record protection tab is missing, you will not be able to press the TAPE ● key [26].

ⓘ *If you would like to record with a cassette tape that is missing its record protection tab, use a small piece of adhesive tape to cover the tab opening.*

Caring for the Cassette Mechanism

Cassette care and cleaning products are available for purchase from local and on-line retailers. The tape head and pinch wheel/capstan assemblies need to be cleaned after every 10 hours of use.
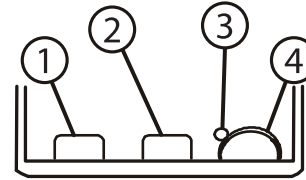
1	Erase head
2	Record/Play head
3	Capstan
4	Pinch roller

ⓘ *Press the PLAY key [27] to get better access to the heads and roller in order to clean them.*

⚠ *The erase head, record/play head and the surface of the pinch roller are delicate parts. Never touch these parts with hard objects (e.g., screwdrivers, metal).*

Never lubricate any part of the player un-der any circumstance.

Never turn off the player during playback, or leave the player in PLAY mode while the power is off. Doing so can damage the pinch wheel.

Using the AUX Input

Set the FUNCTION switch [11] to the CD/MP3/USB/AUX position to play devices connected to the AUX Input jack [13].

1. Connect the audio source to the player. Use an optional audio patch cable to connect the 3.5mm headphone or line-out jack of the audio source to the 3.5mm AUX Input jack [13] found on the front of the player.

2. Prepare the player. Set the FUNCTION switch [11] to the CD/MP3/USB/AUX position. Turn the VOLUME dial [10] to lower the volume level.

3. Prepare the audio source. Start playback on the device. Set the volume level of the device to approximately 80% of its maximum.

4. Adjust the final volume. Turn the VOLUME dial [10] of the player to set the volume to a comfortable level.

(i) *Use the audio source to control playback (e.g., stop, play, next). Use the player to control the volume.*

Warnings and 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 aler the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of significant magnitude to constitute 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.

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 product 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 disc compartment 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–DC adapter from the wall outlet. Make it a practice to remove the AC–DC adapter 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.

CAUTION

- Do not block the ventilation openings or holes.
- Do not place any naked flames (such as lighted candles) on the apparatus.
- When discarding batteries, follow all local rules and laws governing the disposal of batteries. Consider the environmental impact of your actions!
- Invisible laser radiation when open and interlock has failed or been defeated. Avoid direct exposure to beam.
- To prevent fire or shock hazard, do not expose this appliance to rain or moisture.
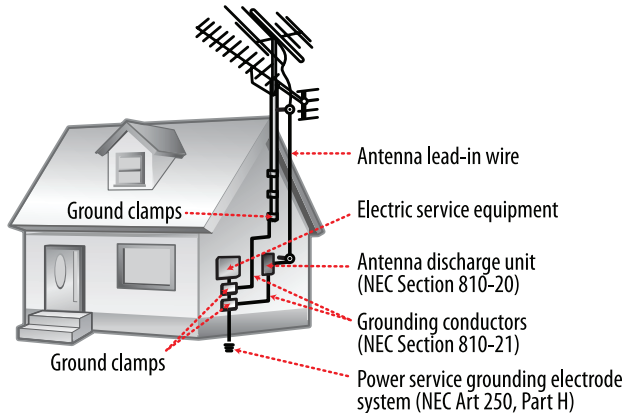
Important Safety Information

1. Read Instructions: All the safety and operating instructions should be read before the product is operated.

2. Retain Instructions: The safety and operating instructionshould be retained for future reference.

3. Heed Warnings: All warnings on the product and in the operating instructions should be adhered to.

4. Follow Instructions: All operating and usage instructions should be followed.

5. Cleaning: Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.

6. Attachments: Use only attachments recommended by the manufacturer. Use of other attachments may be hazardous.

7. Water and Moisture: Do not use this product near water (e.g., near a bathtub, washbowl, kitchen sink, laundry tub, in wet basements, or near a swimming pool and the like).

8. Accessories: Do not place this product on an unstable cart, stand, tripod, bracket, or table. Use only with carts, stands, tripods, brackets, or tables 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. Ventilation: Slots and openings in the cabinet are provided for ventilation to ensure reliable operation of the product and to protect it from overheating. These openings should never be blocked by placing the product on a bed, sofa, rug, or other similar surface. This product should not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided or the manufacturer instructions have been adhered to.

10. Power Sources: This product should be operated only from the type of power source indicated on the rating 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 instructions.

11. Grounding or Polarization: This product may be equipped with a polarized alternating-current line plug that has one blade wider than the other. This plug will only fit into the power outlet in one direction. This is a safety feature. If you are unable to insert the plug fully into the outlet, try reversing the direction of the plug. If the plug should still fail to fit, contact an electrician to replace the obsolete outlet. Do not defeat the safety purpose of the polarized plug.

12. 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 at the point which they exit from the product.

13. Protective Attachment Plug: The product may be equipped with an attachment plug with overload protection. This is a safety feature. See the operating instructions for replacement or directions to reset the protective device. If replacement of the plug is required, be sure the service technician has used a replacement plug that has the same overload protection as the original plug as specified by the manufacturer.

14. Outdoor Antenna Grounding: If an outside antenna is connected to the product, be sure the antenna system is grounded so as to provide some protection against voltage surges and built-up static charges. Article 810 of the NationalElectrical Code, ANS/NFPA70 provides information withregard to proper grounding ofthe mast and support-

ing structure,grounding of the lead-in wire to an antenna-discharge unit, size of groundingconductors, location of antenna-discharge unit, connection to groundingelectrodes, and requirements for the grounding electrode (see figure).

- Antenna lead-in wire
- Ground clamps
- Electric service equipment
- Antenna discharge unit (NEC Section 810-20)
- Grounding conductors (NEC Section 810-21)
- Ground clamps
- Power service grounding electrode system (NEC Art 250, Part H)

15. Lightning: For added protection for this product, unplug it from the walloutlet and disconnect the antenna or cable system during a lightning stormor when it is left unattended and unused for long periods of time. This willprevent damage to the product due to lightning or power-line surges.

16. Power Lines: An outside antenna system should not be located in the vicinityof overhead power lines or other electric light or power circuits, orwhere it can fall into such power lines or circuits. When installing an outsideantenna system, extreme care should be taken to keep from touching suchpower lines or circuits, as contact with them might be fatal.

17. Overloading: Do not overload wall outlets, extension cords, or integral conveniencereceptacles as this can result in a risk of fire or electric shock.

18. Object and Liquid Entry: Never push objects of any kind into this productthrough openings as they may touch dangerous voltage points or shout-outparts that could result in a fire or electric shock. Never spill liquid of any kindon the product.

19. Servicing: Do not attempt to service this product yourself as opening orremoving covers may expose you to dangerous voltage or other hazards.Refer all servicing to qualified service personnel.

20. Damage Requiring Service: Unplug this product from the wall outlet and referservicing to qualified service personnel under the following conditions:a) when the power-supply or plug is damaged; b) if liquid has been spilledor if objects have fallen into the product; c) if the product has been exposedto rain or water; d) if the product does not operate normally by following theoperating instructions. Adjust only those controls that are covered by theoperating instructions as improper adjustment of other controls may resultin 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; f) when the product exhibits a distinct change in performance—this indicates a need for service.

21. Replacement Parts: When replacement parts are required, be sure thatyour service technician has used replacement parts specified by the manufactureror have the same characteristics as the original part. Unauthorizedsubstitutions may result in fire, electric shock, or other hazards.

22. Safety Check: Upon completion of any service or repairs to this product,ask the service technician to perform safety checks to ensure that the productis in proper operating condition.

23. Wall or Ceiling Mounting: The product should be mounted to a wall or ceiling only as recommended by the manufacturer.

24. Heat: The product should be situated away from heat sources such as radiators,heat registers, stoves, or other products (including amplifiers) thatproduce heat.

FCC NOTICE

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

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

• Reorient or relocate the receiving antenna.

• Increase the separation between the equipment and receiver.

• Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

• Consult the dealer or an experienced radio/TV technician for help.

CAUTION ON MODIFICATIONS

Any changes or modifications not expressly approved by the grantee of this device may void the authority granted by the FCC to operate the equipment.

WARNING:

This product contains lead, a chemical known to the State of California to cause cancer and birth defects or other reproductive harm. ***Wash hands after handling.***

Naxa Electronics

Specifications

General

Power requirements	AC 110/220 V ~60/50 Hz
	DC 12V (UM–1 "D" batteries x 8)
	Remote: UM–4 "AAA" batteires x 2).
Power consumption	20 W
Weight	8.55 lbs
Dimensions	16.9 x 8.9 x 8.9 in (LWH)
Operating temperature	41 – 95 °F (5 – 35 °C)

Receiver

Receiving Bands	AM, FM
Tuning Range	AM 530 – 1710 KHz FM 87.5 – 108.0 MHz

Compact Disc

Optical pickup	3–beam laser
Frequency response	100 – 16,000 Hz

Cassette

Recording system	2 tracks, 2 channel (stereo)
Bias system	DC bias
Frequency response	125 – 6,300 KHz
Wow and Flutter	0.35% WRMS (JIS)

Audio

Power output	Max 5 W total (2.5 W x 2)
Input	3.5mm AUX

Note: Product are improved continuously. We reserve the right to modify the product and specifications without prior notice.

ESD Remark: In case of malfunction due to electrostatic discharge, just reset the product to resume normal operation (reconnecting the power source may be required).

Support

If you have problems with your device, please consult the instructions in this manual. Please also visit us on the web at www.naxa.com to get up to the minute news, alerts, and documentation for your device. For additional assistance, please contact Naxa Technical Support.

NAXA Technical Support
2320 East 49th St.
Vernon, CA 90058

http://www.naxa.com/naxa_support/