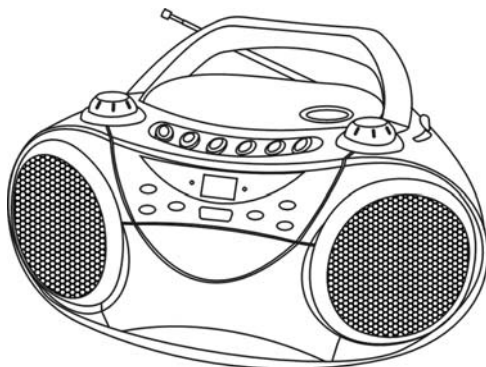


# **naxa<sup>®</sup>**

## **INSTRUCTION MANUAL**

**PORTABLE CD/MP3 PLAYER WITH  
STEREO RADIO CASSETTE RECORDER**

**NPB-242**



# IMPORTANT NOTES

## INTRODUCTION

- Thank you for buying our product.
- Please read through these operating instructions, so you will know how to operate your equipment properly. After you finished reading the instructions manual, put it away in a safe place for future reference.

## WARNING

To prevent fire or shock hazard, do not expose this appliance to rain or moisture. To avoid electrical shock, do not open the cabinet; refer servicing to qualified personnel only.

## CAUTION

Use of controls or adjustment or performance of procedures other than those specified herein may result in hazardous radiation exposure.

## DANGER

Invisible laser radiation when open and interlock failed or defeated. Avoid direct exposure to beam.

CLASS 1 LASER PRODUCT  
LUOKAN 1 LASERLAITE  
KLASS 1 LASERAPPARAT

This Compact Disc player is classified as a Class 1 LASER PRODUCT.

THE CLASS 1 LASER PRODUCT label is located on the rear exterior.

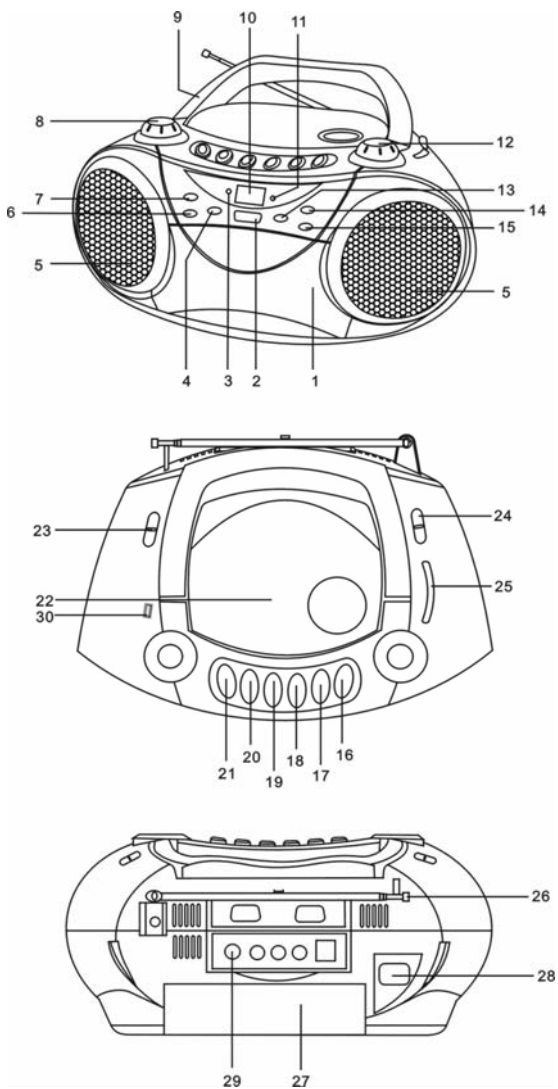
**NOTE:** The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications could void the user's authority to operate the equipment.

- Avoid installing the unit in locations described below:
  1. Places exposed to direct sunlight or close to heat radiating appliance such as electric heaters, on top of other stereo equipment that radiate too much heat.
  2. Places lacking ventilation or dusty places.
  3. Places subject to constant vibration.
  4. Humid or moist places.
- 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 NOT 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.

## LOCATION OF CONTROLS



## NAMES OF CONTROLS

1. CASSETTE COMPARTMENT
2. CD PLAY/PAUSE/USB BUTTON
3. POWER INDICATOR
4. CD SKIP/SEARCH BACK(BACKWARD) BUTTON
5. SPEAKERS
6. CD PROG./P-MODE BUTTON
7. CD STOP BUTTON
8. VOLUME CONTROL
9. FOLDING HANDLE
10. LCD DISPLAY
11. FM STEREO INDICATOR
12. TUNING CONTROL
13. CD SKIP/SEARCH NEXT(FORWARD) BUTTON
14. FOLD+/+10 BUTTON
15. FOLD-/-10 BUTTON
16. CASSETTE RECORD KEY
17. CASSETTE PLAY KEY
18. CASSETTE REWIND KEY
19. CASSETTE FAST FORWARD KEY
20. CASSETTE STOP/EJECT KEY
21. CASSETTE PAUSE KEY
22. CD COMPARTMENT
23. FUNCTION SWITCH
24. BAND SWITCH
25. DIAL SCALE
26. FM TELESCOPIC ANTENNA
27. BATTERY COMPARTMENT
28. AC SOCKET
29. AUX IN JACK
30. USB PORT

## POWER SOURCE

This unit is designed to be operated on AC/DC.

### AC OPERATION

Plug the smaller end of AC power cord into AC jack on unit and the other bigger end into household AC wall outlet. The batteries will be automatically disconnected.

### DC OPERATION

Open the BATTERY COMPARTMENT DOOR. Install 6 pcs UM-1/D size batteries (not included) into compartment. Please follow correct polarities as indicated.

### CAUTION

- Remove batteries if they are exhausted or long time use.
- Batteries contain chemical substances, so they should be disposed of properly.

## BASIC FUNCTION

### SWITCHING ON THE UNIT

Set the FUNCTION switch to CD/MP3/USB/AUX or RADIO.

### TO ADJUST VOLUME

Rotate the VOLUME CONTROL clockwise or anticlockwise to increase or decrease volume.

## USING THE RADIO

### TUNING IN RADIO STATIONS

1. Move the FUNCTION switch to RADIO position.
2. Slide the BAND switch to select the desired wave band: AM, FM, FM ST..
3. Tune to desired station by rotating the TUNING KNOB.
4. Adjust VOLUME CONTROL to desired volume level.
5. Extend TELESCOPIC ANTENNA to its full length if you are listening to FM broadcasting. Gently rock the unit back and forth to get the best reception when you are listening to AM programme, or place the unit in an open location.  
Note: The FM STEREO indicator will be on when you are receiving FM stereo programme.
6. Turn off the radio by switching the FUNCTION switch to "TAPE" position.

## USING THE CASSETTE

### UNDERSTANDING THE BUTTONS

**RECORD** - Press to record from the radio or CD player.

**PLAY** - Press to play cassettes.

**REWIND** - From stop mode, press to rewind the tape toward the beginning.

**F.FWD** - From stop mode, press to advance the tape toward the end.

**STOP/EJ.** - Press to stop current tape activity or to open the cassette compartment door when no buttons are active.

**PAUSE** - Press to interrupt tape play or record mode. Press the second time to resume tape play or tape record mode.

### PLAYING A CASSETTE TAPE

1. Slide the FUNCTION switch to TAPE position.
2. Press STOP/EJ. key to open the cassette compartment door.
3. Insert cassette tape into the compartment with the open edge facing up and the full reel on the right.
4. Close the door securely.
5. Press REWIND or F.FWD to move tape to the desired starting point.
6. Press PLAY key to begin playing the tape.
7. Adjust the volume to your desired listening level.

### AUTOMATIC STOP FEATURE

When the cassette deck is operating in play or record mode and the end of the tape is reached, the unit automatically shuts itself off and returns all buttons to the off position.

### RECORDING FROM THE RADIO

1. Load a blank tape into the tape compartment and close the door.
2. Set the FUNCTION switch to RADIO; Tune to required station by rotating the TUNING KNOB.
3. Press RECORD key to begin recording. RECORD key and PLAY key go down simultaneously.
4. Press STOP/EJ. key to end recording.
5. To hear what you recorded, follow instructions in PLAYING A CASSETTE TAPE.

**NOTE: PAUSE FOR A MOMENT** - Using the PAUSE key on the cassette deck instead of the STOP/EJ. key to momentarily interrupt recording gives you a much clear recording. Press PAUSE key again to resume recording.

## RECORDING FROM CD/MP3

1. Insert a blank cassette tape into the tape compartment.
2. Slide the FUNCTION switch to CD/MP3/USB/AUX position.
3. Load a CD and select the desired track you want to record.
4. Press CD PLAY/PAUSE button to start playback. Press RECORD key to begin recording. RECORD key and PLAY key go down simultaneously.
5. Press PAUSE key to interrupt or edit recording. Press it again to resume recording.
6. Press STOP/EJ. Key to end recording.
7. To hear what you recorded, follow instructions in PLAYING A CASSETTE TAPE.

## RECORDING FROM AUX

1. Insert a blank cassette tape into the tape deck.
2. Slide the FUNCTION switch to the CD/MP3/USB/AUX position.
3. Connect the audio cable into the AUX-IN jack start playback , select the desired you want to record.
4. Press the CD PLAY/PAUSE button to start CD playback. On the Cassette deck, press the RECORD key and the PLAY key will automatically engage to begin recording.
5. Press the PAUSE key to interrupt or edit recording. Press it again to resume recording.
6. Press the STOP/EJ. Key to end recording.
7. To hear what you recorded, press the REWIND key to start recording point, follow instructions in PLAYING A CASSETTE TAPE.

## TYPES OF CASSETTE

Use only good quality cassettes (IEC TYPE 1) for making recordings. May be used to replay other types of cassette but is unable to make proper recording on these more specialized tapes. The use of C120 cassettes is NOT recommended in this machine.

## PROTECTING RECORDING

Normally, anything recorded on the tape is automatically erased when new recording is made. It is possible to protect your recording from accidental erasure by removing the tabs found on the rear of the cassette.



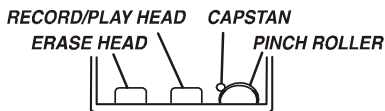
ERASE TAB  
FOR SIDE "A"

When the cassette is held with the recorded side upper-most and exposed tape facing the front, the protective tab will be found on the left rear of the cassette.

All pre-recorded cassette are protected in this way to prevent accidental erasure of the commercial recording. "Protected" cassette will prevent the record button from being operated. If at any time you attempt to record and find that this button will not depress, never force the mechanism or it may be damaged. Check that a cassette has been loaded and that tab has not been removed. Recording on a cassette from which the tabs have been removed can be done by covering the tab openings with a piece of adhesive tape.

## CARE OF CASSETTE MECHANISM

Gently clean the tape head and pinch wheel/capstan assemblies after every 10 hours of using the unit. A range of cassette care products are available.



The erase head and record/play head and the surface of the pinch roller are delicate and must not be touched with metal objects such as screwdrivers. You may find it easier to clean the assembly by pressing the PLAY button to bright head and pinch roller into view. Be sure to press the STOP button after cleaning the mechanism.

Damage to the pinch wheel can occur if the unit is left in PLAY mode with the power switch off. Under no circumstances should you attempt to lubricate any part of the machine.

## USING THE CD/MP3

### Discs for Playback

This system can playback all digital audio CD/MP3, finalized digital audio CD-Recordable (CD-R) discs, finalized digital audio CD-Rewritable (CD-RW) discs, CD-DA format digital audio CD, finalised digital audio CD-R/CD-RW discs.

### LOADING A DISC

1. Set the FUNCTION switch to CD/MP3/USB/AUX position.
2. Open the CD door. "OP" will be shown on the display.
3. Place an audio CD into the tray with the label side facing up.
4. Close the CD door.

The total number of tracks will appear on the display after several seconds.

5. To remove the CD, press to open CD compartment lid, grasp the CD by its edges, and carefully take it out.

#### Note:

- To ensure good system performance; wait until the disc tray completely reads the disc before proceeding.
- If no disc is loaded into the compartment, or the disc is placed upside down, the display will show **NO d**.

### PLAYING A DISC

1. Press the PLAY/PAUSE/USB button to start playback.  
The playback starts from track 1, the "▶" indicator is shown on the display.  
To interrupt playback, press the PLAY/PAUSE/USB button. The "▶" indicator and the current track will flash on the display.  
To resume playback, press the PLAY/PAUSE/USB button again.
2. To stop playback, press the STOP button, the total number of tracks appears on the display.

### SELECTING A DESIRED TRACK/PASSAGE

#### To select a desired track

- Press the CD SKIP/SEARCH NEXT/BACK button repeatedly in stop mode or during play until the desired track appears on the display.
- Press the PLAY/PAUSE/USB button to start play.

### **To search for a particular passage during playback (track scanning at high speed)**

Press and hold the CD SKIP/SEARCH NEXT/BACK button to scan the current playing track at high speed until desired point passage, and then release the button.

Playback will start again from this point.

### **PROGRAM TRACKS**

Programming tracks of disc are possible when playback is stopped. Up to CD 20 tracks /MP3 99 tracks can be stored in the memory in any order.

1. In stop mode, press the PROG./P-MODE button, the "PROGRAM" will flash and the **PO1** indicator will be on.
2. Press the CD SKIP/SEARCH NEXT button to select the first desired track to be programmed.
3. Press the PROG./P-MODE button to enter. The display changes to show **PO2**.
4. Repeat steps 2 & 3 to store other desired tracks until all tracks are programmed.
5. Press the PLAY/PAUSE/USB button to start playback from the first programmed track.
6. Press the STOP button to stop program playback.

### **To Erase the Memory (Program)**

To clear the program, you have two options:

1. Press the STOP button when the disc is stopped, or
2. Open the CD compartment lid, program will be erased.

### **REPEAT**

#### **To Repeat a Single Track**

1. Press the PROG./P-MODE button once in play mode, "REPEAT" will flash on the display. The current track will be played repeatedly until the STOP button is pressed
2. Press the PROG./P-MODE button four times to cancel.

#### **To repeat all the Tracks**

1. Press PROG./P-MODE button twice in play mode, " REPEAT " shows steady on the display, all tracks on the disc will be played repeatedly until the STOP button is pressed.
2. To cancel repeat play, press the PROG./P-MODE button three times to cancel.

#### **To repeat current Directory (for MP3 only)**

1. Press PROG./P-MODE button twice in play mode, "REPEAT FOLDER" shows steady on the display, The current directory will be played repeatedly until the STOP button is pressed.
2. Press the PROG./P-MODE button three times to cancel.

### **RANDOM PLAY**

Press the PROG./P-MODE button three times for CD and four times for MP3 in play mode , "RANDOM " shows steady on the display, the random play will start from next track automatically(or press CD skip forward button), until all tracks are played over and then stop. Press the PROG./P-MODE button twice (For CD)/once (For MP3) to cancel.

### **INTROSCAN PLAY (for CD disc only)**

Press the PROG./P-MODE button four times in play mode, "INTRO" shows steady on the display, the unit will start to play the first 10 seconds of music of each track, until all tracks are played over and then stop. Press the PROG./P-MODE button once to cancel.

### **To select a song which track number exceeds 10 (for MP3 disc only)**

To select a song/track which number exceeds 10, Press the FOLD+/-10 button each time to skip forward/backward 10 tracks, then press the CD SKIP NEXT/BACK button to select desired track. For example: to select the 17<sup>th</sup> track, press FOLD+/-10 button, and then the CD SKIP FORWARD button six times immediately.

### **To Select A Desired Folder (for MP3 disc only)**

(if the MP3 disc contains more than one folder)

To skip to the desired folder during playback, press and hold the FOLDER+/-10 or FOLDER/-10 button for about 2 seconds to skip to next/previous folder.



## **LISTENING TO USB FLASH DISK DEVICE**

1. Set the FUNCTION switch to CD/MP3/USB/AUX position.
2. Connect the USB Flash Disk Device into the USB PORT.
3. If the audio CD in the tray, please press and hold the PLAY/PAUSE/USB button to select the USB function.
4. If the USB is readable, the display will show USB and The total number of tracks after several seconds.
5. Press the PLAY/PAUSE/USB button to start playback.
6. Press the STOP button to stop playing. The display will show total number of tracks.
7. You may proceed repeat play (repeat-1/repeat-folder/repeat-all)/program/program play/random play/skip up and down operation as the same described in above "USING THE CD/MP3".

Note To exit USB operation, press and hold PLAY/PAUSE/USB button to return the CD mode.

### **CAUTION:**

- Do not use any USB extension cable for connecting the USB stick which may cause harmful interference
- In case of malfunction due to electrostatic discharge, just reset the product (reconnect of power source may be required) to resume normal operation.

## **AUX IN OPERATION**

This unit has provided special AUX IN jack, through this jack other audio sources can be connected to this unit and be amplified.

1. Set the FUNCTION switch to CD/MP3/USB/AUX position.
2. Connect the audio cable into the AUX IN jack and the other end connect to the AUDIO OUT jack of the external audio source. The unit will change to AUX mode automatically.
3. Adjust the volume of the main unit to your desired level.
4. Press PLAY of the external audio source (eg. MP3 player) to start playback.

## SPECIFICATIONS

### GENERAL

Power Requirement	AC 127V ~ 60Hz DC 9V U M-1 x 6 PC S
Power consumption	AC 15 Watts
Weight	Approx. 2.2 kg
Dimensions	Approx. 300mm (W) x 235mm (D) x 155mm (H)
Operation temperature	+5 °C – +35 °C

### RECEIVER SECTION

Receiving Bands	AM/FM
Tuning Range	AM 530 – 1600 KHz FM 88 – 108 MHz

### COMPACT DISC SECTION

Optical Pickup	3 – Beam Laser
Frequency Response	100Hz – 16KHz

### CASSETTE SECTION

Recording System	2 Tracks 2 Channel (Stereo)
Bias System	DC Bias
Frequency Response	125 – 6.3 KHz
Wow and Flutter	0.35% WRMS (JIS)

### AUDIO SECTION

Power output	Maximum 1.2 Watts x 2
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### ACCESSORIES

Instruction Booklet	1
AC Cord	1

**Note:** Specifications are subject to change for continuous improvement without prior notice.

### CAUTION:

- To avoid electric shock, this unit must not be exposed to dripping water or water splash.
- Ventilation warning-The normal ventilation of the product shall not be impeded for intended use.

### ESD Remark:

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