

## ENVIRONMENTAL PROTECTION



Do not dispose of this product with the normal household waste at the end of its life cycle. Return it to a collection point for the recycling of electrical and electronic devices. This is indicated by the symbol on the product, user manual or packaging.

The materials are reusable according to their markings. By reusing, recycling or other forms of utilization of old devices you make an important contribution to the protection of our environment.

Please contact your local authorities for details about collection points.

CLASS 1 LASER PRODUCT  
KLASSE 1 LASER PRODUKT  
LUOKAN 1 LASER LAITE  
KLASS 1 LASER APPARAT  
PRODUCTO LASER CLASE 1



### WARNING

Risk of electric shock  
Do not open!



Caution: To reduce the risk of electric shock, do not remove the cover (or back).  
There are no user serviceable parts inside. Refer servicing to qualified service personnel.



This symbol indicates the presence of dangerous voltage inside the enclosure, sufficient enough to cause electric shock.



This symbol indicates the presence of important operating and maintenance instructions for the device.

### Safety, Environmental and Setup Instructions

- Use the device in dry indoor environments only.
- Protect the device from humidity.
- Do not open the device. **RISK OF ELECTRIC SHOCK!** Refer opening and servicing to qualified personnel.
- Connect this device to a properly installed and earthed wall outlet only. Make sure the mains voltage corresponds with the specifications on the rating plate.
- Make sure the mains cable stays dry during operation. Do not pinch or damage the mains cable in any way.
- A damaged mains cable or plug must immediately be replaced by an authorized service center.
- In case of lightning, immediately disconnect the device from the mains supply.
- Children should be supervised by parents when using the device.
- Clean the device with a dry cloth only.  
Do NOT use CLEANING AGENTS or ABRASIVE CLOTHS!

- Do not expose the device to direct sunlight or other heat sources.
- Install the device at a location with sufficient ventilation in order to prevent heat accumulation.
- Do not cover the ventilation openings!
- Install the device at a safe and vibration-free location.
- Install the device as far away as possible from computers and microwave units; otherwise radio reception may be disturbed.
- Do not open or repair the enclosure. It is not safe to do so and will void your warranty. Repairs only by authorized service/ customer center.
- The device is equipped with a "Class 1 Laser". Avoid exposure to the laser beam as this could cause eye injuries.
- Only use mercury and cadmium-free batteries.
- Used batteries are hazardous waste and NOT to be disposed of with the household waste!!! Return the batteries to your dealer or to collection points in your community.
- Keep batteries away from children. Children might swallow batteries. Contact a physician immediately if a battery was swallowed.
- Check your batteries regularly to avoid battery leakage.



**Used batteries are hazardous waste and NOT to be disposed of with the household waste!** As a consumer you are **legally obligated** to return **all batteries** for environmentally responsible recycling – no matter whether or not the batteries contain harmful substances\*).

**Return batteries free of charge to public collection points in your community or to shops selling batteries of the respective kind.**

**Only return fully discharged batteries.**

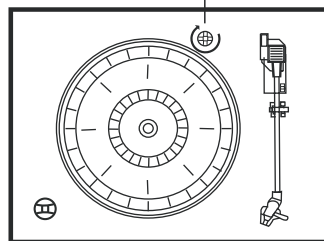
**\*) marked Cd = cadmium, Hg = mercury, Pb = lead**

# PREPARATION FOR USE

## UNPACKING AND SET UP

- Carefully remove the unit from the display carton and remove all packing material from the unit.
- Unwind the AC power cord and extend it to its full length.
- Unwind the FM Antenna wire and extend it to its full length.
- Place the unit on a stable, level surface, convenient to an AC outlet out of a strong magnetic field.

TRANSIT SCREW



- Connect the plug to your AC outlet.
- Raise the lid to expose the phonograph. The phonograph has been secured for shipment with a transit screw. Use a coin or screwdriver to turn the transit screw clockwise. This will allow the turntable to "float".
- Remove the opaque white plastic stylus cover from the phonograph stylus by sliding it in the direction of the arrow.

- During this operation pay attention to the stylus, because the stylus damage is not covered by guarantee.

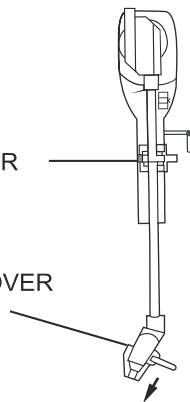
- Remove the twist-tie that was used to secure the tone arm during shipment.

- Release the tone arm lock lever.

- Connect the plug to your AC 230V,50Hz outlet.

STONE ARM LOCK LEVER

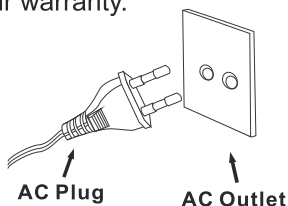
STYLUS COVER



## POWER SOURCE

This system is designed to operate on normal 230V 50Hz AC only. Attempting to operate from any other power source may cause damage to the system, and such damage is not covered by your warranty.

**NOTE:** If this plug will not fit into your outlet, you probably have an outdated non-polarized AC outlet. You should have your outlet changed by a qualified licensed electrician.



## **IMPORTANT: Raising And Lowering The Phonograph Lid**

To open the lid, raise it as far as it will go until the lid support bracket 'locks' in the open position. To close the lid, lift it upward slightly until the lid support bracket 'unlocks', and then gently lower the lid.

TO AVOID DAMAGING THE CABINET OR THE LID, NEVER FORCE THE LID CLOSED. ALWAYS RAISE THE LID TO RELEASE THE LID SUPPORT BRACKET.

## **PROTECT YOUR FURNITURE**

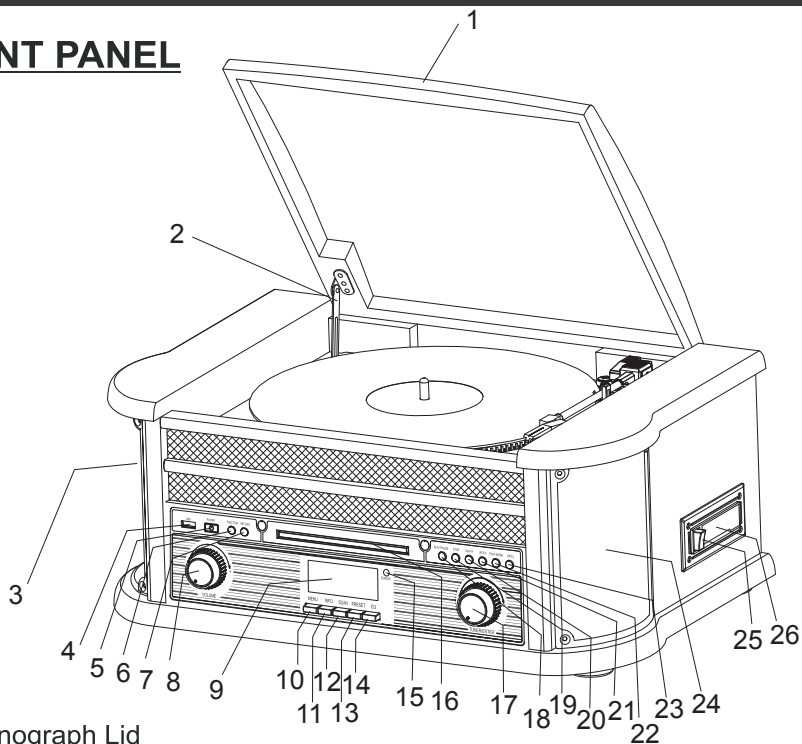
This model is equipped with non-skid rubber 'feet' to prevent the product from moving when you operate the controls. These 'feet' are made from non-migrating rubber material specially formulated to avoid leaving any marks or stains on your furniture. However certain types of oil based furniture polishes, wood preservatives, or cleaning sprays may cause the rubber 'feet' to soften, and leave marks or a rubber residue on the furniture. To prevent any damage to your furniture we strongly recommend that you purchase small self-adhesive felt pads, available at hardware stores and home improvement centres everywhere, and apply these pads to the bottom of the rubber 'feet' before you place the product on fine wooden furniture.

**CARE OF THE CABINETS:** You should care for the cabinet as you would care for any piece of the furniture. When the cabinet becomes dusty wipe it with a soft, non-abrasive dust cloth. If the cabinet becomes smudged with fingerprints you may use any good quality commercial dusting and polishing spray cleaner, however avoid spraying the plastic or metal parts of this system.

We recommend that you spray the cleaner on your dust cloth, not directly on the cabinet, to avoid getting any of the spray on the plastic or metal parts.

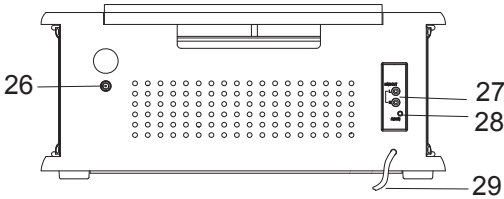
# LOCATION OF CONTROLS AND INDICATORS

## FRONT PANEL



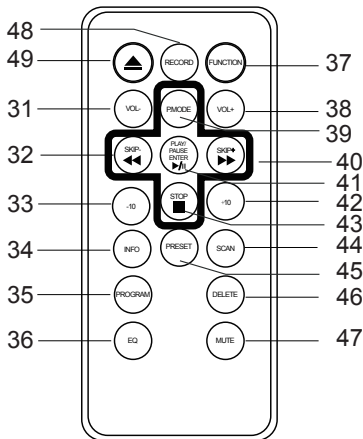
- |                                   |  |
|-----------------------------------|--|
| 1) Phonograph Lid                 | 16) CD Door  |
| 2) Phonograph Lid Support Bracket | 17) Tuning/Enter Knob                              |
| 3) Speakers                       | 18) PLAY/PAUSE Button(▶  )                         |
| 4) USB Socket                     | 19) STOP Button(■)                                 |
| 5) POWER ON/OFF Button            | 20) DN/F.R Button(◀◀)                              |
| 6) RECORD Button                  | 21) UP/F.F Button(▶▶)                              |
| 7) FUNCTION Button                | 22) PLAY.MODE Button(↻)                            |
| 8) VOLUME Control                 | 23) OP/CL Button(▲)<br>(CD Open/Close Button)      |
| 9) LCD Display                    | 24) Cassette EJ/F.F Button<br>(Eject/Fast Forward) |
| 10) MENU Button                   | 25) Cassette Player Slot                           |
| 11) INFO Button                   |  |
| 12) SCAN Button                   |  |
| 13) PRESET Button                 |  |
| 14) EQ Button                     |  |
| 15) Remote Sensor                 |  |

## BACK PANEL



- 26) 75 ohm Antenna
- 27) LINE OUT L/R Jack
- 28) AUX IN Jack
- 29) AC Power Cord

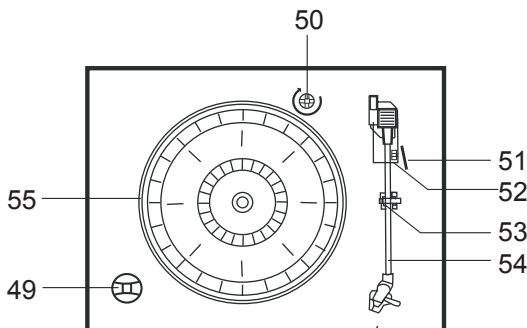
## REMOTE CONTROL OPERATION:



- 31) VOLUME -
- 32) SKIP -
- 33) - 10
- 34) INFO
- 35) PROGRAM
- 36) EQ
- 37) FUNCTION
- 38) VOLUME +
- 39) PLAY.MODE
- 40) SKIP +
- 41) PLAY.PAUSE / ENTER
- 42) + 10
- 43) STOP
- 44) SCAN
- 45) PRESET
- 46) DELETE
- 47) MUTE
- 48) RECORD.
- 49) OPEN/CLOSE.

**NOTE:**All of the buttons on the remote control have the same function as these buttons in the unit.

## PHONOGRAPH



- 49) 45 rpm Adapter
- 50) Transit Screw
- 51) Cue Lever
- 52) Speed Selector  
(33&45&78 rpm)
- 53) Tone Arm Lock
- 54) Tone Arm with Stylus
- 55) Turntable

# OPERATING INSTRUCTIONS

## POWER ON

- 1) To turn on the unit, press the power button on the front panel.
- 2) Press the function buttons to select your desired function.
- 3) Start to adjust the volume by using the **VOLUME** control.
- 4) To turn off the unit, press and hold the power button until the display goes out.

If nobody press and hold the POWER button to turn off the unit after stopping playing, the unit will POWER off automatically.

## USB OPERATION

- 1) Press the function button to enter USB mode.
- 2) Insert a USB device into the USB socket. The player will begin to play the first song of the USB.
- 3) MP3 icon will be shown while MP3 is detected.
- 4) PLAY/PAUSE, DN/F.R/UP/F.F and STOP functions are the same as in CD play mode.

## PLAYING IN MP3 MODE(UNDER CD/USB OPERATION)

- 1) Press **PLAY/PAUSE** button to start or pause playback of the selected track in the **CD/USB** mode.
- 2) While playing the song, the song number and folder number of your selected track will be shown on the screen.  
MP3 icon will be shown.
- 3) You can stop the playback at any time by pressing the **STOP** button.



## BLUETOOTH OPERATION

- 1, Turn on the unit, press function button to enter into BLUETOOTH mode;
- 2, Select from your portable device (Smartphone, Tablet...)the ID bluetooth tagged as 'DBT', then confirm connection;
- 3, Now you can transfer the music to NR513DAB and all operations can only be operated from your mobile device.


## TRACK SKIP AND HIGH SPEED TRACK SEARCH IN CD/USB MODE


During **CD/USB** playback, press **SKIP +** (Fast Forward) or **SKIP -** (Fast Reverse) button repeatedly will skip to higher or lower tracks. Release the button when your desired track number is shown. The disc will begin to play from your selected track.


To rapidly search forward or backward within a track and locate a specific passage of it, depress and hold SKIP + or SKIP - button. The player will search forward or backward at a high speed. Release the button when you hear your desired passage and the playback will resume normal from that point.

*To skip 10 tracks BACKWARDS/AFTERWARDS, press TRACK+10/TRACK-10 button on remote control.*

## REPEAT/RANDOM FUNCTION IN CD/MP3 MODE(UNDER CD/USB OPERATION)

- 1) Press the PLAY.MODE button on the unit or the P.MODE MENU button on the remote control, the player will repeat the current playing track and '  ' will show on the screen.
 

00:00 MP3  
 DISC  
 F001 001 00:01
- 2) Press the PLAY.MODE button on the unit or the P.MODE MENU button on the remote control secondly, the player will repeat the tracks in the playing folder and '  FOLDER ' will show on the screen.
 

00:00 MP3  
 DISC  
 F001 001 00:01
- 3) Press the PLAY.MODE button on the unit or the P.MODE MENU button on the remote control thirdly, the player will repeat the tracks in the whole playing USB or CD and '  ALL ' will show on the screen.
 

00:00 MP3  
 DISC  
 F001 001 00:01
- 4) Press the PALY.MODE button on the unit or the P. MODE MENU button on the remote control fourthly, the player will enter into the RANDOM playing mode, the 'RDM' will show on the screen. Press DN / UP or Skipp + /Skipp - to choose the playing tracks by random. Press the PLAY.MODE button on the unit or the P.MODE MENU button on the remote control again to cancel the RANDOM function and the unit resume to the normal palying sequence.
 

00:00 MP3  
 DISC RDM  
 F001 001 00:01

## MEMORY FUNCTION IN CD/MP3 MODE

- 1) In CD stop mode, press the PLAY.MODE button on the unit or the PROGRAM button on the remote control to enter PROGRAM mode, 'DISC' 'MEM' T00' 'P01' will show on the screen.
 

00:00 MP3  
 DISC MEM  
 T000 P01
  - 2) Press the UP/F.F. button or DN/F.R button to select your desired track and then press the PLAY.MODE or PRGRAM button to confirm.
  - 3) Repeat the step 1 and step to continue to program.
- Note: You can save a total of 99 MP3 tracks and 20 CD tracks. 'PROGFULL' will show on the screen once over 99 MP3 tracks or 20 CD tracks.
- 4) Press the PLAY/PAUSE button to play the saved tracks, press UP/F.F or DN/F.B to select a track in the sequence saved.
  - 5) Press the the STOP button twice to leave program mode. The entire program stored in memory is cancelled.



# USB RECORDING

## 1) RADIO RECORDING

Plug U DISK into USB socket. During FM playing mode, press RECORD one time, the 'usb' on the display will flash after 5 seconds and the recording is starting.

Press **STOP** button to stop recording when you finished recording.

Note: During the recording mode, press PLAY.MODE button one time to stop the recording and 'usb' will stop to flash; press PLAY.MODE button again to restart the recording and the 'usb' will resume to flash.

## 2) CD RECORDING

Plug U DISK into USB socket. During the playing mode, press the RECORD button one time, 'REC-1' will show on the display to confirm to choose record the playing track. Press UP/F.F<SKIP+> one time to choose record the whole file in the CD and 'REC-F' will show on the display.

## 3) Mp3 DISC RECORDING

Plug U DISK into USB socket. During MP3 playing mode, press RECORD one time, 'REC-1' will show on the display, then press the RECORD button twice to confirm, 'REC' 'usb' will flash and start to record after 5 seconds; press PLAY/PAUSE one time to stop the recording and 'usb' will not flash; press PLAY/PAUSE again to resume to record and 'usb' will flash again.

## 4) CASSETTE RECORDING

Plug U DISK into USB socket. During TAPE playing mode, press RECORD one time, 'REC-1' will show on the display, then press the RECORD button twice to confirm, 'REC' 'usb' will flash and start to record after 5 seconds; press PLAY/PAUSE one time to stop the recording and 'usb' will not flash; press PLAY/PAUSE again to resume to record and 'usb' will flash again.

## 5) PHONOGARPH RECORDING

Plug U DISK into USB socket. During TAPE playing mode, press RECORD one time, 'REC-1' will show on the display, then press the RECORD button twice to confirm, 'REC' 'usb' will flash and start to record after 5 seconds; press PLAY/PAUSE one time to stop the recording and 'usb' will not flash; press PLAY/PAUSE again to resume to record and 'usb' will flash again.

## 6) BLUETOOTH RECORDING

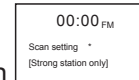
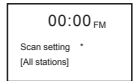
Plug U DISK into USB socket. During BLUETOOTH playing mode, press RECORD one time, 'REC-1' will show on the display, then press the RECORD button twice to confirm, 'REC' 'usb' will flash and start to record after 5 seconds; press PLAY/PAUSE one time to stop recording and 'usb' will not flash; press PLAY/PAUSE again to resume to record and 'usb' will flash again.

**NOTE:**Recording will be failed if press STOP button during the recoding.

- 7) Press the **DELETE** button one time, the **DEL-1** will show on the display. You can del. the playing track. Press UP/F.F<SKIP+> one time to del. the playing file and 'DEL-F' will show on the display; press UP/F.F<SKIP+> twice to del. all of the tracks into the playing USB and 'DEL - A' will show on the display. Finally press DELETE button again once confirmed to choose 'DEL-1''DEL-F' or 'DEL-A'.

## RADIO OPERATION

- 1) Turn on the system and set the volume to a low level. Press FUNCTION button to enter into FM mode.
- 2) Connect the FM antenna onto the 75ohm socket at the back of the unit, press the SCAN button to start auto-search the FM stations. Or rotate the TUNING/ENTER control to tune the desired radio station. If you tune to a FM stereo station, the 'stereo' will show on the display. If you tune to a weaker FM station, the reception will automatically switch to mono. You may press TUNING/ENTER to change Stereo or Mono mode.
- 3) During FM working mode, press INFO button to see the following information on the screen: Program Type / Program No./ AUDIO / TIME / DATE, etc.
- 4) During FM working mode, press MENU button to set 'Scan setting'. Rotate the TUNING/ENTER control one time and the 'Scan setting All station' will show on the screen, press the TUNING/ENTER control to confirm. Press scan button in FM mode, the player will scan all of the FM stations.
- 5) Rotate the TUNING/ENTER control secondly and the 'Scan setting strong stations only' will show on the screen, press TUNING/ENTER control to confirm. Press scan button in FM mode, the player will scan the FM stations with strong signals only.
- 5) When you finished listening, press the **POWER** button for 3 seconds to turn the system off.



## DAB OPERATION

- 1) Turn the system 'on' and set the volume to a low level. Press FUNCTION button to enter into DAB mode.
- 2) Connect the DAB antenna onto the 75ohm socket at the back of the unit, the player will scan the DAB station automatically till receive the DAB station.
- 3) Rotate TUNING/ENTER button to choose the DAB stations manually. Choose the desired DAB station and press TUNING/ENTER control to confirm to play. If you tune to a DAB stereo station, the 'stereo' will show on the screen.
- 4) During DAB playing mode, press INFO button to see the information of the playing DAB station on the screen, i.e Program Type / Program No. / Frequency Range / Signal Strength / Time / Date etc.



## MEMORY FUNCTION IN DAB/FM MODE

- 1) In DAB/FM playing mode, choose the desired radio station. Press and hold PRESET button for 2 seconds, 'Preset Store 1: (Empty)' will show on the screen, press the TUNING/ENTER control to confirm and 'Preset 1 Stored' will show on the screen.



- 2) Rotate TUNING/ENTER control or press SKIP+/- button on the remote control to choose the desired radio station programed.
- 3) Repeat the above 1 - 2 steps to program 10 desired DAB stations or 10 FM stations.
- 4) Press PRESET button one time to play the stored tracks. Rotate the TUNER/ENTER control or press SKIP/- button on the remote control to choose the desired stored tracks.

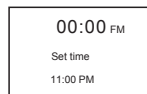
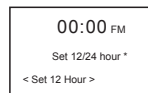
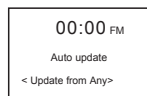
## MUTE / EQ OPERATION

During playing mode, press MUTE button one time, the sound will not be heard from the speakers and 'MUTE ON' will show on the display; press MUTE button or Volume +/- or EQ button to cancel mute function and the sound can be heard again from the speakers.

During playing mode, press EQ button to choose different sound effect among POP / CLASSIC / ROCK / JAZZ / FLAT, you can choose the desired one.

## TIMER AND DATE SETTING

- 1) During FM or DAB mode, press MENU button to choose SYSTEM by rotating TUNING/ENTER control, press it to confirm enter into SYSTEM.
- 2) Rotate TUNING/ENTER control to choose TIME setting and press it enter into TIME setting procedures, 'TIME' 'Set Time/Date' will show on the screen.
- 3) Enter into 'Set Time/Date': 'Auto update' 'Set 12/24 Hour' will show on the screen by turn when you rotate TUNING/ENTER control.
- 4) 'Auto update' after confirmed: 'No update' / 'Update from Any' / 'Update from DAB' and 'Update from FM' will show on the screen by turn when you rotate TUNING/ENTER control. You may choose your disired updte mode by pressing the TUNING/ENTER control to confirm.
- 5) 'Set 12/24 Hour' after confirmed: 'Set 12 Hour' 'Set 24 Hour' will show on the screen.
- 6) Confirm 12 Hour or 24 Hour to start set the time, 'Set Time' / 'Hour' 'Minute' 'AM or PM' will show on the screen. Rotate and press TUNING/ENTER control to set.
- 7) Time setting finished and start to set the date. 'Set Date' '1-1-2009' will show on the screen. Rotate and press TUNING/ENTER control to set.



## Language Setting

During FM or DAB mode, press MENU button to choose LANGUAGE by rotating TUNING/ENTER control, press it to confirm enter into LANGUAGE setting. You can choose from English - Nederlands - Deutsch - Norsk - Svenska.



## CD OPERATION

- 1) Turn the system ON, press the FUNCTION button to enter into CD mode.
- 2) Press the **OP/CL** button to open the CD drawer.
- 3) Place your disc(MP3 is compatible) in the CD drawer with the label side facing up.
- 4) Press the **OP/CL** button again to close the CD drawer. The disc will spin for a few seconds while the player is reading the disc, then the disc stops spinning and start to play the first track of the disc.
- 5) MP3 icon will be shown while MP3 is detected. No icon will be shown when no MP3 file is detected in the disc.

## CASSETTE OPERATION

**Note:** Before inserting a tape in the player be sure that there is no excess slack in the cassette that could become jammed in the mechanism. Refer to the CARE AND MAINTENANCE section for instructions on removing excess slack from the cassette.

- 1) Press the POWER button to turn on the system on;
- 2) Press FUNCTION button enter into the TAPE mode;
- 3) Insert your cassette into the slot located on right side cabinet, as shown in the illustration, with the side you wish to play facing 'up' and the open end on the right side.
- 4) Cassette playback begins as soon as the tape is inserted. Adjust the **VOLUME** control to the desired level.
- 5) To advance the tape rapidly, depress the **EJ/F.F** (Eject/Fast Forward) button approximately half way.

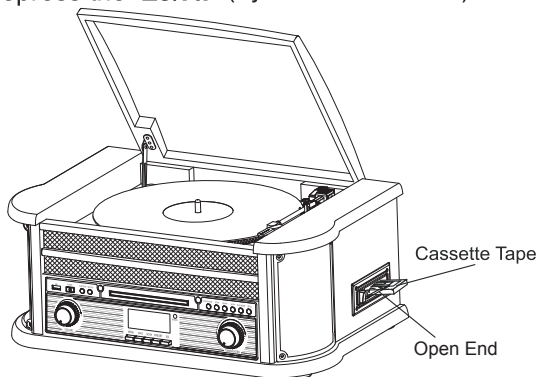
The tape will move forward rapidly as long as the button

is depressed.

Normal playback will resume when the button is released.

- 6) When the tape ends,

the player stops automatically. Depress the **EJ/F.F** (Eject/Fast Forward) button completely to remove the cassette from the player. You may press the **EJ/FF** (Eject/Fast Forward) button to stop playback and remove the cassette at any time.



## PLAYING RECORDS

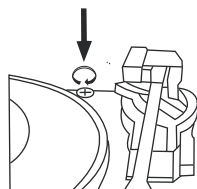
This system includes a full-size, 3-speed, belt-drive turntable. You can play 33, 45 and 78 rpm records.

- 1) Press the **POWER** button at the front panel and set the volume to a low level.
- 2) Press the **PHONO** button to enter the PHONO mode.
- 3) Make sure that you have removed the stylus cover from the stylus and have released the tone arm lock that secured the tone arm to the tone arm rest.
- 4) Set the turntable speed selector to the appropriate speed 33, 45 or 78 rpm. If you are playing 45 rpm 'singles', place the 45 rpm adapter on the centre spindle.
- 5) Place your record on the centre spindle.
- 6) Raise the cue lever to lift the tone arm off its rest. Move the tone arm to the edge of the record. The turntable starts automatically. Use the cue lever to gently lower the tone arm onto the record.
- 7) Adjust the **VOLUME** control to the desired level.
- 8) When the tone arm reaches the end of the record it automatically returns to the tone arm rest and the record player stops.
- 9) To turn the system 'off', press the **POWER** button again and the **POWER** indicator goes 'off'.

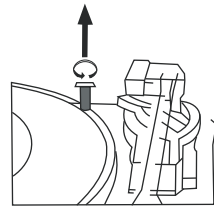
**NOTE:** Do not turn or stop the turntable manually. Moving or jarring the turntable without securing the tone arm clamp could result in damage to the tone arm.

## IMPORTANT!!

- TO PROTECT THE TURNTABLE FROM DAMAGE DURING TRANSPORTATION, A SILVER TRANSIT SCREW IS LOCATED AT THE UPPER RIGHT OF THE TURNTABLE PLATFORM.
- BEFORE PLAYING, PLEASE USE A SCREWDRIVER TO TURN THE TRANSIT SCREW IN CLOCKWISE DIRECTION (SCREW GOING DOWN) COMPLETELY

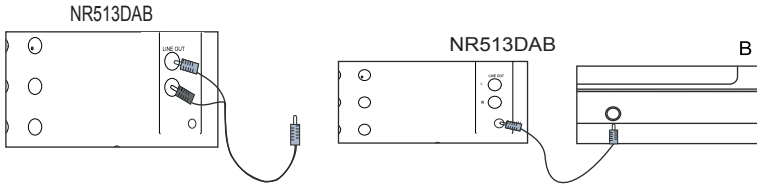


- TO CLOCK THE TURNTABLE AGAIN FOR TRANSPORTATION, PLEASE TURN THE SCREW IN COUNTER-CLOCKWISE DIRECTION.



## LINE OUT OPERATION

This system includes a set of **LINE OUT** jack which allow you to record from the Radio or Phonograph of this system to an external recording device such as a cassette recorder, Mini-Disc, etc. In any play mode insert the audio cable(not include) into the matching “LINE OUT” socket of the unit, operate NR513DAB as usual, and through the speakers of A, we can hear the sound exported from NR513DAB



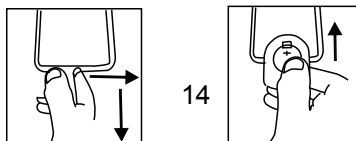
## AUX-IN

This unit is equipped with an AUX IN input jack, which allows an additional device ( MP3 player) to join. Press POWER to turn on the unit. Press FUNCTION, select PHONO to switch to the AUX mode. Connect a commercially available AUX cable with 3.5mm plug to the jack.

Note: Make sure that the volume on your external device ( MP3 player) is set to at least half the volume.

## LITHIUM BATTERY INSTALLATION OF REMOTE CONTROL

- The remote control requires one CR2025 (3V) lithium battery.
- Hold and lever pressing the clasp with the thumb in the right direction of the arrow in the illustration, and take out the battery compartment by sliding with forefinger in the direction to yourself. Take out the battery compartment from the remote control. Install a lithium battery(CR-2025) in the compartment with the positive polarity upturned Level hold and push the battery compartment into the remote control lightly. Its okay once hear a click.



# CARE AND MAINTENANCE

## CASSETTE CARE

Two common causes of trouble experienced when using cassettes are:

- 1) Tape jamming - Leading to uneven speed in playback, and
- 2) Tape tangling - Where the tape wraps itself around vital parts of the mechanism.

To reduce the likelihood of these problems occurring, the following precautions should be observed:

- Check that there are no loose layers of tape visible through the cassette centre window (see Fig.1). Take up any loose layers, using a pencil or hexagonalbarrelled ballpoint pen, before inserting the cassette into the machine (see Fig.2).

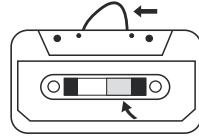


Fig. 1

- If the cassette feels "tight" while performing operation shown (see Fig.2), the Tape may be jamming due to "ridges" formed in the winding of the tape (visible through the centre window). These may be removed, in most cases, by fast winding of the cassette from one end to the other and back again.

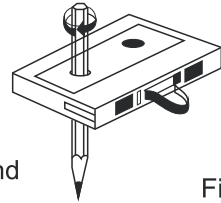


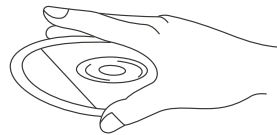
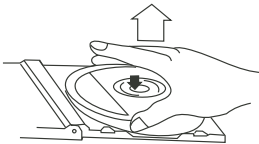
Fig. 2

- Use only well-known brands of tape. Avoid use of C-120 cassettes.

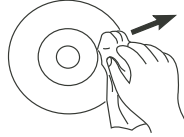
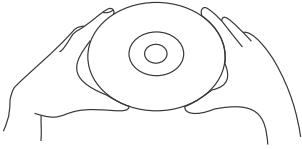
Furthermore, do not expose cassettes to direct sunlight, dust or oil, and do not touch the tape surfaces.

## COMPACT DISC CARE

- To remove a disc from its storage case, press down on the centre of the case and lift the disc out, holding it carefully by the edges.



- Fingerprints and dust should be carefully wiped off the discs recorded surface with a soft cloth. Unlike conventional records, compact discs have no grooves to collect dust and microscopic debris, so gently wiping with a soft cloth should remove most particles. Wipe in a straight line from the inside to the outside of the disc. Small dust particles and light stains will have absolutely no effect on reproduction quality.



- Clean the disc periodically with a soft, lint-free, dry cloth. Never use detergents or abrasive cleaners to clean the disc. If necessary, use a CD cleaning kit.
- Never write on or affix labels to the surface of compact discs.

## TECHNICAL SPECIFICATIONS

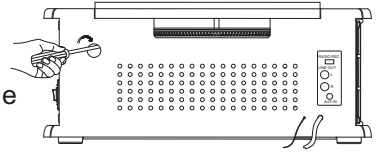
- 1) RADIO  
DAB: 174 - 239MHz  
FM: 89.5 - 108MHz
- 2) TURNTABLE SPEED:33/45/78 RPM CAN PLAY DISC  
SIZE:17.5/25/30mm
- 3) CD CAN PLAY CD/CD-R/CD-RW/MP3
- 4) USB CONNECTOR PLAY MP3
- 5) C60-C90 CASSETTE PLAYER(C120 CASSETTE IS NOT RECOMMENDED)
- 6) MAX CONSUMPTION POWER: 40W
- 7) OUTPUT POWER: 2 X 5W



## IMPORTANT!

To make sure the turntable can play the record with different standard completely, a hole with 'NO OPEN' pvc plate located at the back of the unit to adjust the screw inside the turntable.

When the turntable stop early and auto-return, pls. use a screw driver to turn the screw inside the hole about 45 degree in clockwise direction. If the record still can not be played completely, stop play and re-turn the screw 45 degree in clockwise direction again, till the turntable can play the record completely and then auto-return.



When the turntable can't stop and auto-return, but keep turning after playing the record completely, pls. use a screw driver to turn the screw inside the hole about 45 degree in counter-clockwise direction. If the turntable still can't stop and auto-return, stop play and re-turn the screw 45 degree in counter-clockwise direction again, till the turntable can stop and auto-return after playing the record completely.

