

Apera NS-8091BT

NNS NS-8091BT Music System User Manual

Model: NS-8091BT

INTRODUCTION

Thank you for purchasing the Apera NNS NS-8091BT Music System. This portable device combines a classic FM radio with modern connectivity options, including USB, Micro SD, and Bluetooth 5.0. Its stylish design and versatile features make it an ideal companion for enjoying your favorite audio content anywhere. Please read this manual carefully before use to ensure proper operation and to maximize your listening experience.

IMPORTANT SAFETY INFORMATION

- Do not expose the device to rain, moisture, or extreme temperatures.
- Avoid dropping or subjecting the device to strong impacts.
- Do not disassemble or attempt to repair the device yourself. Refer all servicing to qualified personnel.
- Keep the device away from direct sunlight and heat sources.
- Ensure proper ventilation when operating the device.
- Use only the provided charging cable or a compatible 5V DC adapter for charging.
- Before first use, fully charge the device for approximately 2 hours.

PACKAGE CONTENTS

- NNS NS-8091BT Music System
- USB Charging Cable
- User Manual

PRODUCT OVERVIEW

Familiarize yourself with the various parts and controls of your NNS NS-8091BT Music System.



Figure 1: Front View of the Music System

This image displays the front of the NNS NS-8091BT Music System, highlighting its vintage-inspired design with a prominent speaker grille, a frequency display, and two rotary knobs for volume/power and tuning. The model number "NS-8091" is visible on the front panel.



Figure 2: Side View with Connectivity Ports

This image shows the side panel of the music system, detailing the input ports. From top to bottom, these include a standard USB port, a Micro SD (TF) card slot, and a DC 5V charging port, along with a "CHARGE" indicator.



Figure 3: Rear View with Battery Compartment

This image illustrates the back of the music system, revealing the battery compartment. It is designed to accommodate one 18650 rechargeable battery (visible in blue) and two UM-1 (D-cell) 1.5V batteries, providing flexible power options.

Controls and Indicators:

- **OFF/VOLUME Knob:** Turns the unit on/off and adjusts the volume level.
- **TUNING Knob:** Used to tune into radio stations.
- **Band Selector Switch:** Selects between FM, AM, and SW radio bands.
- **Mode Button:** Switches between FM Radio, USB/Micro SD, and Bluetooth modes.
- **Playback Control Buttons:** Previous Track, Play/Pause, Next Track (for USB/Micro SD/Bluetooth modes).
- **USB Port:** For playing MP3 files from a USB flash drive.
- **Micro SD (TF) Card Slot:** For playing MP3 files from a Micro SD card.
- **DC 5V Charging Port:** For connecting the charging cable.
- **CHARGE Indicator:** Lights up when the device is charging.
- **Telescopic Antenna:** For improving FM and SW radio reception.
- **Battery Compartment:** Houses the 18650 rechargeable battery and slots for two D-cell batteries.

SETUP

1. Charging the Battery:

1. Locate the DC 5V charging port on the side of the unit.
2. Connect the provided USB charging cable to the port.
3. Connect the other end of the USB cable to a standard USB power adapter (not included) or a computer USB port.
4. The "CHARGE" indicator light will illuminate, indicating that the device is charging.
5. For first use, charge the device for approximately 2 hours to ensure the 1200mAh 18650 rechargeable battery is fully charged.
6. Once fully charged, the indicator light may change color or turn off (behavior may vary by unit). Disconnect the charging cable.

Note: The unit can also be powered by two D-cell (UM-1 1.5V) batteries. Insert them into the battery compartment on the back, ensuring correct polarity.

2. Antenna Setup:

For optimal radio reception, extend the telescopic antenna fully when using FM or SW radio modes.

OPERATING INSTRUCTIONS

1. Power On/Off and Volume Control:

- To turn on the device, rotate the **OFF/VOLUME** knob clockwise until you hear a click and the unit powers on.
- Continue rotating the knob clockwise to increase the volume. Rotate counter-clockwise to decrease the volume.
- To turn off the device, rotate the **OFF/VOLUME** knob counter-clockwise until you hear a click and the unit powers off.

2. FM Radio Operation:

1. Turn on the device using the **OFF/VOLUME** knob.
2. Set the Band Selector switch to "FM".
3. Extend the telescopic antenna for better reception.
4. Rotate the **TUNING** knob to scan for available FM radio stations. The frequency display will show the current frequency.
5. Adjust the **TUNING** knob until you find a clear signal for your desired station.

Note: The device also supports AM and SW bands. Select the appropriate band using the Band Selector switch and tune as described above.

3. USB / Micro SD MP3 Player Operation:

1. Turn on the device.
2. Insert a USB flash drive into the USB port or a Micro SD card into the TF card slot. Ensure the card is inserted correctly.
3. The unit should automatically switch to USB/Micro SD mode and begin playing MP3 files. If not, press the **Mode** button to cycle through modes until you reach USB/Micro SD mode.
4. Use the **Previous Track**, **Play/Pause**, and **Next Track** buttons to control playback.

4. Bluetooth Operation:

1. Turn on the device.
2. Press the **Mode** button to switch to Bluetooth mode. The unit will emit an audible prompt indicating it's ready for

pairing.

3. On your smartphone, tablet, or other Bluetooth-enabled device, enable Bluetooth and search for available devices.
4. Select "NS-8091BT" (or similar name) from the list of found devices to pair.
5. Once successfully paired, the unit will emit another audible prompt. You can now play audio from your connected device wirelessly through the music system.
6. Use the playback controls on your connected device or the **Playback Control Buttons** on the music system to manage your audio.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the unit. Do not use abrasive cleaners, waxes, or solvents.
- **Storage:** When not in use for extended periods, store the device in a cool, dry place away from direct sunlight.
- **Battery Care:** If using the rechargeable battery, ensure it is charged regularly to maintain its lifespan. If using D-cell batteries, remove them if the unit will not be used for a long time to prevent leakage.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No power	Battery is depleted or not inserted correctly.	Charge the rechargeable battery or replace the D-cell batteries. Ensure batteries are inserted with correct polarity.
Poor radio reception	Antenna not extended; weak signal area.	Fully extend the telescopic antenna. Try repositioning the unit for better signal.
USB/Micro SD not playing	Incorrect mode; unsupported file format; corrupted media.	Press the Mode button to select USB/Micro SD mode. Ensure files are in MP3 format. Try a different USB drive or Micro SD card.
Bluetooth not connecting	Not in Bluetooth mode; device not discoverable; already paired with another device.	Press the Mode button to select Bluetooth mode. Ensure Bluetooth is enabled on your external device and it's in pairing mode. Disconnect from other Bluetooth devices.
Low volume or distorted sound	Volume too low; battery low; audio source issue.	Adjust the volume knob. Charge the battery. Check the volume on your connected Bluetooth device or the quality of the MP3 file/radio signal.

SPECIFICATIONS

Model	NS-8091BT
Brand	Apera
Connectivity	Bluetooth 5.0, USB, Micro SD (TF)
Radio Bands	FM, AM, SW (3-band)
Speaker Output Power	5 Watt

Power Source	1200mAh 18650 Rechargeable Battery (included), 2 x UM-1 (D-cell) 1.5V Batteries (not included)
Charging Input	DC 5V
Product Dimensions (L x D x H)	18 cm x 8 cm x 13.5 cm
Material Type	Oak Wood (finish)
Compatible Devices	Smartphones, Tablets, USB Flash Drives, Micro SD Cards

Warranty and Support

For warranty information and technical support, please refer to the warranty card included with your product or contact Apera customer service through their official website or the retailer where you purchased the product. Please have your model number (NS-8091BT) and purchase details ready when contacting support.

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