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## Cayin N3-Ultra

# Cayin N3 Ultra High Resolution Player User Manual

Model: N3-Ultra



## 1. INTRODUCTION

The Cayin N3 Ultra is a high-resolution digital audio player designed for audiophiles seeking exceptional sound quality. It features advanced audio processing capabilities, including vacuum tube integration, to deliver a rich and immersive listening experience. This manual provides comprehensive instructions for setting up, operating, and maintaining your N3 Ultra player.

## 2. WHAT'S IN THE BOX

Please check the contents of your Cayin N3 Ultra package. If any items are missing or damaged, please contact your retailer.

- Cayin N3 Ultra High Resolution Player
- Charging Cable (USB)
- User Manual

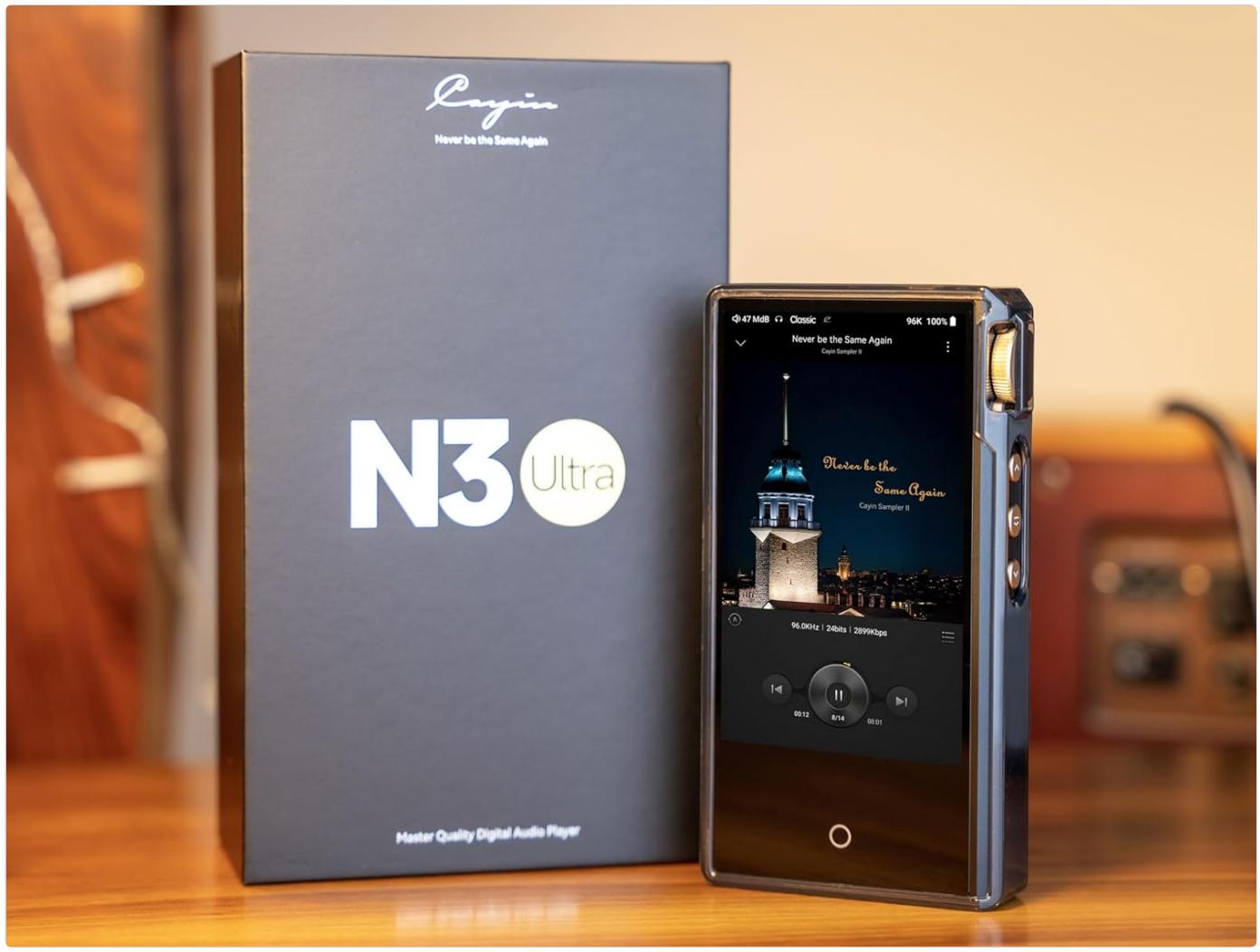


Image: The Cayin N3 Ultra player displayed next to its retail packaging, showing the product and its box.

### 3. PRODUCT OVERVIEW

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Familiarize yourself with the various components and controls of your Cayin N3 Ultra.



Image: A detailed view of the Cayin N3 Ultra, highlighting its touchscreen display, side control buttons, and the prominent gold-colored volume knob.

### 3.1 Front and Side Controls

- **Display Screen:** High-resolution LCD for navigation and content display.
- **Volume Knob:** Gold-colored rotary knob for precise volume adjustment.
- **Control Buttons:** Side-mounted buttons for playback control (Play/Pause, Next, Previous) and menu navigation.



Image: Top view of the Cayin N3 Ultra, showing the Micro SD card slot for expandable storage and the power button.

### 3.2 Top and Bottom Ports

- **Micro SD Card Slot:** For expanding storage with Micro SDHC, Micro SDXC, or Micro SD cards.
- **USB Port:** For charging and data transfer.
- **Audio Output Ports:** Various audio output jacks for headphones and line-out connections.



Image: Bottom view of the Cayin N3 Ultra, displaying the various audio output ports and the USB charging/data port.

## 4. SETUP

### 4.1 Charging the Device

Before first use, fully charge your Cayin N3 Ultra. Connect the provided USB charging cable to the player's USB port and the other end to a compatible USB power adapter (not included) or a computer's USB port.

1. Locate the USB port on the bottom of the device.
2. Insert the small end of the charging cable into the player's USB port.
3. Connect the large end of the charging cable to a USB power source.
4. The charging indicator on the device will illuminate.

### 4.2 Inserting a Micro SD Card

The Cayin N3 Ultra supports Micro SD, Micro SDHC, and Micro SDXC cards for expandable storage of your music files.

1. Locate the Micro SD card slot on the top of the device.
2. Gently insert the Micro SD card into the slot with the gold contacts facing down until it clicks into place.
3. To remove, gently push the card in again until it springs out.



Image: A close-up view of the top of the Cayin N3 Ultra, clearly showing the Micro SD card slot where external storage can be inserted.

## 5. OPERATING INSTRUCTIONS

### 5.1 Powering On/Off

- **To Power On:** Press and hold the Power button (located on the top) until the screen illuminates.
- **To Power Off:** Press and hold the Power button until a power-off prompt appears on the screen, then confirm.

### 5.2 Basic Navigation

The N3 Ultra features a touchscreen display for intuitive navigation. You can also use the physical buttons for common functions.

- **Touchscreen:** Tap to select, swipe to scroll.
- **Volume Knob:** Rotate clockwise to increase volume, counter-clockwise to decrease.
- **Side Buttons:** Use for Play/Pause, Skip Track, and Back functions as labeled.

### 5.3 Playing Music

1. Ensure your music files are loaded onto the Micro SD card.
2. Navigate to the "Music" or "Files" section on the device.
3. Browse your music library by artist, album, genre, or folder.
4. Tap on a song to begin playback.
5. Use the physical playback buttons or on-screen controls to manage playback.

## 5.4 Vacuum Tube Integration

A key feature of the N3 Ultra is its vacuum tube integration, which can be activated to enhance the audio output with a warmer, more analog sound signature. Refer to the on-screen menu for options to enable or disable this feature and adjust related settings.



Image: The Cayin N3 Ultra's screen showing a music track playing, complete with album artwork and playback controls.

## 6. MAINTENANCE

### 6.1 Cleaning the Device

- Use a soft, dry, lint-free cloth to clean the screen and body of the player.
- Do not use abrasive cleaners, alcohol, or chemical solvents, as these may damage the surface.
- Avoid getting moisture into any openings.

### 6.2 Battery Care

- The device contains a Lithium-Polymer battery.
- Avoid exposing the device to extreme temperatures (hot or cold).
- For long-term storage, charge the battery to approximately 50% and store in a cool, dry place.

## 7. TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Device does not power on.	Low battery.	Charge the device for at least 30 minutes.
No sound output.	Volume too low; headphones not connected properly; incorrect output mode.	Increase volume; re-insert headphones; check audio output settings.
Cannot read Micro SD card.	Card not inserted correctly; card corrupted; unsupported format.	Re-insert card; try a different card; format card (this will erase data).
Device freezes or becomes unresponsive.	Software glitch.	Perform a soft reset by pressing and holding the power button for 10-15 seconds until the device restarts.

## 8. SPECIFICATIONS

Feature	Detail
Model Name	N3 Ultra
Brand	Cayin
Special Feature	Vacuum Tube Integration
Connectivity Technology	USB
Storage Capacity	2 GB (Internal, expandable via Micro SD)
Color	Black
Compatible Devices	All Audio Devices
Media Type	Micro SDHC, Micro SDXC, Micro SD
Screen Technology	LCD
Batteries	1 Lithium-Polymer battery (included)
Package Dimensions	17.5 x 10.5 x 5.5 cm; 500 Grams

## 9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official Cayin website or contact your local distributor. Keep your purchase receipt as proof of purchase for warranty claims.

*Note: Software updates are not guaranteed indefinitely. Please check the manufacturer's website for the latest information regarding software support.*

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