

Marantz ND8006

Marantz ND8006 Digital Media Player User Manual

Model: ND8006

1. INTRODUCTION

The Marantz ND8006 is a versatile digital media player designed to integrate various audio sources into a single unit. It functions as a CD player, network music streamer, digital-to-analog converter (DAC), and pre-amplifier. This device supports playback from physical CDs, local USB storage, and online services including streaming platforms and Internet radio. It incorporates HEOS multi-room audio technology, Apple AirPlay, and Bluetooth connectivity.

The ND8006 features Marantz's unique Musical Digital Filtering (MMDF) technology, audiophile-grade DACs, and HDAM (Hyper Dynamic Amplifier Module) circuitry to ensure precise handling of digital audio signals, resulting in high-resolution sound reproduction. It also includes a dedicated headphone amplifier with HDAM-SA2 and gain control. The unit can connect directly to powered speakers or a power amplifier via its variable level output, allowing it to serve as a multi-source digital player and pre-amplifier.

2. WHAT'S IN THE BOX

Please verify that all items listed below are included in your package:

- Marantz ND8006 Digital Media Player
- Remote Control
- AA Batteries (x2) for remote control
- Power Cord
- Audio Cables (if applicable, check packaging)
- Wireless Antennas (x2)

3. SETUP

3.1 Unpacking and Placement

Carefully remove the ND8006 from its packaging. Place the unit on a stable, level surface with adequate ventilation to prevent overheating. Avoid placing it near heat sources or in direct sunlight.

3.2 Connecting Antennas

Attach the two supplied wireless antennas to the antenna terminals on the rear panel of the ND8006. Ensure they are securely tightened and positioned vertically for optimal Wi-Fi and Bluetooth reception.



Figure 1: Front view of the Marantz ND8006 Digital Media Player.

3.3 Power Connection

Connect the supplied power cord to the AC inlet on the rear of the ND8006, then plug the other end into a suitable wall outlet. Ensure the unit's power switch is in the OFF position before connecting.

3.4 Audio Connections

The ND8006 offers various output options:

- **Analog Output (Fixed/Variable):** Connect to an amplifier's analog input using RCA cables. Use the fixed output for an amplifier with its own volume control, or the variable output if using the ND8006 as a pre-amplifier directly to a power amplifier or powered speakers.
- **Digital Outputs (Optical/Coaxial):** Connect to a separate DAC or digital input on an amplifier using an optical or coaxial digital cable.

For digital audio inputs, the ND8006 includes optical and coaxial digital inputs, as well as a USB-B input for connecting to a computer and a front USB-A port for USB storage devices.

3.5 Network Connection

The ND8006 can connect to your home network via wired Ethernet or Wi-Fi.

- **Wired Connection:** Connect an Ethernet cable from your router to the LAN port on the rear of the ND8006.
- **Wireless Connection:** After powering on, navigate to the network settings menu on the unit's display to connect to your Wi-Fi network. Follow the on-screen instructions to select your network and enter the password.

3.6 Remote Control Setup

Insert the two supplied AA batteries into the remote control, ensuring correct polarity. The remote can control both the ND8006 and compatible Marantz amplifiers.



Figure 2: Remote control for the Marantz ND8006.

4. OPERATING INSTRUCTIONS

4.1 Basic Operation

- **Power On/Off:** Press the power button on the front panel or the remote control.
- **Input Selection:** Use the 'INPUT' button on the front panel or the remote to cycle through available sources (CD, Network, USB-A, USB-B, Optical, Coaxial, Bluetooth).
- **Volume Control:** If using the ND8006 in variable output mode (as a pre-amplifier), adjust the 'LEVEL' knob on the front panel or the volume buttons on the remote.

4.2 CD Playback

Insert a CD into the disc tray. The unit will automatically switch to CD input and begin playback. Use the play, pause, stop, skip, and search buttons on the front panel or remote control.

4.3 USB Playback

Connect a USB storage device (e.g., USB flash drive, external hard drive) to the front USB-A port. Select 'USB-A' as the input. Use the navigation buttons on the unit or remote to browse and select audio files for playback.

4.4 Network Streaming (HEOS, AirPlay, Internet Radio)

Ensure the ND8006 is connected to your network. Download the HEOS app on your smartphone or tablet for comprehensive control over network features, including:

- **HEOS:** Access music streaming services (Spotify, Tidal, Amazon Music, etc.), Internet radio, and music files stored on your local network (NAS, PC). The HEOS app allows multi-room audio synchronization with other HEOS-enabled devices.
- **AirPlay 2:** Stream audio wirelessly from Apple devices (iPhone, iPad, Mac) to the ND8006.

- **Internet Radio:** Browse and play thousands of Internet radio stations via the HEOS app or the unit's menu.

4.5 Bluetooth Connectivity

Select 'Bluetooth' as the input. On your mobile device, enable Bluetooth and select 'Marantz ND8006' from the list of available devices to pair. Once paired, you can stream audio from your device to the ND8006.

4.6 DAC Functionality (USB-B Input)

Connect your computer to the ND8006's rear USB-B input using a USB cable. Install any necessary drivers (available on the Marantz website) on your computer. Select 'USB-B' as the input on the ND8006 to use it as an external DAC for your computer's audio output.

4.7 Headphone Output

Plug headphones into the 6.3mm (1/4 inch) headphone jack on the front panel. Adjust the 'PHONES LEVEL' knob to control headphone volume independently.

4.8 Voice Control (Amazon Alexa)

The ND8006 is compatible with Amazon Alexa. To enable voice control, link your HEOS account with your Alexa account through the Alexa app. You can then use voice commands to control playback, volume, and input selection.

5. MAINTENANCE

5.1 Cleaning

To clean the unit, wipe the exterior surfaces with a soft, dry cloth. For stubborn marks, use a slightly damp cloth with a mild, non-abrasive cleaner, then wipe dry. Avoid using harsh chemicals, solvents, or abrasive materials, as these can damage the finish.

5.2 Disc Tray Care

Keep the disc tray clean and free of dust. Avoid touching the lens inside the disc tray. If the tray becomes dirty, use a soft, dry cloth to gently clean it.

5.3 Firmware Updates

The ND8006 supports automatic firmware updates via its internet connection. Ensure the unit is connected to the internet to receive the latest software improvements and features. You can check for updates manually through the unit's setup menu.

6. TROUBLESHOOTING

If you encounter issues with your Marantz ND8006, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No power	Power cord not connected; Power outlet faulty	Ensure power cord is securely connected; Try a different power outlet.

Problem	Possible Cause	Solution
No sound output	Incorrect input selected; Amplifier not powered on; Cables loose; Mute activated	Select correct input source; Power on amplifier; Check all audio cable connections; Deactivate mute function.
CD does not play	Disc inserted incorrectly; Disc dirty or scratched; Disc format not supported	Insert disc correctly (label side up); Clean or replace disc; Ensure disc is a standard audio CD.
Network connection issues	Wi-Fi password incorrect; Router issues; Antennas not connected	Verify Wi-Fi password; Restart router; Ensure antennas are securely attached.
Remote control not working	Batteries depleted or inserted incorrectly; Obstruction between remote and unit	Replace batteries, ensuring correct polarity; Remove any obstructions; Ensure remote is pointed at the unit's IR sensor.

If the problem persists after attempting these solutions, please contact Marantz customer support for further assistance.

7. SPECIFICATIONS

The following are the technical specifications for the Marantz ND8006 Digital Media Player:

Feature	Detail
Model Name	ND8006
Product Dimensions (W x D x H)	17.32 x 14.53 x 4.17 inches (440 x 369 x 106 mm)
Item Weight	17.64 pounds (8.0 kg)
Color	Black
Connectivity Technology	Bluetooth, USB, Wi-Fi, Ethernet, AirPlay 2
Special Features	Unique Digital Filtering (MMDF), Wireless Streaming (HEOS), DAC, Pre-amplifier, Headphone Amplifier
Disc Compatibility	CD, CD-R/RW (MP3, WMA)
USB-A Input	Front panel, for USB storage devices
USB-B Input	Rear panel, for PC/Mac connection (DAC)
Digital Inputs	Optical (x2), Coaxial (x1)
Analog Outputs	RCA (Fixed/Variable)
Headphone Output	6.3mm (1/4 inch) with gain control
Power Consumption	Refer to product label for specific values
Batteries for Remote	2 x AA (included)



Figure 3: Angled front view of the Marantz ND8006.









Figure 4: Internal view showcasing the components of the Marantz ND8006.

8. WARRANTY AND SUPPORT

For detailed warranty information, please refer to the warranty card included with your product or visit the official Marantz website. Marantz provides customer support for product inquiries, technical assistance, and service requests.

To obtain support, please visit the Marantz support section on their official website or contact their customer service hotline. Have your product model number (ND8006) and purchase information ready when contacting support.

Related Documents - ND8006

	<p>Marantz ND8006 Network CD Player Quick Start Guide</p> <p>A concise guide to setting up and using the Marantz ND8006 Network CD Player, covering connections, network setup, audio playback via various sources including Internet Radio, AirPlay, Bluetooth, and computer audio.</p>
	<p>Marantz CD 50n Quick Start Guide: Setup and Usage</p> <p>A concise guide to setting up and using the Marantz CD 50n Network CD Player, covering connections, HEOS app setup, music playback via various sources, and PC/Mac audio.</p>
	<p>Marantz CD 50n Network CD Player Quick Start Guide</p> <p>A quick start guide for setting up and using the Marantz CD 50n Network CD Player, covering connections, wireless setup, and audio playback via various sources.</p>
	<p>Marantz CD 50n Guía de Inicio Rápido</p> <p>Guía de inicio rápido para el reproductor de CD y red Marantz CD 50n. Aprenda a conectar, configurar y disfrutar de su música a través de radio por Internet, AirPlay, Bluetooth y USB-DAC.</p>
	<p>Marantz SACD 30n Manuel de l'Utilisateur - Guide Complet</p> <p>Découvrez le lecteur SACD réseau Marantz SACD 30n avec ce manuel d'utilisation détaillé. Apprenez à connecter, configurer et utiliser toutes ses fonctionnalités pour une expérience audio optimale.</p>
	<p>Marantz PM7000N Network Integrated Amplifier Owner's Manual</p> <p>Explore the features, setup, and operation of the Marantz PM7000N Network Integrated Amplifier. This owner's manual provides detailed instructions for high-quality audio playback, network connectivity, and more.</p>