DENON

DENON DNP-2000NE

DNP-2000NE Network Player with Ultra AL32 Processing

Upgrade any existing audio system to play most digital audio sources—including your television—using HDMI ARC for an improved audio experience. The DNP-2000NE also connects to your home network so you can enjoy your favorite music services using HEOS® Built-in.

HIGHLIGHTS	YOUR BENEFITS
Universal playback of digital music files	With HEOS® Built-in, connect to your home network to provide near-limitless streaming options. Play back nearly any digital audio format available from a USB drive.
HDMI ARC	Simple, single cable connection to your TV via HDMI ARC input. Also allows direct volume control from the television or amplifier remote.
Ultra AL32 Processing	Experience audio beautifully faithful to the original sound. Ultra AL32 Processing algorithms restore information that was lost during digital recording.
Quad DAC configuration	Using a quad DAC configuration enables an improved, more powerful spatial expression of the soundstage, decreasing the low noise level and total harmonic distortion.
USB-DAC	USB-DAC input allows connection to a computer to access high-resolution audio files, supporting hi-res up to 11.2-MHz DSD and 384-kHz/32-bit PCM input signals.
High-grade audio components	All audio components have been carefully selected and optimized for the best sound quality.
Isolation system	DNP-2000NE's analog and digital circuit boards are isolated from each other. An independent power line from the transformer protects the analog circuit from interference and noise.
Support for major voice control agents	Enjoy effortless voice control from the leading voice agents. Speak commands with Amazon Alexa, Google Assistant, or Apple Siri. Switch between voice agents or pick a favorite.

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Ultra AL32 Processing

Ultra AL32 Processing utilizes data interpolation algorithms and supports high-resolution 192-kHz/24-bit PCM signal input. These algorithms interpolate points that should exist before and after the points in large quantities of data to achieve a smooth waveform that is close to that of the original signal.

Carefully restoring data that was lost during digital recording results in playback sound that is highly detailed, richly expressive in the lower range, and beautifully faithful to the original sound.

DAC master clock

Because accuracy is the key to performance, the high-quality master clock is the reference for the four-audio DAC operation, the network module, and USB-DAC to ensure that the digital audio circuitry performs at its maximum potential.

HEOS® Built-in

With HEOS Built-in technology, enjoy your favorite music in any room of your home for a wireless, whole-home audio experience. Play the same song in every room or select a different song for each connected room—the choice is yours. Enjoy streaming music from your favorite music service or your local music file libraries. With additional HEOS Built-in components, like HEOS-capable speakers, play all your music in one room or many.

Amazon Alexa voice control

Use your voice to stream your favorite music services via Alexa. Ask Alexa to play music, turn volume up or down, pause, mute, and play the next song—all with your voice.

To start streaming with Alexa voice commands, open the Alexa app, select "Skills," and add HEOS Home Entertainment. Then, go to Smart Home in the Alexa app menu and choose "Devices and Discover" or say, "Alexa, discover my devices."

Google Assistant voice control

Ask your Google Home, Google app, or other devices with Google Assistant built-in to control content across your listening environment. Start music in the HEOS app, then ask your Google Assistant to control volume, play, pause, skip tracks, and more. The "Works with the Google Assistant" feature is always improving.

AirPlay 2 and Apple Siri voice control

Stream audio from your favorite music services like Apple Music and Spotify or watch videos from services like YouTube and Netflix from any iPhone, iPad, Mac, or Apple TV. Hear audio perfectly synced to your speakers from AirPlay 2 sources. Use AirPlay 2 in-app or with your voice via Siri.

Technical Information

General

Unit (W x H x D mm)	434 x 107 x 421 (*includes antenna)
Cabinet Size	434 x 107 x 374
Net Weight	9.7 kg
Packaging Dimensions (W x H x D mm)	548 x 210 x 520
Packaging Gross Weight	12.0 kg
Carton Color	2 Color
Cushion/Packing	4 Separate/Sheet
Panel Color	Silver/Black/Gray
Front (Center) Panel	Aluminum
Side Cover	Steel (SECC) t1.0mm
Top Cover	Steel (SECC) t1.0mm
Bottom Layer/Bottom Plate	Double
Volume Rotary Knob	Aluminum
Function Button	Aluminum
Cursor/Enter/Function	Aluminum
Power Button	Aluminum

Audio (Lineout)

Frequency Response	DSD: 2 Hz–50 kHz (-3dB) PCM(44.1 kHz): 2 Hz–20 kHz
Harmonic Distortion	DSD: 0.0006% PCM: 0.0008% (24 bit)
S/N	DSD: 120dB PCM: 118dB
Dynamic Range	DSD: 112dB PCM: 118dB
Line Output Level	2.2Vrms
Variable Output Level	4.5Vrms
Headphone Output Level	150mW/32 ohms high gain

Power Consumption

Power Consumption	38W
at Standby	0.2W
at Network Control On (all of Bluetooth, Ethernet, Wi-Fi, USB)	Less than 2W

Analog Audio

Output Circuit	Minimum signal path
Power Transformer	EI transformer
H/P Amp Gain Setting	Yes (Low/Mid/High)

Digital Audio

DAC Circuit	384 kHz/32 bit (ES9018K2M) x4
Digital Filter	Fixed
Digital Processing	ULTRA AL32 Processing
Jitter Reducer	Yes
DAC Master Clock Design	Yes (Does not support network playback)
Asynchronous Mode (for USB B input)	Yes
Isolator (for USB B input)	Yes (and digital inputs)

Function

HEOS Control on Front Panel	Yes
HEOS Favorites Call/Add	Yes
Setup on Front Panel	Yes
Setup Assistant	Yes
TV Auto-Play (opt/coax digital-in detector)	Yes
Last Function Memory	Yes
Volume Limit	Yes
Sleep Timer	Yes
Auto Standby Mode	Yes
KPI (for usage data)	Yes

Accessories

Quick Start Guide	Yes
Remote Control	Yes
Battery	Yes (AAA x2)
Power Cord	Yes
Stereo RCA cable	x 1
IR control cable	x 1

Network

Engine (module or main device)	HEOS
Ethernet	Yes
Wi-Fi	2.4 GHz(11b/g/n) 5 GHz (11a/n/ac)
Wi-Fi Antenna	2 external detachable antenna
WPS (Wi-Fi protected setup)	PBC only
Wi-Fi Sharing	Yes (WAC)
WMM	Yes
OFF mode	Yes

Wireless Multiroom Audio

HEOS	Yes
Apple AirPlay2	Yes

Supported Audio File

MP3	Yes
WMA	Yes
AAC	Yes
WAV	Yes (~192 kHz/24 bit)
FLAC	Yes (~192 kHz/24 bit)
ALAC	Yes (~192 kHz/24 bit)
DSD (DIFF/DSF)	Yes (~5.6 MHz)
DSD Native Playback	Yes
Gapless Playback	Yes (WAV, FLAC, ALAC, AIFF, DSD)
Internet Radio	Yes (TuneIn)

Online Music Service

Pandora	Yes (NA)
Sirius XM Internet Radio	Yes (NA)
Spotify Connect	Yes
Deezer Premium/Deezer HiFi	Yes / - (NA/EU)
QQ MUSIC	Yes (China)
SoundCloud	Yes
Tidal	Yes (NA/EU)
Amazon Music Unlimited/Amazon Music HD/Prime Music	Yes/Yes/Yes
Napster	Yes
iHeartRadio	Yes (NA)
Mood Mix	Yes (NA/EU)
AWA	Yes (Japan)

Other

AirPlay	Yes (AirPlay 2)
Roon Certificaton	Yes
Firmware Update/Charged Upgrade	Yes / -