

DENON®



DENON PMA-900HNE

Integrated Network Amplifier with HEOS® Built-in music streaming

The Denon PMA-900HNE Integrated Network Amplifier, featuring Advanced High Current amplifier design, delivers superior audio from analog and digital sources. With phono input, digital inputs for TV sound, plus network audio streaming by HEOS® Built-in, Denon PMA-900HNE upgrades your listening experience from any source.

HIGHLIGHTS

YOUR BENEFITS

Expert sound engineering

Featuring carefully selected hi-fi parts and dedicated circuitry with short, straight paths between power supply, signal, and amplification to deliver a premium audio experience.

Denon Advanced High Current hi-fi amplifier

Includes discrete 85W amplification with Advanced High Current capability for full control over connected speakers.

Integrated phono input and MM/MC equalizer

Directly connect your turntable and enjoy the world of vinyl from any cartridge (MM or MC).

HEOS® Built-in wireless multi-room music streaming technology

Stream content to other HEOS speakers throughout your home and listen to a wide variety of music services from the internet.

Supports Spotify, Amazon Music, Tunes, Deezer, and more

Wirelessly stream and enjoy the most popular music services.

Digital Tunes internet radio

Enjoy the full bandwidth of worldwide radio stations.

Hi-Res Audio Certified

Network and USB allows for gapless playback of high-resolution audio including 192 kHz/24-bit FLAC, WAV, ALAC, and DSD 2.8/5.6MHz.

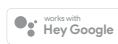
Amazon Alexa, Google Assistant, and Apple Siri voice control

Let you use your voice to control the PMA-900HNE and internet music services hands-free

Premium DAC

Hear the fine details of your music and don't miss a beat.

SINCE 1910 | DEFINING AUDIO EXCELLENCE





Streaming amplifier with analog and digital connectivity
Bring out the best from your analog, digital, and streaming sources with the Denon PMA-900HNE Integrated Network Amplifier featuring Advanced High Current amplifier design.

Advanced High Current integrated amplifier with 85W
Engineered with premium Denon amplifier technology and Advanced High Current capability, the PMA-900HNE integrated amplifier drives your loudspeakers with 85 watts of power-per-channel into 4 ohms.

Built-in music streaming via Wi-Fi, Bluetooth, and AirPlay 2 capability
The HEOS® Built-in Wi-Fi connects to your network to provide near-limitless streaming options. Listen to a wide array of online music services or connect to a smart device via AirPlay 2 or Bluetooth.

Optical and coaxial digital inputs
The PMA-900HNE features three optical inputs and one coaxial input and supports PCM signals up to 192 kHz/24-bit to improve sound quality of your TV audio and more.

MM and MC phono equalizer
The PMA-900HNE includes a phono equalizer that supports input from both MM and MC cartridges. The simple, straightforward design significantly improves sound quality.

Over 110 years of firsts in audio technology
Founded in 1910, Denon has a deep heritage of “firsts” in audio technology. This focused investment in audio R&D ensures you get the latest technology and highest quality with every listening experience.

Build integrity with thoughtfully selected components
With a more than 110-year legacy of designing premium audio components, trust that your Denon product is built to last.

Advanced High Current single push-pull circuit
The PMA-900HNE incorporates Advanced High Current (AHC) single push-pull circuitry adapted from high-end models to produce powerful sound with musical fidelity.

High precision electrical volume control with variable gain
The PMA-900HNE embraces electrical volume control while preserving the analog feeling of operation. The unique mechanism offers a smooth and absolutely channel-linear control of the master volume.

Vibration-resistant design for pristine sound
Vibration-resistant design reduces the adverse audio effects of heavy components within amplifiers resulting in pristine sound quality that meets Denon standards.

Main transformer with individual wiring
Separate coiled wires for the audio and control circuits of the PMA-900HNE's main power transformer eliminates interference and maintains exceptional sound quality.

Signal Level Divided Construction
The audio circuit uses the Signal Level Divided Construction (SLDC) chassis developed by Denon to ensure that delicate musical signals are faithfully amplified and transmitted to the speakers.

TV auto standby (digital input)
The PMA-900HNE includes auto-sensing to automatically switch the unit on when it senses digital audio signal from an external source like your TV.

Dedicated subwoofer output
Filtered (150Hz) subwoofer output performance if smaller speakers are used.

Hi-Res Audio Certified
Enjoy your audiophile-quality digital collection from a USB drive or through your network connection including formats like MP3, ALAC, WAV, FLAC HD, and DSD.

HEOS® wireless whole-home audio
As part of the HEOS® ecosystem, this unit connects with additional HEOS products to play the same music, synchronized, throughout your entire home.

Works with Alexa
Control the PMA-900HNE hands-free with Amazon Alexa and your voice. Adjust the volume, skip to the next track, and more—“Just Ask.” Requires Alexa app and Amazon Echo, Dot, or equivalent.

Works with Google Assistant
Ask your Google Assistant speaker or phone to stream your favorite songs. Control volume, play, pause, skip tracks, and more.

Technical Information		Others	
Specifications			
Total Harmonic Distortion	0.01% (-3dB, 8ohm, 1kHz)	Low Noise OLED display	Yes
Output Power: 8 Ohm (20 Hz-20 kHz, T.H.D. 0.07%)	50W + 50W	Source Direct	Yes
Output Power: 4 Ohm (1 kHz, T.H.D. 0.7%)	85W + 85W	Display: Dimmer / Off	Yes / Yes
Input Sensitivity: MM/MC	MM: 2.5mV / 47 kohm MC: 200 µV / 100 ohm	IR Learning for TV	Yes
Signal to Noise Ratio: MM/MC	86 dB / 71 dB	Ports	
Input Sensitivity: High level	105 mV / 40kohms (Source Direct Off)	Audio Input	Digital In: USB-B / Optical / Coaxial / USB-A 0 / 3 / 1 / 1 Phono Input: MM / MC Yes / Yes
Signal to Noise Ratio: High level	105dB	Audio Output	Pre-out / Main-in Subwoofer / No
Treble Control	± 8 dB at 10 kHz		Power Amp Direct In No
Bass Control	± 8 dB at 100 Hz		Gold-plated Cinch Yes
Features			Speaker A / B Yes
Advanced HC-TR single push-pull circuit	Yes		Remote Control Bus In/Out Yes (Remote Out)
Wide Range Amplifier	Yes	Headphone Out Yes	
High Current Dynamic Power Supply	Yes	Headphone Gain Control (low / mid / high) No	
Power Amp Discrete Construction	Yes	General	
Micro Processor Auto Off	Yes	Available Colors: Premium Silver / Black	Yes / Yes
Solid Heat Sinks	Yes	Metal Front Panel	Aluminum
Wi-Fi	2.4GHz (11b/g/n), 5GHz (11a/n/ac)	Power Consumption	200W
Wi-Fi / Wi-Fi Off Mode / Wired LAN	Yes / Yes / Yes	Standby Consumption	0.2W
Bluetooth / aptX / NFC	Yes / No / No	Auto Power Off	Yes
Internet Radio / Pandora / Sirius XM	Yes (TuneIn) / Yes (NA) / Yes (NA)	Detachable Power Cable	Yes
SoundCloud / Spotify Connect / Tidal	Yes / Yes / Yes (NA / EU)	Remote Control	RC-1246
DSD-Audio Network Streaming	Yes (5.6MHz)	System Remote Function	Yes
Lossy Formats: MP3 / WMA / AAC	Yes / Yes / Yes	Maximum Dimensions (W x D x H)	434 x 376 x 131mm
Lossless formats: DSD / FLAC HD 192/24 / ALAC 96/24 / WAV 192/24 / AIFF	Yes / Yes / Yes / Yes / No	Weight	8.3kg
Remote App: iOS / Android	Yes / Yes	Carton Maximum Dimensions (W x D x H)	518 x 385 x 209mm
Works with Amazon Alexa / Google Assistant / Apple AirPlay 2 (Siri)	Yes / Yes / Yes	Carton Weight (incl. product)	10.3kg

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