



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			
Specifications			
Total Harmonic Distortion		0.01% (-3dB, 8ohm, 1kHz)	
Output Power: 8 Ohm (20 Hz-20 kHz, T.H.D. 0.07%)		50W + 50W	
Output Power: 4 Ohm (1 kHz, T.H.D. 0.7%)		85W + 85W	
Input Sensitivity: MM/MC		MM: 2.5mV / 47 kohm	
		MC: 200 µV / 100 ohm	
Signal to Noise Ratio: MM/MC		86 dB / 71 dB	
Input Sensitivity: High level		105 mV / 40kohms (Source Direct Off)	
Signal to Noise Ratio: High level		105dB	
Treble Control		± 8 dB at 10 kHz	
Bass Control		± 8 dB at 100 Hz	
Features			
Advanced HC-TR single push-pull circuit		Yes	
Wide Range Amplifier		Yes	
High Current Dynamic Power Supply		Yes	
Power Amp Discrete Construction		Yes	
Micro Processor Auto Off		Yes	
Solid Heat Sinks		Yes	
Wi-Fi		2.4GHz (11b/g/n), 5GHz (11a/n/ac)	
Wi-Fi / Wi-Fi Off Mode / Wired LAN		Yes / Yes / Yes	
Bluetooth / aptX / NFC		Yes / No / No	
Internet Radio / Pandora / Sirius XM		Yes (TuneIn) / Yes (NA) / Yes (NA)	
SoundCloud / Spotify Connect / Tidal		Yes / Yes / Yes (NA / EU)	
DSD-Audio Network Streaming		Yes (5.6MHz)	
Lossy Formats: MP3 / WMA / AAC		Yes / Yes / Yes	
Lossless formats: DSD / FLAC HD 192/24 / ALAC 96/24 / WAV 192/24 / AIFF		Yes / Yes / Yes / Yes / No	
Remote App: iOS / Android		Yes / Yes	
Works with Amazon Alexa / Google Assistant / Apple AirPlay 2 (Siri)		Yes / Yes / Yes	

Others			
Low Noise OLED display		Yes	
Source Direct		Yes	
Display: Dimmer / Off		Yes / Yes	
IR Learning for TV		Yes	
Ports			
Audio Input	Digital In: USB-B / Optical / Coaxial / USB-A		0 / 3 / 1 / 1
	Phono Input: MM / MC		Yes / Yes
Audio Output	Pre-out / Main-in		Subwoofer / No
	Power Amp Direct In		No
	Gold-plated Cinch		Yes
	Speaker A / B		Yes
	Remote Control Bus In/Out		Yes (Remote Out)
	Headphone Out		Yes
	Headphone Gain Control (low / mid / high)		No
General			
Available Colors: Premium Silver / Black		Yes / Yes	
Metal Front Panel		Aluminum	
Power Consumption		200W	
Standby Consumption		0.2W	
Auto Power Off		Yes	
Detachable Power Cable		Yes	
Remote Control		RC-1246	
System Remote Function		Yes	
Maximum Dimensions (W × D × H)		434 × 376 × 131mm	
Weight		8.3kg	
Carton Maximum Dimensions (W × D × H)		518 × 385 × 209mm	
Carton Weight (incl. product)		10.3kg	

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