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 analogue 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
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 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.
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.
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.
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.
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.
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.
Dedicated subwoofer output	Filtered (150Hz) subwoofer output to extend bass performance if smaller speakers are used.

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

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.

Advanced High Current single push-pull circuit
Enjoy powerful sound with detailed, musical accuracy. The PMA-900HNE incorporates Advanced High Current (AHC) transistors with two to three times the electrical current supply capacity of conventional audio power transistors. The acclaimed Denon AHC single push-pull circuit is adapted from high-end models to join the discrete amplifier in the PMA-900HNE, producing powerful sound with musical fidelity.

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Music services
Supports Spotify, Amazon Music, TuneIn, Deezer, and more to wirelessly stream and enjoy the most popular music services.

"Roon Tested" Certified
All Denon products featuring HEOS Built-in, and AirPlay 2 are Roon Tested. Get more out of your digital music library with searchable, surfable information about your favourite artists and songs. Find lyrics, concert dates, photos, bios, reviews and more. Subscription required.

High precision electrical volume control with variable gain
The PMA-900HNE embraces electrical volume control while preserving the analogue 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.

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 favourite 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 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	Yes
Internet Radio	Yes (TuneIn)
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

Others	
Low Noise OLED display	Yes
Source Direct	Yes
Display: Dimmer / Off	Yes / 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	Subwoofer
	Gold-plated Cinch	Yes
	Speaker A / B	Yes
	Remote Control Bus In/Out	Yes (Remote Out)
	Headphone Out	Yes

General	
Available Colours	Premium Silver / Black
Metal Front Panel	Aluminium
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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