

DENON®

PRODUCT INFORMATION



DENON PMA-150H

INTEGRATED NETWORK AMPLIFIER WITH 70W POWER PER CHANNEL

ESSENTIAL AMPLIFICATION AND NETWORK PLAYER

The Denon PMA-150H integrated network amplifier lets you enjoy crisp, powerful, digitally amplified sound to your favorite loudspeakers or headphones with detailed musical accuracy. It combines Hi-Fi performance with Wi-Fi connectivity, and features next-generation Direct Digital Feedback Amplification (DDFA), making the PMA-150H a fully digital processing amplifier. It's Hi-Res audio certified, with digital inputs, USB-DAC and voice control capabilities with Amazon Alexa or Google Assistant. And with HEOS Built-in, you can enjoy online music streaming from services like Spotify Premium and free accounts, Pandora, Amazon Music and more.

HIGHLIGHTS

70 Watts per channel power output (4ohms, 1kHz, THD: 0.1%)

Advanced AL32 Processing Plus

Bluetooth® support

Digital and Analog inputs

USB-DAC for elevated sound quality

Fully digital processing amplifier

YOUR BENEFITS

Get the maximum performance to drive your favorite loudspeakers and headphones

Supports the ultimate in audiophile reproduction to enjoy music exactly as it was engineered to be heard

With a clean cosmetic antenna inside the unit, actively pair your smart phone to the PMA-150H to stream your favorite music

Features two Optical and one Coaxial digital input, plus two RCA analog inputs for music and TV sources

Enjoy up to PCM 384kHz/32bit and DSD file native playback (DSD 2.8/5.6/11.2MHz) from a directly connected computer

Built with four amplifiers that use next-generation Direct Digital Feedback Amplification (DDFA) to output pure sound free of internal or external analog noise

DENON 100+ YEARS "LEGACY OF FIRSTS" IN AUDIO TECHNOLOGY



ADVANCED AL32 PROCESSING Plus



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High Power Integrated Amplifier

This integrated amplifier provides all the power you need for most bookshelf and small floor standing speakers. Engineered to provide a purer digital amplification, the PMA-150H delivers a robust 70 Watts of power-per-channel (THD 0.1%, 1 ch driven), and supports both 4- and 8-ohm speakers.

Digital Amplifier with Next-Generation DDFA Technology

Enjoy dynamic high-fidelity sound with next-generation Direct Digital Feedback Amplification (DDFA) technology, which helps this amplifier keep its outputs free of internal or external analog noise. With the fully digital PMA-150H, all you'll hear is uninfluenced music, in an even purer form.

Built with Best-in-Class Electrical Components

Every electrical component in the PMA-150H was carefully selected and custom-designed by Denon sound engineers to fine-tune audio performance and meet the highest quality standards. Enjoy the highly detailed sound of Denon with precision and power.

Advanced AL32 Processing Plus

Advanced AL32 Processing Plus is the latest in analog waveform reproduction technology from Denon. This creates a highly detailed audio experience, free of interference, richly expressive in the lower range and beautifully faithful to the original sound. It supports high-resolution audio sources, with the algorithms adding in the points that should exist before and after large quantities of data. This smoothes out the waveform and restores information that was lost during the digital recording.

High-Resolution Audio

Enjoy music with superior detail and precision. Through HEOS Built-in, this amplifier decodes Hi-Res audio ALAC, FLAC and WAV lossless files up to 192kHz/24-bit, as well as DSD 2.8MHz and 5.6MHz tracks (the audiophile format of SACD).

Optical, Coaxial Digital, USB-A and USB-B Input

The PMA-150H features two Optical inputs, one Coaxial input, and a USB-A port to enjoy improved sound from any source. These digital inputs help to improve sound and visual quality of your TV audio, Blu-ray, media players and more. You can even use it to input high-resolution sound from an audio source on your computer. Now with USB-B DAC support, the PMA-150H powers PCM signals up to 384kHz/32bit and DSD11.2MHz.

Elevated Sound Quality with USB-B DAC

Now with advanced networking and noise isolation circuit for USB-B DAC, enjoy PCM 384kHz/32bit and DSD file native playback (DSD 2.8/5.6/11.2MHz) played directly from your computer, all working in asynchronous mode.

Bluetooth, Wi-Fi Connectivity and Bluetooth OFF mode

Stream your favorite audio tracks wirelessly via Wi-Fi and *Bluetooth*. The PMA-150H is equipped with 2.4GHz(11b/g/n), 5GHz(11a/n) technology for compatibility with the widest range of smart devices. You can also turn off *Bluetooth* mode to remove any unwanted frequencies while listening to other sources.

Compact Chassis with Clear OLED

The stylish, elegant compact chassis features deluxe finishes, including soft aluminum matte with bright silver tone accents and glossy and matte black surfaces. The OLED shows the source selected via graphical icons and text, as well as the sampling frequency and data format of digital sources.

Hi-Fi Oriented Sound Development

With an internal structure built to optimize high-fidelity audio, the PMA-150H features separate circuit boards to allow for incredibly detailed, highly refined sound.

HEOS Built-in Multi-Room Streaming

HEOS Built-in technology lets you 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 music from Spotify Premium and free, Pandora, TIDAL, TuneIn Internet Radio, SoundCloud, Amazon Music, Napster, Deezer or your local music file libraries. With additional HEOS components like the HEOS speaker range or other HEOS-capable receivers, easily play all your music in multiple rooms.

High Quality Headphone Output

For exceptional audio fidelity, the PMA-150H is equipped with a dedicated headphone amplifier circuit that features a high-speed, ultra-low distortion wideband op amp that's paired with a fully discrete final output stage. In order to accommodate the widest range of headphone types, the PMA-150H features an adjustable headphone impedance control, with three settings for low, medium and high impedance headphones. The headphone jack offers a 6.3mm connector for compatibility with premium home and professional studio headphone models.

Ergonomic Remote Control

The supplied remote control features an ergonomically designed layout that includes a cursor keypad, source select and volume controls, setup menu buttons, a *Bluetooth* button and a display dimmer button.

IR Learning and Digital Input Sensing

The PMA-150H powers up automatically when sensing a digital input from your TV, enabling you to control the PMA-150H with your TV remote. The PMA-150H features IR Learning, enabling you to turn volume up, down, on or off with your TV remote.



Technical Information	
Number of Power Amps	
Power Output	35W per channel (8ohms, 1 kHz, THD 0.1%, 1 ch driven) 70W per channel (4ohms, 1kHz, THD 0.1%)
Speaker Impedance	4 - 16 Ω/ohms
Sample Rate Digital In	192 kHz / 24-bit
Input Sensitivity	
SN Ratio	112dB
Bluetooth	
Compatible Bluetooth Profiles	2.0/3.0/4.0/4.1
Supported Codecs	SBC
Radio	
FM / AM	Yes / Yes

General			
Power Supply	AC 120V, 60kHz		
Power Consumption	60W		
Maximum Dimensions	11" x 12.6" x 4.1" (W x D x H)		
Weight	12.3 LBS		
UPC	PMA150HSPE3	883795004893	Black

Ports		
IN	Digital Optical	x 2
	Digital Coaxial	x 1
	USB-A	x 1
	USB-B	x 1
	AUX In	x 2
OUT	Subwoofer Preout	x 1
	Speaker Output Terminal	x 1
	Headphones	x 1

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