

DENON®

PRODUCT INFORMATION



DENON PMA-600NE

INTEGRATED AMPLIFIER WITH 70W PER CHANNEL AND *BLUETOOTH*®

AMPLIFICATION SIMPLIFIED

Designed for the aspiring music enthusiast, the Denon PMA-600NE is the superior choice for those who want to build their first 2-channel Hi-Fi system. Powered by the Denon Advanced High Current (AHC) single-push-pull circuit power amplifier, the PMA-600NE integrated amplifier delivers 70 Watts (4ohm, 1kHz, THD: 0.7%) of power-per-channel. Easily connect both analog and digital sources including your turntable to the built-in phono pre-amp. Listen to your favorite high-resolution audio content with the 192kHz/24bit D/A converter or connect via *Bluetooth* to stream nearly unlimited songs. The PMA-600NE provides exceptional sound quality that balances high power with delicate, musical details.

HIGHLIGHTS

70 Watts per channel power output (4ohm, 1kHz, THD: 0.7%)
Advanced High Current (AHC) single-push-pull circuit power amplifier
Bluetooth support
Includes two digital Optical inputs for your TV or digital device
Built-in 192kHz/24bit D/A converter
Micro-processor with Stop Mode Benefit
Analog Mode for pure audio reproduction
High performance MM phono equalizer amp
Deeper bass

YOUR BENEFITS

Get the maximum performance to drive your favorite loudspeakers
Wide bandwidth captures everything from deep bass to detailed highs
With antenna inside the unit, actively pair your smart phone to the PMA-600NE via *Bluetooth* to stream music
Automatically detects the signal input from your TV and outputs elevated sound
Experience high-resolution audio playback to enjoy the highest quality of your favorite songs
Protects audio signal from external noise during playback
Divided circuitry includes a *Bluetooth* OFF option to help remove any influence from any digital interruptions
Connect your turntable and enjoy vinyl tracks
Enjoy rich, evenly dispersed bass with a subwoofer output

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



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High Power 70W Integrated Amplifier

Power your loudspeakers with the Denon PMA-600NE integrated amplifier. Engineered with remarkable Denon amplifier technology, the PMA-600NE delivers 70 Watts of power-per-channel (4ohm, 1kHz, THD 0.7%). This integrated amplifier offers compatibility with the widest range of speaker types and impedances for operational stability.

Bluetooth Support and Digital Connectivity

Extend your audio experience with nearly unlimited sources. Pair the PMA-600NE to your smart device or computer via *Bluetooth*, and listen to your favorite music wirelessly. Or, connect your TV, media player, computer or any digital source via the Optical and Coaxial digital inputs for an exceptional audio performance with the built-in DAC.

Advanced High Current (AHC) Single-Push-Pull Circuit

Enjoy powerful sound with detailed, musical accuracy. The PMA-600NE incorporates 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 now allows for the discrete amplifier in the PMA-600NE, producing powerful sound with musical fidelity.

High-Grade Audio Components

Denon engineers carefully constructed the amplifier circuit within the PMA-600NE to secure a frequency response of up to 100 kHz during applied use. The volume circuit suppresses noise in the amplifier, achieving high sonic resolution. The PMA-600NE handles a wide, dynamic range of high-resolution audio sources with tone control and power throughout.

Optical and Coaxial Digital Inputs

The PMA-600NE features two Optical inputs and one Coaxial input and supports PCM signals up to 192kHz/24-bit. These digital inputs help to improve sound and visual quality of your TV audio, Blu-ray, media players and more. Also, use it to input high-resolution sound from an audio source on your computer.

Analog Mode

Analog Mode allows the PMA-600NE to operate as a purely analog amp, disabling digital inputs as well as *Bluetooth* while you listen to an analog source. Turn on Analog Mode to close power to the dedicated digital power source and stop operation of the digital input and *Bluetooth* circuitry, avoiding any high frequency influence on the analog section of the PMA-600NE. Enjoy your favorite analog sources with uninhibited clarity and detailed reproduction.

MM Phono Equalizer

The PMA-600NE includes a phono equalizer that supports playing from sources with a MM cartridge. This phono equalizer has high gain, and unlike loops in other circuit board patterns which cause adverse effects on sound quality, the simple, straightforward design of the PMA-600NE phono equalizer significantly improves sound.

Main Transformer with Individual Wiring

To eliminate interference and maintain exceptional sound quality, the main power transformer of the PMA-600NE has separate coiled wires for the audio and control circuits. An integrated micro-processor features Stop Mode for even greater sound quality while you listen.

Micro-Processor Stop Mode

The micro-processor of the PMA-600NE features a Stop Mode that automatically ceases all operations of the micro-processor when it's not needed for playback. By stopping the oscillation of the micro-processor clock during these listening moments, the audio signal is protected from external noise and enhances sound quality.

Signal Level Divided Construction (S.L.D.C.)

The Signal Level Divided Construction (SLDC) chassis developed by Denon is used in the audio circuit to ensure that delicate musical signals are faithfully amplified and transmitted to the speakers. Listen with exemplary quality, every time.

Build Integrity with Thoughtfully Selected Components

With more than a 100-year legacy of designing premium audio components, trust that your Denon product has undergone rigorous testing. The overall aesthetic, sound quality and design integrity of the PMA-600NE and its Hi-Fi components are built to last.

100+ Years of Firsts in Audio Technology

Founded in 1910, Denon has a deep heritage of "firsts" in audio technology — from Japan's first audio electronics manufacturer, to producing the world's first commercial CD player and Dolby Atmos enabled AV receiver. This focused investment in audio R&D ensures you get the latest technology and highest quality with every listening experience.



Technical Information		Tone Controls	
Power Amplifier Section		Bass	Yes
Rated Power	45W + 45W (8ohm, 20Hz-20kHz, THD 0.07%)	Treble	Yes
	70W + 70W (4ohm, 1kHz., THD 0.7%)	Balance	Yes
Total Harmonic Distortion	.01% (Rated Output -3dB) 8ohm 1kHz	General	
Input Sensitivity MM	2.5 mV / 47 kohm	Power Supply	AC 120V, 60kHz
SN Ratio MM	84 dB (5mV inputs signal)	Power Consumption	185W
CD/Network/Aux/Recorder	100 mV	Maximum Dimensions (W x D x H)	17.1" x 12.1" x 4.76"
Input Sensitivity	110 mV / 30 kohms	Weight	15 LBS
S/N Ratio	105 dB	UPC	PMA600NEBK3 883795004909 Black
Others			
Bluetooth	Yes		
OFF Mode	Yes (Analog Mode)		

Ports		
IN	Phono (MM)	x 1
	CD	x 1
	Aux	x 1
	Optical Input	x 2
	Coaxial Input	x 1
OUT	Recorder (Playback)	x 1
	IR Control	Yes
	Preout	Yes (Subwoofer)
	Recorder Out	Yes
	IR Control	Yes
	Speaker Terminal	x 1 pair

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* All specs can be subject to change