



DENON PMA-600NE

INTEGRATED AMPLIFIER WITH 45W PER CHANNEL AND BLUETOOTH®

UPGRADE TO ADVANCED DIGITAL AUDIO REPRODUCTION

Designed for the aspiring music enthusiast, the Denon PMA-600NE is the superior choice for those who want to build their first 2-channel HiFi system. Powered by the Denon Advanced High Current (AHC) single-push-pull circuit power amplifier, the PMA-600NE integrated amplifier delivers 45 Watts (8 ohm, 20Hz - 20kHz, THD: 0.07%) of power-per-channel. Easily connect both analogue and digital sources including your turntable to the built-in phono pre-amp. Listen to your favourite 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

- 45 Watts per channel power output (8 ohm, 20Hz - 20kHz, THD: 0.07%)
- 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
- Analogue Mode for pure audio reproduction
- High performance MM phono equalizer amp
- Deeper bass

YOUR BENEFITS

- Get the maximum performance to drive your favourite 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 favourite 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 while listening to analogue audio signal
- 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



High Power 45W Integrated Amplifier

Power your loudspeakers with the Denon PMA-600NE integrated amplifier. Engineered with remarkable Denon amplifier technology, the PMA-600NE delivers 45 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 favourite 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.

Analogue Mode

Analogue Mode allows the PMA-600NE to operate as a purely analogue amp, disabling digital inputs as well as Bluetooth while you listen to an analogue source. Turn on Analogue 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 analogue section of the PMA-600NE. Enjoy your favourite analogue 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 HiFi 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			
Power Amplifier Section		Tone Controls	
Rated Power	45W + 45W (8ohm, 20Hz-20kHz, THD 0.07%)	Bass	Yes
	70W + 70W (4ohm, 1kHz., THD 0.7%)	Treble	Yes
Total Harmonic Distortion	0.07% (Rated Output –3dB) 8 ohm 20Hz - 20kHz	Balance	Yes
		General	
Input Sensitivity MM	2.5 mV / 47 kohm	Power Supply	AC 230V, 50kHz
SN Ratio MM	84 dB (5mV inputs signal)	Power Consumption	185W
CD/Network/Aux/Recorder	100 mV	Dimensions (W x D x H)	434 x 308 x 121 mm
Input Sensitivity	110 mV / 30 kohms	Packed Dimensions (W x D x H)	520 x 370 x 207 mm
S/N Ratio	105 dB	Weight	6.8 kg
Others		Packed Weight	8.1 kg
Bluetooth	Yes	EAN	PMA600NEBKE2 4951035070956 Black
OFF Mode	Yes (Analogue Mode)		PMA600NESPE2 4951035070963 Premium Silver
		UK	PMA600NEBKE2GB 4951064070316 Black
			PMA600NESPE2GB 4951065070322 Premium Silver

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

D&M Europe B.V.
A Division of Sound United
Beemdstraat 11
5653 MA Eindhoven
The Netherlands
www.denon.eu

The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by D&M Holdings Inc. is under license. Other trademarks and trade names are those of their respective owners.
Denon is a trademark or registered trademark of D&M Holdings, Inc.
* All specs can be subject to change