



DENON PMA-600NE

INTEGRATED AMPLIFIER WITH 70W 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 70 Watts (4ohm, 1kHz, THD: 0.7%) 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

- 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
- 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 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 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	
Rated Power	45W + 45W (8ohm, 20Hz-20kHz, THD 0.07%)
	70W + 70W (4ohm, 1kHz, THD 0.7%)
Total Harmonic Distortion	.01% (Rated Output -3dB) 8ohm 1kHz
Input Sensitivity MM	
SN Ratio MM	84 dB (5mV inputs signal)
CD/Network/Aux/Recorder	100 mV
Input Sensitivity	
S/N Ratio	110 mV / 30 kohms
S/N Ratio	105 dB
Others	
Bluetooth	Yes
OFF Mode	Yes (Analogue Mode)

Tone Controls		
Bass	Yes	
Treble	Yes	
Balance	Yes	
General		
Power Supply	AC 230V, 50kHz	
Power Consumption	185W	
Dimensions (W x D x H)	434 x 308 x 121 mm	
Packed Dimensions (W x D x H)	520 x 370 x 207 mm	
Weight	6.8 kg	
Packed Weight	8.1 kg	
EAN		
PMA600NEBKE2	4951095070958	Black
PMA600NESPE2	4951095070965	Premium Silver
PMA600NEBKE2GB	4951064070316	Black
PMA600NESPE2GB	4951065070322	Premium Silver

Ports

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

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* All specs can be subject to change