



*Also available in Black

DENON PMA-800NE

INTEGRATED AMPLIFIER WITH 85W PER CHANNEL

The Denon PMA-800NE integrated amplifier sets new heights in premium audio performance with digital inputs and a built-in phono equalizer. Listen to your favourite high-resolution audio content with the 192kHz/24bit D/A converter. Powered by the Denon Advanced High Current (AHC) single push-pull circuit power amplifier, the PMA-800NE provides exceptional sound quality that balances high power with delicate, musical details.

HIGHLIGHTS

2 x 85 W (4 ohm) power output
 Advanced High Current (AHC) Single Push-Pull circuit power amplifier
 3 Optical, 1 Coaxial digital input
 Built-in 192kHz/24bit D/A converter
 Impeccable sound engineering with carefully selected and rigorously tested Hi-Fi parts
 Analog Mode for pure audio reproduction
 High performance MM and MC phono equalizer amp
 Vibration-resistant design with Direct Mechanical Ground Construction
 Main transformer with separate coiled wires for audio/control circuits
 Micro-processor with Stop Mode
 Denon-proprietary Signal Level Divided Construction (SLDC) chassis
 Engineered with a more than 100-year Denon legacy in audio excellence

YOUR BENEFITS

Get the maximum performance to drive your favourite loudspeakers
 Wide bandwidth captures everything from deep bass to detailed highs
 Supports all digital music sources
 Experience high-resolution audio playback
 Enjoy the exceptional sound that is the signature of Denon amplifiers
 Enjoy the richness of your treasured analogue music sources
 Connect any turntable and enjoy vinyl tracks
 Listen to music with pristine detail and quality unaffected by the environment
 Eliminates interference to optimize sound quality
 Protects audio signal from external noise during playback
 Amplify and transmit delicate musical signals to the speakers to capture the nuance of the music
 Trust this high-quality and durable system to deliver the ultimate audio experience

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

ADVANCED
High Current
 SINGLE PUSH-PULL CIRCUIT



www.denon.com

High Power 85W Integrated Amplifier

Power your loudspeakers with the Denon PMA-800NE integrated amplifier. Engineered with remarkable Denon amplifier technology, the PMA-800NE delivers 85 Watts of power-per-channel into 4 Ohms. This integrated amplifier offers compatibility with the widest range of speaker types and impedances for operational stability.

Advanced High Current (AHC) Single-push-pull Circuit

Enjoy powerful sound with detailed, musical accuracy. The PMA-800NE incorporates AHC transistors with two-to-three times the electrical current supply capacity of conventional audio power transistors.

High-grade Audio Components

Denon engineers carefully constructed the amplifier circuit within the PMA-800NE 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-800NE handles a wide, dynamic range of high-resolution audio sources with tone control and power throughout.

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 PMA-800NE and its Hi-Fi components are built to last.

Analog Mode

Analog Mode allows the PMA-800NE to operate as a purely analogue amp, disabling coaxial, digital and optical digital inputs while you listen to an analogue source. Turn on Analog Mode to close power to the dedicated digital power source and stop operation of the digital input circuitry, avoiding any high frequency influence on the analogue section of the PMA-800NE. Enjoy your favourite analog sources with uninhibited clarity and detailed reproduction.

MM and MC Phono Equalizer

The PMA-800NE includes a phono equalizer that supports input from both MM and MC cartridges. 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-800NE phono equalizer significantly improves sound.

Direct Mechanical Ground Construction for Pristine Sound

Vibration-resistant design reduces the adverse audio effects of heavy components within amplifiers so sound quality meets Denon standards. The power transformer — which is the largest vibration source among amplifier components — is outfitted with a 1.6mm thick steel plate to the mount, suppressing vibration created by the transformer as well as external vibration toward the transformer. By directly supporting the transformer with a steel plate, the vibration surrounding the chassis is reduced resulting in pristine sound.

Optical and Coaxial Digital Inputs

The PMA-800NE features three Optical inputs and one Coaxial input and supports PCM signals up to 192 kHz/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.

Main Transformer with Individual Wiring

To eliminate interference and maintain exceptional sound quality, the main power transformer of the PMA-800NE 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-800NE 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.

Control IN / OUT

By combining the DNP-800NE network audio player and the HEOS APP you can control the PMA-800NE amplifier. Adjust the volume and change inputs with the touch of your finger tips on a smart device, along with the DCD-800NE it can be controlled too.

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 CDs. 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 output	50 W + 50 W (8 ohms, 20 Hz - 20kHz, THD 0.07%)
	85 W + 85 W (4 ohms, 1kHz, THD 0.7%)
Total harmonic distortion	0.01% (8 ohms, 1kHz)
Preamplifier Section	
Input sensitivity/impedance	105 mV / 17 kohms (CD. SOURCE DIRECT: On)
Frequency response	10 Hz - 100kHz – 0, -3 dB
S/N Ratio	105 dB
	Line 107 dB
	Phono MM 86 dB

General	
Power Supply	AC 230 V, 50/60 Hz
Power Consumption	200 W
Standby Consumption	0.3 W
Dimensions (W x H x D)	434 x 122 x 307 mm
Weight	7.5 kg
Ports (IN)	
Phono (MM/MC)	x 1
Audio input	x 4
Digital Optical	x 3
Digital Coaxial	x 1
Ports (OUT)	
Rec output	x 1
Speaker out (Bi-wiring)	A / B

EAN	PMA800NEBKE2	4951035065655	Black
	PMA800NESPE2	4951035065662	Premium Silver
UK	PMA800NEBKE2GB	4951035066744	Black
	PMA800NESPE2GB	4951035066751	Premium Silver

Complementary Products



DCD-800NE CD Player, also available in black



DNP-800NE Network Audio Player, also available in black