

PM8004

Integrated Amplifier w/ Power Amp Direct



The new PM8004 Integrated Amplifier from Marantz combines the power and finesse that audiophiles demand with smart, timely features designed for how we listen today. In response to requests from Home Theater aficionados, the PM8004 features Power Amp Direct, a dedicated input that allows the PM8004 to integrate seamlessly with AV Receivers and, at the touch of a button, take control of the main left and right loudspeakers for an old-school, pure analog listening experience; truly the best of both worlds. iPod users will appreciate TriTone, a special 3-band tone circuit that is precision-tuned to help recover the loss of precious detail that can result from digital compression.

The core of the PM8004 is signature Marantz with discrete circuit topologies dominating the design. A linear power supply features a double-shielded Torroidal transformer with massive current capability. Critical supply lines to the output stages have been shortened for improved current delivery and, as a result, response to musical peaks as been accelerated. Hyper Dynamic Amplifier Module (HDAM) preamp stages deliver maximum speed and transparency along with exceptional channel-to-channel symmetry for exceptional image stability. Polypropylene capacitors are utilized in critical circuit elements to preserve the delicate balance of low, mid and high frequencies, their values selected through many hours of listening tests.

The PM8004 merges nearly 60 years of audio engineering expertise with the needs of present-day music lovers in a stylish, easy to use component that fully embraces the Marantz traditions of superior sound quality and elegant design .

- 100W/ch (4 ohms), 70W(8 ohms) RMS Power (20Hz-20kHz)
- “Current Feedback” topology for power amp and volume amp
- Marantz HDAM®-SA3 circuit
- Shortest signal path, High Instantaneous Peak Current design
- New Tri Tone Control (Bass/Mid/Treble)
- “Constant Current Feedback” circuit for MM Phono Equalizer
- Marantz Custom Speaker Terminals
- Speaker A/B switching
- Double shielded Torroidal Power Transformer
- Triple Layered chassis
- 3 analog L/R Inputs, 2 recorder In/Out
- Power Amp Direct In for a use as a power amplifier
- Pre Out jacks
- Marantz D-Bus(RC-5) Remote In/Out
- Source Direct mode
- Detachable Power Cord (IEC320 2pin type)

marantz[®]
LIFE AMPLIFIED™

PM8004

Integrated Amplifier w/ Power Amp Direct

Power Output

(20 Hz – 20 kHz simultaneous drive of both channels):
70 W x 2 (8 ohm load)
100 W x 2 (4 ohm load)

Total Harmonic Distortion

(20Hz – 20kHz simultaneous drive of both channels, 8Ω load): 0.02%

Output Bandwidth

(8Ω load, 0.05%): 5Hz – 60kHz

Frequency Response

(CD, 1W, 8Ω load): 5Hz – 100kHz ±3dB

Damping Factor

(8Ω load, 20Hz – 20kHz): 100

Input Sensitivity/Input Impedance

PHONO (MM): 2mV/47kOhms
CD, TUNER, AUX/DVD, RECORDER: 200mV/20kOhms
POWER AMP DIRECT IN: 1.6V/15kOhms

Output Voltage/Output Impedance

PRE OUT: 1.6V/600Ohms

Maximum Allowable Phono Input Level (1kHz)

MM: 100mV
RIAA deviation (20Hz ~ 20kHz): ±0.5dB
S/N (IHF-A): 8 ohm load)
PHONO (MM): 87dB (5mV input, 1W output)
CD, TUNER, AUX/DVD, RECORDER: 106dB (2V input, Rated output)
POWER AMP DIRECT IN: 125dB (Rated output)

Tone Control

Bass (50Hz): ±10dB
Mid (900Hz): ±6dB
Treble (15kHz): ±10dB

Power Requirement

AC 120V 60Hz

Power Consumption

200W

UL60065

0.3W

Standby power consumption

Weight

26.9 lbs (12.2kg)



For the purpose of improvement, the specifications and design are subject to change without notice.



marantz[®]
LIFE AMPLIFIED™

All specifications, dimensions and weights are subject to change without notice.
D&M Holdings, Marantz, Marantz America, LLC. or any of its subsidiaries will not assume any liability for errors in this spec sheet which may result in consequential errors
Being made by dealers, designers, custom installers, cabinet makers or end users, etc based upon information contained within this document.

©2010 Marantz America, LLC • www.marantz.com