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## Product information

### PM6004 INTEGRATED AMPLIFIER



When "What Hi-Fi Sound and Vision?" gave our PM6003 the "Best amplifier in its class" award, the performance bar was well and truly raised for its successor: the PM6004. Fortunately, Marantz design engineers enjoy nothing better than a real challenge. And they seized this upgrade opportunity to further improve this already excellent amplifier by refining the sound and optimising the balance from Bass to Mid to Highs for a performance full of harmony. The strategic difference is that now both the pre-amplification and power amplification sections exclusively feature discrete components – not a single IC in sight. Specially selected single components not only outperform ICs in quality, they also make it possible to refine the sound in much more detail, resulting in more clarity and transparency in the sound stage. Of course the lower impedance Toroidal transformer with case-shield has been retained, so too has the customized main capacitors, and the potential power transistor which is mounted on the extruded aluminium heat sink and can easily handle higher currents to keep close control of speakers. All of this proven, superior technology has been retained. And of course all of the original features - such as six-line audio input including phono, two-pairs of gold-plated speaker connections with the convenience of bi-wiring, and a remote handset - are still there. All that's now required is a lover of music.

#### Main Features

- 2x 45 Watts (8 ohm) / 2x 60 Watts (4 ohm)
- Current Feedback power amplifier circuit
- Cased Toroidal transformer
- High quality components
- Phono MM
- Tone control, Source direct
- Speaker A/B with goldplated speaker terminals
- Goldplated RCA inputs



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FEATURES	PM6004
Channels	2
Current Feedback Topology	0
Phono EQ: Standard / Current Feedback / Constant Current Feedback	0 / - / -
HDAM version	0
Power Transformer: Toroidal / EI	0 / -
High Grade Audio Components	0
Customised Components	0
Symmetric PCB Layout	-
Aluminium extrusion heat sink	0
Copper plated chassis	-
Tri Tone Control (Bass / Mid / Treble)	-
Balance / Bass / Treble / Loudness	0 / 0 / 0 / 0
OTHERS	
Linear Drive Power Supply	0
CCNE	-
Shottky diodes	0
Input buffer amp (all inputs / CD only)	- / -
Solid Heat Sinks	0
System block shielding: Copper / metal / none	- / - / 0
Double Layer Bottom Plate	-
Source Direct	0
Power Amp direct	-
Standby Mode	0
INPUTS/OUTPUTS	
Audio Inputs	6
Phono Input: MM / MC	0 / -
Audio Outputs	2
Balanced In / Out	- / -
Pre-out / Main-in	- / -
Power Amp Direct IN	-
Gold Plated Cinch	0
Speaker A / B	0
Speaker Terminals:	Metal (Gold) Screw
Number of terminals	4
D-Bus	0
Floating Control Bus (3.5 mm mono jack x 2)	-
Headphone Out	0
iPod input (direct / docking station)	- / 0

SPECIFICATIONS			
Power Output (8 / 4 Ohm RMS)	45 W / 60 W		
Power Output (8 / 4 Ohm DIN)	- / -		
Power Output (8 / 4 Ohm IHF)	- / -		
Bridged Power Output (8 Ohm RMS)	-		
Frequency Response	10 Hz - 70 kHz		
Total Harmonic Distortion	0.07 %		
Damping Factor	100		
Input Sensitivity: MM	2.2 mV / 47 kOhm		
Input Sensitivity: MC	-		
Signal to Noise Ratio: MM/MC	83 dB / -		
Input Sensitivity: High level	200 mV / 20 kOhm		
Input Sensitivity: Balanced High level	-		
Signal to Noise Ratio: High level	102dB(2V input)		
Input Sensitivity: Power Amp Direct IN	-		
Signal to Noise Ratio: Power Amp Direct IN	-		
GENERAL			
Available colors: Gold / Silver / Black / Silver-Gold	- / - / 0 / 0		
Metal Front Panel	0		
Power Consumption in W	150		
Standby Consumption in W	0,2		
Auto Power off	0		
Detachable Power Cable	0		
Remote Control	RC003PM		
System Remote Function	0		
Maximum Dimensions (W x D x H) in mm	440 x 366 x 105		
Weight in kg	7,4		
EAN			
EU	PM6004/N1B	Black	4951035044919
	PM6004/N1SG	Silver-Gold	4951035044926
UK	PM6004/T1B	Black	4951035044933
	PM6004/T1SG	Silver-Gold	4951035044940

Design and specifications are subject to change by Marantz without notice.

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