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PM6003 - Integrated Amplifier

The PM6003 amplifier comes in the M1 Reference Design style. But it's not just the outward aesthetics that have been improved; Marantz took this upgrade opportunity to further improve this already excellent amp by refining the sound and optimising the balance from bass to mid to highs for a performance full of harmony. The new lower impedance Toroidal transformer shielded with case, was also matched to the new main capacitors, which again have been aligned to the new type of power transistor, mounted on a new extruded aluminium head sink, capable of handling higher currents and keeping closer control of the speaker. And of course all of the original features - such as six-line audio input including Phono, two-pairs of gold-plated speaker connection with the convenience of bi-wiring and a remote handset - are still available.

MAIN FEATURES

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

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PM6003

SPECIFICATIONS	PM6003
FEATURES	
Channels	2
Current Feedback Topology	o
Phono EQ: Standard/Current Feedback/Constant Current Feedback	o/-/-
HDAM version	-
Power transformer: Toroidal/El	o/-
High Grade Audio Components	o
Customised Components	o
Symmetric PCB layout	-
Aluminium extrusion heat sink	o
Copper plated chassis	-
Tri Tone Control (Bass/Mid/Treble)	-
Balance/Bass/Treble/Loudness	o/o/o/o
OTHER	
Linear Drive Power Supply	o
CCNE	-
Linear volume control	-
BTL possibility	-
Bi-Amp and Multichannel option	-
Choke input	-
Shottky diodes	o
Input buffer amp (all inputs/CD only)	o/-
Seperate solid heatsinks	-
System block shielding: copper/metal/none	-/-/o
Double layer bottom plate	-
Source direct	o
Power Amp Direct	-
Standby mode	o
INPUTS/OUTPUTS	
Audio Inputs	6
Phono Input: MM/MC	o/-
Audio Outputs	2
Balanced In/Out	-/-
Pre-out / Main-in	-/-
Power Amp Direct In	-
Gold Plated Cinch	-
Speaker A/B	o
Speaker Terminal: Screw / Marantz / WBT	o/-/-
Number of terminals	4
Marantz remote bus	o
Remote Power Control (Trigger - in/out)	-
Flasher in / IR Receiver in	-/-
Headphone Out	o
iPod input (direct/docking station)	-/o
SPECIFICATIONS	
Power Output (8/4 Ohm RMS)	45/60W
Power Output (8/4 Ohm DIN)	-
Power Output (8/4 Ohm IHF)	-
Bridged Power Output (8 Ohm RMS)	-
Frequency Response	10Hz-70kHz (+0,-1dB)
Total Harmonic Distortion	0,0008%
Damping Factor	100
Input Sensitivity: MM	2.2mV / 47kohm
Input Sensitivity: MC	-
Signal to Noise Ratio: MM/MC	84dB/-
Input Sensitivity: High level	200mV / 20kohm
Input Sensitivity: Balanced High level	-
Signal to Noise Ratio: High level	87dB
Input sensitivity: Power Amp Direct In	-
Signal to Noise ratio: Power Amp Direct In	-
GENERAL	
Available colors: Gold/Silver/Black/Silver-Gold	-/-/o/o
Metal Front Panel	o
Power Consumption in W	150
Standby Consumption in W	0.4
Auto power off	-
Detachable Power Cable	o
Remote Control	RC003PM
System Remote Function	o
Maximum Dimensions (W x D x H) in mm	440x366x105
Weight in kg	7.5

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