

# marantz®

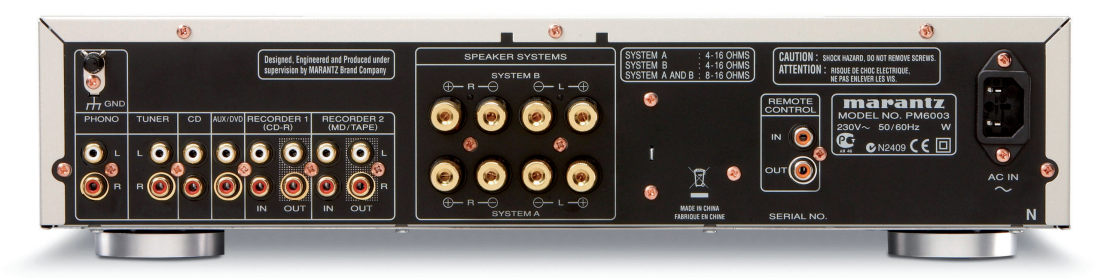


## PM6003 - Integrated Amplifier

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 speaker terminals
- Goldplated RCA inputs



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