

marantz®

# PM6005

Integrated amplifier



## Integrated Amplifier

The PM6005 integrated amplifier features an improved power supply that provides superior speaker driving capability, and is compatible with lower impedance speakers. In addition to analog audio inputs, the PM6005 also features optical and coaxial digital audio inputs for direct connection to digital audio sources such as a CD player and a digital television, for example. Featuring all discrete audio circuitry, the PM6005 is also equipped with our HDAM discrete circuit modules, and the power amplifier features current feedback for wide range, low distortion sound quality with a wide range of speaker types. The power supply features large capacity Schottky Barrier Diodes that provide high current and high speed conversion capability. There are two sets of gold plated speaker terminals for connection to two pairs of loudspeakers, and the headphone amplifier is all discrete and is compatible with virtually any headphone type, regardless of impedance or sensitivity.

### Marantz Audio Advantage

- Hyper Dynamic Amplifier Module (HDAM) and Current Feedback Amplifier endowed with unique Marantz technology for high-quality sound
- Fully discrete power amplifiers (2 x 45 W 8ohm 20-20kHz, 2 x 60 W 4ohm 20-20kHz)
- Robust, high-speed power supply (with blocking capacitors and large-capacity Schottky Barrier Diodes)
- Total sound balance retuned with optimized parts

### High quality sound

- Toroidal power transformer
- High-quality audio parts
- Source Direct mode
- Gold-plated speaker terminals
- Gold-plated input and output connectors

### Useful functions

- Digital inputs, to expand the connectivity for various audio players
- Two sets of speaker terminals (Speaker system A or B, A and B, bi-wiring)

- Phono (MM) input connector for connecting a turntable
- Bass and Treble controls
- Balance control (for L and R channels)
- Loudness circuit
- Easy-to-use remote controller for PM6005 and CD6005 operation
- Marantz Remote in / out terminals
- IR Flasher input
- Auto standby, low power consumption in Standby mode (0.3W)

because music matters

## Specifications

### Ports

#### Analog audio input

Phono (MM)	1
Tuner	1
CD	1
Network	1
Recorder	1

#### Digital audio input

Coaxial	1
Optical	1

#### Analog audio output

Recorder	1
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#### Control

Remote control (IN/OUT)	1/1
IR Flasher in	1

#### Other

Headphones	1
AC outlets	3

### Audio section

#### Power output:

(20 Hz - 20 kHz both channels driven)  
 45 W x 2 (8 Ω/ohms load)  
 60 W x 2 (4 Ω/ohms load)

#### Total harmonic distortion:

(20 Hz - 20 kHz both channels driven, 8 Ω/ohms load)  
 0.08%

#### Frequency response (CD, 1 W, 8 Ω/ohms load)

10 Hz - 70 kHz +0 dB, -1 dB

#### Input sensitivity/Input impedance

PHONO (MM) :

2.2 mV/47 kΩ/kohms

CD, TUNER, NETWORK, RECORDER

200 mV/20 kΩ/kohms

#### S/N (IHF-A, 8 Ω/ohms load)

PHONO (MM) :

83 dB (5 mV input, 1 W output)

CD, TUNER, NETWORK, RECORDER

102 dB (2 V input, Rated output)

#### Tone control

Bass (50 Hz)

±10 dB

Treble (15 kHz)

±10 dB

### General

Power supply voltage/frequency:  
 AC 120 V, 60 Hz

Power consumption:  
 155 W

Power consumption in standby mode:  
 0.3 W

Dimensions (W x H x D)  
 17.3" x 4.1" x 14.6"  
 440 x 105 x 370 mm

Weight  
 16.8 lbs, 7.6 kg



Toroidal power transformer



Robust, high-speed power supply  
 (with blocking capacitors and large-capacity  
 Schottky Barrier Diodes)



Gold plated speaker terminals



Gold plated audio input and output connectors



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