

MARANTZ PM7005 Silver

Šifra: 217

Kategorija proizvoda: Integrisana Pojačala

Proizvođač: Marantz

Cena: 71.880,00 rsd

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The

PM7005 is a fully discrete, current feedback integrated amplifier with USB-DAC functionality. It is simply perfect for audiophiles wanting both excellent music quality and a maximum of flexible operation, which is provided by the highly versatile DAC-mode. The amplifier delivers a powerful 2x 60W into 8 ohm, while the symmetrical circuits ensure perfect image balancing. To guarantee best sound quality, the PM7005 includes high-grade

audio components, current feedback HDAMs and a high-speed instantaneous current power supply. It also comes with the same high grade speaker terminals as used in the PM8005 for the best possible speaker connectivity. The DAC-mode features optical and coaxial digital inputs as well as a USB-B port, which means you can directly connect your computer to the PM7005 and benefit from its high-quality DAC CS4398 and its HDAM-SA3 module-equipped audio output stage for great audio performance. The amp operates as a soundcard for the computer and the USB-B port works in asynchronous mode and 'bit-perfect' to support not only 192kHz / 24bits but also the DSD 2.8MHz and 5.6MHz high-resolution audio. All this digital dazzle is at your fingertips so you can enjoy your digital media wherever you want. But because we also care about the sensitive analogue signal from other sources as well, we built-in the Analog Amp Mode - which simply switches off the digital section completely, enabling you to enjoy the purest analogue audio you can possibly imagine. Perfect for your vinyls.

Features

Channels	2
Digital in: USB-B / optical / coaxial	o / o / o
Current Feedback Topology	o
Phono EQ: Standard / Current Feedback / Constant Current Feedback	o / - / -
HDAM version	SA3, SA2
Power Transformer: Toroidal / EI	- / o
High Grade Audio Components	o
Customised Components	o
Symmetric PCB Layout	o
Aluminium extrusion heat sink	o
Balance / Bass / Treble / Loudness	o / o / o / -

Others

Linear Drive Power Supply	o
Shottky diodes	o
Input buffer amp (all inputs / CD only)	- / o
Separate Solid Heat Sinks	o
System block shielding: copper / metal / none	- / o / -
Source Direct	o
Standby Mode	o
Analog Mode	o

Inputs/Outputs

Audio Inputs	5
Digital in: USB-B / optical / coaxial	o / o / o
Phono Input: MM / MC	o / -
Audio Outputs	1
Gold Plated Cinch	o
Speaker Terminal: Screw / Marantz / WBT	- / o SPKT-1 / -
Number of terminals	2
D-Bus	o
Headphone Out	o

Specifications

Power Output (8 / 4 Ohm RMS)	60 W / 80 W
Frequency Response	5 Hz-100 kHz
Total Harmonic Distortion	0.02 %
Damping Factor	100
Input Sensitivity: MM	2 mV / 47 kOhm
Signal to Noise Ratio: MM / MC	85 dB / -
Input Sensitivity: High level	200 mV / 20 kOhm
Signal to Noise Ratio: High level	104 dB (2V input)

General	
Available colors: Gold / Silver / Black / Silver-Gold	- / - / o / o
Metal Front Panel	o
Power Consumption in W	170 W
Standby Consumption in W	0.2 W
Auto power off	o
Detachable Power Cable	o
Remote Control	RC0032PMSA
System Remote Function	o
Maximum Dimensions (W x H x D) in mm	440 x 125 x 379
Weight in kg	10

Customized Components

On paper an electrical component might look excellent but the result may fall short of the combined design expectations. Marantz selects the appropriate components for the specific design application. In some cases it's simply not possible to use standard components that meet the high Marantz standards. These components will then be specially made for Marantz in close cooperation with the Marantz engineers.

HDAM SA3

Marantz developed its own discrete circuit boards to replace standard IC's. These HDAM's consists of discrete surface mount components with short mirror image L/R signal paths. Those devices are doing exactly the same thing as the Op-Amps, but outperform the regular IC Op-amps dramatically in terms of the Slew Rate and reduced noise level, resulting in a much more dynamic, accurate and detailed sound. Over the years Marantz developed different types of the HDAM to improve quality and to fit to the special requirements of a product category like CD or amplifier.

Shottky Diodes

A Shottky diode is a special type of diode with a very low forward-voltage drop compared to normal diodes. This lower voltage drop translates into higher system efficiency. Shottky diodes have very fast signal handling, can easily stay higher temperatures and are sensitive very low voltages.