PM7005

INTEGRATED AMPLIFIER WITH USB-DAC

60W X 2ch
CURRENT FEEDBACK
DAC MODE
24BIT 192kHz
PSD STREAMING
ANALOG MODE
MM
HDAM SA3
SYMMETRIC LAYOUT
CUSTOMISED COMPONENTS

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.

Main Features

- Integrated Current Feedback Amplifier with 2x 80W / 4 ohm rms
- Selected high quality audio components
- Marantz proprietary HDAM SA3 circuits
- Strong power supply with high current type Schottky diode
- Marantz original gold-plated solid brass speaker terminals SPKT-1
- Current Feedback Phono equalizer (MM)
- Digital optical and coaxial inputs with 192kHz/24bit D/A conversion
- USB-B input for PCM 192kHz/24bit and DSD Audio Streaming (DSD2.8 & DSD5.6)
- Signal isolator for DAC Mode operation
- High quality and high current DA-Converter CS4398
- "Analog Mode" for pure analogue listening switching off digital section
- System remote to control Amplifier, CD-Player and Network Player

EAN

EU	PM7005/N1B	4951035054345 Black
	PM7005/N1SG	4951035054338 Silver-Gold
UK	PM7005/T1B	4951035054345 Black
	PM7005/T1SG	4951035054338 Silver-Gold

www.marantz.eu

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INTEGRATED AMPLIFIER WITH USB-DAC

FEATURES	PM7005
Channels	2
Current Feedback Topology	•
Phono EQ: Standard	•
HDAM version	SA3, SA2
Digital in: USB-B / optical / coaxial	• / • / •
Asynchronous mode rear USB	•
USB-B DSD Audio Streaming	• (DSD2.8 & DSD5.6)
Signal isolator for DAC Mode operation	•
Analog Mode	•
DAC chip	CS4398
High Grade Audio Components	•
Customised Components	•
Aluminium extrusion heat sink	•
Balance / Bass / Treble / Loudness	• / • / • / -
High Grade Audio Components	•
OTHERS	
Linear Drive Power Supply	•
Schottky diodes	•
Solid Heat Sinks	•
Source Direct	•
Standby Mode	•
INPUTS / OUTPUTS	
Digital in: USB-B / optical / coaxial	• / • / •
Audio Inputs	5
Phono Input: MM	•
Audio Outputs	1
Gold Plated Cinch	•
Speaker Terminals:	Marantz SPKT-1
Number of terminals	2
D-Bus	•
Headphone Out	•

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	85 dB
Input Sensitivity: High level	200 mV / 20 kOhm
Signal to Noise Ratio: High level	104dB (2V input)
GENERAL	
Available colors: Black / Silver-Gold	• / •
Metal Front Panel	•
Power Consumption	170 W
Standby Consumption	0.2 W
Auto Power off	•
Detachable Power Cable	•
Remote Control	RC003PMSA
System Remote Function	•
Maximum Dimensions (W x D x H)	440 x 379 x 125 mm
Weight	10.0 kg

because music matters