



PM7005

INTEGRATED AMPLIFIER WITH USB-DAC



60w X 2ch

CURRENT
FEEDBACK

DAC MODE

24bit 192kHz

DSD
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 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 is at your fingertips so you can enjoy your digital media wherever you want. To address the sensitive analog 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 analog 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
- 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 Amp Mode" for pure analog listening switching off digital section
- System remote to control Amplifier, CD-Player and Network Player

UPC

NA PM7005/U1B 6-99927-13095-4 Black



PM7005

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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 Amp Mode	•
DAC chip	CS4398
High Grade Audio Components	•
Customized Components	•
Aluminium extrusion heat sink	•
Balance / Bass / Treble / Loudness	• / • / • / -
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 speaker 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	•
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)	17.32 x 14.92 x 4.92 in.
Weight	22,05 lb.

Design and specifications are subject to change by Marantz without notice.