

marantz

The Most Musical Sound



PM6007

Integrated Amplifier

The PM6007 delivers Marantz' most musical sound and is an ideal choice for those ready to take the next step in their 2-channel Hi-Fi system. Powered by a Toroidal power transformer and customized block capacitors, the PM6007 integrated amplifier delivers 45 watts (8ohm, 20Hz-20kHz). You can easily connect both analog and digital sources or connect your turntable to the built-in phono MM pre-amp with FET input.

- Take your next step in Hi-Fi: The PM6007 integrated current feedback amplifier powers 2x 45W (8 ohms RMS, 20Hz – 20kHz) to offer a refined audio experience.
- Meticulously and masterfully tuned: During the extensive tuning process, Marantz sound masters carefully refine and curate each component for optimal performance.
- Wide range of connectivity: Experience Hi-Res audio files exactly as intended through the following gold-plated inputs: 5 analog inputs, one coaxial input and two optical digital inputs.
- An updated audio experience: The newly updated, high-quality DAC AK4490 offers a cleaner sound for your enjoyment.
- Digital filter modes for Optical/Coaxial input: Listen to a more refined audio experience to fit your taste with the new digital filter mode feature.
- Built to perform: In addition to high-quality speaker terminals with A/B switching capability, a fully-shielded DAC unit, and copper screws, the rigid feet provide a true-to-performance sound.
- Marantz proprietary HDAM-SA3 circuit: You will experience a wider dynamic range with lower distortion for the output stage.
- Advanced Thermal Compensation: No memory distortion for clean and precise audio reproduction even after powerful bass attacks.
- Customized components for a more refined sound: The Toroidal Transformer and high-quality, customized components deliver exceptional sound quality.
- Integrated phono input: Featuring a high-quality MM phono pre-amp with FET input to enjoy best signal purity and sound from your favorite vinyl.
- Enjoy deeper bass with a subwoofer output: Enjoy powerful bass by adding a subwoofer, companion bookshelf speakers or even further extend bass with the addition of floor standing speakers.
- Available in black or silver-gold

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45w X 2ch

CURRENT
FEEDBACK

HDAM SA3

TOROIDAL
TRANSFORMER

DAC
MODE

Shottky
Diodes

MM
Phono

CUSTOMIZED
COMPONENTS

PM6007

Technical Specs



Features	
Channels	2
Current Feedback Topology	•
Full balanced circuitry architecture	•
Double Mono Power Amp construction	-
Phono EQ: Standard / Marantz Musical / Marantz Musical Premium	• / - / -
Digital in: USB-B / optical / coaxial / USB-A	- / 2 / 1 / -
Sample Rate digital In	192 kHz / 24-bit
USB-A: DSD / WAV / FLAC / AIFF / ALAC	-
USB-B DSD Audio Streaming (DoP): DSD2.8 / DSD5.6	-
USB-B PCM sample rate	-
DAC chip	AK4490
Asynchronous mode rear USB	-
Bit-perfect transmission	-
Ground isolator for DAC Mode operation	-
Tuner: FM / AM	-
Bluetooth / aptX / NFC	-
Streaming audio from PC	-
Wi-Fi / Wired LAN	-
Internet radio	-
AirPlay 2	-
Roon Tested	-
Spotify Connect* / Tidal* / Deezer* / others *	-
Amazon Prime Music* / Pandora*	-
HEOS Multiroom and Streaming	-
Voice Control - Works with Amazon Alexa	-
Voice Control - Google Assist / Apple Siri	-
Voice Control - Microphone built-in	-
DSD-Audio network streaming	-
Lossy formats: MP3 / WMA / AAC	-
Lossless formats: DSD / FLAC HD 192/24 / ALAC 96/24 / WAV 192/24 / AIFF	-
Gapless Playback	-
Remote APP: iDevice / Android	-
Analog Mode	-
HDAM version	SA3
Power Transformer: Toroidal / EI	• / -
High Grade Audio Components	•
Customised Components	•
Symmetric PCB Layout	-
Aluminium extrusion heat sink	•
Copper plated chassis	-
Tri Tone Control (Bass / Mid / Treble)	-
Balance / Bass / Treble / Loudness	• / • / • / -
Other	
Marantz Musical Digital Filtering	•
Linear Drive Power Supply	•
Linear volume control	•
BI-AMP and Multichannel option	-
Shottky diodes	•
Input buffer amp (all inputs / CD only)	- / -
System block shielding: Copper / metal / none	- / - / •
Double Layer Bottom Plate	-
Low Noise OLED display	-
Low noise LCD display	-
Source Direct	•
Power Amp direct	-
5mm aluminium top plate	-

Inputs / Outputs	
Audio Inputs	5
Digital in: USB-B / optical / coaxial / USB-A	- / 2 / 1 / -
Phono Input: MM / MC	• / -
Audio Outputs	1
Balanced In / Out	- / -
Pre-out / Main-in	subwoofer / -
Power Amp Direct IN	-
HDMI: inputs / outputs	-
Gold Plated Cinch	•
Speaker A / B	•
Speaker Terminals:	Metal (Gold) Screw
Number of terminals	4
D-Bus	•
Floating Control Bus (3.5 mm mono jack x 2)	-
Headphone Out	•
Headphone Gain Control (low / mid / high)	-
Specifications	
Power Output (8 / 4 Ohm RMS)	45 W / 60 W
Frequency Response	10 Hz - 70 kHz
Total Harmonic Distortion	0.08 %
Damping Factor	100
Input Sensitivity: MM	2.2 mV / 47 kOhm
Input Sensitivity: MC	-
Signal to Noise Ratio: MM/MC	83 dB / -
Input Sensitivity: High level	200 mV / 20 kOhm
Input Sensitivity: Balanced High level	-
Signal to Noise Ratio: High level	102dB(2V input)
Input Sensitivity: Power Amp Direct IN	-
Signal to Noise Ratio: Power Amp Direct IN	-
General	
Available colors: Gold / Silver / Black / Silver-Gold	- / - / • / •
Metal Front Panel	•
Power Consumption in W	155
Standby Consumption in W	0.3
Auto Power off	•
Detachable Power Cable	•
Remote Control	RC004MCD
System Remote Function	•
Maximum Dimensions (W x D x H) in Inches	17.3" x 14.6" x 4.1"
Weight in LBS	16.8
Carton Maximum Dimensions (W x D x H) in Inches	20.4" x 18.4" x 7.4"
Carton Weight (inc. product) in LBS	21.4

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