

marantz® INTEGRATED AMPLIFIER

PM4400 OSE



Black available

PM4400 OSE - Original Special Edition integrated amplifier

Marantz's famous in-house tuning tradition tweaks up the PM4400. All the components were re-examined and long and painstaking listening tests have been carried out. Trying one component sometimes force to change another component that have been previously determined. As a result, the PM4400 OSE gives tighter bass and clearer stereo images. The original features such as two-pair of speaker connection are still there since it provides convenience of bi-wiring connection.

NEW



R A N G E S E R I E S

because music matters

Features:

- Output power 2 x 30 Watts
- Full recording out selector
- Customised components

- Tone control
- Symmetric circuit architecture

- Two pairs of speaker outputs

- D.Bus & system remote control

Benefits:

- Ample power to fill the room with musical enjoyment
- Listen to one source while recording from another
- Special selection of components to give the best possible sound quality
- Tonal adjustment to personal taste
- Two identically layed out, symmetric audio circuit boards secure precise stereo imaging
- For bi-wired connection of loudspeakers, or in a multi-room application
- Flexible system integration and total control by using one system remote

Technological glossary:

Our specialty

Our OSE products are based on exciting audio devices within the Marantz range and are upgraded to very high standards. Therefore our OSE products exceed every expectation. Designed with the greatest care for construction and component use, these products have really become a Marantz trademark in terms of value for money.

Symmetric circuit architecture

To achieve the best possible sonic performance, signal paths need to be short, direct and mirror imaged. The construction of our circuitry provides improved stereo image by ensuring symmetry between right and left channel layout. The rigid chassis and solid metal construction create an anti-resonant environment.

Customised components

Every Marantz product is designed with a fine ear and eye for details. The designers have to know the characteristics of every component. On paper the component might look excellent but



the result may fall short of the combined design expectations. Therefore Marantz collects vast amounts of information upon specifics component performance capabilities. The result guarantees Marantz selects the appropriate

components for the specific design application. The sonic result is then critically acclaimed by international reviewers. In other 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 only in co-operation with the Marantz engineers.

Two pairs of speaker outputs

In not all domestic environments the availability of one speaker system is sufficient. Marantz amplifiers are equipped with the possibility to connect 2 pairs of loudspeakers. The speaker systems can be switched on and off by simply selecting the speaker system on the front of the amplifier. Another option for the second speaker connections is to provide a bi-wired connection for your main loudspeakers. By doing so, this provides each loudspeaker drive unit (bass driver and tweeter unit) to have a separate and direct connection to the amplifier. This reduces any influence the internal cross-over may exert upon the music. In effect each drive unit has a separate and independent filter network eliminating all cross over distortion.

D.Bus & system remote control

To optimise equipment in terms of ease of use, Marantz has designed the D.Bus system. Individual devices inform each other, in order to automatically tune to the customers demands. At the same time received remote control commands are communicated via this bus. This enables equipment without IR-receiver, like a cassette deck or tuner, to be controlled via a Marantz Remote control.

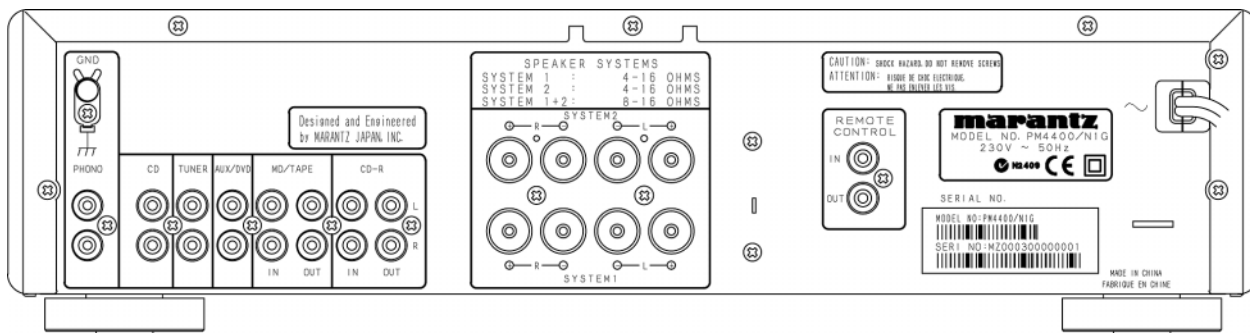
Bypacked Accessories

- User manual
- Remote control
- Batteries

RC4200PM



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PM4400 OSE

Preliminary Specifications

FEATURES

Channels
 Current Feedback Topology
 Class A amplification
 Linear drive power supply
 CCNE
 Power Transformer
 HDAM
 Symmetric PCB layout
 Copper Plated Chassis
 High grade audio components
 Customized Components
 BTL possibility
 Balance / Bass / Treble / Loudness
 Source Direct
 Separate solid heat sinks
 Speaker A/B
 Record selector: full / copy-source
 Tape monitor
 Temperature gauge
 Standby mode

INPUTS/OUTPUTS

Audio Inputs 6
 Phono input: MM/MC •/•
 Audio Outputs -
 Balanced in- / output -/
 External Control In (Composite) -
 Processor I/O -
 Pre-out / Main-in -/
 D-Bus In & Out •
 Gold plated cinch -
 Speaker Terminal: Heavy Duty Screw
 AC Outlets (Not for UK Model) -
 Headphone out •

AUDIO SPECIFICATIONS

2 Power Output (8/4 Ohm RMS) 30/40 Watts
 - Power Output (8/4 Ohm DIN) 35/45 Watts
 - Power Output (8/4 Ohm IHF) 50/80W
 - Frequency Response 10Hz-50kHz (+0,-1dB)
 - Total Harmonic Distortion 0.005%
 EI Bridged Power Output (8 Ohm RMS) -
 - Damping Factor 80
 • Input Sensitivity: MM 2.5 mV / 47 kOhm
 - Input Sensitivity: MC -
 • Input Sensitivity: High level 150mV / 20kOhm
 • Signal to Noise Ratio MM/MC/High Level
 80/-/105 dB
 •/•/• Channel separation: 1kHz / 10kHz 70/- dB

GENERAL

•/- Color Black / Gold
 • Metal Front Panel -
 - Remote Functions System
 • Remote control RC4200PM
 Power Consumption 100W
 Detachable Power Cable -
 Maximum dimensions (W x H x D) 440 x 116 x 343 mm
 Weight 6.0 kg

Design and specifications are subject to change by Marantz without notice

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