

# marantz® Integrated Amplifier

## PM4001 OSE



Also black available

### PM4001 OSE - Original Special Edition integrated amplifier

The famous in-house OSE tuning has its roots back in 1990's. Based on a standard model we are re-examining all components to find in long and partly painstaking listening sessions the right balance of the best components. Trying one component sometimes force to change another component that have been previously determined. As a result, the PM4001 OSE gives tighter bass, clearer stereo images and a wider sound stage. The original features such as phono input and two-pair of speaker connection with the convenience of bi-wiring connection are still there. The OSE is easy to detect due to the Original SE badge on the solid metal front and of course on the excellent sound quality.

# NEW

because music matters



R A N G E S E R I E S

## Features

- Customized components
- Solid metal front and rigid chassis construction
- Output power 2 x 30 Watts
- Full recording out selector
- Tone control & loudness function
- Tone defeat circuit
- Symmetric circuit architecture
- Two pairs of speaker outputs
- D-Bus & system remote control

## Benefits

- Special selection of audiophile components to give the best possible sound quality
- Minimizes mechanical vibrations which can disturb the sensitive audio signal
- Sufficient real power capability to fill the room with musical enjoyment
- Listen to one source while recording from another
- Allows tonal adjustment to personal taste
- Bypasses the tone control circuitry and ensures the purest sound quality
- Two times identically lay out symmetric audio circuit boards secure precise stereo imaging
- For bi-wired connection of loudspeakers, or for multiroom applications
- Flexible system integration and total control via one system

## Technological glossary:

### Original SE

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. These specially labeled products are designed with the greatest care for construction and component use. Based on the PM4001 and in line with our care for nature we have ensured that the PM4001 OSE is environmental friendly as well, when disposed of, after a lifetime of musical enjoyment. The OSE products have really become a Marantz trademark in terms of value for money.

### Customized 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 specific component performance capabilities. The result guarantees Marantz selects the appropriate components for the specific design application. The sonic result is 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.

### 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 tone defeat circuit will insure shortest signal paths by passing tone control board completely. The rigid chassis, solid metal construction and solid metal front create an anti-resonant environment.

### Two pair of speaker outputs

In not all domestic environments the availability of one speaker system is sufficient. The PM4001 OSE is 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 connection 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 crossover distortion.

### In control of the system

To optimize 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 the bypacked Marantz System Remote Controller.

### Environmental friendly

Every electronic equipment product is built of single electrical components that are made of different material and substances. Marantz assure that the components used in our products are free of any dangerous material or substance to keep our environment clean. We have for example removed hazardous substances like lead in the solder.

## Bypacked accessories

- User manual
- Remote control
- Batteries

## RC4001PM



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## FEATURES

Channels	2
Current Feedback Topology	-
Class A Amplification	-
Linear Drive Power Supply	-
CCNE	-
Linear volume control	-
Floating control bus system	-
Power Transformer: Super-ring / Toroidal / El	-/-/•
Choke input	-
Shotky diodes	-
HDAM: Standard / SA / SA2 / Current Feedback	-/-/-/•
HDAM cover: Gold plated / Copper plated / Metal /plastic / no shield	-/-/-/•
Input buffer amp (all inputs)	-
Construction: Twin mono / 3-Stage circuit	-/•
Symmetric PCB Layout	•
System block shielding: Copper / metal / none	-/-/•
Chassis : Die-cast / Copper plated / Metal	-/-/•
Double Layer Bottom Plate	-
High Grade Audio Components	•
Customised Components	•
BTL Possibility	-
Current Feedback phono equalizer	-
Balance / Bass / Treble / Loudness	•/•/•/•
Source Direct	•
Separate Solid Heat Sinks	-
Speaker A/B	•
Record Selector: full / copy-source	•/•
Tape Monitor	•
Auto Power On/Off	-
Low noise LCD display	-
Temperature Gauge	-
Standby Mode	•

## INPUTS/OUTPUTS

Audio Inputs	6
Phono Input: MM/MC	•/•
Audio Outputs	-
Balanced In/Out	-/•
External Control In (Composite)	-
Processor In/Out	-
Pre-out / Main-in	-/•
D-Bus In/Out	•
Gold Plated Cinch	-
Speaker Terminal: Click-fit / Screw / WBT	-/•/•
Floating control bus (3.5mm mono jack x 2)	-
AC Outlets (Not for UK Model)	-
Headphone Out	•

## SPECIFICATIONS

Power Output (8/4 Ohm RMS)	30/40 Watts
Frequency Range	10Hz- 30kHz (25W, 0.06%)
Frequency Response	10Hz-50kHz (+0,-1dB)
Total Harmonic Distortion	0.005%
Bridged Power Output (8 Ohm RMS)	-
Damping Factor	80
Input Sensitivity: MM level	2.5 mV / 47 kOhm
Input Sensitivity: MC level	-
Input Sensitivity: High level	150mV / 20kOhm
Signal to Noise Ratio: High level	105 dB
Signal to Noise Ratio: MM/MC	80/- dB

## GENERAL

Available colors: Platinum/Gold/ Silver/Black	-/-/•/•
Metal Front Panel	•
Remote Control	RC4001PM
System Remote Function	System
Power Consumption	100 Watts
Detachable Power Cable	•
Maximum Dimensions (W x D x H)	440 x 343 x116 mm
Weight	6.0 kg

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

[www.marantz.com](http://www.marantz.com)

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