



Brilliant new players from Rega, Cyrus, T+A and Audio Research





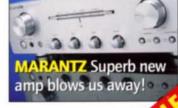


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THE BEST







2nd hand hi-fi mini-mag!



- ALR Jordan Entry L > Dynaudio Focus 110
 - Arcam Alto
- B&W CM1
- Monitor Audio RS6
- Opera Prima



Class act reborn

Marantz drops Class A operation from one of its most popular designs, but still retains the star quality

PRODUCT Marantz PM7001

TYPE Integrated stereo amplifier

PRICE 6350

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arantz has had a good run in recent years with its CD players and amplifiers. So, interest in new models is bound to run high, especially when replacing a much-loved oldie. In this case, the PM7001 has a particularly hard act to follow in the shape of the PM7200, a multi-talented amplifier that functioned as both Class AB powerhouse and mid-power Class A wonder.

Marantz was keen to draw our attention to various circuit enhancements in the PM7001, and also to explain why the Class A circuit of the PM7200 has been laid to rest. Ken Ishiwata, Marantz's 'brand ambassador', pointed out that the new amp's high-bias Class AB output stage intrinsically has next to no crossover distortion (the bane of every amplifier designer's life), while other potential problems of this mode of operation have been addressed by careful circuit board layout and high-performance small-signal stages upstream of the output.

The amp gave a very impressive performance in our lab, noticeably (though not dramatically) better than the PM7200, which in itself is quite a feat. In fact, the results were broadly comparable to some of the better amps we've tested lately at twice the price or more.

Internally, the power amp section is mounted on a remarkably large heatsink and fed from a good-size frame transformer via low-noise Schottky diode rectifiers and generous supply capacitors. Input switching is via integrated circuits except, apparently, for the CD input, which has a relay. There's a phono stage, the usual single op-amp sort of thing, and this year's must-have feature, separate pre-out and main in sockets. Phono sockets eschew gold plating, surprisingly.

SOUND QUALITY

There is no doubt that this is a highly capable amp. Right from the start of our tests, from stone cold as delivered, we found ourselves enjoying a presentation that's both punchy and detailed, with a real sense of musical engagement. Even at high listening levels, there's never any sense of a shortage of power, the amp's 100 or so watts (our finding, despite a 70-watt rating) being delivered with a confidence that can give quite a start even to power-hungry speakers. At the same time, fine details within the whole are lovingly preserved and convincingly portrayed.

It's not just a high-power, high-energy wonder, though. Subtle, small-scale music seems just as well served and even at background-music levels, there seems to be an unusual degree of listener involvement. The ever-popular combination of voice and guitar loses little or nothing in individuality or precision to the version presented by considerably more expensive amplifiers.

In terms of basic hi-fi requirements, bass seems to be cleanly and deeply extended and treble very open and sweet, without any obvious limitations in reach. As one expects these days, noise (on line inputs) is completely inaudible unless you're using incredibly high sensitivity speakers in a very quiet room, and manners in general are exquisite.

Is this the perfect high-end bargain? Not quite, though it comes pretty close. There is a very slight lack of bass authority with some heavily rhythmic dance stuff, and we heard a repeatable hint of chestiness in male vocals, though instruments seemed free of similar effects. All the same, this is one of Marantz's best and comes strongly recommended. HFC

Richard Black



SOUND >>> 86%

FEATURES >> 88%

- 医医腺腺腺溶合剂

BUILD >> 83%

VALUE >> 95%

PRO

sound with plenty of extension at both ends and confident power reserves. Notably fine coverage of the dynamic range.

□ CON

There's a touch of coloration on voice and less authority in the bass than is available elsewhere – but only if you pay at least twice the price.

CONCLUSION

Even viewed in the context of the recent trend among amps to deliver ever-increasing performance at ever-decreasing prices (witness also the Cambridge Audio 640A v2 on p57), this produces from well shows a great-tailor. War's impressed

OVERALL SCORE



91%



TOP 10 FUTURE CLASSICS OF HI-FI

Marantz PM7001 integrated amplifier

Meridian 808i Signature CD player

3. Cambridge Audio 640C v2 CD player

Funk Funk turntable

5. B&W 802D loudspeaker

6. Naim NAC552/NAP500 pre/power amp

7. Rega R3 loudspeaker

8. Denon TU-1800DAB tuner

9. Avid Acutus turntable

10. Apple iPod

