

PERREAUX



Perreaux

Eloquence 250i

Dressed in sheep's clothing!

Integrated amplifier

With integrated USB input of the amplifier. Launch date: December 2010. Several types of conversion modules available in two Coaxial digital inputs (support 24/192), the second group optical digital input (support 24/192), a USB digital input (support 16/48). Output power: 250 watts (8 ohm load), 500 watts (4 ohm load), total harmonic distortion: 0.002% (at 1kHz, 8 Ohms load, measured at 250 watts output), frequency response: 5Hz-60kHz (± 0.5 dB), damping factor: 800 (at 1kHz, 8 ohm load, 250 watts output measured), the volume adjustment range: ± 40 dB (per order 0.5dB). Earphone output power: 1 W (32 ohms load), 150 mW (300 ohm load), total harmonic distortion: 0.001% (at 1kHz, 32 ohms, 1 watt output measured). Dimensions (WHD) 426 x 149 x 344mm, Weight: 25 kg. Import Agent: Sheng Kai (02-26215880).

Text | Lin Yihong

Among the many works in the amplifier to make a choice, what is your most important performance? Is the driving force? Is functional? Or the unique sound qualities? Honestly, these three projects in addition to functionality, the superior is not easy to do part. Outstanding to the same time? That sound usually have to spend big money to have fans. New Zealand has launched a brand Perreaux eloquence 250i integrated amplifier hereinafter referred to as (250i), although not made ??their home before and after class flagship model, but people can bring an experience of listening to these three performance a sense of happiness, is not price but also to have the "luxury of happiness."

Threefold Luxury

Integrated amplifier have both the performance of this three course "luxury", but size is not particularly great 250i is how they do it? A key to my analysis for you. Driven part of the original full of confidence in the Perreaux official website labelled "the world's most powerful integrated amplifier", is

definitely has a long history. Open roof view, 250i spend three toroidal transformer, the biggest one is a visual shock to see the light, visual about 1,000 VA or so super-capacity, independent power supply for use after the class, it is the powerful thrust of the best comment. 250i uses three pairs per channel power MOSFET transistors to provide eight ohm load up to 250 watts of power, four-ohm load the output power as high as 500 watts is the standard "impedance is halved, doubling the power," it is stated that the driving force the sound level.

The most important is that the machine at 8 Ohms 250 watts output load conditions, the damping factor is still as high as 800, which shows the full 250i not only thrust, low-frequency control will be extraordinary. Quality parts, as far as possible to improve the sound purity, 250i transformer inside the other two groups, independent for the logic control circuit to the LCD panel, the front line, and the digital conversion required classes to avoid the lines between digital and analog interference possible. Part of

Reference Equipment	
Speakers:	Wharfedale Jade-5 Estellon XC
Headphones:	Sennheiser HD650
Cables:	Telos Golden Reference

several types of conversion modules (optional) very smart, sound control in the frame directly above the IC, then cable "direct" to shorten the signal path, USB digital receiver chip using Burr-Brown PCM 2903 chip, support for 16 - bits/48kHz specifications, TosLink and S / PDIF is supported 24bits/192kHz specifications. All digital signals are to go through SRC4193 up-sampling, and then sent to the Burr-Brown PCM1792 chips for several types of conversion.

Whether analog or digital signal into the machine are made by Burr-Brown PGA2320 volume control, the accuracy for each stage 0.5dB, a total order of degree of adjustment of plus or minus 40dB, adjust the volume displayed on the LCD screen can be complete.

"Timeless" Excellent Sound Quality

In addition, more emphasis on the original 250i to directly cross-linked design (Direct Coupling), absolutely no signal path will pollute the sound quality of the capacitor, coupling

capacitor completely rule out the phase distortion caused by or in the future of aging caused by sound impact. Simply put, this is not only excellent sound quality assurance, or good quality years of the same "hang assurance." Functional part, 250i of the headphone jack is very carefully done, not only 3.5mm and 6.3mm diameter Kegongshiyong two kinds, and when inserting and removing headphones, LCD display and automatically adjust to the "safe volume" to avoid users switching to use the headset volume is too large or too small a sudden trouble.

Best of all, the headphone jack of the sound qualities, and even exactly the same amplifier. 250i, even with such precision and analysis of Sennheiser HD650 headphones full force, as senior management will present a machine-like softness in the high-frequency characteristics, as well as clear lines of good level, the same people can not help singing along with great music sex. In theory, the headphone jack and the amplifier is not "shared" line, but the Perreux is very similar to the lovable tune out the sound at the end, we can see the original "My Dao a consistent" concept and design skill.

Finally, I have this 250i for "Taiwan Special Edition", the house is equipped with a Telos AudioDesign Gold Series cables. You know, this particular luxury Gold Edition installation wiring, not the agent be replaced by Taiwan, but Telos Audio Design the New Zealand factory for wiring placed by the Perreux original wiring themselves into the production welding. In other words, 250i assembly to ensure that quality is linked to the original sound quality, there Telos Audio Design's Golden Reference Series wire blessing. There Perreux such "value-added does not increase" the goodies, this light would like to have

people on the "Taiwan Special Edition" 250i full of expectations.

Moist, Harmonious, Soft, Smooth

To test 250i's driving force, I took the test only after the previous level to expand the opportunity to play the "postcard" album. If one of the South African national anthem lack of amplifier power, or power supply is not solid, the sound will soon become weak relax, and even jump directly to open a large volume machine, not to show the huge choir hundred momentum. The 250i with Wharfedale Jade-5 floor speakers, not only without the driving force shortage, and even speaker will be easy to push "from the box", audio and video like a complete speaker box binding-like, spreading out a large three three-dimensional sound field screen, even if a large volume to listen to is still highly innovative, powerful thrust and the scenes to restore the ability impeccable. I think the 250i or even users with the search, generally only need to consider the speaker's power handling and low-frequency performance, without fear of a thrust limit the performance of the system is not comprehensive enough.

But such high-power models, from the string will not listen to a bit weaker? The contrary, 250i into high-frequency wet, harmonious, soft, smooth, relaxed but also the unique characteristics of high-power, complete with sharp, thin, and interests, such as adjective thin insulation. Play "Sunrise" album Stella first Warri violin recording, though not noble luster shining tone, then the sounds of the stable and comfortable, like sitting in high-powered luxury cars, the high speed (high to musicians) there will be no fear of fear, but the more you unconsciously want to open faster (loud), it is easy to integrate into the performer to

create feelings of well, is charm great string regeneration mode.

With the Musical Sound of the Building

Listen to Chin's "A Beautiful Mind", the song end as very condensed, and the proportion of accurate, but not a huge swelling. Apart from its clear audio and video characterization, but also will be if the song seems to be no reverb, set off a complete regeneration of the voice of the "sense of space." Is the kind of listening will want to sing along with the expansion machine, rather than the withering-sounding voice, but not into the music. The emotional rendering will make people immediately feel relaxed power, would immediately want to hum along with the lyrics, but singing while but find it difficult to detect the level of the previous sense, is the outstanding sound of the building from moving musical.

With Estellon XC speakers, the finishing touch on the 250i a camel up the lack of original gloss and noble feeling, so listen to "2VIG" album, the songs are as clear outline, but a deliberately crafted to remove a sharp sense of sound field in emerging audio and video are more specifically distinct. Therefore, in addition to spectacular musical, there is now more a "watch" the instrument body sounds fun with the details. I was most surprised that, 250i can be satisfying in the XC launch low-frequency impact, playing an outstanding recording from the mixer software that Sincere to the meat, the impact of a solid sense of cohesion is really unforgettable. Even better, this time a very clear bass lines, severity and direction of energy, almost clearly exaggerated. Usually difficult to detect low-frequency level of the moment to emerge, even at small volume to listen to, music,

pictures are painfully abundant fullness.

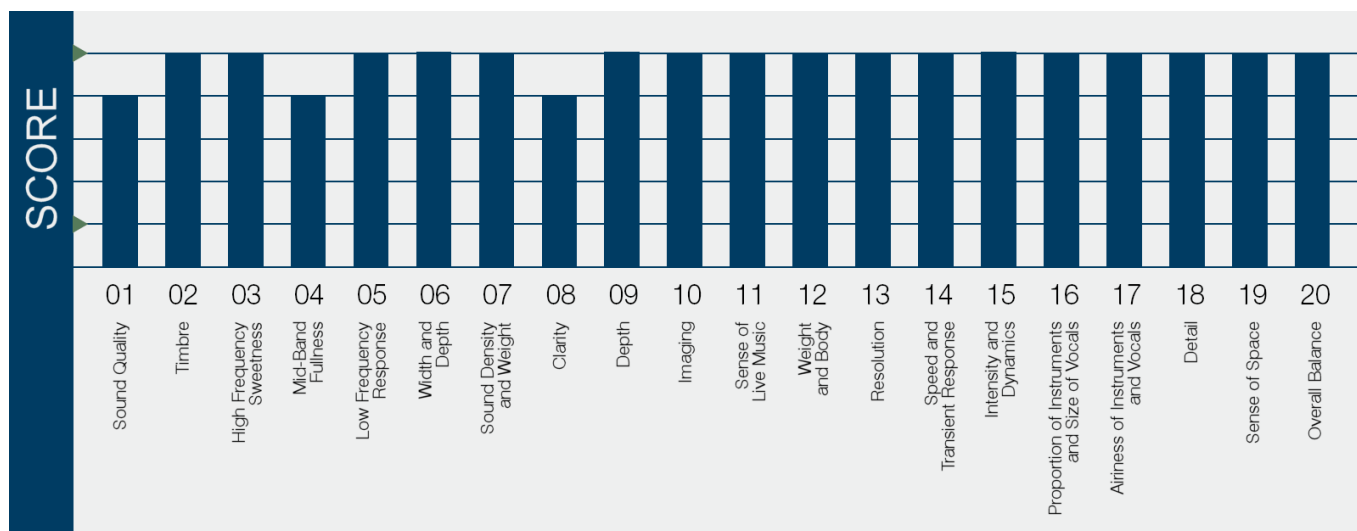
Dressed in Sheep's Clothing!

Under the low-key appearance hearing 250i powerful performance in the future when you think of the New Zealand brand impression, certainly no

longer the weak and powerless sheep, but a little far to seek deep, blow hit the wolf! The stability of solid driving force to control the low sensitivity of the speaker is not a problem; its outstanding senior machine-like music, there has been a long time people want to listen to the charm; its ear with a variety of optional modules to expand

functionality is extremely practical, with home audio system can easily integrate fully.

If your amplifier in this price with a budget, I think the 250i is a valuable one choice. If the budget beyond this price, it is enough to leapfrog the performance of the challenges is worth considering.



Five Elements of Audio Character

- Gold** : putting bright and lively
- Wood** : a warm affinity reserved
- Water** : soft warm neutral
- Fire** : the impact of rapid warm
- Earth** : thick full stable

