



PERREAUX

PHONO

DISC

AMP



Perreaux

Audiant 80i

A full range of killer

Integrated amplifier

Corresponding to several types of USB built-in converter integrated amplifier. Launch date: September 2010. Each channel output power (less than 0.05% THD + N): 80 watts (8 ohm load), 130 watts (4 ohm load), total harmonic distortion (THD + N): 0.002% @ 1kHz, 80 watts output (8 ohm load), frequency response: 20Hz to 20kHz (± 0.1 dB), signal to noise ratio (A weighted): 105dB (80-watt output, 8 ohm load), damping factor: 400 @ 1kHz, ref. 8 Ω , Gain: 28dB, Analogue input terminals: a high level, a group of singing the first amplification, a set of pre-level inputs (switchable), analogue input impedance: 47k ohms, digital input: a set of coaxial, fibre optic Toslink two groups, a group of USB, Analogue output terminals: one before the class, a group of high level, the analogue output impedance: 540 Ohm (front stage output), 270 ohms (high output), the volume control range:-90.0dB to +6.0 dB, digital input sampling frequency: 96kHz (coaxial, optical fibre), 48kHz (USB), digital input bit precision : 24-bit (coaxial, optical fibre), 16-bit (USB), Dimension (WHD): 431 × 309 × 67mm, weight: 11.5 kg. Import Agent: Sheng Kai (02-26215880).

Text | Lin Yihong

For audio fans, younger, from New Zealand Perreaux probably an unfamiliar "new faces", but they actually founded in 1974, but the sound old plant, the year after the class 5570 Cuikulaxiu flagship drive capability level (500 watts per channel, eight-ohm load), a senior audio fans certainly unforgettable. Today, they drive capability for the requirements of the amplifier remains the same, just under the mid-range model is only 250i, full of confidence in the original to the page marked "the strongest driving force of the world integrated amplifier", while The evolution of sophisticated three decades, leaving a rich Perreaux complete product line, all kinds of information readily available source and amplifier.

Excellent Low-Frequency Control

Perreaux current source of product information, including a CD turntable, CD discs, USB

DAC, amplifier works before high-level, passive before the class, before singing the first amplification stage, headphone amplifier, integrated amplifier, multi-channel after the class, After the level stereo, mono, and so after the class. And this hero Audiant 80i (hereinafter referred to as 80i), can be said that a number of technical advantages Perreaux is a killer in one product.

How do you say? First of all, 80i inherited Perreaux attaches great importance to the traditional driving force, so the output power of 80 watts per channel in the book figures to spend a Japanese Toshiba 2SJ1201/2SK1530 MOSFET power transistor, and a very clever locked in the roof panel. One piece of the metal surface cooling, coupled with an almost occupied the whole left half of space, large chassis custom toroidal transformer, with up to 12 and the fast charge and discharge capacity of 2,200uF filter capacitor, creating a rapid reaction, the energy sufficient The power centre of gravity.

Therefore 80i in four-ohm load, up to 130 watts per channel output power, and the damping factor of up to 400, showed extraordinary low-frequency control.

Set in One of Many Technical Advantages

Said again, "News Source" section. 80i is a driving force not only impressive but also an integrated amplifier with USB input terminals of the several types of converters. The USB interface chip with Burr-Brown PCM2707 has 16bit/48kHz digital signal corresponding ability to listen to CD specifications based on the number of users in terms of bit-stream called practical. If it is coaxial or optical digital inputs, up to a maximum corresponding to high-resolution files 24bit/96kHz. If not high-resolution files, 80i uses several types of conversion chip is ESS ES9006, can be all digital input signals up-to 24bit/96kHz, further enhance the sound of

Reference Equipment

PSE CD310 CD player

PSB Imagine T Speaker

Dynaudio Contour S1.4 Speaker

resolving power. Not only that, Perreux original and stressed its digital coaxial input, a cross with the installation of a transformer, can be isolated from noise and lower jitter. Not only take care of the digital stream players, Perreux did not forget vinyl enthusiasts, the 80i did not even sing the first or the lack of amplification, so that users in the digital / analogue information source of the basic needs of a clean sweep. Finally, said functional part. This machine has the PRE OUT terminals, so users can have adjustable brightness, touch panel design of the 80i, as the use of a preamplifier; it with HT terminals (after level input), to facilitate connection with the family around Processor or other former level, to the machine after the class to use as a stereo.

Infectious Sound and Audio Visual Field

Beginning with a listening mode, the news source is PSE CD310 direct output analogue signals to the 80i, with PSB Imagine T small floor speakers. In such combinations of, 80i, and did not let the sound field appears to shrink or shrink audio to relax, but showed rare amplifier characteristics. How do you say? First of all, 80i audio and video completely to form a small way, in exchange for a clear positioning sense and sense of hierarchy, but the full audio and video to show the relative proportion of the right, so filled with the sounds of elements such as space, like a large to a large Sway out of the music sounds so special opening, open sound field in particular, rich audio and video in particular of infection.

Eight Dimensions Jay Chou album like Orcs, if the amplifier open degree sound field full of low level audio and video, you can not hold up like a video game epic song Zhuang Sheng

momentum, and a pleasant surprise to play through 80i And content. Waves from the start, blending the orchestra to orchestra playing only gradually, 80i will be able to voice different textures, audio and video to large and open, surrounded by audition room full to the front.

When the string to pull out a large amount of group feeling, speakers spaced only about six tenths the width of space, but the two sides of the video is not as broad as is the speaker box binding-like, to direct the heavy string around the side wall group . Subsequent bass rhythm, distinct particles together into pop, but also with just the right impact, so the low frequency levels and lines, is particularly clear and explicit sense of the whole scene has become very persuasive.

When the song melody appears, 80i shown that not all seems to be no harmony, but without affecting the clarity of the sound level of texture, so that a large sound the same, a large sound field coverage out front, with production The accession of other sound elements, filled the space quite a scene a sense of fun. Listen to the album, other tracks sound as long as there's music section, 80i will be able to demonstrate space-like audio and video coverage of the thickness of the front, but unfortunately at this time still is not enough energy in the full low-frequency, or momentum can certainly lay out the screen was more complete.

Impressive Performance of Several Types of Conversion

Then I used the PSE as a dial to a coaxial digital cable to connect to the 80i, with its built several types of converters. The results had been restricted from the speakers like video

and sound field, this time limit has been like a bit like out of space, showing a more open three-dimensional far-reaching sense, musical instruments, vocals and delicate texture is more smooth, apart from a large audio and video Also been more clear lines, the sound improvement was substantial. In other words, 80i is not just an excellent integrated amplifier Constitution, and also a very high standard, the performance of digital to analogue converter, the company heard that several other editors conversion between the number of classes, but also can not help on the "new faces "Perreux began with admiration.

But I do not like to meet, so then replaced Dynaudio Contour S1.4 bookshelf-type speakers, in some positioning adjustment, so that the sound level combination is more satisfying. The main difference is that the former although you can create a large screen, but not the same as the latter, all musical instruments the human voice in the voice, the sound field in the impurities settle down like all the general, the sound level is more calm and organized, pay attention to sounds Qiyun And musical recordings, even with the sound quality charm.

Not Omnipotent, But All-Powerful

Like listening to string playing is full of tango style album "Tango Tango", 80i stringed instrument from the speakers can limit the location in the back wall of sound. And its string fascinating is that it is not high, although noble sense of sophisticated equipment, but has a high sense of watery moist and sweet with a very refreshing and will not lose too much sound accuracy, plus Tough line on the tenacious sense, showing a very unique

voice texture. Also because of its characteristics dictates, the stringed instrument stringed viscous friction and density of feeling a sense of sympathy in some of the finest musical instruments appear more bold aesthetic. Simply put, it is not mining the details of the most feeble strength.

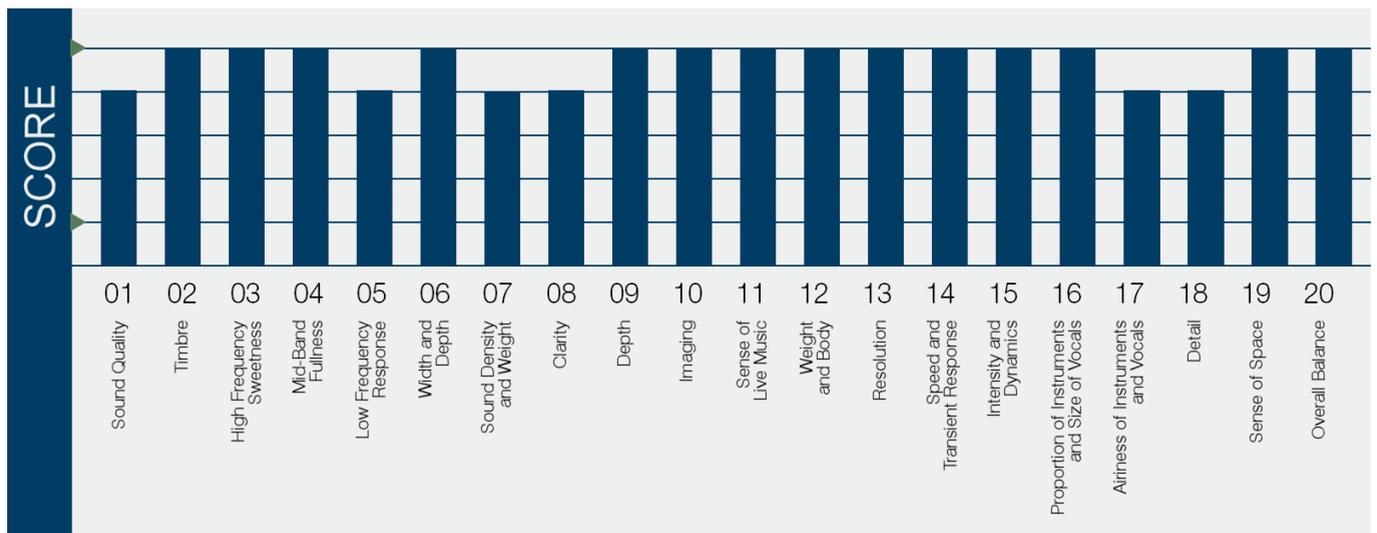
Such as "The Bass Gang" double bass recordings, 80i piano in the performance of the most subtle vibration chamber, it is not yet very subtle, can not bring out the generous and noble instruments detailed sound quality. And such a feature in the performance of

attention to speed, rhythm and energy of jazz playing, can be irresistible charm, can not help but swing dance with the melody. Like Oscar Peterson Trio You Look Good To Me, audio-visual width to the left corner of the drums against the wall, the wall width to the right corner of the double bass, as well as in the sound field continue to beat out strong central grain grand piano sound, 80i makes these three Very solid body instruments in the sound field in the sense of the far side, and open sense of space, with the instruments of dialogue in the sense of recording space.

Best Recommended

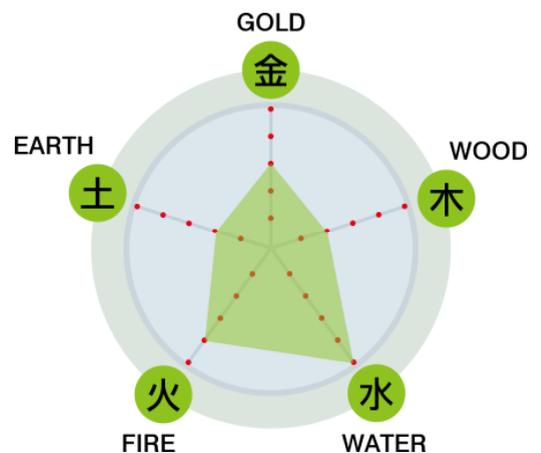
80i is not everything top model student, but it is more comprehensive nature of audio fans need. And thrust both, function and design ingenuity of 80i, is indeed worthy of the essence for the Perreux range of products in one set of killer designs. Comprehensive consideration of the performance of its voice again, driving ability and the quality of several types of conversion, plus locally made New Zealand great texture, I think it is recommended to obtain the best magazine to its name.

Twenty to Sound Icon



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





Internal and Back

Perreaux amplifier attaches great importance to the performance of drivers work, so power supply can be done that sufficiently. King's custom toroidal transformer, occupies nearly the entire left part of the chassis space, charge and discharge rapidly, as many as 12 of the 2,200uF filter capacitor capacity, creating a rapid reaction, the energy sufficient power supply.

Appearance

Neat and elegant appearance, with a touch panel 80i, in fact, is one of the panels and roof shape, and to provide power crystal cooling purposes, and not see a strong driving force of the heat sink claws.

Reference Software



Jay's sui generis, never change the style as the market trend is different on the Chinese music market, the number of classics. Place the classical style of music not only in its trend-setting, but also its outstanding mix album recording effect, allowing a variety of musical elements blend nicely and have fun. (74321959972, Sony Music)

Focus Points

① Full audio amplifier sound the end of the huge field. ② Converter built several types of outstanding performance. ③ Beyond the size of the speaker drive capability.

Recommendations

① Cheap and digital information sources (e.g. DVD player) can make good use of the built-in digital to analogue converter to enhance performance. ② Full-range floor standing speakers, do not worry too much about driver issues.

