Genuine pair
-primer PRE
35 DAC A

Recent comments

- Some images are cut. And for each image, put the speaker product name like Ellak…
- When I was carrying this product, I was looking at the product instead of the one-box speaker.
- C4 is too big. It's an exciting new product. Confidence 30 should be worth a try.

[Review] Olnik, a big one by the method of punching. Olnick HPA-3000

Oil tank

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올닉, 정공법으로 크게 한방 먹이다

ALLNIC HPA 3000

Authentic headphone amplifier opens up the growing market for headphones

I hope you read this article with your mind in mind that it seems so easy to get more or less amplification without loss in the process of amplifying small music signals.

Nowadays, there are a variety of headphones and earphones and various players and amplifiers suitable for the purpose of the portable era or even the era of headphones. Perhaps it's more accessible to music enthusiasts to be able to feel consistently high quality sound quality in a simple configuration, regardless of place and space.

- The exact size is smaller than C4. As long as I don't have much connection with Dynaudio…
- I want to write too much, but this time I think it will be hard. Used price cheap later…

Among them, users who choose portable for the convenience of portability and convenience and headphone users who want to listen to music of higher quality more seriously are using a headphone amplifier for headphones with a large diaphragm and magnet than earphones. It became like an official. In fact, some people claim the use of headphone amplifiers, but if you want to get enough volume and enjoy 100% of the performance of the headphone, the use of headphone amplifiers can make a big difference.

In order to meet the growing needs of headphones users thanks to the development of portable, some audio brands have added headphone jacks to integrated amplifiers and DACs, but the amplifiers that are only for headphones are still in earnest. At the same time, it is hard to find a brand product that is recognized for its technology and ability.

That's why Olnick's headphone amplifier HPA-3000 is a full-fledged headphone amplifier that opens the door to a true high-end. In fact, this is not the first headphone amplifier launched by Olnick. Prior to that, it launched a product called HPA-5000 and impressed Olnick's name by impressing many foreign headphones users with its unique information and broadband characteristics. The HPA-5000 is an OTL / OCL (Output Transformerless / Output CapacitorLess) amplifier that eliminates transformers and capacitors at the output stage, increasing the amount of information and purity of the sound to the extreme, while the impedance of the headphones is optimized for 30 to 50 Ω. There was a limit to the part.

Therefore, in consideration of matching with more various headphones, the HPA-3000 is designed to cope with headphones of various impedances by applying the nickel-transmitter with its proud broadband characteristics to the output stage to improve driving power. This makes it possible to use headphones below 50Ω and above 200Ω, and also reduces the number of tubes used, resulting in the highest specification headphone amplifier using constant voltage tubes.

Responds to resonances using a rigid chassis, silicone rubber feet and absorber gel

In terms of appearance, it is a half-rack size almost similar to the HPA-5000, and has a long shape inward. The front panel shows two 1/4 ”(6.35mm) headphone outputs corresponding to less than 50Ω and more than 200Ω, and the select button to select the input terminal on the left side, the power button on the right side, and the volume button are located in the center to create a completely symmetrical shape. have.

On the back, I only see two sets of RCA inputs and a power supply, but I was relieved that it was made of a purely headphone amplifier without any USB input or digital input. In fact, how many products were applied in the assortment way using a poor or simplified module board compared to the independent product of the headphone amplifier unit or integrated amplifier added to the DAC!

The HPA-3000 employs a pure 3-pole vacuum tube, which is rarely represented by 300B among audiophiles in recent years. The 3-pole vacuum tube is less sensitive than other vacuum tubes, making it more difficult to produce, but with less straightness, less distortion and sound quality. It has excellent features and is loved by many lovers.

In addition, I couldn't feel noise when listening without negative feedback, but it was known that it was technically very difficult to satisfy both, so I realized Olnick's technology.

Olnick's products may be easy to move around, but the weight of the device itself is quite heavy, and the handle is often attached to the side. The HPA-3000 is relatively small in size and has no handle, but the weight is quite heavy due to the three transformers and the rigid chassis, and it is also unusual to use the absorber gel partially applied to the silicone rubber feet and the tube socket to cope with resonance. .

Increased dynamics and the amount of information increase the inherent feel and dimensionality of the instrument

We listened to the characteristics of Audio Lab's Q-DAC as a DAC and comparison headphone amplifier and connected the RCA output to Olnick's HPA-3000 to compare the two devices. Q-DAC is a product with a flat band balance and relatively long viewing time, which provides a good reference point for evaluating Olnick's performance.

The first changes caught in the HPA-3000 include a dramatic improvement in macrodynamics and the resulting greater spatial sensation. As a result, the driving power of the amplifier itself was basically good, so it was possible to secure sufficient volume even at around 10 o'clock, and the playback sound was also clearly distinguished from the front and back of the instrument.

Of course, not only the dynamics are improved, but the amount of information is also reduced. As a result, the unique feeling of each instrument is improved, and the three-dimensional effect is improved. These results indicate that Olnick's HPA-3000 is a well-designed headphone amplifier that minimizes the loss in signal amplification and propagation, rather than simply a headphone amplifier that only outputs power to drive a hard-to-drive receiver.

Satisfaction and high-resolution low range as if it were coming from a 3-way large plane

Pat Metheny-beyond the Missouri sky

Pet Methni is a vivid guitar-like noise, with chords chording the strings with his fingers, along with a tension that bounces strongly with his right hand. In particular, the face of the guitar is clearly visible and distinguished from the double bass. The sound of the double bass supporting the overall rhythm from the back expresses the texture of the gut string calmly without being buried or clumped, and plays with the acoustic guitar to give a very full sound. In particular, the tension is given as the string is pulled tight before the string is bounced when the amplifier or source is at some level.

Jennifer warns-way down deep

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different from system to system. The bass from Olnick's amplifier is a low bass that feels full and full of resolution, as if it were from a 3-Way large format. If you do not go through the amplifier relatively low center of gravity, such as the low end of the bookshelf, it seems that the importance of the amplifier is clearly realized in the headphones. This album is not only low end but also recordings of other instruments are quite good.

Even the simplest and easiest way to make a big difference

Think again about the first question. Is it easy to design an amplifier that drives speakers? Is it easy to design an amplifier that drives headphones?

Often, a manufacturer or consumer can easily think about a headphone amplifier. In the case of an amplifier driving a loudspeaker, the signal must be greatly amplified, so the noise can be amplified greatly, and the original sound can be easily distorted during the amplification process. For this reason, manufacturers try to review and apply various circuits and overcome them through various technologies.

For headphone amplifiers, on the other hand, a power of around 1 ~ 3W is enough. Because of the relatively good sound quality, manufacturers often make small IC modules or simple circuits, so it's hard to find a reliable headphone amplifier that's well-produced.

Olnick's HPA-3000 has taken a big step forward from these manufacturers. Here's an example of how big the difference is when you approach it, even if it's simple and easy. I think this is enough and I want to take this product to the headphones users who listened to the music right away.

Audiomentos For Sale
3.5 million consumers

REVIEWER

유조 / 칼럼니스트

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