

Introducing the world's first 4-layer "multi-stage pendulum"

Audio Rack Chapter II "Pegasus II" is born here

The audio rack "Pegasus" can be said to be the culmination of WELLFLOAT, which made its shocking debut in "Audio Accessories No. 176" in February 2020. Four years have passed since then, and during that time the company has released a series of epoch-making products.

In June 2022, "Babel", a single-piece insulator with a 4-layer hanging structure, was launched.

In October 2023, the audio board "WELLFLOAT Double" with a two-stage pendulum structure became a hot topic.

Finally, Pegasus II, the world's first 4-layer multi-stage pendulum audio rack incorporating all of these technologies, has been born.

Chitake Inoue and Yoshio Obara, who highly rate WELLFLOAT's ability, experience its shocking effects.

WELLFLOAT Pegasus II

audio rack



Text by
Chitake Inoue

4 years since the appearance of "Pegasus"
Multi-stage pendulum structure continues to evolve

In 2020, WELLFLOAT, an audio accessory brand that has gained a lot of support for its unique hanging structure, combined all of its technology to create the audio rack "Pegasus." It is still fresh in our minds that it received a great response not only in Japan but also overseas, and became a bestseller.

Four years have passed since then. During this time, the company made even bigger strides. Babel is an insulator with a multi-stage pendulum structure.

The developer of WELLFLOAT also happened to learn that an Italian astronomer had adopted a multistage pendulum as a vibration isolator for detecting gravitational wave, and became convinced that the effect was correct.

"Babel" was equipped with three of these pendulums,

for a total of 12 mechanisms. The absorbing ratio of it is calculated to be 1/1 quintillion at 300Hz. This is an extraordinary performance.

The "Babel" was highly acclaimed in many fields, including being used in recording studios, and orders continued to pour in, with production unable to keep up. However, WELLFLOAT's rapid progress never stopped there.

Two years ago, the "Babel Base" was released, which made it possible to set the "Babel" more accurately. By determining the location of the center of gravity of the equipment being carried, they have succeeded in bringing out more reliable effects. Furthermore, last year, a board called "WELLFLOAT Double" was created as an application of "Babel."

The board itself is constructed from a combination of super anodized aluminum and sandblasted stainless steel. There are four insulators attached to the bottom



The number of sounds increases, allowing you to freely create a variety of tones WELLFLOAT's true value has sublimated here.

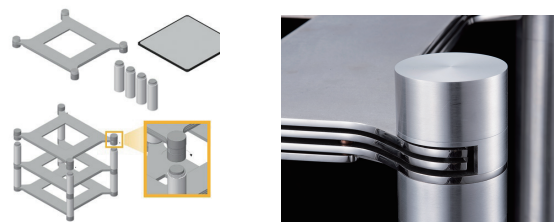
pillars alone will have a 2-tiered pendulum structure and the vibration damping performance will likely be greater than you can imagine.

For more information, please refer to the article in "Audio Accessories No. 191".

With WELLFLOAT Double Realized a pendulum structure with a total of 4 stages

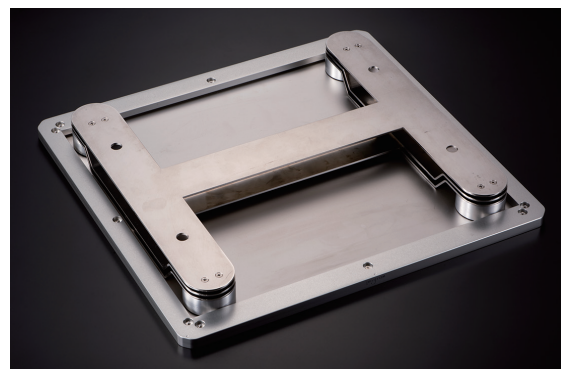
Now, we're getting closer to the main topic. It is "Pegasus II".

Although it is a refined model of the audio rack "Pegasus" mentioned at the beginning, the structure is completely different, so it may be better to think of it as a new product.



By adding rack shelves, you can freely change the number of tiers. You can also choose the height between each shelf by arranging columns of different lengths. Load capacity per stage: 85kg (static load)

The multi-stage pendulum structure is also used to detect gravitational waves, and its patented "pendulum" structure controls vibrations down to the molecular level. A two-layer WELLFLOAT mechanism is installed in the rack support section of "Pegasus II"



WELLFLOAT Double is a two-layer multi-stage pendulum type audio board that is recommended for use in racks. The part of the board where the two-layer WELLFLOAT mechanism is mounted is made of super anodized aluminum and sandblasted stainless steel to prevent vibrations. The size is 480Wx450Dx44Hmm, and the load resistance is 0 to 200kg.

The original Pegasus was designed as a suspended structure using 12 WELLFLOAT mechanisms on each shelf. On the other hand, this machine "Pegasus II" is different from that, and entirely adopts a multi-stage pendulum structure.

First, each rack shelf has a bottom plate made of three pieces of hard stainless steel. A WELLFLOAT mechanism with a two-stage pendulum structure is built into the joint with the pillar. You can freely change the number of shelves by adding shelves, and also choose the height of each shelf by arranging columns of different lengths.

Furthermore, the shelf has a large hole in the center, and the board "WELLFLOAT Double" mentioned earlier can be placed to cover this hole. This pendulum is also a two-stage pendulum, so each stage has a total of four stages, which means it has the same number of stages as "Babel."

The design this time as well is by Shiro Nakamura, former CCO of Nissan Motor Co., Ltd.



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A different sense of tranquility and energy The sound of purity itself

The major characteristics of WELLFLOAT are its sense of tranquility and energy, but I feel that the way "Pegasus II" comes out is a little different from the previous ones. It was silent and I couldn't hear anything around the sound. It's as quiet as entering a studio, and the quietness pervades every corner, making even the air feel transparent. I think this is what true tranquility feels like.

Perhaps I couldn't hear anything other than the electrical noise from the equipment. Only the sound of music floats in the silence. The sound is as fresh as if it had just been born, and there is nothing superfluous or dirty. It can be said that the sound is pure and pure. And it has a lot of sounds! It gives the impression that every sound has been extracted from the source and arranged neatly.

When Baroque music is played, the sense of tranquility is particularly noticeable, and against the pitch-black background, the stringed instruments have a rich feel, and are rich in tone and luster. And the way it comes out is light. It bounces lightly so that you can see the bounce of the string and bow. There is no distortion in the ensemble. Even instruments that aren't very noticeable, such as the lute and organ, have such vividness that it feels like they're being played right in front of me. The number of sounds is rich because every sound, no matter how small, has its own presence.



"Pegasus II" experienced by Yoshio Obara

Text by
Yoshio Obara

Significantly improved clarity of sound image form I was really surprised by its tremendous effect.

I personally use G-Clef Acoustic's WELLFLOAT as a base under a turntable or small equipments. In particular, the double-arm heavy-duty turntable, which is based on the Technics SP10mk2 that I have been using for many years, has been extremely effective in not only isolating vibrations, but also dramatically improving S/N ratio.

Readers may already be aware that the principle of this unique mechanism is a "pendulum" structure, but the newly released rack system has an even higher level of perfection in its pendulum structure. Pegasus II, a sturdy all-metal rack made of solid machined stainless steel and aluminum, is based on the company's unique methods and theories, and the more you know about it, the more rational the mechanism becomes.

Looking specifically, the two-stage pendulum structure "WELLFLOAT Double" is mounted on a two-stage pendulum base frame that incorporates a hanging

The reproducibility of the piano is also very realistic. I almost jumped when I heard the strong bass keystroke. It's not a matter of volume or explosiveness, but probably a difference in freshness. I get the impression that the fine particles that I touch are existing one by one without being crushed, which must be what makes it so fresh.

The instrument itself becomes visible. It's not just the stage. The space behind the stage, the air above in the spade You can feel the reality as if you were listening at the microphone position. It has a thick core, but has plenty of lingering sound, and is always surrounded by resonance. It's a sound that makes you imagine that the recording scene must have been like this.

The reproducibility of the chorus reveals the atmosphere of the church. Light and quiet space. The clear voice, wrapped in a rich aftertaste, is overflowing with a pure white shine that keeps away dirt.

The reproducibility of the orchestra can also be said to be a piece of freshness, with a raw feel everywhere. Rich in moisture, the instantaneous power is intense and sharp. There is nothing between the sounds, only the air can be felt. The variety of tones is freely drawn and not muddy, and the powerful explosion of tutti is piercingly vivid. I feel that the true value of WELLFLOAT has sublimated here.

structure. This four-stage pendulum structure achieves perfect isolation of minute vibrations. The design of the main unit that can be stacked into multiple tiers is also very desirable.

When I tested it with an SACD player and preamp, the effect was tremendous. The remarkable effect of Pegasus II, which I felt after replacing it with a general-purpose audio rack, was a significant improvement in the clarity of the sound image form. It is inferred that the reproducibility, which had been ambiguous due to minute vibrations, became even clearer by removing it. Well, I was surprised. When playing classical music, I was able to clearly see the details of the instrumentation, and the texture and expression of the instruments became more and more exposed. It feels like only the information is extracted more faithfully.

When reproducing vocals, the texture becomes even more dense without changing the color or luster. As a result of cutting out unnecessary incidental sounds, the sound image is brought sharply into focus, and the feeling is incredible. On the one hand, the stereo image has undergone a drastic change. The height, width, and depth are all enlarged and expanded, and a magnificent sound field spreads out in front of me.

This listening test made me keenly aware of the enormous impact that audio racks have on playback sound.

