Featuring a "multi-stage pendulum" mechanism derived directly from high-end models.

The second-generation series of standard audio boards has arrived.

Profile | Wellfloat continues to evolve its unique mechanism—which converts vertical vibrations into horizontal ones—by advancing its cantilever and suspended pendulum structure. Recent additions to the lineup include the "Double4548" audio board and the "Delta Extreme II" isolator, both featuring a new two-layer, multi-stage version of this mechanism—products we have previously covered in detail. Now, this advanced two-layer mechanism has been incorporated into the company's standard-class audio boards, marking a complete renewal of the lineup. A striking feature is the stainless-steel mechanism installed at the base of the board; the product is a masterpiece designed by world-renowned automotive designer Shiro Nakamura. Audio critic Chitake Inoue reports on the sonic performance of this second-generation standard audio board, which allows a wider audience to experience Wellfloat's cutting-edge technology.

Text by Chitake Inoue

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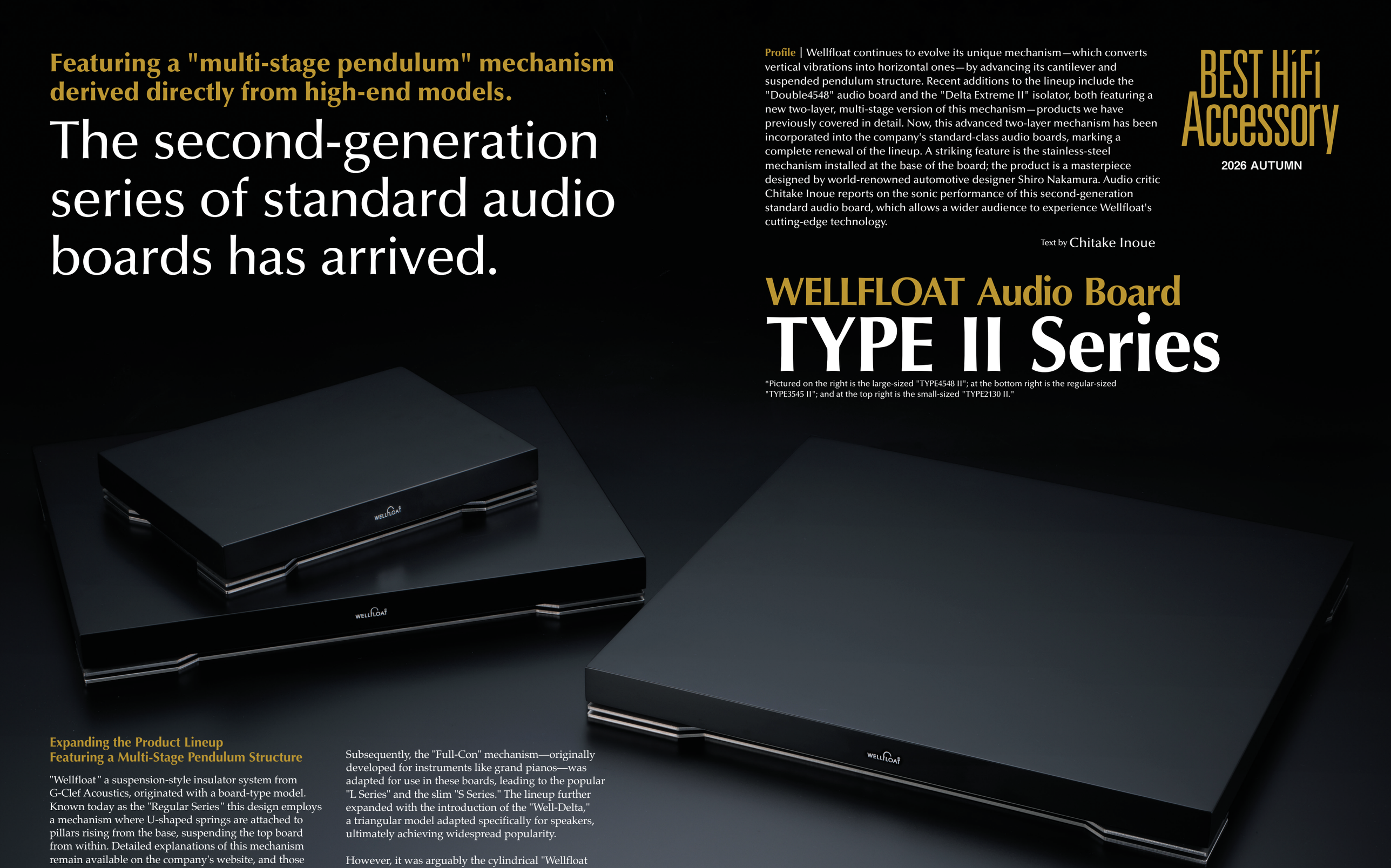
WELLFLOAT Audio Board
TYPE II Series

*Pictured on the right is the large-sized "TYPE4548 II"; at the bottom right is the regular-sized "TYPE3545 II"; and at the top right is the small-sized "TYPE2130 II."



Expanding the Product Lineup Featuring a Multi-Stage Pendulum Structure

"Wellfloat" a suspension-style insulator system from G-Clef Acoustics, originated with a board-type model. Known today as the "Regular Series" this design employs a mechanism where U-shaped springs are attached to pillars rising from the base, suspending the top board from within. Detailed explanations of this mechanism remain available on the company's website, and those interested are encouraged to take a look to gain a clear understanding.

Subsequently, the "Full-Con" mechanism—originally developed for instruments like grand pianos—was adapted for use in these boards, leading to the popular "L Series" and the slim "S Series." The lineup further expanded with the introduction of the "Well-Delta," a triangular model adapted specifically for speakers, ultimately achieving widespread popularity.

However, it was arguably the cylindrical "Wellfloat Babel"—featuring a multi-stage pendulum structure—that truly astonished audio enthusiasts around the world.

By applying the multi-stage pendulum structure—also utilized in the KAGRA large-scale cryogenic gravitational-wave telescope in Hida City, Gifu Prefecture—to the Wellfloat mechanism, the design achieved powerful vibration control through a four-stage suspended spring configuration. Theoretically, its vibration isolation ratio reaches 2 to the 16th power—or one part in ten quadrillion—at 300 Hz. With vibration elimination capabilities bordering on the quantum level, it has become an unprecedented type of isolator that transcends the realm of physical solid-body vibrations to address the operational domain of electrons themselves.

Finally Incorporated into the "Standard Board" —the Company's Foundational Product

This multi-stage pendulum structure became the mainstream design for Wellfloat products, leading to the development of a wide range of items such as the Wellfloat Pegasus II rack, the Wellfloat Double board, and the Delta Extreme II spike base. It is no exaggeration to say that the current Wellfloat lineup cannot be discussed without reference to this multi-stage pendulum technology.

Now, the final remaining challenge has been resolved: the multi-stage pendulum has been incorporated into the "Regular Series" boards—the products that represent the company's very origins.

The Regular Board is a simple audio board consisting of an MDF platform mounted on a "Full-Con" mechanism. Available in various sizes, it accommodates a wide range of components, including amplifiers, CD players, and analog turntables.

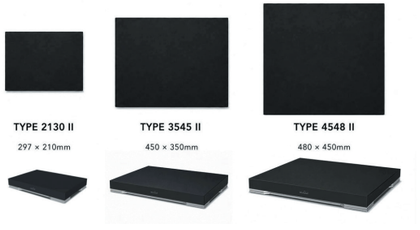
The newly released TYPE II series replaces the original spring mechanism with this two-stage pendulum structure.

The top board itself is made of MDF with a black finish, consistent with previous models. However, the underlying internal structure is somewhat complex and utilizes rigid stainless steel.

The system features a three-layer base structure: the board rests upon a combination of two frame-style base units and sub-bases located at each corner. Two "Wellfloat" mechanisms are installed at each of the four corners, creating a system where the board is supported by four multi-stage pendulum assemblies, each consisting of two pendulum layers.

It has a load capacity of 70 kg (static load). Given the two-stage pendulum design, if the target frequency is set at 300 Hz, the theoretical vibration isolation ratio is calculated to

"TYPE II" is the second-generation Standard Series model from WELLFLOAT. It features a refined design created by world-renowned car designer Shiro Nakamura.



Features a multi-stage (two-layer) pendulum structure mounted beneath an MDF board with a black finish. It incorporates four dual-layer Wellfloat mechanisms. Rigid stainless steel is used for the materials, and all three sizes offer a load capacity of 70 kg (static load)

WELLFLOAT "TYPE II Series" Lineup

TYPE 2130 II ●Dimensions:297W×210D×45H mm (A4 size) ●Weight:3kg

TYPE 3545 II ●Dimensions:450W×350D×45H mm (Regular size) ●Weight:8kg

TYPE 4548 II ●Dimensions:297W×210D×45H mm (A4 size) ●Weight:3kg

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When using the significantly evolved regular board, it sounds as if all the music is playing of its own accord.

be 1 in 2^8—or one part in 100 million.

Three sizes are available, allowing for a wide range of applications—from A4-sized units to standard CD players, analog turntables, and large amplifiers.

Fundamentally different from the previous model Evoking a sense of warmth within the silence

I happened to have the previous model, the 4548SF, on hand, so I decided to listen to the new unit while comparing the two. I placed my SACD player on it for the test.

The old model produced a familiar sound that clearly revealed the quietness of the surroundings; ambient noise would simply vanish, allowing the sound of each individual instrument to stand out sharply. It effectively drew out the true sound of the source material and the audio equipment.

However, when I swapped it for the TYPE II—which is the same size—the experience changed fundamentally. While it was certainly quiet, the nature of that silence was different.

I recalled the "Wellfloat Double," which offered a sense of silence that felt taut and piercing—sharp enough to cut you if you touched it. The TYPE II is different; it achieves a similar level of silence, yet it feels more composed—a quietness that possesses a certain warmth.

The sound produced carries a certain mellowness, pleasantly conveying the substantial core of the piano and the richness of its resonance. Rather than a silence where the acoustic space seems to vanish, one experiences a tangible sense of being enveloped by that space. Intrigued by how this device—despite being a "double pendulum" mechanism—reveals different facets of the sound, I decided to place the 3545 II and 2130 II under my Atoll power amplifier and Bluesound streamer, respectively.

Listening again, the natural, unforced quality of the sound stands out even more strongly. The primary impression is not so much that noise has vanished, but rather that distortion has been eliminated. While the result is ultimately the same, the *character* of the sound is different; instead of a razor-sharp edge, the sound is soft and enveloping. It presents itself so naturally that one might not even consciously notice the newfound quietness while listening.

Baroque music serves as a prime example; the distinct sounds of period instruments—each possessing a clear, lustrous sheen and a vibrant, fresh resonance—occupy their own specific spaces. The sensation that the sound is emanating directly from those points feels incredibly real. Moreover, this soundscape blends seamlessly into the surroundings, as if it had been there all along—a truly living realism.

As previously mentioned, the piano performance is exceptional, but the choral sound is equally striking, boasting a transparency that makes it feel as though the voices have become one with the space itself.

With the orchestra, all traces of impurity or muddiness vanish, revealing a sound and tonal palette of absolute freshness. While the powerful dynamism goes without saying, the delivery is entirely natural; everything seems to resonate effortlessly, as if of its own accord.

I am greatly looking forward to seeing how this significantly evolved "Regular Board" will perform in the future.

Featuring a two-layer multi-stage pendulum structure, these products include the "WELLFLOAT Double4548" audio board and the "WELLFLOAT Delta Extreme II" insulator—high-end models released ahead of the rest of the lineup.

Placing the compact "TYPE 2130 II" on the BLUESOUND "NODE ICON" network player.

Installing the large-sized "TYPE 4548 II" under the Accuphase "DP-770" SACD player.

Access from QR code the Wellfloat homepage