

WELLFLOAT WELLFLOAT RACK SYSTEM

Category : HiFi Rack

Expected to be released shortly. Price undefined. The photos are of the prototype.

●Manufacturer: G Clef Acoustic, Ltd.

※Note: It is recommended to place a WELLFLOAT board on each shelf for the best performance. Each shelf has the Full-Con mech installed inside. As shown in the photo, model "4449L" (490W×440D×55H mm) can be placed on each shelf.

It feels like all the devices are sitting in the air. All the WELLFLOAT technologies are consolidated. Ultimate HiFi rack was born here.

There's no point in "just floating" - The WELLFLOAT HiFi board is always searching for the ideal floating condition. Recently, they introduced the "Full-Con mech", which was developed for a "Full Concert Grand Piano" for professional musicians. The "Full-Con mech" has a more robust build and better sound quality. This seems to be their goal for the HiFi rack. The sample of the rack that came to us is still a prototype. However, the actual performance was just breathtaking. Mr. Chitake Inoue, who is usually a very calm and quiet guy, is even very excited this time and stated that "It feels like the devices are in the air". Let's get started.



A truly outstanding isolation system. The effect is great. "An unforgettable experience"

◦ Main Feature of WELLFLOAT

Floating and Hanging Truly Innovative HiFi board

The manufacture of WELLFLOAT – G Clef Acoustic was established in 1978 and they started their business in the distribution of professional recording equipment. At the time, there was no proper professional recording studios in Osaka. G Clef became famous by developing professional multi-channel recording equipment. Since then, they've successfully achieved many things in the broadcasting industry throughout both the analogue and digital era. Their head quarters are in Ikeda-shi, Osaka. Based on this background, they've been deeply considering the fundamental mechanism of sound itself and eventually they developed this unique isolation system called "WELLFLOAT". The core technology was submitted for patent in 2008 and patented in 2012. The first product was released in 2009. As you may be aware, the core mechanism of WELLFLOAT is unique. It's a board, but also hanging inside.

Why hanging? The reason is based on the following theory. The vibrations generated by whichever sources – devices or instruments, travels to the floors and return to the sources, which causes side effects and impacts on the sound quality. This also causes a loss of energy of the original musical sound. In other words, sitting a product on the floor causes distortion. If the sources are not touching the floor, there should be no distortion. So the only way to achieve this is to "Float". Positioning the devices, but also hanging them in the air. Those two requirements were met by the hanging mechanism of WELLFLOAT. The key is a U-shaped spring, which is mounted on the base or standing upright. A wire comes out from the lower side, and the inside of the upper board bent in a U-shape is suspended. It would be simple to understand if the U-shaped spring was outside, but it is inside. This type is currently called as the "Classic" (or "Regular") series.

Advent of Full-Con mech brings further improvements

G-Clef has long-term experience on concert halls and professional recordings. They focused on the vibration generated by piano, cello and contrabass. It was becoming clearer that vibration travelling to the floor makes a bad impact on the sound quality causing it to sound poor. The improved version of the WELLFLOAT mechanism called "Full-Con mech" was developed to resolve that issue. Although the older mechanism was using the "U-shaped" spring, the newer "Full-Con mech" has an "L-shaped" mechanism. It's known as "Cantilever" and the wire is hanging from it. The maximum load of each mech is 90kg. PIANO-WELLFLOAT has 3 mechs inside, which gives 250kg maximum load. Combining the 3 boards gives 750kg in total to support the grand piano. The same mechanism is used in the creation another model for Cello and Contrabass. Both models give significant improvement in the sound quality. For example, with PIANO-WELLFLOAT, the audience was surprised that the sound of the piano can be clearly heard even from a complex piano concertos at a professional concert.

It was released in 2015. This Full-con mech produces some more variations such as L series (special coating) and Slim models. The official maximum load for them is 150kg and the sound quality was again significantly improved.

◦ The birth of "WELLFLOAT Rack"

Full-Con mech is on the inside of the pillar. Shelves only move in horizontal direction

That's a long story and after all the background, we'd like to introduce the prototype of our new "WELLFLOAT Rack" which has been developed. It's a lot larger scaled structure than we expected and we'd like to use the word – Spectacular. Let's look at the pillars in the 4 corners. Each pillar consists of 3 pipes. On the top of each step, triangle shaped part, is the Full-Con mech.

Therefore, each part has 3 mechanisms inside and therefore the 4 corners have 12 mechanisms in total. Each shelf has the load capacity equivalent to 4 of the PIANO-WELLFLOAT. The aluminum board on the top of the mechanism moves in the horizontal direction only. You can put any additional boards on it. There's also another aluminum board underneath of that. This is a frame to stabilize the pillars of the 4 corners and is not touching the devices.

Power is generated by itself. This is a real energy

The construction is the same for each shelf. Again, spectacular. Let's check the performance of the rack with a WELLFLOAT board on them, which is recommended by the manufacturer. The first impression of the sound is profound and soft. Piano has the necessary power, but is also courteous not rough.

Deep dynamic range gives a bigger expression range. Singer's voice is warm and fresher with more echo than usual. Dirty echo was reduced and the air itself gained shine. The atmosphere is very attractive. Orchestra has a rich dynamism and the indefinite power comes from underground. The bass is very stable and the high frequency is stress-free. There is a real energy! This profound and powerful sound is generated by no loss of energy throughout from the source to the speakers. I cannot feel any distortion. Power comes without any stress. Sound is very clear without darkness. Real energy feels warm and soft. WELLFLOAT is definitely the significant achievement of an isolation system. By putting all the technology together, this playback performance has been achieved. It's almost like placing the devices in the air. The result is overwhelming and unforgettable.



Aluminum board on top of the Full-Con mech of the 4 corners. This board moves in horizontal directions. Another aluminum board underneath of that is the frame to stabilize the pillars of the 4 corners and is combined with the upper board by a spike mechanism.

The pillar part – The most important structure of "WELLFLOAT RACK SYSTEM" Each corner has 3 pipes and the triangle part on the top of that is the Full-con mech. Each corner has 3 mechanisms, which makes 12 mechs in 4 corners. This is gorgeous construction using the 4 PIANO-WELLFLOAT on each shelf.



This is a very popular WELLFLOAT Slim model "TYPE4548SF". (480W×450D×30Hmm) The maximum load is up to 300 kg with Full-Con mech



Overall image of "WELLFLOAT RACK SYSTEM" without the HiFi boards on the shelves.