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Solid Tech Rack of Silence Reference

Author: Daniel Březina Category: Accessories and accessories December 31, 2022

50 - 100,000 CZK | Accessories and accessories | Hi-Fi Voice recommends | Seagull | Solid Tech

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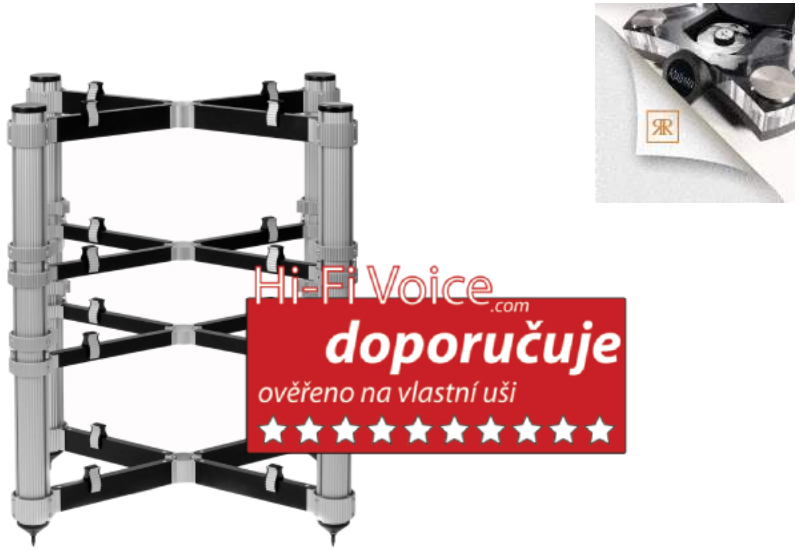

The Solid Tech brand from Malmö is one of the slightly inconspicuous and not loudly adored hi-fi furniture manufacturers. Marcus Friman founded the company in 1995 as a trained physicist who describes himself as an audiophile. Since then, it aims to offer solutions for the most effective suppression of vibrations while maintaining the most friendly prices - perhaps the down-to-earth pricing policy is one of the reasons why the name Solid Tech does not shine among all those complex and elaborate racks for extraordinary amounts.

The company offers a very wide range of furniture and accessories, including various legs and pucks. The design approach, based on the practical application of available technologies, is essential - you won't find any exotic materials, super complicated solutions or things that can go wrong over time, such as different air suspensions and the like.

The most expensive and most sophisticated model in the catalog is the Rack of Silence , or rather the Rack of Silence product family, because not only can this rack be available in Standard or Reference, but you can customize each one not only by standard steps such as choosing the number of floors, but you also have the option buy various accessories – another layer of flexible insulation, all possible boards (otherwise you will only get a wooden cross), various types of legs for components or perhaps different pads for the tips of the stand as such.

The basic structure consists of four legs (30, 60 or 90 cm high). They are round posts with vertical ribbing that serve as a groove for height adjustment of floors. Each leg is finished with a massive spike and its top cap can be easily flipped to fill the rack with silica sand or shot or simply anything you can think of. The four pillars are connected by a wooden cross, the core of which (i.e. instead of the middle connection of the four arms) is again formed by a metal ring.

The top-end version of the Reference comes with double suspension of these cross floors – one ring wraps around the leg and a second ring is suspended over it via springs, but it does not touch anything. This means that each floor is practically floating, but the stiff and relatively short springs also hold it relatively firmly in place.

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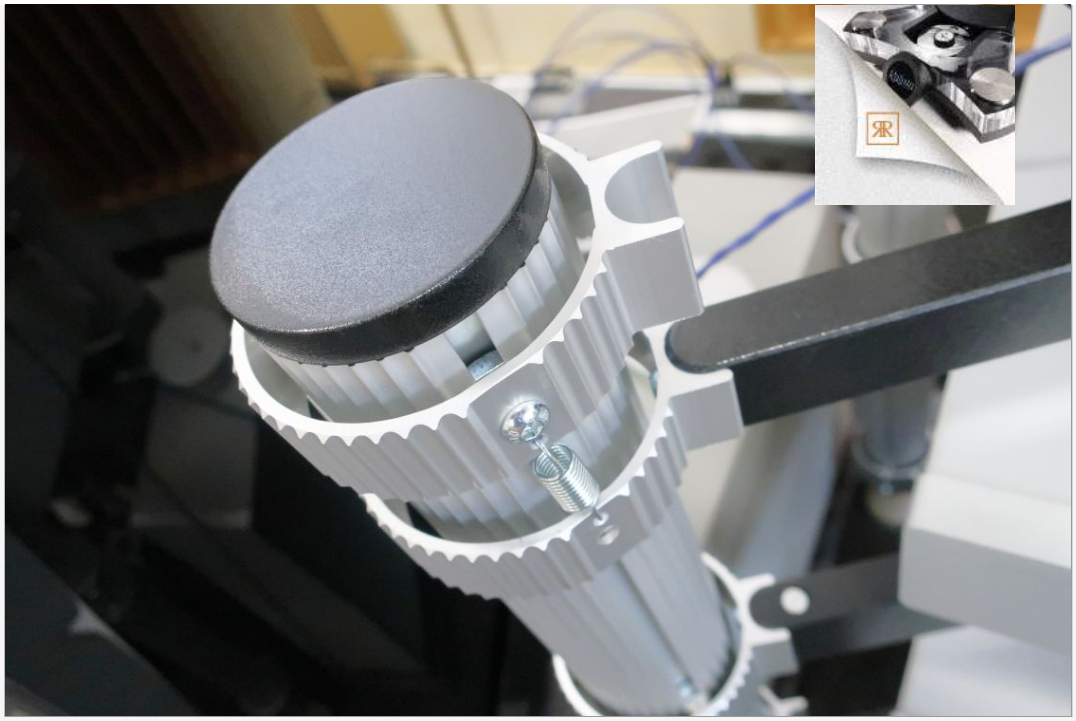
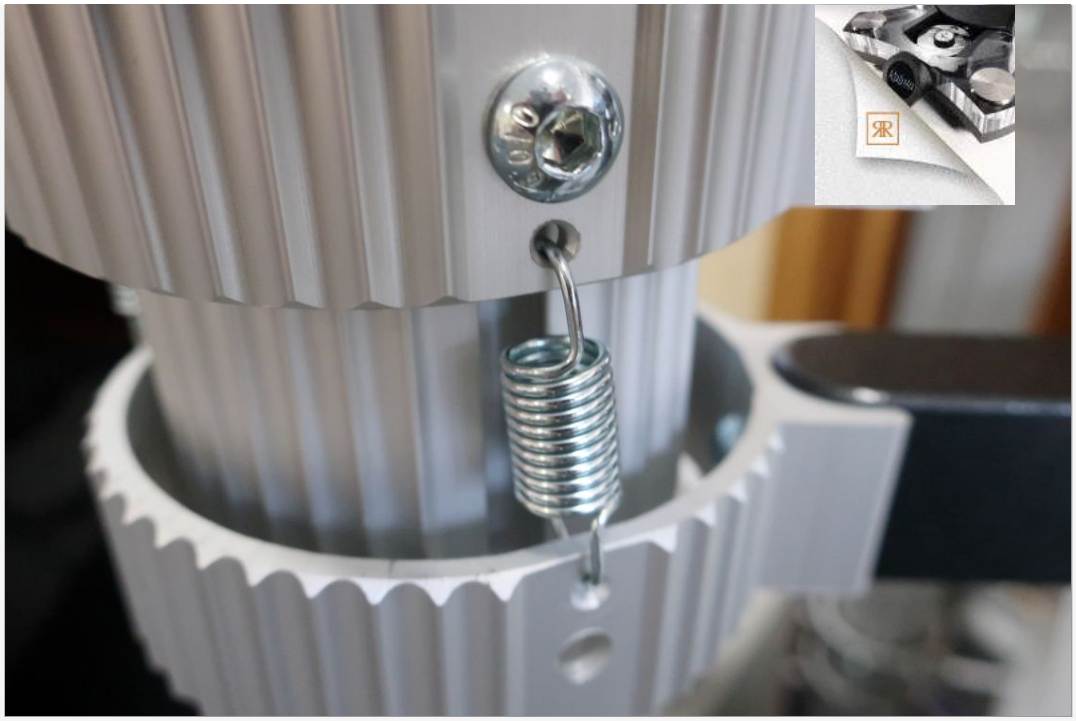


Silence Apparatus rubber silent blocks are mounted on each horizontal wooden leg. In practice, it is a Y-shaped aluminum body, at the point of contact with the wood at the bottom you will find a rubber surface and the same is also at the top, where the Silence Apparatus is in contact either directly with the component or with one of the available plates or with one of the company's isolators (Feet of Silence , IsoBlack, Discs of Silence,...), which are designed for easy snapping onto the additional, similar element Isolator Supports.

From what has been described, it is certainly evident that although Rack of Silence is not actually complicated in its solution, it offers enough variants to make you sweat for a while when choosing and combining them appropriately for your system.



We came to the seagull already as a folded one, however, we were told that folding is acceptable in one person, but ideal in two, especially in the first steps. In any case, you will receive the rack partially assembled in the box, it is not an Ikea. But once everything is together, it seems to tap and touch that the rack holds firmly and without problems. It is interesting that each rack is handmade in a workshop in Sweden from exclusively European materials, it is not a large-scale industrial solution from the Far East.

As already said, the construction does not use any space materials or ultra-complicated finesse - it is a combination of sufficiently strong aluminum profiles, decently processed wood and, above all, industrial-quality springs that do not stretch even under load. It is also interesting that with different company feet, you can regulate how much weight they are supposed to bear by the number of pens.

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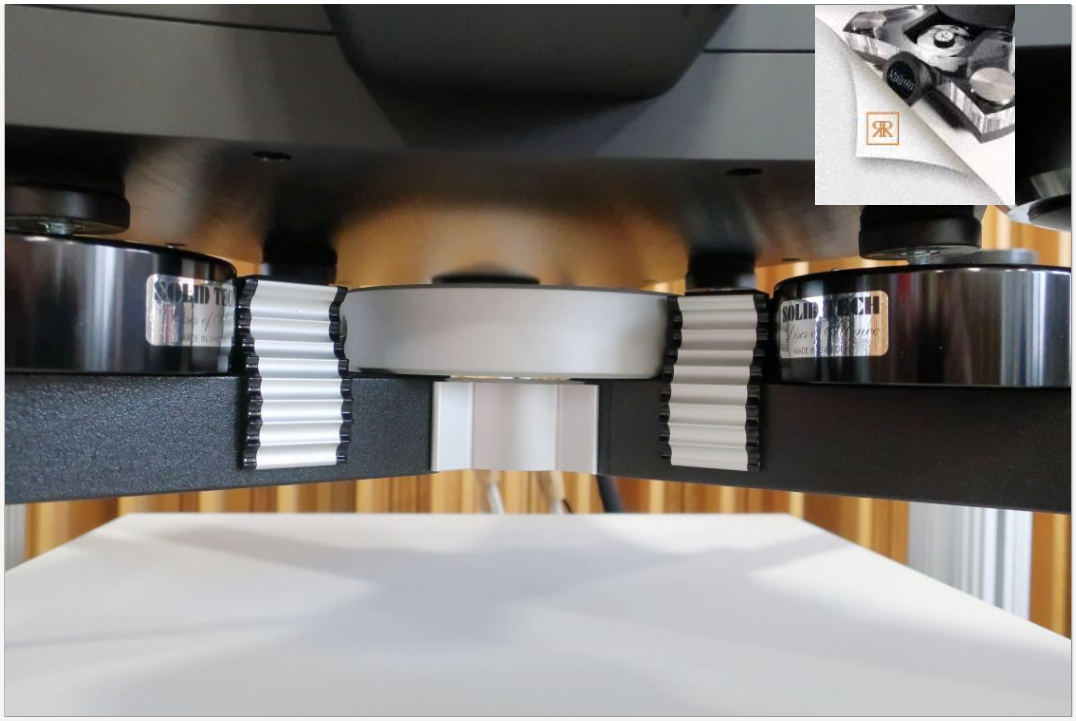


We tested the Solid Tech Rack of Silence directly at the importer's showroom in a simple way – we listened to the Kalista DreamPlay XC source component on the rack, on the floor on a standard wooden shelf, and then on the Solid Tech component feet. The rest of the set consisted of a Vitus SIA-030 , a Rockport Avior II and probably every conceivable power supply and anti-vibration accessory from Nordost / QRT that you can imagine - Sort Kones, power strips, Q Point, linear sources,... Streaming was provided by switches and cables from SOtM.

This text will describe the two extremes - that is, the sound of the setup with the source component on the floor and on the Rack of Silence . So 2/3 of the quality was managed to "catch up" when we placed the DreamPlay XC on the ground with Discs of Silence legs, which share the basic technology with the rack, namely the spring mounting of the support surface.

CURRENT EDITORIAL SETS

[1] MAIN SET
[2] NEARFIELD SET
[3] MEDIUM SET
[4] VINYL SET
[5] MOBILE SET

AMPLIFIERS:

Norma Revo SC-2 [1] + [4]
Norma Revo PA 160 MR [1] + [4]
Musical Fidelity M8xi [2]
Grandinote Shinai
Moon 250i v2
Cambridge CXA81 [3]

SIGNAL SOURCES:

Métronome DSC [1]
EverSolo DMP-A6 [3]
OPPO UDP-205 [1]
Roon [1] + [2]
EverSolo DAC-Z8 [2]
Apogee Groove [5]
Cambridge CXC [3]
Zidoo Z9X Pro [1]
Zidoo Z9X [2]
SONY BDP-S1200

REPRODUCTION SYSTEMS:

KEF Blade One Meta [1]
Fyne Audio F1-5 [2]
Fischer&Fischer SN-70 [3]
Magnat Monitor Supreme 102
s314 Omicron

ANALOGUE:

VPI Scout [4]
+ Jelco SA-250
+ Hana ML
+ VPI ADS
+ HEXMAT Eclipse
+ HEXMAT Molekula
+ IsoAcoustics Gaia III

The effect of the stand was very easily recognizable in the first ten seconds of the first song played. For example, Esperanza Spalding's bass in "Little Fly" (" Chamber Music Society " | 2010 | Heads Up | 31810-20) was very authoritative with the seagull, firm and truly sovereignly phrased - you perceive only the music and a beautifully defined instrument, unlimited in depth, legibility, I just don't do anything. This is true audiophile nirvana. However, as soon as we removed the player, the music seemed to drop, perhaps more significantly than when you replace an ordinary power cable with a high-end one. The difference was more pronounced than presetting a good power filter and suddenly it was as if the differences between individual strums were barely half, much harder to read. The rate of degradation was truly surprising.

Barbra Streisand's vocals on "All The Children" (" Guilty Pleasures " | 2005 | Columbia | 8287672662 2) sounded beautifully authentic in the full line-up, full of life and energy, sometimes sharp in its liveliness, and recorded with a referential concreteness unheard of for pure pop recording. Once Kalista was on the floor, that mesmerizing focus disappeared and the voice seemed to fray. Not that it wasn't still an expensive high-end sound, but the difference between the two positions was uncomfortably pronounced, in such a direct comparison you simply don't want to listen to the "unsuspended" sound, because it has lost a fairly distinct part of its sparkle and clarity.

Grandinote Celio [4]
Rega Atlas MK2
AVID Level 45
HANA EH
DS Audio ST-50

CABLES:

SPEAKERS
Nordost Valhalla 2 (bi-wire jumper) [1]
Nordost Heimdall 2 [1]
Dynamique Audio Horizon 2 [3]
InAkustik LS-1603 [2]
ZenSati Authentica

SIGNALS XLR
KrautWire Super Symmetric Gold [1]
Nordost Heimdall 2 [1]
Dynamique Audio Horizon 2 [3]
Nordost Red Dawn
ZenSati Authentica [2]
Cable4 Superblack [3]
TelluriumQ Black
Vincent Premium

SIGNALS RCA
Nordost Heimdall 2 [1]+[4]
Nordost Red Dawn
TelluriumQ Black
KrautWire Guru S
EagleCable Condor Blue
AudioQuest BigSur
AudioQuest Mackenzie
Cardas Clear (headphones)
Dynamique Audio Halo 2 (headphones) [5]

DIGITAL
SOtM dCBL-CAT7u [1]
SOtM dCBL-CAT7 [1]
SOtM iSO-CAT6 [1]
Nordost Heimdall 2 (HDMI) [1]
Nordost Heimdall 2 (ethernet) [1]

On the highs in Fleetwood Mac's "Albatross" (" The Pious Bird of Good Omen " | 2004 | recorded 1968 | BHOR | 0184719000367) you can feel the system's beautifully precise sound, the cymbals were excellently structured and the way each clink carried precisely bounded by space, there was something fascinating. It's the kind of absolutely top-notch sound where you can enjoy a myriad of reverberations and nuances even at a perfectly normal medium volume. After moving the player to the floor, part of the information seemed to dissolve in a less concrete reproduction, but mainly we felt that the whole sound felt more vulgar, harder, and it was definitely not that easy to immerse yourself in the music .

Vivaldi's "Concerto No. 2 in C, RV 188-1" performed by I Solisti Italiani (" 12 Concerti Op. 7 " | 1993 | Denon | CO-75498) was nimble, lively and rich, presented with the superior control of a large high-end string, matched during flight to perfect results. The dynamics have great reserves and you can enjoy the dynamic nuances of individual instruments and the entire orchestra at will, because it is simply divine. Once we moved the Kalista to a less dignified floor position, the dynamics were still very good, but it was as if the sound deflated a bit and lost much of its punch. It's as if the orchestra is less focused and in direct comparison almost as if something is wrong - such stark dynamic differences are there.

AudioQuest Carbon 48 [1]
Wireworld Platinum Starlight (USB) [2]
Dynamique Audio Horizon 2 (coax) [3]
Dynamique Audio Horizon 2 (USB)
Nordost Blue Heaven (coax)
Nordost Purple Flare (USB) [5]
2x AudioQuest Jitterbug FMJ [2]
AudioQuest Jitterbug [2]
Cardas HighSpeed SB (USB)
KrautWire Guru Digital (coax)
Black Rhodium Sonata (coax)
Monster Cable M1000 (HDMI) [2]
Monster Cable M1000 (optical) [1]

NAPÁJECÍ
Siltech Ruby Mountain II powerCON [1]
Nordost Valhalla 2 [1]
VYDA Laboratories Orion [1]
Nordost Heimdall 2 [1]
Dynamique Audio Horizon 2 [3]
IsoTek EVO3 Sequel
IsoTek EVO3 Premier [2]
IsoTek EVO3 Optimum [2]
IsoTek EVO3 Initium
ZenSati Authentica

+ řada standardních low-cost kabelů

NAPÁJENÍ:

samostatný přívod a fáze 1x25A [1]
GigaWatt G-C20A 2P (jistič)
GigaWatt LC-Y EVO (kabel)
GigaWatt G-044 (zásuvky)

GMG Power Harmonic Hammer 3000P [1]
SOtM sPS-500 [1]

Vrstevnatá a nápaditá „Medley" Davida Sanborna („Another Hand" | 1991 | Elektra | 7559-61088-2) prověří velmi dobře rozlišení každého systému a jeho schopnost udržet „pozornost" zároveň na všech nástrojových linkách i na drobných nuancích. Tato sestava to umí báječně, není pochyb – je to opravdu drahý zvuk, špičkově čistý, konkrétní a ve své přirozenosti limitovaný (ale nijak moc) kvalitou nahrávky. Každý nástroj, každý tón, každý záchvěv tu jsou skvostně ohraničené a naprosto netechnicky fluidní, všechno se to skládá tak „lidsky", že se v hudbě doslova rozpouštíte a ztrácíte pojem o čase. Stačí ale sundat přehrávač na podlahu a najednou se obraz lehce rozpraská, detaily nejsou tak přirozeně čitelné, jako kdyby hudba byla více poházená na velké hromadě, místo precizního rozprostření. Samozřejmě, že to není špatný zvuk, ba naopak – ale je jakoby „špinavější".

Velmi zajímavý byl také rozdíl v prezentaci prostoru nahrávek. Třeba Dolphyho „Gazzelloni" z „Out to Lunch!" 1999 | nahráno 1964 | Blue Note | 7243 4 98793 2 4) má fantastický vzduch, je široká až za ozvučnice a hluboká, takže mezi nástroji je spousta a spousta místa, jsou tím pádem naprosto zřetelné a mají velmi věrohodné proporce. Sundání zdroje signálu z Rack of Silence znamenalo zřetelné zúžení scény v obou hlavních osách, ale hlavně se objevil pocit jakoby těžiště v prostředku stereofonního obrazu, jakási kotva, kdy najednou – přestože je hudba stále víc než dobře čitelná – nemáte ten pocit volnosti a lehkosti.

IsoTek V5 Titan [2]
IsoTek V5 Polaris
IsoTek EVO3 Corvus [1]
Nordost Qbase Qb8 [3]
Furman AC-210 A E

SLUCHÁTKA:

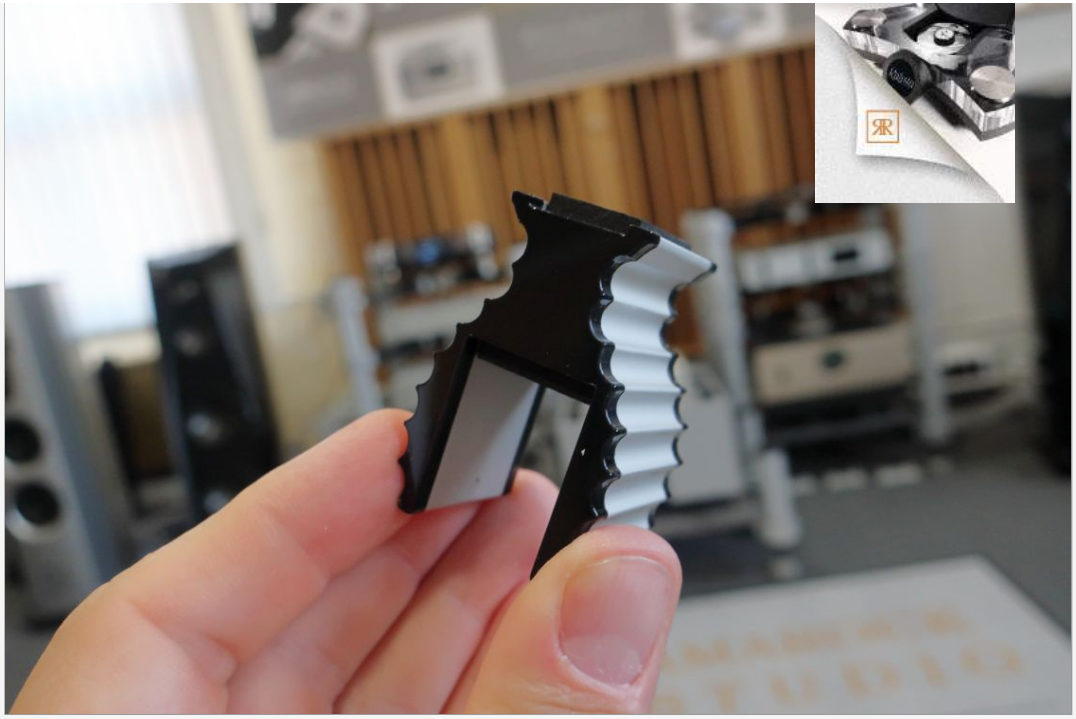
Focal Clear [2]+[5]
Denon PerL Pro [5]
Koss Porta Pro Wireless
Sennheiser IE 8 [5]
Koss Porta Pro CZ

OSTATNÍ:

SOtM sNH-10G & sCLK-EX [1]
SOtM iSO-CAT6 SE [1]
SOtM iSO-CAT7 [1]
Solid Tech Feet of Silence [1]
Solid Tech IsoBlack [1]
Nordost QKore 6 [1]
Nordost QKore 3 [2]
Nordost Sort Kones [1] + [2]
Nordost Sort Lift [1]
Nordost QPoint [1] + [2]
Nordost Ti Pulsar Points [2]
IsoAcoustics Orea Indigo [2]
IsoAcoustics Gaia I [1]
IsoAcoustics Gaia III [3]
IsoAcoustics Aperta [2]
AudioQuest Fog Lifters [2]
AudioQuest Noise-Stoppers [1] + [2]
stojany Kudos S50
akustické prvky Sonitus Acoustic [1] + [2] + [3]
akustické prvky ASI Sugar Cubes [2]
SONOS One SL
65" UHD Philips 65OLED806 [1]
VPI HW16.5

MĚŘENÍ:

Clio Pocket 2.11
Room EQ Wizard
miniDPS UMIK-1



I taková lehce říznější nahrávka, jako je „Man of Our Times" od Genesis („Duke" | 2007 | Atlantic | 0603497996438), zní na daném systému v pohodě, krásně rozkvétá a i když dává najevo jistou hrubost některých momentů, tak se to poslouchá snadno a můžete si užít hudbu bez starostí – ostatně to v multimilionové sestavě tak nějak čekáte. Odstranění Kalisty z pružného racku změnila reprodukci směrem k jednoznačně hrubší (tj. více vylézaly ony nepříjemné momenty), méně zábavné či možná únavnější a hůře čitelné, slitější verzi. Ačkoliv i „podlahová" verze stále nese znaky špičkového zvuku a bez přímého porovnání s vlivem racku by popis sršel superlativy, tak stačí pár pružinek a situace je diametrálně jiná.

Solid Tech's Rack of Silence may not look fancy, but it's a practical solution that does exactly what you want it to do – and at a fraction of the price compared to other high-end racks. You might get the feeling that the fairly simple aluminum construction and unsophisticated spring suspension is a bit too ordinary for a high-end setup, but it would be a shame to throw away the contribution of the rack, which is quite possibly the biggest we've ever had the chance to encounter, with such a possible prejudice. For reasonable money, you can build a support that will allow your components to practically float and thus shine at their maximum potential. It may be hard to believe, but the Solid Tech Rack of Silence is a bombastic solution that you should definitely, definitely, go somewhere to listen to if you have components from the high-end world at home and want the best for them.

MEASUREMENT

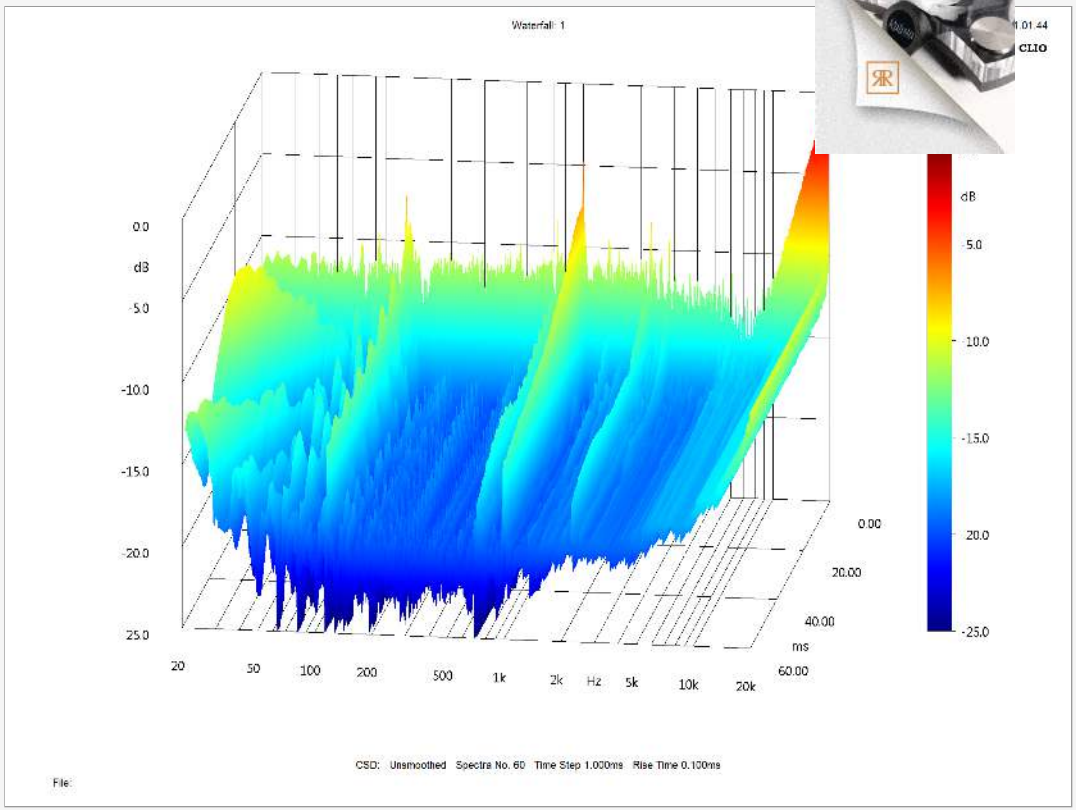
The measurement was carried out with an accelerometer glued to the Kalista DreamPlay XC mechanism, and the measurement signal was fed through the aforementioned listening chain at a

miniDSP H.E.A.R.S.
MCP CQ5620 (osciloskop)
CD generátor
Xavian Mondiale II

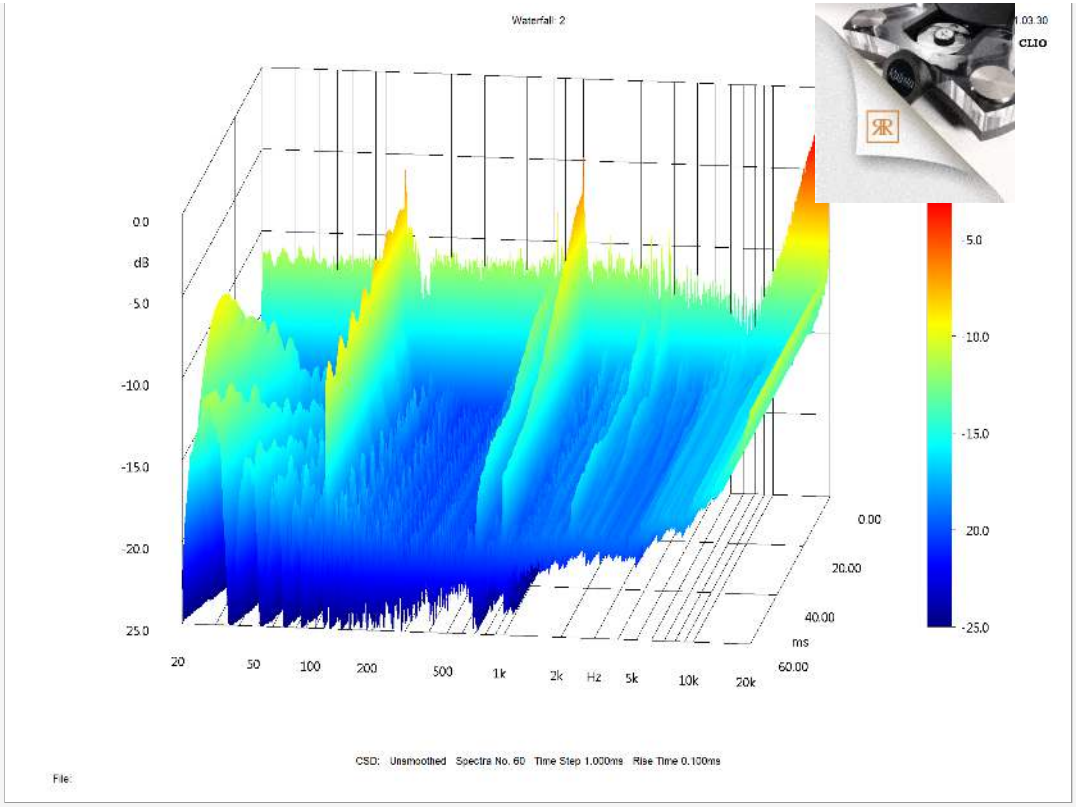
NÁBYTEK:

zakázkový stolek z 5 cm masivu [1]
Norstone Stäbbl [2]
NEO HIGH END Tripod [3]

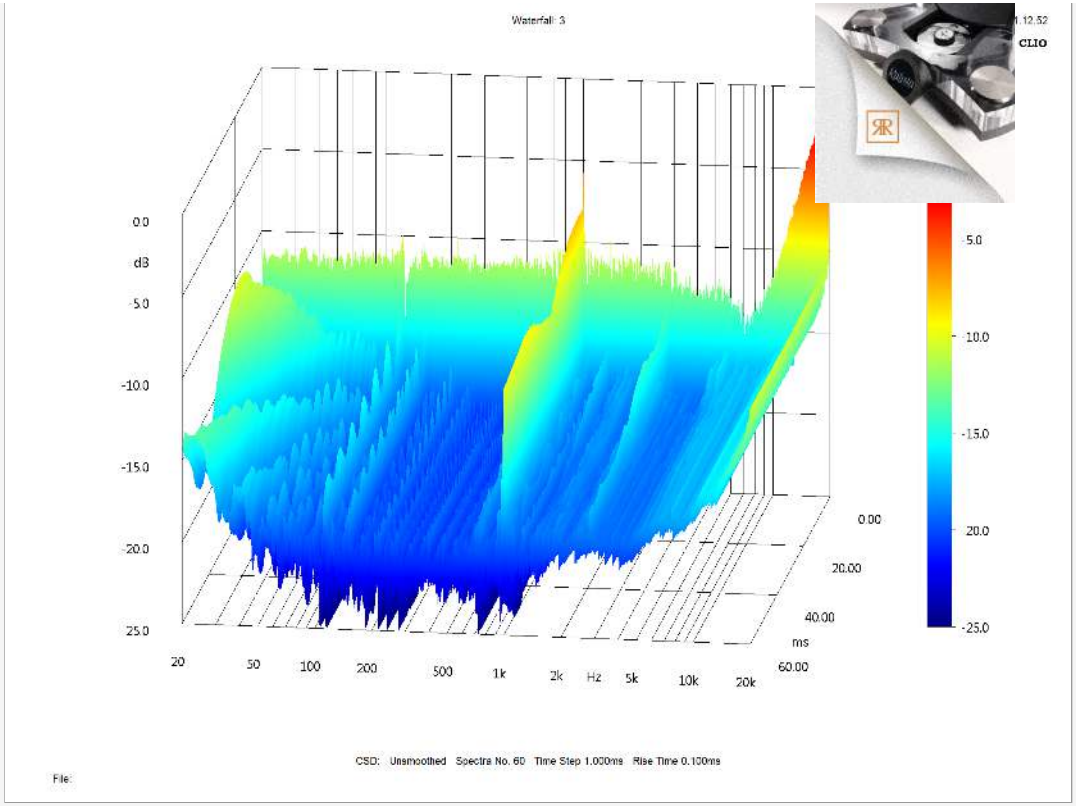
high volume of +/- 100 dB (measured from the listening position).



The device is placed simply on the floor (or on a wooden shelf from a regular rack).



Device placed on anti-vibration legs Solid Tech Discs of Silence.



The device placed on the top shelf of the Rack of Silence and supported by Solid Tech Discs of Silence legs. Basically, only the main resonant frequency remains, the rest is practically filtered out.

CZK 58,530 - 4-story model in Reference design including Appratus pads

CZK 6,124 - 4 pieces of Isolator Supports (replacement for Apparatus - larger contact area for company isolators)

PHOTO GALLERY

View the embedded image gallery online at:
https://www.hifi-voice.com/testy-a-recenze/prislusenstvi-a-doplnky/4151-solid-tech-rack-of-silence-reference#sigProId42e57eced4

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PROS

+ definitely the price

+ audible and measurable efficiency

+ gradual upgrade options

+ a wide range of accessories for each type of component

+ one of the most efficient (and the cheapest!) rack we've had the chance

CONS

- the appearance is completely practical

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Daniel Březina, šéfredaktor REDAKCE → Peter

před 9 měsíci

Dobrý den,

zajisté to fungovat bude, ale z fyzikálního principu méně účinně, než jednotlivé komponenty na jednotlivých patrech. Je otázka, zda v takovém případě vůbec investovat do takového racku a zda není lepší koupit třeba jen podložky nebo nožičky.

Násobení různých absorpčních a pružných ploch často může způsobit spíše opačný efekt - proto je dobré zůstat u řešení, která jsou propočítaná a používat je tak, jak radí manuál. Ono to není pro parádu.

Jinak obecně - hřející komponent jako zesilovač by měl být nahoře, neměl by topit do streameru. Je to věc dlouhodobé ochrany součástek, nic urgentního.

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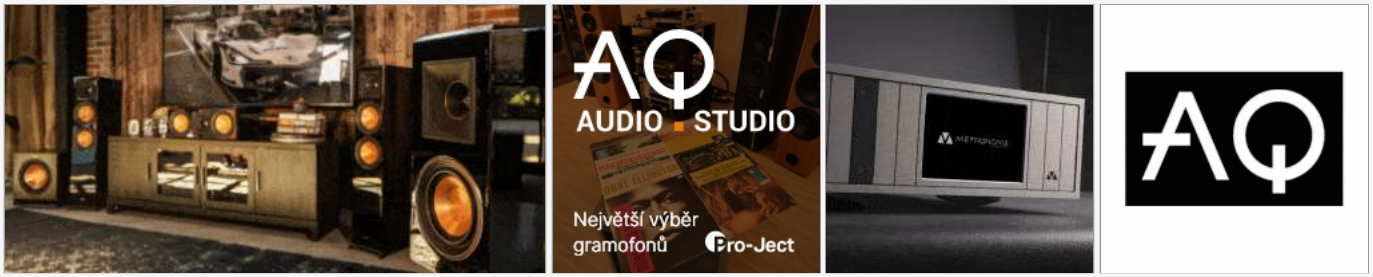

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Wharfedale Diamond 11.5
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A cute but fierce little monster
A paired pair of samurai swords
Vintage on your own skin #2
Not only listening but also watching
Big for little

Denon DNP-2000NE

Remove the
music
Is the world

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