



PRS | **PROFESSIONAL RACK SYSTEM**
SUPPORTING AUDIO EXCELLENCE


bluehorizon
professional rack system

Supporting innovation

The Blue Horizon Professional Rack System, PRS, has been carefully developed to enhance the performance of all audio electronics through the use of appropriate materials and construction techniques. We wish to extend our thanks to the following audio brands; for their support, and for the use of their products, some of which are displayed throughout this brochure.

Improved performance whatever your system...



audio research

marantz®



The sound
and vision
of Scandinavia





Free your music...

Everything is susceptible to resonance and micro vibrations. Period. For the audiophile, this is a serious challenge, since resonance problems affect the performance of virtually every hi-fi or AV component. These vibrations move through the floor, the furniture and the air to excite the chassis of audio equipment. Some equipment itself generates vibration through its function, and thus these micro frequencies also need to be managed.

Our unique modular rack system uses an uncompromising selection of materials chosen specifically to deal with resonance issues to allow your audio equipment the best platform for performance.

"People haven't always been there for me but music always has."

Taylor Swift

...build something
UNIQUE

Flexible. Customisable.

Create the rack you desire and make it part of your home. It's easy and flexible - move the sound of your system closer to the live performance as well as creating a unique piece of furniture to integrate into your interior.

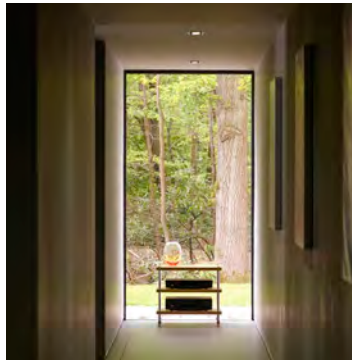
Now you can proudly arrange your audio system on a rack designed by you, to enable it to function at its best. Any number of shelves can be selected with flexible height spacing configured to accommodate all combinations of audio electronics. A rack system that you can combine, use and change in any way you wish.





INFINITE

possibilities



Fusing carefully chosen materials, innovative engineering and a uniquely flexible design approach, the Blue Horizon PRS controls resonance equally across the audio bandwidth, without tonally altering the sound of placed electronics. Enjoy more from the recordings you love, with a system that offers an adaptable, configurable range of infinite possibilities.

Tailored to your system.

Shelving can be configured to allow for display spaces as well as audio equipment, or built to work around larger items.





Superior build, because of design

- 1 Unique triple layer bamboo laminate with both vertical and horizontal grain direction to break up shelf standing waves.
- 2 Easy adjustable spike levelling system with lock nut, no specialist tools required.
- 3 Solid machined stainless steel parts and fixings, drains energy without resonating. Three shelf separating rod lengths available.
- 4 Beautiful high gloss piano white finish, ideal for modern interiors.
- 5 Sophisticated high gloss piano black finish, discrete yet elegant addition to any home environment.
- 6 Shelf spike isolation system further enhances rack performance, can be added as wished between shelf layers/tiers.
- 7 Sanctum isolation platforms fit neatly under all audio components, protect the rack finish as well as improving component performance.
- 8 Elegant cable management system keeps loose wires under control and allows signal and power cables to be kept separated.

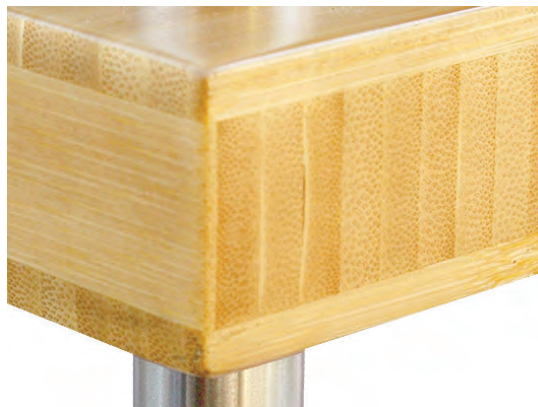
The difference is in the DETAILS

The Blue Horizon PRS has been crafted with the finest materials and specifications. Your audio equipment is supported by a unique platform, manufactured from a bespoke triple layer bamboo laminate with outer grain running in horizontally and the central lamination running vertically. This construction dramatically reduces standing waves and controls resonance within the shelf.

Each shelf is supported by solid machined stainless steel rods, protection discs and adjustable spikes. Add as many tiers as your system requires.

Go with the grain.

Unique bespoke triple layer laminated bamboo shelf creates mixed directions to break up standing waves, while solid machined stainless steel rods act as hot spots for draining resonance without adding a sonic signature.



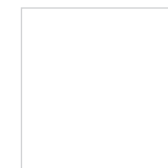
Integral cable management.

Keep signal carrying cables and power cables separated with this simple yet elegant solution.

Available in three finishes



Natural Bamboo



Piano white



Piano black

SANCTUM

Isolation platform

If you already own a rack or want to improve audio performance further, add Sanctum isolation platforms under your electronics: it is simple and effective.

The finishing touch.

The Sanctum platform's construction brings together a selection of carefully chosen materials from opposite ends of the elasticity spectrum, combining them in such a way as to dramatically reduce resonance evenly across the audio band.

To protect furniture surfaces the Sanctum comes with four 5mm spike feet, which also provide further resonance control by introducing a solid brass base beneath each spike.



Built like no other

Sanctum is made from high density fiberboard (HDF), favoured for its mechanical stability. Unlike woods with a fixed grain, HDF does not expand or contract with climatic changes.

Four recesses feature a complex isolation foot made from a dense chaotic compound of cork, rubber and leather, followed by a 'viscous-elastic' polymer which under 5kg weight loading takes on the characteristics of water and finally a solid machined aluminum cone. Through careful material usage resonance frequencies are managed across a wide frequency range.

The four complex isolation feet are combined from key elements:

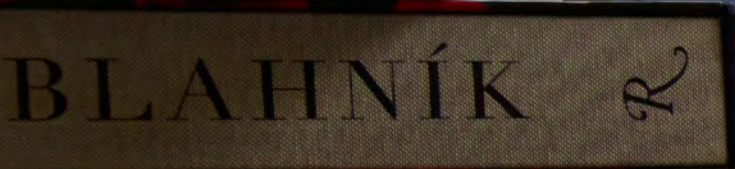


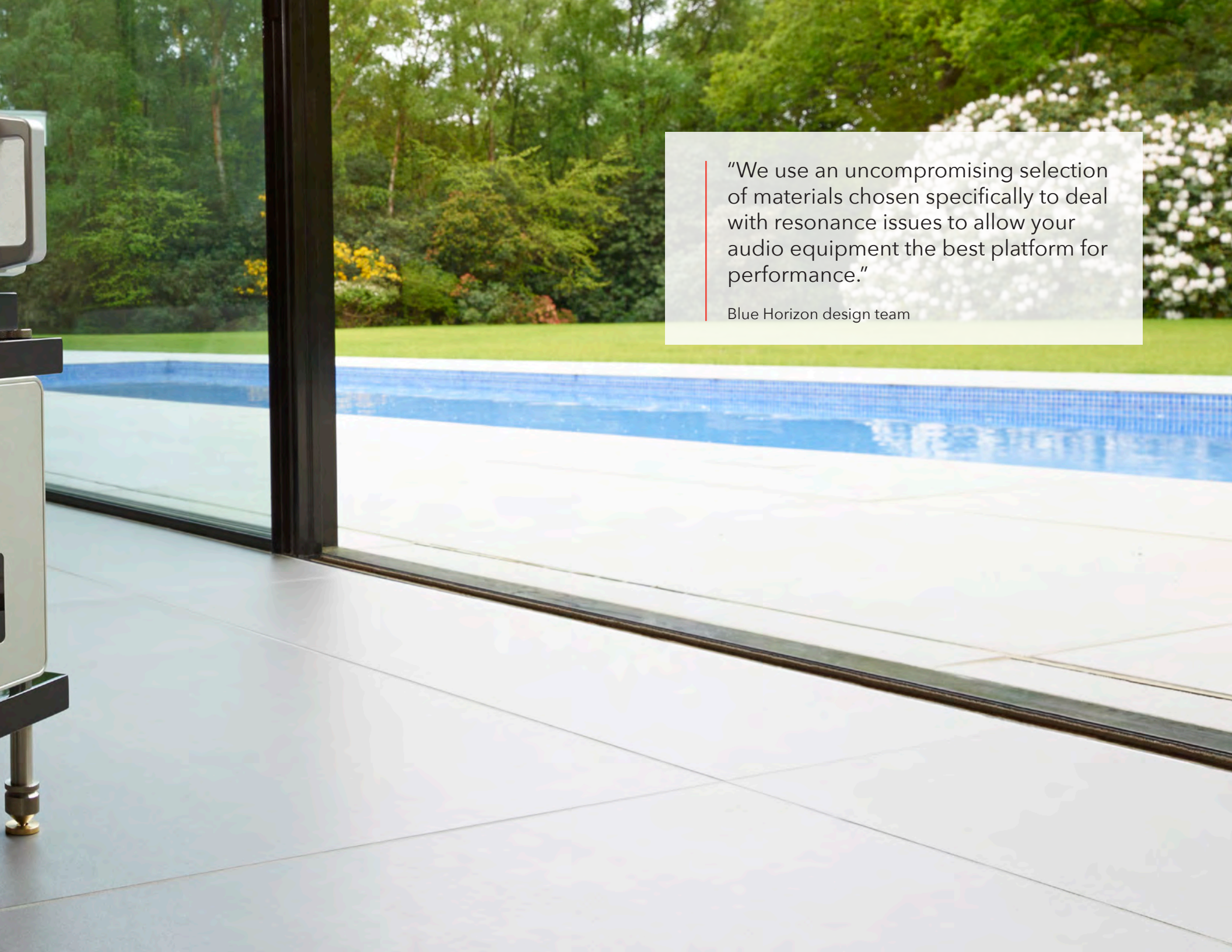
A dense compound of cork, rubber and leather, whose 'chaotic' construction combines materials of varying density and elasticity, and is ideal for controlling resonant frequencies.

A 'viscous-elastic' polymer (meaning that it exhibits properties of both liquids and solids) combines shock absorption and good memory with very high vibration isolation and damping characteristics.

A precision-machined spiked aluminium cone.

Each isolation foot's complete assembly is held in place by an outer ring which prevents the individual parts from dropping out when the platform is being lifted into position, but which decouples once the Sanctum is in place, leaving the platform freely floating on its four isolation feet.



The image shows a modern interior space with large glass windows. The floor is made of large, light-colored tiles. Outside the windows, there is a swimming pool with blue tiles, a green lawn, and a dense line of trees and bushes. A white flowering bush is visible on the right side. A text box is overlaid on the right side of the image.

"We use an uncompromising selection of materials chosen specifically to deal with resonance issues to allow your audio equipment the best platform for performance."

Blue Horizon design team

Follow your own
BEAT



Imagine your perfect system.

With interchangeable, adaptable elements allowing freedom and flexibility of construction. You can build up your rack system in stages, change or modify at any point in time, giving you control to achieve the optimal set-up today, tomorrow and into the future. Improve performance further with Sanctum isolation platforms and inter-shelf spikes.

A rack that can adjust as often as you need.

The Blue Horizon PRS delivers three levels of performance that can be configured as part of a system upgrade or applied in any way you would need.



GOOD

Bespoke triple layer mixed grain direction bamboo shelves break up standing waves, with solid machined stainless steel uprights which act as shock spots for draining resonance without adding sonic signatures.

BETTER

Performance can be further upgraded by adding Sanctum, a special isolating platform. If you already own a rack, you can simply add the Sanctum isolation shelves under individual audio electronics to dramatically increase their performance. Sanctum shelves help your system deal with microphony and resonance frequencies within equipment.

BEST

Introduce spiked isolation between each tier for further isolation performance, ideal for critical source components, for example Turntables and CD players.



"...The music appears to flow more effortlessly
and I find that silences during momentary pauses
sound somehow more natural and realistic."

Hi-Fi Choice Magazine, Sanctum review





Life should be
SIMPLER

"Music is to the
soul what words
are to the mind."

Modest Mouse

Easy to fine-tune

Once your rack is assembled exactly as you desire, you can now easily level each shelf. No need to reach for the toolbox: just turn the unique rack spike foot to raise or lower the corners simply and easily and fix positions with the locking nut.



The great leveller.

Rotate each spike to adjust level, then lock down the position using the locking nut. This unique system makes one-handed level adjustment easy: no specialised tools or strength is required, one person can quickly achieve the perfect set-up.



ENJOY

designing to fit your own space

Built in a way that fits your needs, with space to display items or store your favourite music, the PRS will fit effortlessly into your home.



Space-saving or expanded layout.

Mixing double and single-width shelves allows you to create a practical rack system that fits your living area.

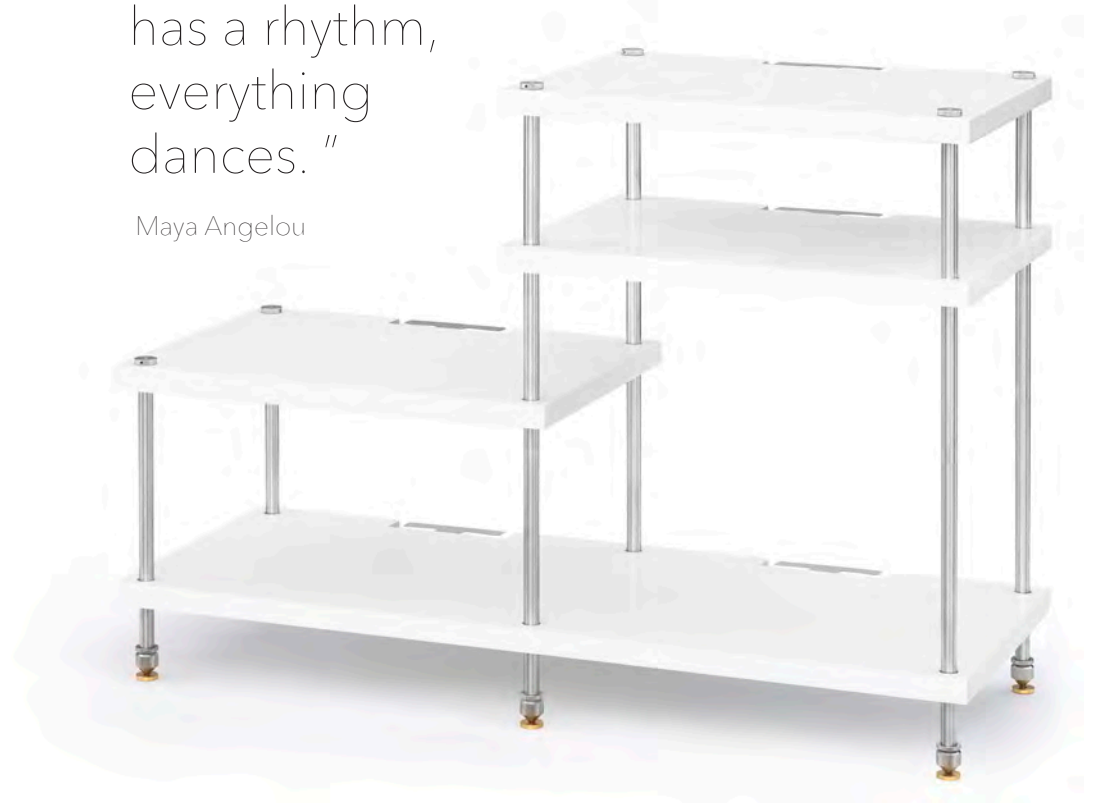
Spaces can be created for large units or display pieces.

No restrictions.

However you need, however you wish, PRS can be easily configured and adjusted to meet your needs. A system that can easily support more than 100Kg of specialist audio equipment as well as being a beautiful item of furniture in your home.

"Everything in the universe has a rhythm, everything dances."

Maya Angelou





BUILD IT YOUR WAY

Choose your shelf finish, heights and footing options

Superior quality stainless steel rods and fixings

Manufactured from solid stainless steel, all elements, rods and fixings are custom made with high precision tolerances to insure the absolute highest quality and function. Double shelves ship with six poles.



Natural Bamboo



Piano white



Piano black



Box D-4 (210mm)



Box E-4 (300mm)



Box F-4 (410mm)



Box D-6 (410mm)



Box E-6 (300mm)



Box F-6 (410mm)

Leg Base Kit

Includes floor protection discs, bottom rack spikes with lock nut height adjustment and final top locking discs.



Box C-4



Box C-6

Spike Kit

Includes spikes with locking nut and additional top cover to allow isolation between each rack shelf.



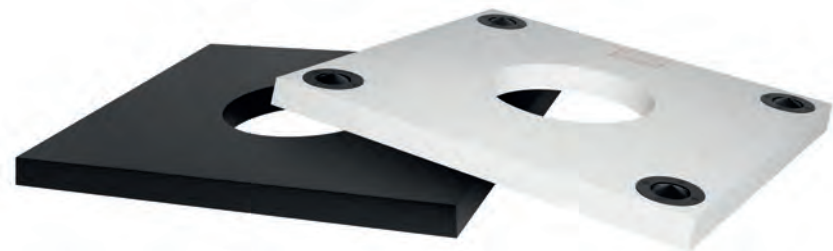
Box G-4



Box G-6

Sanctum Isolation Platform

Whether you already own a rack or want to improve audio performance further, adding Sanctum isolation platforms is simple and effective. Available in durable matt black and white finish.



SHELVES

Single shelf

Good Setup

Shelving units only



Better Setup

Shelving units with Sanctum isolation platforms



Best Setup

Shelving units with Sanctum isolation platforms and inter-shelf isolation spikes



Double shelf

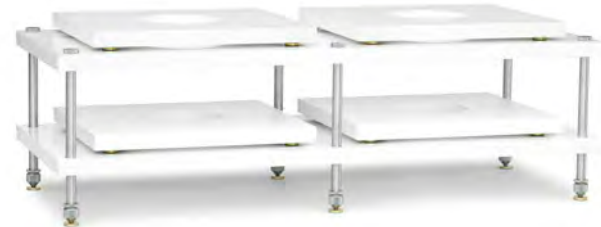
Good Setup

Shelving units only



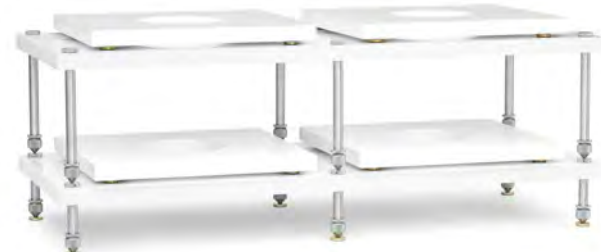
Better Setup

Shelving units with
Sanctum isolation
platforms



Best Setup

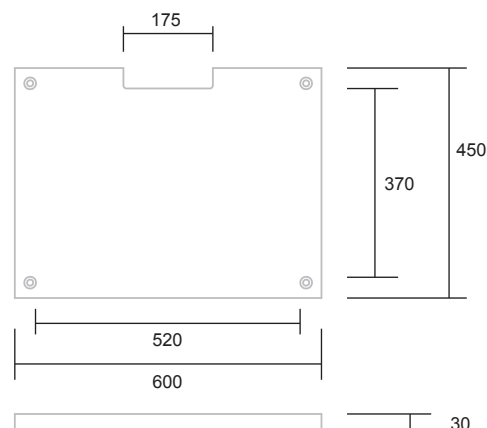
Shelving units with
Sanctum isolation
platforms and
inter-shelf isolation
spikes



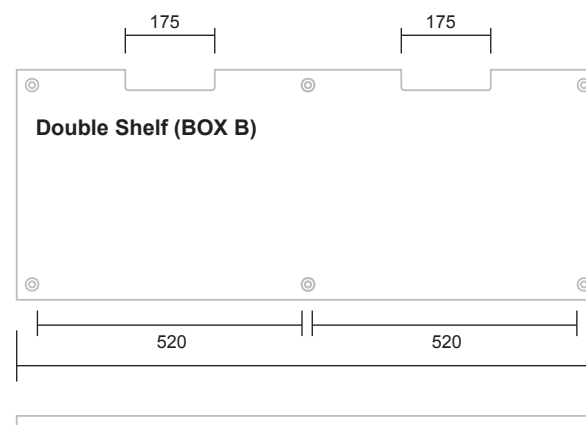
SIZES

Mix and match size combinations

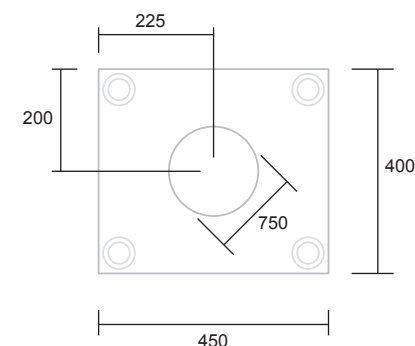
Single shelf



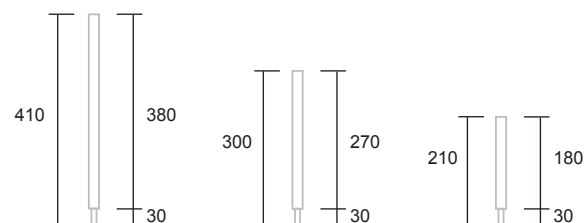
Double shelf



Sanctum platform



Shelf solid stainless steel rods



The floor spike and solid stainless steel rod

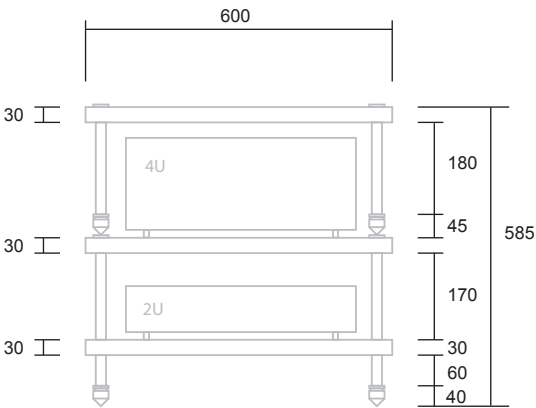


All units shown in mm. Shelf depth 30mm.

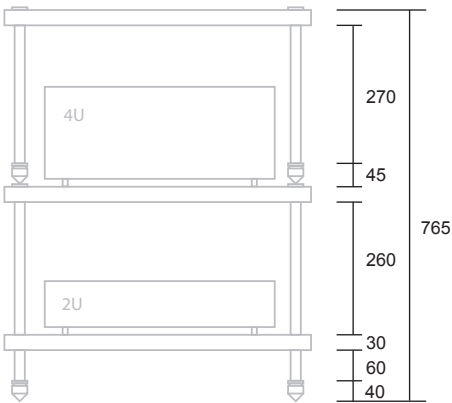
Components' given width is 450mm by a height of either:
 1U = 44.45mm, 2U = 88.90mm or 4U = 177.80mm

There are three rod sizes available: 410mm, 300mm, and 210mm. These lengths include a 30mm thread. When assembled, without using inter-shelf isolation, the usable area between shelves is 370mm, 260mm and 170mm respectively.

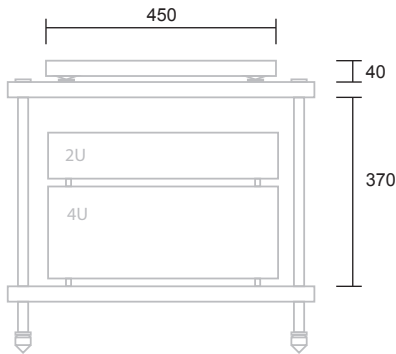
Single shelf combination racks



Two tier, single column with dual height shelving.

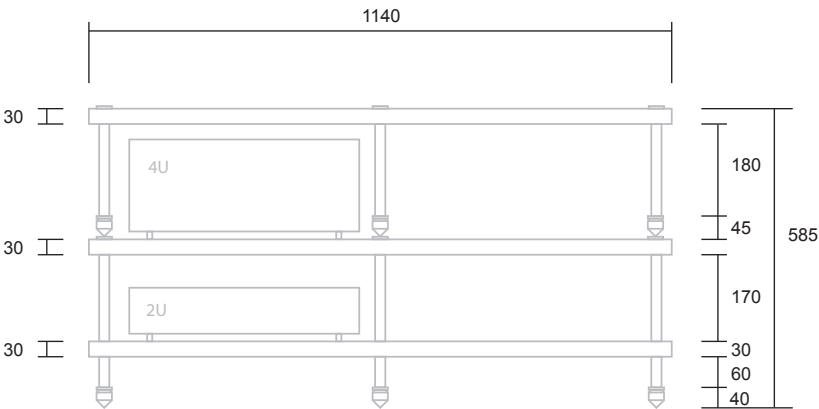


Two tier, single column with deep shelving.

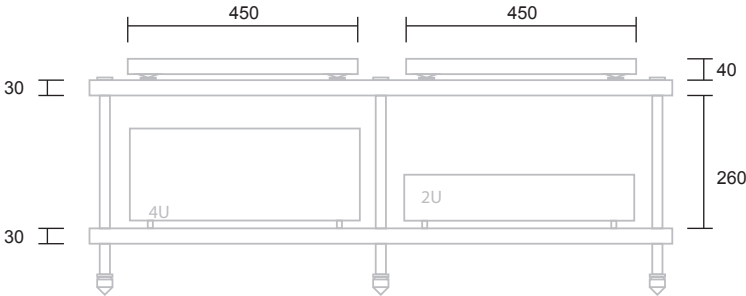


Single tier, with super deep shelving.

Double shelf combination racks



Two tier, two column with dual height shelving.



Single tier, two column with deep shelving.




bluehorizon
 professional rock system

bluehorizonideas.com



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