

critical mass



s y s t e m s



MADE IN THE USA

OLYMPUS-V12

The ultimate in performance and aesthetic, the top-of-the-line Olympus-V12 is a Masterwork of Thermodynamics designed exclusively for high end audio to provide music lovers the optimum listening experience. The OLYMPUS-V12 is constructed following our patented and award-winning approach to vibration damping. Our unique Dual Zone System has been expanded to an unparalleled 12 damping stages producing the lowest and most neutral noise floor CMS has ever accomplished. OLYMPUS creates a nearly shocking sense of realism across the entire audible spectrum.

The OLYMPUS-V12 filters and rack architecture function together to mitigate vibration in the floor, the rack, the shelf and the component at the same time. Originally developed ground-up for turntables (the most vibration-sensitive component of the audio system) the precision of the design and engineering is so exact that it performs exceptionally with every component in the audio system.

The ultimate in aesthetic, the OLYMPUS-12 allows the owner to create a statement in the listening room. Custom-made to order, sizing is very flexible for single component (amplifier), vertical rack configurations, and side-by-side configurations for multi-component systems. Leveling is fully adjustable.



MAXXUM

Constructed from proprietary internal vibration materials, our unique Dual Zone Damping System helps the filters manage vibration so that the signal processed by the electronics and analog devices sounds life-like and from the loudspeakers. The filters and rack architecture operate together to mitigate vibration in the floor, the rack, the shelf and the component at the same time.

The MAXXUM's solid metal x-frame is precision-made from high quality materials to exact specification. The spikes and connector rods and screws and bolts are surgical grade titanium. The ball bearings are tungsten carbide. All other parts of the architecture are aluminum alloys, including the 3"-diameter vertical support architecture.

Custom-made to order, sizing is very flexible for single component (amplifier), vertical rack configurations, and side-by-side configurations for multi-component systems. Leveling is fully adjustable.



PXK / QXK

The PXK and the QXK both are available in single component (amplifier), vertical rack configurations, and side-by-side configurations for multi-component systems.

Each racks' architecture allows fully adjustable leveling and is finished in clear anodized or black anodized.

Custom vertical spacing is made at no additional charge.

Combine both the PXK and the QXK with your choice of our interchangeable filter systems and shelves.



The PXK's 3-leg component support system, the PXK has a post dead center on the back.

*Dimensions: 26.5" wide x 22.25" deep
Height: 3-tier rack with 8" clearance, approx. 32"*



The QXK's 4-leg component support systems allows infinite access in back.

*Dimensions: 26.5" wide / 21.5" deep
Height: 3-tier rack with 8" clearance, approx. 32"*

SOTTO VOCE

A 4-tier wooden rack.

Quarter sawn Sapele (an African hardwood belonging in the mahogany family) makes up this structurally sound and aesthetically pleasing rack. A finish of clear satin seals the woodwork. The connective elements are constructed of metal milled from billet 6061 T651 aluminum. Now offering the Sotto Voce in the color black at no additional charge



Critical Mass Systems crafts high-performance vibration mitigation systems for high-end audio.

Critical Mass Systems racks are not isolation systems as they do not prevent the transmission of vibration. Rather, the filter system manages the flow of vibration into and out of the component as well as the rack architecture supporting it. Our proprietary internal vibration filtering materials and rack architecture operate together to mitigate vibration in the floor, the rack, the shelf and the component at the same time. This ensures even energy transfer throughout the rack architecture and filter system so your component can retain the "sound" that was intended, revealing the inner detail of the music.

PRECISION CRAFTSMANSHIP

Audio component racks fundamentally shape the quality of the signal that comes out of the loudspeakers. A good rack will make music sound more "realistic" as vibration from the loudspeakers, the components and the rack disappear, revealing the inner detail of the music.

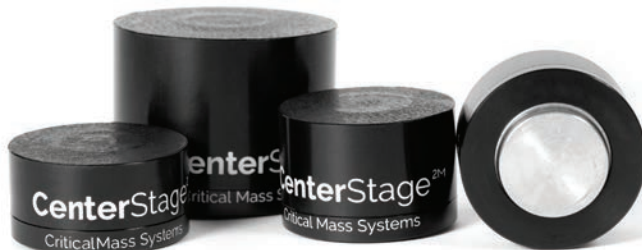
Constructed from proprietary internal vibration materials, our unique patented Dual Zone Damping System helps the filters manage vibration so that the signal processed by the electronics and analog devices sounds life-like and real when it comes out of the loudspeakers. The filters and rack architecture operate together to mitigate vibration in the floor, the rack, the shelf and the component at the same time. The filter system works at its optimal level of performance with both very light and very heavy components without any adjustment to improve the sound of both digital and analog sound.

Critical Mass Systems utilizes the best modern machines and tools combined with precision craftsmanship to produce an amazing product. Our systems allow your component can retain the "sound" that was intended, revealing the inner detail of the music.

CENTER STAGE²

Center Stage² helps components reach their engineered potential in three ways. First, they mitigate vibration coming up from the surface below them. Second, they cancel out their own noise. Third, they transfer entropy out of the component.

It might be more appropriate to view Center Stage² as a catalyst in an energy reaction. This catalyst is designed to change the prevailing state of equilibrium in the reaction, to establish a better state of equilibrium, and to permanently hold the better state of equilibrium.



Dimensions and weights

CS2 0.8: 1.5" diameter; height 13/16" (38mm x 20.6mm). +/- 5 microns
2 ounces, 56 grams

CS2 1.0: 1.5" diameter; height 1.0" (38 mm x 25.4mm). +/- 5 microns
3 ounces, 88 grams

CS2 1.5: 2" diameter; height 1.5" (50.8mm x 38mm). +/- 5 microns
10 ounces, 290 grams



MXK

Simple spikes for rack architecture
spike diameter - 1.25"
cup diameter - 1"
spike height - 1"
cup height - .1875"
aluminum
load capacity - 200 lbs.
(set of 4)

INTERCHANGEABLE FILTER SYSTEMS (most now available in over 100 standard sizes at no additional charge)

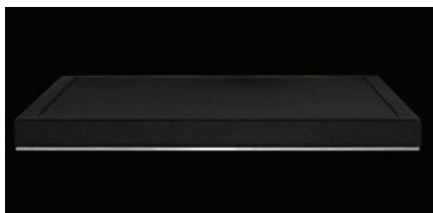
MK3 versions of the MAXXUM, OLYMPUS-V12, Black Diamond, Black Platinum and Black Sapphire filter systems are available.

Constructed from proprietary internal vibration materials, our unique Dual Zone Damping System helps the filters manage vibration so that the signal processed by the electronics and analog devices sounds life-like and real when it comes out of the loudspeakers. The filters and rack architecture operate together to mitigate vibration in the floor, the rack, the shelf and the component at the same time. The filter system works at its optimal level of performance with both very light and very heavy components without any adjustment to improve the sound of both digital and analog sound.

The filters come with discs for placing under the feet of the component. This protects the surface of the filter and improves the energy transfer between the component and the rack system.

Standard factory-set weight limits for OLYMPUS, MAXXUM, Black Diamond, Black Platinum: 200 lbs.* balanced load (rack mounted equipment); 220 lbs.* balanced load (amplifier stands)

*Greater weight loads are available upon request.



BLACK SAPPHIRE

inside rack mounting:

21.5" W x 21.5" D (resting area 19" square) x 1.8" H

top of rack or amplifier mounting:

24.5" W x 21.5" D (resting area 22" W x 19" D) x 1.8" H



BLACK DIAMOND

inside rack mounting:

21.5" W x 21.5" D (resting area 19" square) x 1.8" H

Other standard sizes available.

top of rack or amplifier mounting:

CMS offers over 100 standard no-extra-cost dimensions. Custom sizes are available. See your dealer for details.



BLACK PLATINUM

inside rack mounting:

21.5" W x 21.5" D (resting area 19" square) x 1.8" H

Other standard sizes available.

top of rack or amplifier mounting:

CMS offers over 100 standard no-extra-cost dimensions. Custom sizes are available. See your dealer for details.

Critical Mass Systems reserves the right to review and approve all filter sizes.