High-Tech for Ultimate Listening Pleasure

Outer dimensions & weight

width:	484mm
depth:	432mm
height:	144mm
weight:	32kg
load capacity	90kg*

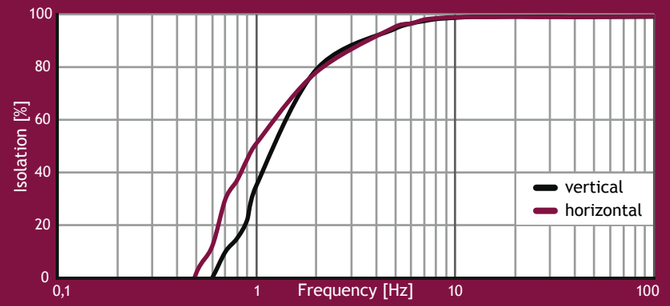
*for centered pay

Technology

isolation principle:	spring-mass-system with coupled 8 sensor-actuator units, control circuit based on Sky-Hook principle
force directions:	all six degrees of freedom actively dampened
bandwidth:	0.6 to 200Hz active; >200Hz passive
isolation performance:	>5Hz = -25dB (94.4% isolation); >10Hz = -40dB (99.0% isolation)
response time:	5ms
settling time (for pulse exitation):	<300ms
maximum dynamic forces:	±8N in vertical direction ±4N in horizontal direction

Requirements

electrical voltage:	100-250V / 47-63Hz
electrical power:	typ. 10-20W, max. 50W
temperature range (in use):	10-40°C (50-104 F)
humidity:	0-60%
altitude (air-pressure):	< 2,500m



Reviews

(incl. predecessors MOD-1M plus & Micro 40)

Stereophile Recommended Component 2006 and 2007

Editor's Choice Award 2006 and 2007, The Absolute Sound, Harry Pearson

Stereotimes Most Wanted Component Award 2006

THIXAR Dirk Ruedell • Geraer Weg 25 • 40627 Duesseldorf • Germany
Tel: +49 (0) 211 3618 1657 • Fax: +49 (0) 211 3618 2967 • Email: info@thixar.com www.thixar.com

THIXAR

Active HiFi Equipment Platform

Silencer

The Fundamentals of Sound.

Silencer - Pure Music

THIXAR

Ultimate Perfection in Vibration Isolation

People who possess high-end audio systems are fastidious. They demand an absolutely authentic rendition of their music. The Silencer takes you one gigantic step closer to this goal.

The disturbing influence of vibration has its origins in buildings, in people moving through the room and also in airbourne sound input from the loudspeakers. All these sources of disturbance lead to a distortion of audiosignals. The Silencer's active damping system suppresses these disturbances masterfully. LEDs alone hint at its inner activities: ultra-fast control engineering absorbs vibration amplitudes in the micron-area. In recent years, this technology has become an essential part in modern, nanotechnological applications. And now the Silencer is introducing it to the high-end audio world delivering spectacular results that are simply not available with any other technology.

Silencers contain sensors and actuators that are joined as axes mechanically to eachother. Vibrations occuring on the upper plate are measured and processed in a fast, analog control loop. An amplifier controlling electrodynamic actuators creates correction forces that compensate for the incoming vibration. By using dynamic powers of correction, pulse excitations can be dampened much faster. This leads to short response- and settling times as well as highest vibration isolation!

The demand: absolute vibration isolation and best quality for the smallest dimensions. For the first time, this knowledge has been put to use specifically for the high-end audio market.