Vibro FON

AUDIO SYSTEM ACOUSTIC DECOUPLER

ALPHA ACOUSTIKI

In TUNE with YOUR needs

Vibro FON

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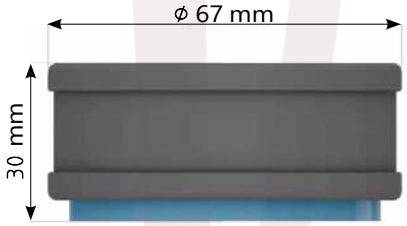
Description

Vibro FON is an audio system acoutsic decoupler support that consists of a cup made of rubber and its main anti-vibration element made of a polyurethane foam material (25mm thickness) of high-tech semi-closed cells (Regufoam©) hosted inside the cup. Its original design is a result of many years of experience in design and development of anti-vibration systems.

It is an audio decoupling system developed considering the needs of both studio and hi-fi users in mind. According to testing, while using the ***Vibro FON*** decouplers the transmission of sound energy from the audio system cabinet to its supporting surfaces is considerably reduced. The result is a significantly enhanced perception of low frequency accuracy, a clearer stereo image and thus an auditory representation that stays more true to the audio system manufacturer's intended design.



Vibro FON

Features

- Special Vibration absorber pad for effective decoupling
- Reduces sound coloration
- Increases sound clarity
- Decreases acoustic feedback
- Specially designed for Sub-woofers, monitor/hi-fi speakers, disc players, turntables, amplifiers and other audio equipment
- Advanced technology energy absorbing foam material
- Prevents structure-born resonances & mechanical distortion
- A cost-effective solution for your vibration control problems

Selection table: *Vibro FON*

COLOR CODE	MAX LOAD (daN) per Piece
Green	2.8
Yellow	4.5
Purple	7
Blue	10.5
Black	14
Grey	28.5

Frequently, the weight on the speakers is not distributed evenly. In this case, it is essential to select a different kind (color) of Acoustic decoupler for installation at the loudspeaker's front and back side. It is necessary to examine the loudspeaker's weight distribution before making a selection.

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Vibro FON *with fixing screw*

Typical applications

-Loudspeakers, subwoofers, Hi-Fi equipment support

-Floating concrete or wooden floors (without height adjustment)

Installation instructions

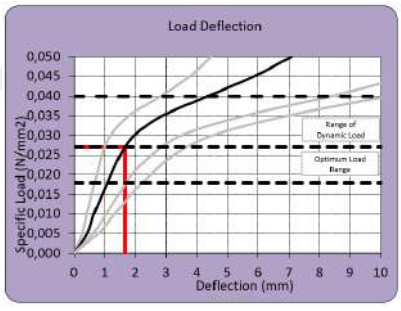
Vibro FON is self-supporting in a wide range of applications, and due to increased friction (circular rings on the bearing base), attachment is not required (eg floating floors mounts). There is a specially designed tapered hole on the top of the cup that can accommodate an up to M8mm countersunk screw (DIN7991) for fixing in applications where constraint is essential.
For the convenience of our customers we have included in each package 4 screws M6X25mm, to assist the connection to the speaker base.

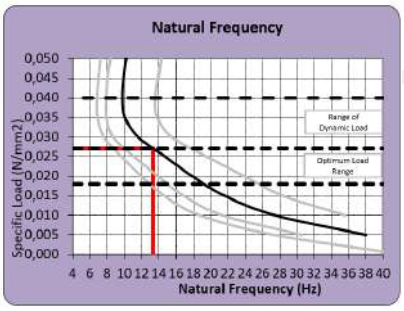
Packing: 4 piece carton box

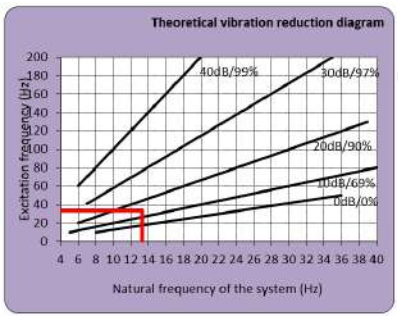
Vibro FON on Loud Speaker - application example

Dynamic Features

The dynamic characteristics of a vibration isolator are crucial for understanding the way it performs functionally. Using specifically created software, we analyze each static loading of a certain application to discover its dynamic properties. The dynamic characteristics of ***Vibro-FON****.Purple* with its maximum static load is demonstrated below as an example.







Consult our team of engineers at tech@alphacoustic.com for assistance in selecting a suitable anti-vibration decoupler.
The current issue may be updated without notice.

Design and Production according to Quality Management System ISO 9001.2008
& Environmental Management System ISO 14001.2004

Vibro

VIBRATION CONTROL TECHNOLOGY

40+years

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