SOLID TECH

Isolators

Vibrations cause distortion

All components in your music system generates mechanical vibrations, either by moving parts or electric imbalance. The vibrations travel through the materials of the components. All materials have its own resonance response and tuning. This creates distortion, causing coloration and masking of the frequency spectrum. In short; the music gets tuned and blurred.
Coupling or de-coupling? That's the question.

Searching for harmony

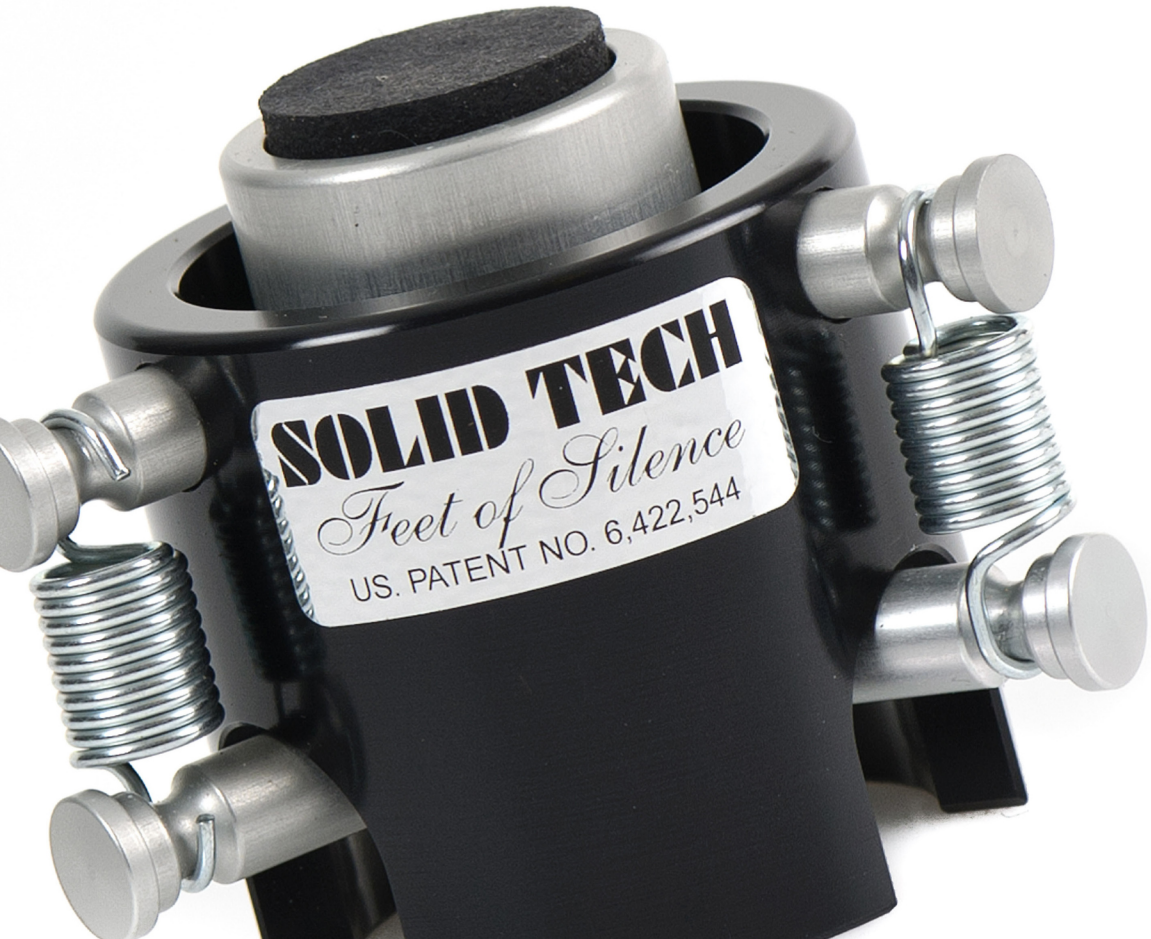
There are different philosophies to Obtain:

- Better low-level information
- Improved soundstage
- Increased separation of instruments
- More detailed overtone spectrum
- Better transient response

Common issues of mechanical distortion are fought by adding materials with different density trying to cancel out the disturbing resonances. But competing solutions tend to only add a tonal shift, with accentuation of a specific frequency area. The effect is a tuning of the tonal balance of the system, but will not likely solve the problem and the desired benefits are lost.

Perfection achieved

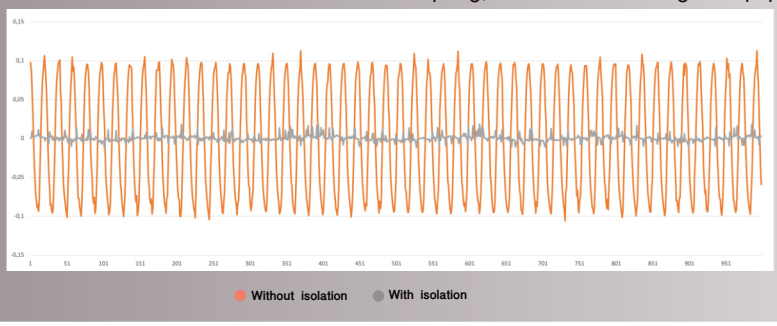
Solid Tech has been optimizing high end audio reference systems for more than 15 years. Our designs are not only equipment storage, but rather the merging components of the system. All parts and concepts are made as module entities to perfect tailor every unique set up to its environment. By utilizing our highly efficient mechanical isolation and resonance control systems, we allow the signal components to unhindered reproduce the music without adding a signature of tone.



Stand alone isolators

Feet of Silence

Feet of silence is our state-of-the-art isolator. Extreme and revolutionary capability of both vertical and horizontal de-coupling, for medium weight equipment.



Vibration Isolation Measurment

- Frequency: 50 Hz
- Load: 24 kg (4 isolators with HD springs)
- Peak improvment: 92%

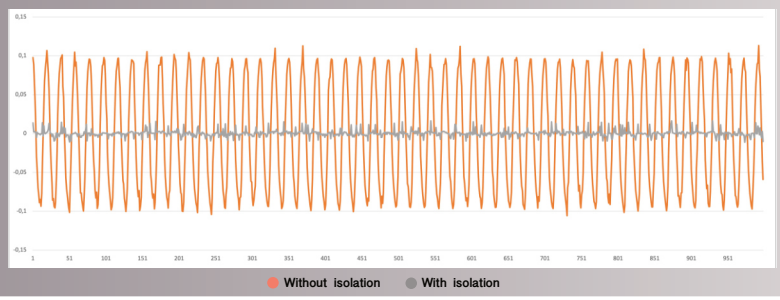
Tech details:
Light Density Spring:
Each foot can support a load of 1-3 kg. Using 3 units the maximum load is: 9kg.

High Density springs each foot can support a load of 3-6kg. Using 3 units the maximum load is 18kg

Diameter: 75mm (footprint to surface diam: 49mm)
Unloaded height: 56mm
Loaded height: 49mm (approx.)

Discs of Silence

Disc of Silence is the ultimate set of isolators for heavy amplifiers and unevenly distributed loads. Hight is adjustable to provide easy installation and precise levelling. Disc of Silence has a very wide load capability as it can effectivly decouple loads from 6 to 180kg by adjusting the amout of springs.



Vibration Isolation Measurment

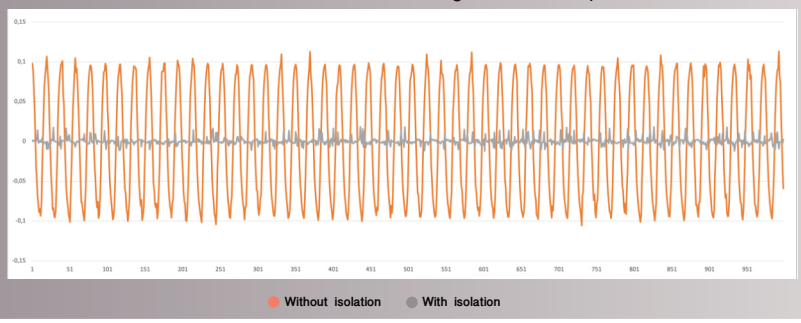
- Frequency: 50 Hz
- Load: 30 kg (4 isolators with 3 springs in each)
- Peak improvment: 86%

Tech details: For optimal isolation should each disc be loaded with minimum 5 kg. A set of 3 discs and 3 springs in each isolator effectively support 15-35 kg. The maximum possible load using 4 isolators and 12 springs in each is 180 kg.

Diameter: 78mm
Unloaded height: 54mm
Loaded height: 40mm (approx.)

ISO Black

IsoBlack offers an impressive ratio between ease-of-use and high performance at low cost. An extensive vibration analysis made by an independent institute clearly shows its effectiveness even at the lowest and most offending audio frequencies.



Vibration Isolation Measurment

- Frequency: 50 Hz
- Load: 20 kg (4 isolators with 3 springs in each)
- Peak improvment: 81%

Tech details 3 units can support a load from 5-15 kg and by adding extra optional springs allowing additional support of as much as 34 kg. Using 4 isolators the max load will increase with 25%.

Diameter: 48mm
Unloaded height: 30mm
Loaded height: 23mm (approx.)

Bridge of Silence

Bridge of Silence, makes a real difference when reducing the electromagnetic interference and vibrations to a minimum by lifting the cables from the floor and being the material used, concrete, a great resistor.

Tech details: One unit can support a weight of max 8 kg.

Length: 122mm
Height 65mm
Width: 47mm

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