# SOLID TECH

-Feet of Silence-

**APPLICATION INSTRUCTION**

We wish to thank you for purchasing the unique *Solid Tech* apparatus feet for your audio/video system.

To obtain **optimised** vibration control of your equipment, a number of guidelines are listed below.

1. The general rule is to use 3 or 4 feet (1 set) under one and the same apparatus. Equipment weighing more than 24kg can be suspended by 5 alt. 6 feet when required.

2. The initial set up will require that you use *Feet of Silence* supplied with the correct springs for given apparatus weight categories, 3kg/foot or 6kg/foot.

3. The pressure applied to each foot has to be sufficient causing the suspension springs to flex correctly. This will allow the vibration absorber to move downwards from its resting position by at least 1mm. Intended decoupling of the suspended equipment can therefore be achieved, allowing for unrestricted vertical and horizontal movements.

4. Positioning the feet under lightweight equipment such as preamplifiers and CD players, is an individual task for all different equipment designs. To eliminate internally generated vibrations, one foot should be positioned under (or close to) the power transformers. Please see views 1-4 on sheet 2, for most suitable positioning of *Feet of Silence* under lightweight equipment.

5. When positioning the feet under heavier equipment such as power amplifiers, the same rule applies. Position one foot below each power transformer. Please see views 5-6 on sheet 2, for most suitable positioning of *Feet of Silence* under heavy equipment.

6. Once a logical positioning of the feet has been established, slight movements of the feet may be required to achieve horizontal balance of the apparatus. All electronic equipment is differently designed, causing unforeseen resonance paths through the apparatus assembly. After careful listening, additional feet positioning adjustments may be preferred.

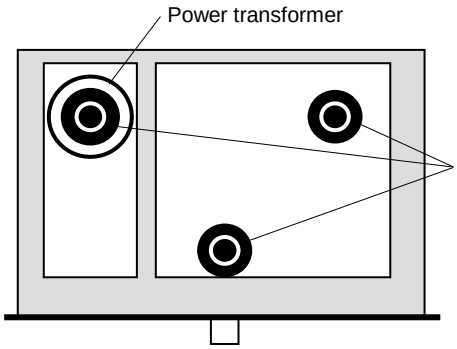
7. In cases of unevenly dispersed mass in an apparatus, a mix of feet with either heavy duty or light springs can be implemented to obtain correct horizontal balance.

8. Larger types of original apparatus feet may be removed if preferred, as these act as resonance reservoirs. Musical timing & pace and sound stage imaging are clearly reduced by this hanging mass.

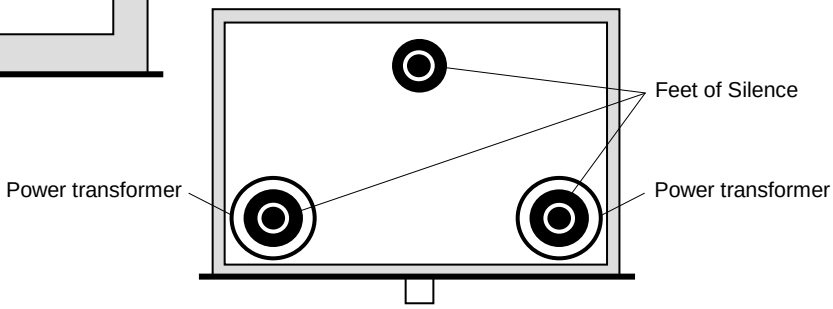
9. To obtain optimum decoupling of electronic equipment from any supporting surface, make sure the centrally located vibration absorber is always held in free space by the springs, allowing for uninterrupted vertical and horizontal movements.

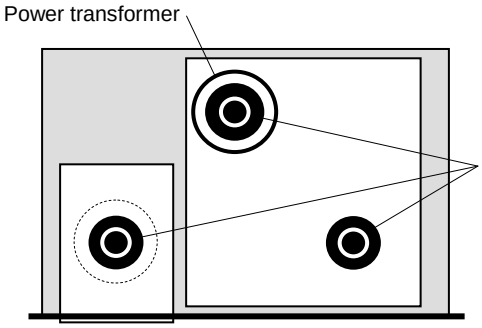
10. As the *Feet of Silence* in themselves are a vibration control system, their performance can be improved further by positioning the feet on a high quality rack system such as, Solid Tech's Rack of Silence or Solid Tech's Radius rack system.

## PROPOSED POSITIONING OF SUSPENSION FEET UNDER AUDIO EQUIPMENT

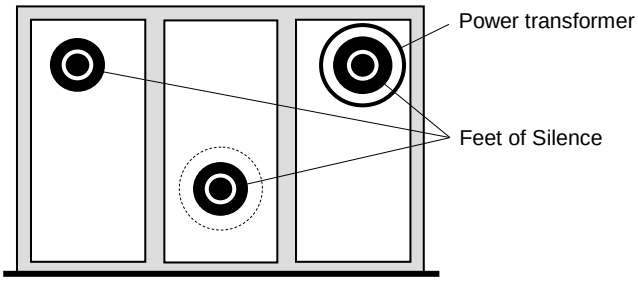


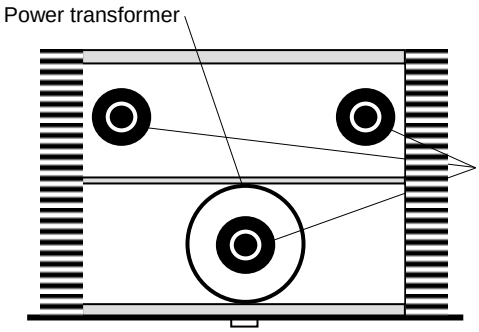

PREAMPLIFIERS **Fig 1-2**




CD PLAYERS **Fig 3-4**




POWER AMPLIFIERS **Fig 5-6**