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# User Manual

## [iso:form]<sup>™</sup>

### Vibration Isolation Platform

#### Introduction

[iso:form]<sup>™</sup> Vibration Isolation Platforms reduce low and high frequency energy in devices that are placed onto the platforms. Common application is support of any laser device (CD, DVD, etc), video projectors, turntables and all valve (thermionic vacuum tube) electronics. Also (unrelated to audio applications) good results can be obtained when used to support microscopes, cameras and other high precision professional devices. Improvements in sound quality are noted when supporting some transistor pre-amplifiers and power amplifiers.

[iso:form]<sup>™</sup> are active devices. They use external energy to operate, but not electrical, and therefore do not need to be plugged into the electrical wall outlet, nor use any batteries. In presence of vibration internal elements activate (get into motion) and work towards reduction of vibration.

There are two [iso:form]<sup>™</sup> models, carbon-fiber and wood composite units. Carbon-fiber composite is extremely strong material that performs outstandingly well in this application and has magnificent hi-tech appearance. Wood is available in two options, gloss clear and genuine bees-wax satin finish. Bees-wax finish gives a natural, warm appearance, showing the open grain structure and imperfections of the exotic wood.

[iso:form]<sup>™</sup> is available in three standard sizes (WxD) 435x370mm, 475x395mm and 475x530mm, all 25mm thick, and custom sizes built to suit particular hi-end audio or video component; all custom sizes are 100mm thick.

[iso:form]<sup>™</sup> utilize 3 specific technologies to reduce vibration energy:

- 1) *Point Contact* feet reduce the impulse energy, and dissipate it by deflecting base material. These precision machined, force loaded contacts, couple the platform to the mass below it, allowing energy transfer.
- 2) *Polymer Transfer Dampeners*<sup>™</sup> within platforms transfer low frequency vibration into linear motion of long molecular strands of inert polymer, which dampens the motion and transfers it into heat through molecular displacement of polymer.
- 3) *Energy Condenser Cells*<sup>™</sup> transfer high frequency vibration into rotation of hard and smooth spheres, which in the process of sliding against each other dissipate vibration into heat through friction. The Cells are strategically placed within the platforms for optimum performance.

[iso:form]<sup>™</sup> advanced design is scientifically researched, engineered and tested. Please ask at Dan A Digital Authorized Dealer equipped with Vibe-Comp instrument for a demonstration and visual display of [iso:form]<sup>™</sup> effectiveness.



## Installing your [iso:form]<sup>™</sup>

Please find following items in the pack:

- One [iso:form]<sup>™</sup> platform
- Four metal Point Contact feet
- One tool for Point Contact feet installation
- Four metal Protector Discs
- Warranty card

You will need to fit and adjust Point Contact feet as follows:

- Screw four metal feet into the platform using supplied thin metal rod, or a similar suitable thin round tool, such as small phillips-head screwdriver (not supplied). Fit the tool through a cross-hole of the Point Contact spike and screw into platform turning clockwise. Some resistance to turning will be felt while screwing the feet in. That is normal: the threaded holes in the platform are designed to continuously exert some force onto the feet to facilitate energy transfer. Sharp ends will transfer energy between the platform and the item that supports the platform. In case you need to protect the item beneath the platform from spike damage, affix self-adhesive metal Protector Discs to the item beneath the platform, at positions where spikes are to make contact with it. Protector Discs are slightly dished in to assist in positioning the platform. Place the platform onto the Protector Discs (if fitted) and check the level; adjust by screwing the feet in or out as required to obtain horizontal position. The platform is now ready to use.

## Warranty and Liability Details

Dan A Digital Pty Ltd will repair, or replace, or pay for the repair or replacement of [iso:form]<sup>™</sup> Vibration Isolation Platform for the lifetime of the original registered owner; this warranty is limited to functional failures caused by defective components, materials or workmanship, excludes cosmetic defects, it is limited to warranty claims made by the original registered owner, and is non-transferable. No other warranty is given, specific or implied. In the event of product service under this warranty the owner is to provide the product available for repair in original packaging to Dan A Digital Pty Ltd premises, and Dan A Digital Pty Ltd will repair, or replace, or pay for the repair or replacement of the product, and provide the product available for use to the owners premises. Dan A Digital Pty Ltd is not liable for any direct, indirect, consequential, incidental, special, punitive or exemplary damage, or loss of property, business, interest, revenue or profit, or damage caused to people's health, caused by Dan A Digital Pty Ltd products or actions, physical or immaterial.

Unauthorized access to internals of the apparatus will make the warranty null and void.

To register your Warranty please fill out and send us the enclosed Warranty Registration Card within three months after the date of purchase.

**Thank you for choosing Dan A Digital product.**