



## NoVibes HDD-Decoupling

patented decoupling mounting  
for 3,5 inch harddisks.  
Made in Germany

Do-it-yourself (DIY) version

### Assembly instructions

All trademarks, marks or product names are the property of the respective owners.

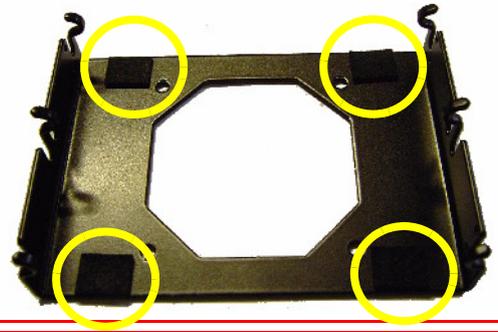
Any form of reproduction or reprint, as a whole or in excerpts, requires the written permission of A Conto Noisemagic GmbH, Germany.

NoiseControl, NoiseMagic, MagicFleece, NoVibes, Maxfreeze, PowerMount are registered or unregistered or registration pending trademarks.

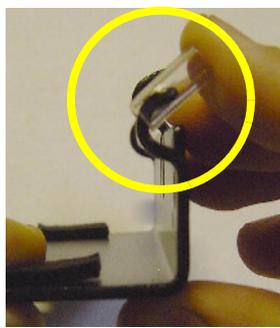
# NOISE MAGIC

Glue the four felt buffers to the metal frame. The buffers need only be in the approximate position shown in the pictures. Use the screwholes for the fan mount as a rough guideline.

The buffers should be in a position where they could support the harddisk right at its long edges, although the harddisk is meant to be held suspended by the rubber rings. The buffers are a security measure only.

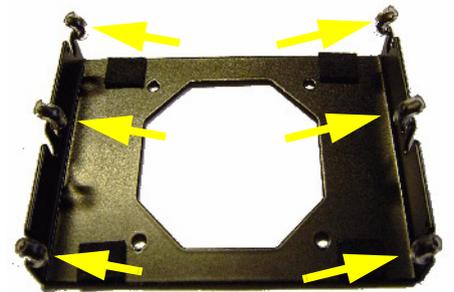


Installing the buffers

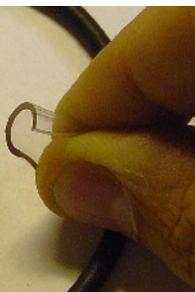


Next slide the six transparent sleeves over the six hooks of the frame. This is done best by pressing down on the end of the sleeve with your fingertip. Should the sleeve fail to slip over the hook, you can try to warm the sleeve in your hands or in moderately hot water.

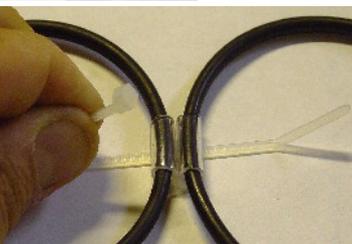
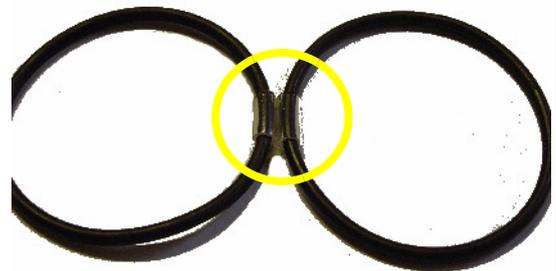
**The sleeves are essential; leaving them away may lead to failure of the rubber rings, which in turn could damage the harddisk!**



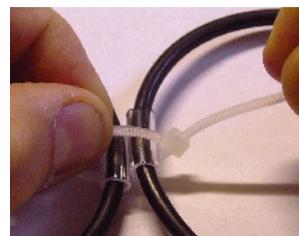
Installing the protective  
Sleeves



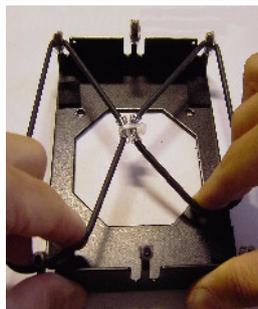
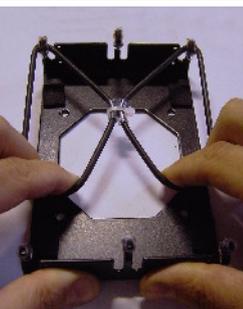
Two of the three rubber O-rings need to be connected to form a figure eight. This is required for proper dampening and tension of the assembled device. Slip one of the slitted sleeves over the rubber of the O-rings each. Rotate the sleeves that the slit is facing outwards. Place the two rings next to each other with the sleeves touching, as well.



Sling one of the provided cable ties around the sleeve-protected O-rings and tighten snugly. Don't overtighten: The O-rings themselves should not be deformed. Snip the cable bind excess.



Connecting the O-Rings



Next the connected O-Rings need to be stretched over the corner hooks of the frame to form the webbing that will hold the harddisk later. Hook the two rings loosely into the notches of the frame's hooks, taking care that the cabletie is centered. Carefully stretch the two rings simultaneously with your index fingers towards the other two hooks. Use your thumbs to press against the frame. After you have slipped the rings over the hooks, adjust tension in the rings by tugging the rubber rings around the hooks until the cabletie is in the exact center of the frame.



Installing the O-Rings

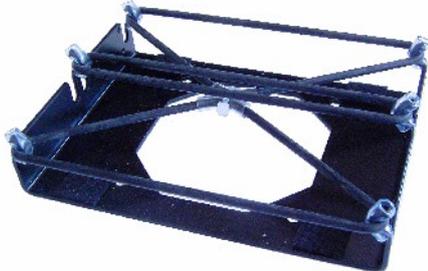
# Installation Instructions NoiseMagic® NoVibes III



The patented **NoVibes** hard disk mounting frame serves to de-couple the hard disk from the computer's case. **It is suitable for 3.5" wide and 1" height haddisks only!** For 1.6" haddisks, use the NoVibes IV frame.

## SECURITY WARNING

*The rubber bands of the frame are quite sensitive to mechanical damage. Sharp edges of the haddisk may introduce small nicks or cuts into the rubber, which might go unnoticed at the time, but could eventually lead to failure of the rubber. During insertion of the hard disk into the frame this risk is most pronounced.*



## IMPORTANT

If your hard disk has a type of chassis that does not provide solid metal edges for the rubbers to hold on, (i.E. Fujitsu Allegro, Seagate Cheetah), the optional distancing rails must be installed. Under no circumstances must the rubber bands be pulled or pressed directly onto any electronics fitting of the hard disk. (it is OK if the rubber bands just touch the electronics, just force must be avoided. Try to avoid placing rubber bands directly across processor chips of the hard disk as they might get hot) The installation of the distancing rails is explained at the end of the manual.

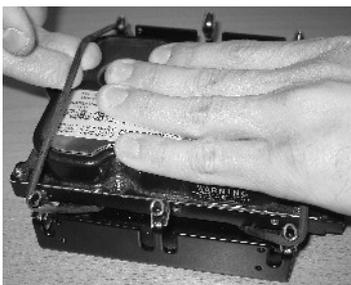
## INSERTION OF THE DISK INTO THE NOVIBES FRAME



Place the NoVibes on a flat surface, like a tabletop, in front of you.

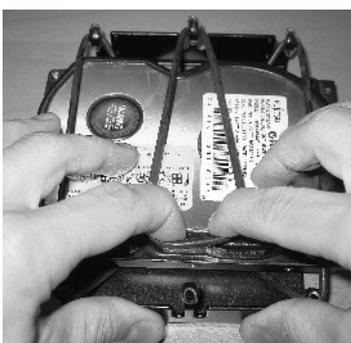
Pull one of the straight parts of the rubber up and carefully slide the disk into the gap. (The parts of the rubber which are connected with the cable ties go underneath the disk)

Take care that no part of the disk (electronic components, jumpers, etc.) snags on the rubber.



Slide the disk trough the first rubber until you can insert it under the second rubber band as well.

Now center the disk between the rubber bands.



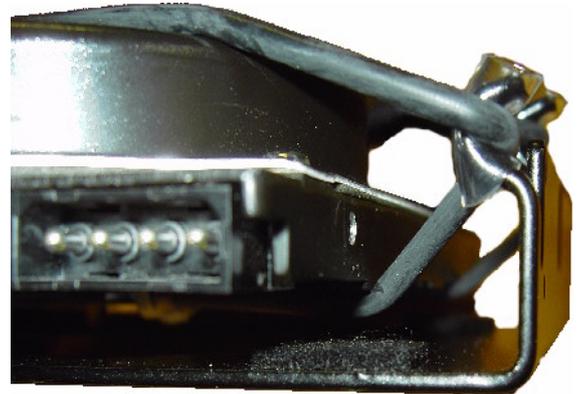
Hook the third, loose rubber ring over the provided central metal hook.

Grab the ring with two fingers on each hand and stretch the rubber across the hard disk. Use your thumbs for leverage against the metal body of the NoVibes. Snap the rubber over the second central hook.



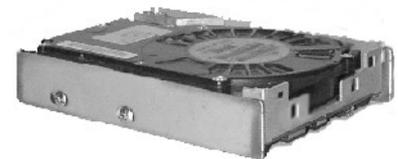
This is what the completed assembly should look like. Adjust the rubber tension so that the disk does not quite touch the rubber buffers. This is accomplished by tugging the rubber bands slightly around the four corner hooks, thereby redistributing the tension between the upper and lower parts of the rubber bands.

Now the completed assembly can be mounted in a 5.25" drive bay. Secure with the supplied screws.



### **INSTALLATION OF THE DISTANCING RAILS**

If the chassis of your hard disk is very uneven and/or has numerous gaps and edges (e.g. Fujitsu Allegro, Seagate Cheetah), you should use the optional distancing rails. The rails are mounted using standard screws. To get an optimal result install the rails, but don't tighten the screws yet. Place the disk on an even surface and adjust the rails to snugly sit on flat surface. Tighten screws.



### **OPERATING CONDITIONS**

Any hard disk of 3.5" width and 1" height can be mounted and operated with the NoVibes. The permanent temperature of the disk/assembly should not exceed 50 ° Celsius. For short periods of time, up to 70° Celsius are tolerable for the rubbers. (probably not for your hard disk!) Keep in mind that the aging process of the rubber is accelerated by heat! The rubber bands may not be exposed to the daylight (UV light) for long periods of time.

### **TRANSPORTATION OF A COMPUTER WITH A NOVIBES MOUNTED DISK**

As Novibes does not provide a fixed disk mounting, movement and some displacement of the disk during rough handling of the computer is possible. However, even under usual UPS-like handling conditions, the disk should not come really loose. If in doubt, secure hard disk prior to a transport using sticky tape or any other method.

After a transport it is advisable to open the PC and check for and correct any possible displacement of the disk to ensure perfect operation of the unit.

If a NoVibes mounted disk was in operation for more than 18 months already, it is strongly recommended to check the rubber bands prior to any movement/shipment of the computer! See section "Maintenance"

### **MAINTENANCE**

The rubber bands of the NoVibes are subject to an aging process, like all rubbers. Therefore it is required that the rubbers are checked every 12-18 month for signs of wear&tear. Replacement rubbers are available at a nominal fee or even free of charge at your NoiseMagic dealer.

Give all places where the rubber is bent the most, at the hooks and at the edges of the hard disk, a very close look. If cracking shows up, or if any part of the rubber feels tacky, or if the surface of the rubbers looks distinctively whitish, do not use the unit until the rubbers have been replaced.

Don't replace with any other rubber but the original NoiseMagic ones, especially not any red household rubbers or hydraulic seal rubbers - these WILL fail within a short time.

Life expectancy of the rubbers depends very much on temperatures, ozone presence and care (or lack of) during installation. Normal service life should be between 3 and 4 years.

Any form of print or reproduction, as a whole or in excerpts, requires the written permission of A Conto Noisemagic GmbH, Germany. All trademarks, marks and product names are the property of the respective owners.