

7. Why don't manufacturers build this protection into their system?

Some level of protection is built into most systems. However, since electrical noise levels vary dramatically from location to location, and there is considerable pressure to keep equipment price levels down, manufacturers usually build in a lower level of protection. In effect, it's up to the user to provide the proper environment, which includes clean electric power.

8. Do I need an electrician to install an ONEAC power conditioner?

Except for some of the larger models, ONEAC units do not require any special wiring. You only have to plug the units into the existing outlets. Also, because of the particular design of the ONEAC power conditioners, the need for special isolated grounds or dedicated lines is, in many cases, eliminated.

9. How long will my ONEAC power conditioner last?

All ONEAC products come with a five year parts and labor warranty. Because of the design of the product, we have every reason to believe that they will last considerably longer than your equipment.

10. Are there any products available which cost less?

Yes. Any computer store or catalog can sell you one of the many low cost surge/spike protectors. They go by many names: surge suppressors, spike arrestors and MOVs. These low cost products were originally designed to protect devices (such as your TV), from damage during a lightning storm. Generally, they have many similarities, some of which, unfortunately, are harmful to electronic equipment. For example, surge protectors often cannot filter out spikes of several hundred volts and can actually wear out or fail without you knowing it. They also sacrifice any ground noise protection for acceptable leakage current levels. In summary, they provide limited protection at a low cost.

CASHING IN ON

ONEAC



POWER CONDITIONING

PRODUCTS FOR POS SYSTEMS

Call Gryphon, Inc., for more information on power conditioners and UPSs designed for retail applications.

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Questions concerning how ONEAC Power Conditioners can improve the profitability and operation of your POS system.

1. What is power conditioning and why do I need it?

The electricity that powers your computerized equipment carries with it some harmful properties called transients, surges, or noise. Quite simply, these phenomena are excessive spurts or spikes of electrical energy that travel along the power line and enter your system. This noise, if allowed to pass through to the electronics of your system, will eat away at the microprocessors and cause them to malfunction and ultimately to fail.

Effective power conditioning filters out these harmful disturbances, preventing malfunctions and the erosion of your equipment and substantially enhancing its reliability and overall operation.

2. What types of equipment can benefit from power conditioning?

Any kind of computer-based point of sale or retail system will show improved performance when protected against noise. As an alternative to a dedicated line, the ONEAC power conditioner provides a portable solution in applications such as:

- Point of Sale Terminals
- Scanners
- Printers
- File Servers
- Credit Card Readers

3. What causes electrical noise?

Electrical Noise can be caused by major disturbances like lightning, but are most often the natural by-product of the use of electricity. For example, noise that gets into your instrument can be caused by the air conditioner in your building, refrigeration compressors, the emergency generator set, laser printers or even by the neighboring electronic systems. No matter where you plug in your equipment, you find electrical noise. In fact, it's only safe when it's unplugged.

4. I don't have any power problems. Why do I need a power conditioner?

Electrical noise is truly an invisible problem since the damage it does may not cause your system to fail immediately. This unseen damage frequently causes "soft" failures, such as those unexplainable errors in printing, system lock-ups or inaccurate test results. Ultimately, the cumulative effect of these problems will show up as hard failures. And that means your system stops working and requires repair.

5. What benefits will I see if I use an ONEAC power conditioner?

You will see a dramatic decline in failures of all types. Your equipment will run more smoothly. You will experience fewer random errors, fewer instances of lost or garbled data, and fewer outright equipment failures. You will have fewer horror stories to tell about how the system went down when you had a store full of customers, or how you lost critical records at end of month. In essence, you will be a more satisfied system user.

6. Why is ONEAC the best power conditioning product I can buy?

ONEAC is the only power conditioner that was designed with the new generation of point of sale and retail systems equipment in mind. The designers of ONEAC thought through all of the issues concerning the effects of electricity on sensitive circuitry and designed a product that protects your system at all times, even when you are not using it. ONEAC has been extensively evaluated and recommended by the major manufacturers and users of retail systems.

Some special features that distinguish ONEAC power conditioners from competitive models are:

- Greater efficiency
- Quieter operation
- Much less generation of heat
- Smaller Size
- Clean, portable ground - dedicated lines not required
- Five year warranty
- Battery back up available