

**The Conserver<sup>TM</sup>**

from  
MDIdeas, Inc.

## **Technical Support**

If you have any problems with The Conserver that cannot be answered by your local MDIdeas dealer, please contact our technical support staff either by mail or phone :

**MDIdeas, Inc.  
1163 Triton Drive  
Foster City, CA 94404.  
(415) 573-0580**

Manual by Mark Bain

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## Introduction

Thank you for purchasing The Conserver from MDIdeas. The Conserver will make your Apple IIGS computer more efficient, attractive, and reliable. It is part of a growing line of Apple IIGS products from MDIdeas.

The Conserver gives you more desktop room because you can stack the monitor and the disk drives on top of the Apple IIGS computer. This gives you a more attractive and more efficient computer system. The Conserver also protects your computer system by incorporating full surge suppression, AC line conditioning filters, and a cooling fan. Convenient power distribution and control is available through six rear mounted AC outlets and three front mounted power switches.

This manual will take you through the set-up process for your Conserver. Also included are technical specifications. If you have any questions, please contact us for additional information. Again, thank you for purchasing The Conserver from MDIdeas.

## Setting Up

**A.** Carefully unpack everything from the box. You should have The Conserver, a special diskette holder, the MDIdeas warranty card, and this manual.

**B.** Place your Apple disk drive(s) in the Conserver so they face forward and their rubber feet fit through the cutouts on the Conserver bottom plate (Fig. 1). Feed the drive cable from the left disk drive through the large cutout on the Conserver bottom plate and out through the left rear opening. If you only have one disk drive, place it on the left side of the Conserver. This makes a more stable platform for your monitor. Install the diskette holder next to the drive. If you have two drives, place them both in the Conserver. Connect the disk drive cable of the right drive to the back of the left disk drive. Coil up the cable and set it behind them in the space provided (Fig 2.).\*\*

**C.** Place the Conserver on top of your Apple IIGS. The front of the computer should be aligned with the front of the Conserver. Two small alignment stubs protrude out of the bottom and should fit snugly in the grooves of your computer lid. Place your monitor on top of the Conserver.

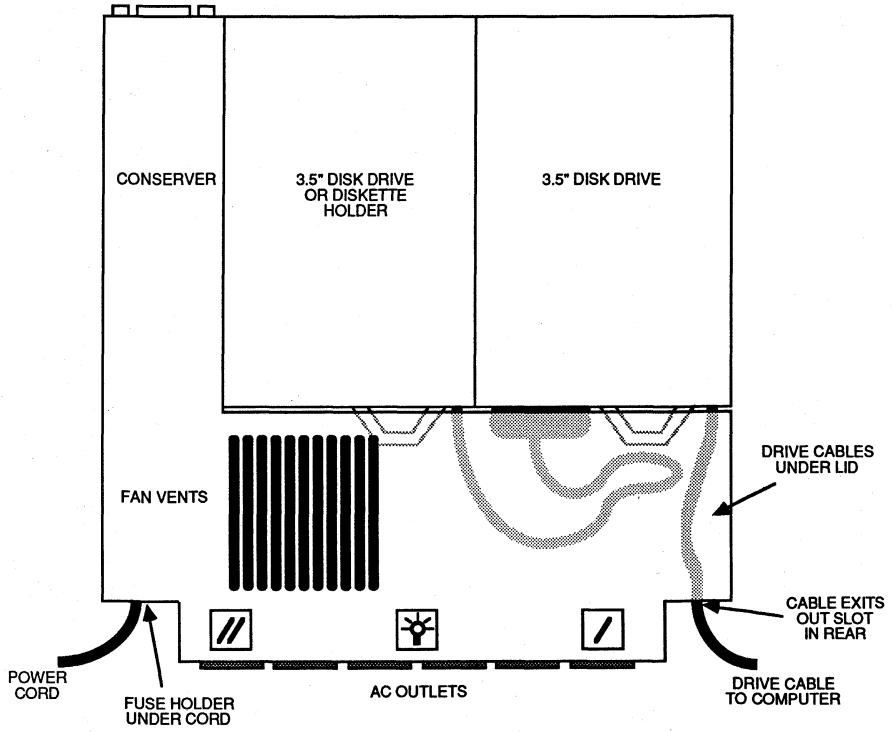
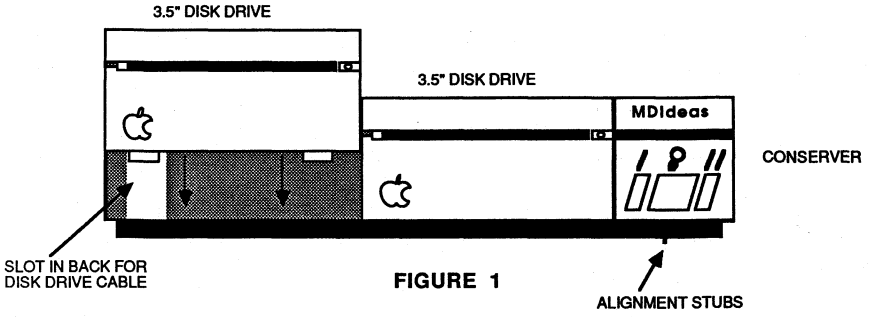
**\*\*Note:** If you need to daisy chain more disk drives beyond the two in your Conserver and cannot get to the connector behind the right hand drive, a special extension cable is available from MDIdeas. Call us for more information about The Conserver Daisy Chain Cable.

**D.** Now you can plug the power cords of your computer, monitor, and hard disk or other accessory into the Conserver. Note that there are three separate circuits controlled by the three power switches on the front panel. This makes it convenient to control the sequence when powering up (i.e. hard disk first, monitor next, computer next).

**E.** Turn on all the power switches on the equipment plugged into The Conserver. Be sure the three switches on the Conserver front panel are out (off position).

**F.** Plug the Conserver power cord into a wall outlet. Be sure that the outlet can handle the combined load of all equipment attached to the Conserver.

Installation of your Conserver is now complete.



## SPECIFICATIONS

Maximum load	
per outlet:	350 watts
total load (all six outlets):	950 watts
fuse rating	8 A fast-acting
Surge suppression-common & differential mode	
energy dissipation:	70 Joules
response time:	< 5 nS
clamping voltage:	175 volts
Line filters-line to line & line to ground	
noise-rejection frequency:	1-100 MHz
attenuation:	up to 50db
Cooling fan	
air volume:	20 CFM
air flow direction:	out through computer top
Front panel:	
Three snap-action switches with LED power indicators	
two controlling one outlet each, one controlling four	
outlets plus internal cooling fan	
Cord length:	8 feet
Maximum monitor weight:	35 lbs
Diskettes in holder:	10 max

## What not to do to The Conserver

**DO NOT** block fan vent holes above or below The Conserver. This can cause your computer to overheat.

**DO NOT** block vent holes along the bottom of the IIGS. They are there to provide fresh air into the computer while the fan exhausts hot air out of the top.

**DO NOT** plug in any device which exceeds the maximum load rating of each switched circuit. (350 watts max.)

**DO NOT** operate The Conserver with a total load of more than 950 watts.

**DO NOT** plug toaster ovens, hair dryers, or any heating appliances into The Conserver.

**DO NOT** plug power drills, vacuum cleaners, or any large motorized appliances into The Conserver.

If you are uncertain about the power requirements of a particular peripheral, please contact our technical staff before plugging it into The Conserver.



## Limited Warranty on Conserver

MDI Ideas, Inc ("MDI") warrants The Conserver against defects in materials and workmanship for a period of ONE YEAR from the date of original retail purchase.

If you discover a defect, MDI will, at its option, repair, replace, or refund the purchase price of the product at no charge to you, provided you return it during the warranty period, transportation costs prepaid, to the authorized MDI dealer from whom you purchased it or directly to MDI. All direct returns to MDI must be accompanied by a Return Merchandise Authorization (RMA) number. Please attach your name, address, telephone number, a description of the problem, the RMA#, and a copy of the bill of sale bearing the appropriate MDI serial numbers as proof of date of original retail purchase, to each product returned to warranty service. You can obtain additional information from MDI directly at 1163 Triton Drive, Foster City, CA 94404.

This warranty does not apply if the product has been damaged by accident, abuse, misuse or misapplication, has been modified without the written permission of MDI, or any MDI serial number has been removed or defaced.

ALL IMPLIED WARRANTIES, INCLUDING IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO ONE YEAR FROM THE DATE OF THE ORIGINAL RETAIL PURCHASE OF THIS PRODUCT.

THE WARRANTY AND REMEDIES SET FORTH ABOVE ARE EXCLUSIVE AND IN LIEU OF ALL OTHERS, ORAL OR WRITTEN, EXPRESS OR IMPLIED. No MDI dealer, agent, or employee is authorized to make any modification, extension, or addition to this warranty.

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Some states do not allow exclusion or limitation of implied warranties or liability for incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

# WARRANTY REGISTRATION CARD

By filling out this Warranty Registration Card, you will be placed on our mailing list, and will receive all information regarding product upgrades, and new MDIdeas products. This warranty card must be filled out and sent within 10 days of purchase.

Product Purchased: \_\_\_\_\_ Serial No.: \_\_\_\_\_

Company Name: \_\_\_\_\_

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Place of Purchase: \_\_\_\_\_

Address: \_\_\_\_\_ Date: \_\_\_\_\_

What computer-related publications do you read?

\_\_\_\_\_

What other products would you like to see in the future?

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