

C. Grab the OctoRam by the board edges and touch the computer power supply case with one hand to discharge any static electricity that may have accumulated on yourself.

With the components facing towards the middle of the motherboard and towards the metal power supply case (opposite of other cards installed in connector slots 1-7), gently insert the gold fingers of the board into the memory expansion slot J20. You may need to gently rock the card forward and back to get it to slide into the connector. Be sure the board is firmly inserted into the connector.

D. Examine your installation to be sure you have the card installed correctly. After you're sure of your work, re-install the computer cover.

The installation of your OctoRam is now complete.

Upgrading your OctoRam

Your OctoRam can be upgraded to other memory configurations with additional memory modules. Using 256K SIMMs, you can upgrade your OctoRam to a maximum of 2 Meg. Using 1 Meg SIMMs, you can upgrade the OctoRam to 8 Meg.

You can have your local MDIdeas dealer install the memory or you can install it yourself. If you decide to install it yourself, be sure you're comfortable with working on your own memory board. If you have any doubts, visit your local dealer or call us for help.

Installing the SIMMs

If you have 256K SIMMs or 1 Meg SIMMs, refer to the Board Configuration figures for where to place your SIMMs and how to set up the jumper blocks to address your particular memory configuration.

With the OctoRam board positioned as shown, find the empty sockets you wish to fill. Take a SIMM and hold it so the chips are facing up and the edge with the metal contacts is facing away from you. Insert the edge of the SIMM with the contacts into the SIMM socket, making sure it is fully inserted in the socket groove. Gently press down the SIMM until it firmly snaps into place. See the SIMM Installing and Removing figures.

You have now installed a SIMM into the OctoRam board. Check to see if you have installed it properly by comparing how it looks to other SIMMs installed on the board.

After all of your SIMMs are installed, you need to configure the board so your computer will recognize the extra memory. Refer to the Board Configuration Diagrams for information on where to place the jumper blocks.

To remove a jumper block, grab it with your fingers or a pair of pliers and pull straight up. Re-install it by placing it over the correct pins and pressing down gently until it is fully seated against the board.

After you have installed all your SIMMs and have placed the jumpers on the correct pins, you need to install your OctoRam in your computer. See the installation instructions in this manual for directions.

Note: Because of the way the Apple IIGS addresses and recognizes memory, you can only upgrade your OctoRam to the eight configurations as shown. If you have questions about upgrading your OctoRam, please contact our technical support staff.

Technical Support

If you have any problems with the OctoRam 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

Phone : (415) 573-0580

Manual by Mark Bain

©1986 by MDIdeas, Inc.

OctoRam™ is a trademark of MDIdeas, Inc.

Apple® and the IIGS™ are registered trademarks of Apple Computer, Inc.

Limited Warranty on OctoRam

MDIdeas, Inc ("MDI") warrants the OctoRam 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 to any other authorized MDI dealer within the country of original retail purchase. (You can obtain additional information from MDI directly at 1163 Triton Drive, Foster City, CA 94404). Please attach your name, address, telephone number, a description of the problem, a return merchandise authorization number (RMA#) from MDI, 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.

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.

MDI IS NOT RESPONSIBLE FOR SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES RESULTING FROM ANY BREACH OF WARRANTY, OR UNDER ANY LEGAL THEORY, INCLUDING LOST PROFITS, DOWNTIME, GOODWILL, DAMAGE TO OR REPLACEMENT OF EQUIPMENT AND PROPERTY, AND ANY COSTS OF RECOVERING, REPROGRAMMING OR REPRODUCING ANY PROGRAM OR DATA STORED IN OR USED WITH MDI PRODUCTS.

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.

OctoRam™

from

MDIdeas, Inc.

STEPHEN FINLAY
"Brigadoon"
234 Seven Hills Road
Baulkham Hills N.S.W. 2153

Introduction

Thank you for purchasing the OctoRam from MDIdeas. Because of its versatility, the OctoRam is the last memory card you will need for your Apple IIGS computer. It is part of a growing line of Apple IIGS products from MDIdeas.

The OctoRam supports many memory configurations with either 256K or 1 Meg Single In-line Memory Modules (SIMMs). These SIMMs make memory upgrading very easy even for the inexperienced computer user.

The OctoRam also supports additional memory boards which piggyback on top of it. These boards include ROM and additional RAM.

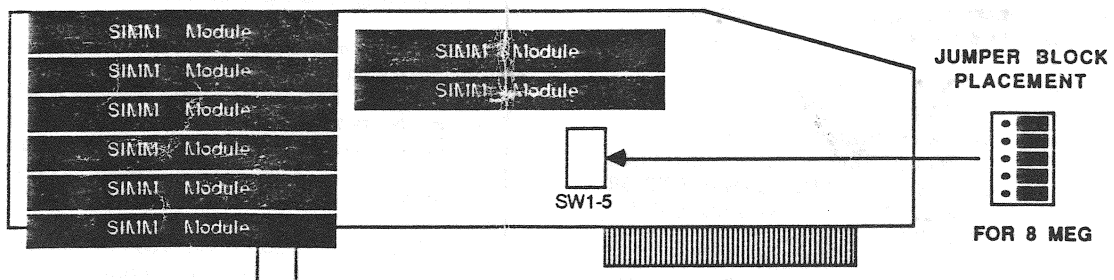
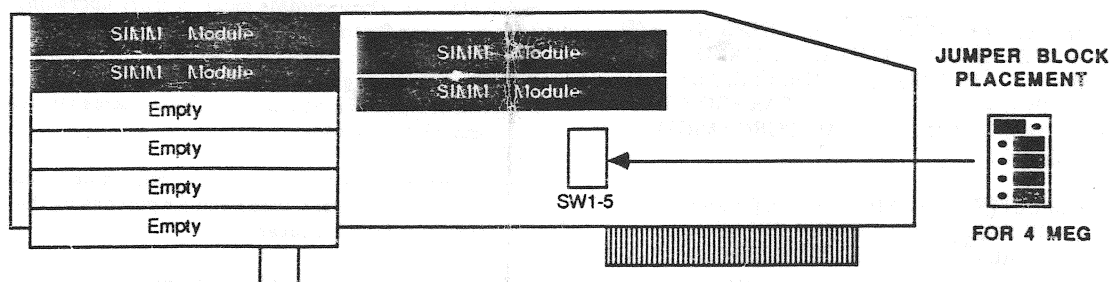
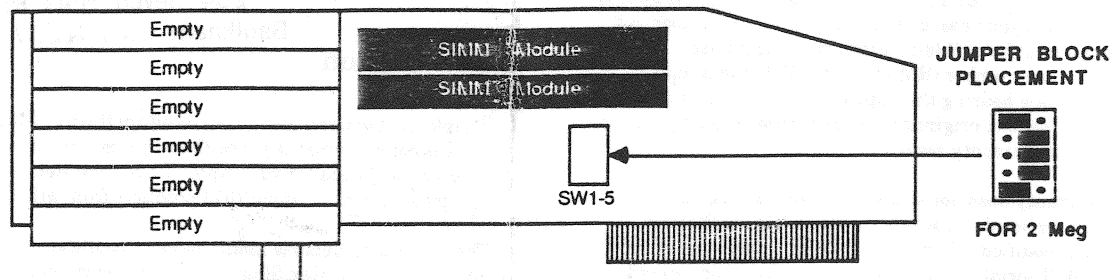
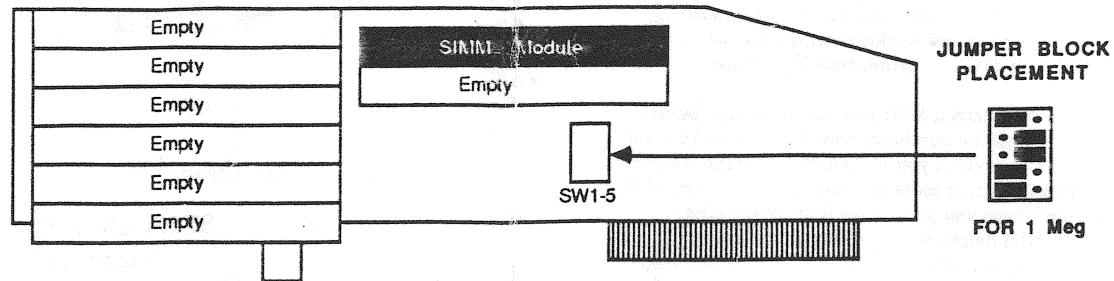
If you have any questions, please contact us for additional information. Again, thank you for purchasing the OctoRam from MDIdeas.

Installing your OctoRam

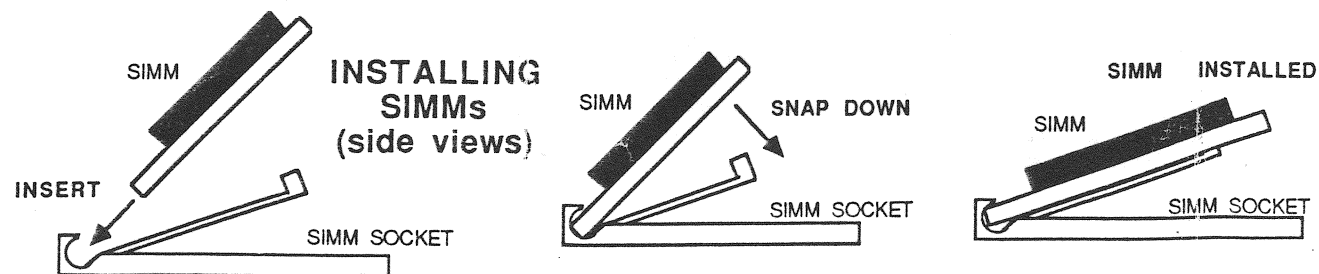
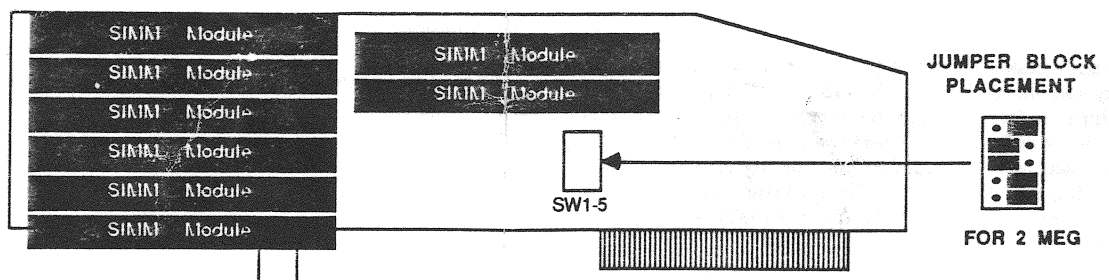
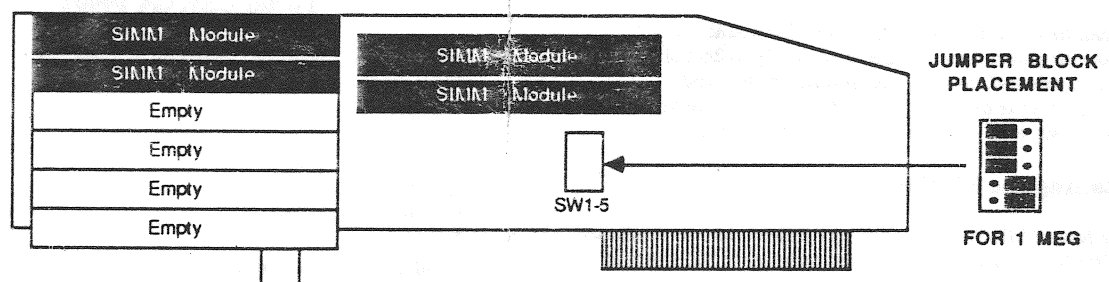
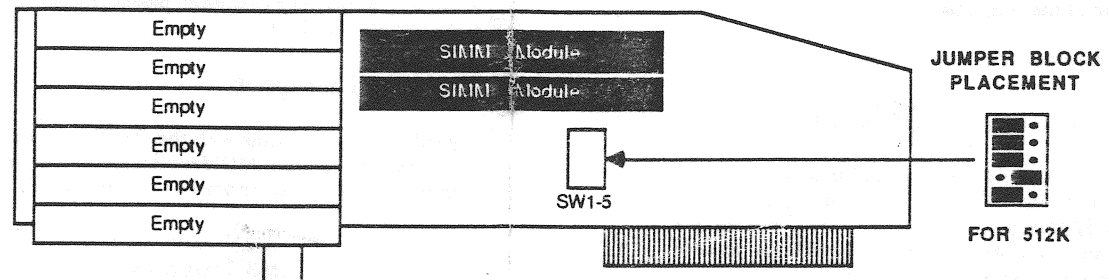
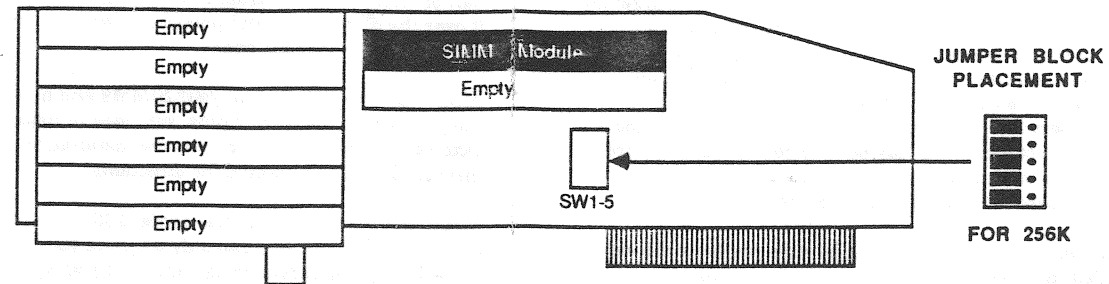
A. Carefully remove your OctoRam from its protective bag and place it on a table to examine the current configuration. Because the card is sensitive to static electricity, try to handle it only by the board edges. You should see between 1 and 8 SIMMs loaded on the board. Look on the enclosed Board Configuration figures to see if the board you received has been configured correctly.

B. Be sure your computer power is off and open up your Apple IIGS computer. Locate on the bottom-left corner of the computer motherboard the memory expansion connector labeled J20. This is where the OctoRam plugs in.

BOARD CONFIGURATIONS for 1 Meg SIMMs



BOARD CONFIGURATIONS for 256K SIMMs



REMOVING SIMMs (top views)

