

Introduction

The VMC (VESA Media Channel) Controller is a small daughter card used to connect your GraftixStar card to additional cards for video in a window, video capture, MPEG playback, and other multimedia functions. With VMC, real-time video data is transferred over a dedicated bus, leaving the your computer free to process other tasks. VMC option cards are connected to the VMC Controller using a ribbon cable supplied with the option card.

Installing the VMC Controller onto your GraftixStar card is a simple operation that should only take a few minutes. Carefully follow the instructions starting on the next page.

The VMC Controller

The VMC Controller can be fitted to all cards in the GraftixStar family (GraftixStar 300, 500 and 700). The VMC Controller daughter card provides all GraftixStar cards with a VMC connector, and provides digital video acceleration and scaling for the GraftixStar 300 card.

VMC Controller with memory

The VMC Controller with memory is available for the GraftixStar 700 card only.

As well as providing you with a VMC connector, this card carries an extra 2 MB of memory, giving your GraftixStar 700 card a total memory of 4 MB. This extra memory increases the number of display modes that can be used with your monitor.

Installing the VMC Controller hardware

To attach the VMC Controller to your GrafixStar card, follow the instructions below:

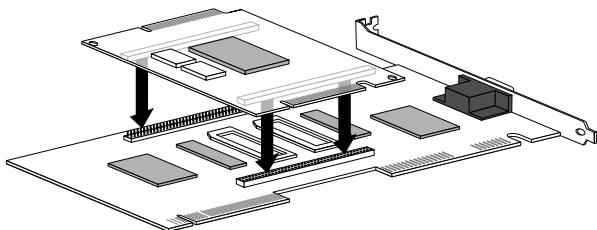
1. Switch off your computer, monitor, and any hardware devices such as printers connected to your computer. Leave the power cable connected to the power outlet so that your computer is grounded.
2. Disconnect the monitor cable from your GrafixStar card.

Warning: Always switch off your computer before removing the cover and observe the warnings specified in the manufacturer's documentation.

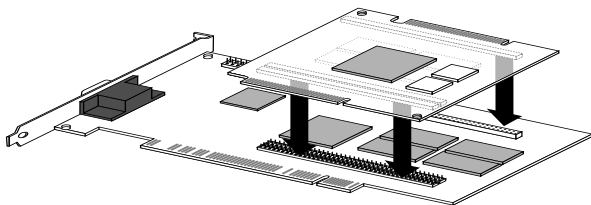
3. Remove the computer's cover. You may need to refer to the documentation supplied with your computer for instructions on how to do this.
4. Carefully remove the GrafixStar card and place it on an anti-static, non-metallic surface, with the components and connectors facing upwards. Keep the screw, you will need it later to secure the GrafixStar - VMC Controller assembly.
5. Touch the bare metal chassis of your computer to discharge any static electricity that may have built up on you or your clothes.
6. Carefully remove VMC Controller from its anti-static bag.
7. Line up the connectors on the VMC Controller card with the connectors on the GrafixStar card as shown in the diagrams on the next page—the connector pins on the VMC Controller card should be aligned with the

connector holes on the GrafixStar card, and vice versa. Make sure that all the pins are correctly aligned and not offset to one side.

Note that the GrafixStar 700 card has two connectors along one side (the bottom of the PCI card or the top of the VL bus card). The outer connector is only used with the VMC Controller with memory; if you are installing a VMC Controller without memory, make sure you line up the holes of the VMC Controller connector with the pins on the inner connector of the GrafixStar 700 card.



Installing VMC Controller on GrafixStar 300 - VLB variant



Installing VMC Controller with memory on GrafixStar 700 - PCI variant

8. Press on the VMC Controller card so that the pins are fully embedded in their holes. You should press firmly, but do not use excessive force.
9. Replace the GrafixStar card in the slot you removed it from. Firmly press the card into the slot. You will need to use some pressure to push the card into position, but do not use excessive force.
10. Secure the GrafixStar card using the screw that you removed previously.
11. Replace the cover of your computer.
12. Reconnect your monitor cable to the GrafixStar card.
13. Switch on your computer and your computer monitor.

Installing the VMC Controller software

Once you have fitted the VMC Controller to your GrafixStar card, you are ready to install the VMC Controller software.

To install the software, carefully follow the installation instructions given below. We assume you are using drive A as your default 3.5" floppy drive. Substitute the correct drive letter for your computer if necessary.

1. Insert the VMC Controller Setup disk into drive A of your computer.
2. Start Windows and choose Run from the File menu in Program Manager. Type **a:\setup** and choose OK.
3. Follow the instructions that appear on the screen.

Once the software has been installed successfully, your GrafixStar card will start to operate with all the extra functions provided by the VMC Controller.

Further information

For further information on VideoLogic products and services, you can contact us at the following addresses:

VideoLogic Inc., 1001 Bayhill Drive, Suite 310, San Bruno,

CA 94066, USA.

Telephone: 415 875 0606 or 800 578 5644.

Fax: 415 875 4167.

VideoLogic Limited, Home Park Estate, Kings Langley, Hertfordshire, WD4 8LZ, UK.

Telephone: +44 1923 260511.

Fax: +44 1923 268969.

Printed in Great Britain

10D62

Draft Edition 16th May 1995

GrafixStar
VMC Controller Upgrade Kit
Installation Guide

