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> [Matrox Millennium G450 DVI Multi-Monitor Graphics Card User Manual](#)

Matrox G45FMLDVA32DB

Matrox Millennium G450 DVI Multi-Monitor Graphics Card User Manual

Model: G45FMLDVA32DB

INTRODUCTION

This manual provides detailed instructions for the installation, operation, maintenance, and troubleshooting of your Matrox Millennium G450 DVI multi-monitor graphics card. Please read this manual thoroughly before installing and using your new graphics card to ensure proper functionality and to prevent damage.

SETUP

System Requirements

- **Compatible Devices:** Desktop PC with an available AGP slot.
- **Operating System:** Refer to Matrox's official website for supported operating systems and driver availability.
- **Power Supply:** Ensure your system's power supply meets the minimum requirements for all installed components.

Hardware Installation

1. **Power Off and Disconnect:** Before beginning, power off your computer and disconnect all power cables and peripherals.
2. **Open Computer Case:** Remove the side panel of your computer case to access the motherboard.
3. **Locate AGP Slot:** Identify an available AGP slot on your motherboard. If replacing an existing graphics card, carefully remove it.
4. **Insert Graphics Card:** Align the Matrox Millennium G450 DVI card with the AGP slot and press firmly until it is securely seated. Ensure the retention clip (if present) engages.
5. **Secure Card:** Use a screw to secure the graphics card's bracket to the computer case.
6. **Close Case and Reconnect:** Replace the computer case side panel, reconnect all power cables and peripherals, and connect your display(s) to the DVI output ports on the graphics card.

Driver Installation

After hardware installation, power on your computer. The operating system may detect new hardware. Install the latest drivers from the official Matrox website (www.matrox.com/graphics/en/support/drivers/) for optimal performance and

stability. Follow the on-screen instructions provided by the driver installer.

OPERATING

Connecting Displays

The Matrox Millennium G450 DVI card supports multiple displays. Connect your DVI-compatible monitors to the available DVI ports on the graphics card. Ensure cables are securely fastened.

Configuring Multi-Monitor Settings

Once drivers are installed, you can configure your display settings through your operating system's display control panel or the Matrox PowerDesk software (if installed). Common configurations include:

- **Extended Desktop:** Expands your desktop across multiple monitors, providing more screen space.
- **Cloned/Mirrored Desktop:** Displays the same content on all connected monitors.
- **Primary Display Selection:** Designate one monitor as the main display.

Refer to your operating system's documentation or the Matrox PowerDesk user guide for detailed instructions on configuring these settings.

MAINTENANCE

General Care

- **Dust Removal:** Periodically clean dust from the graphics card's heatsink and fan (if present) using compressed air. Ensure the computer is powered off and unplugged before cleaning.
- **Ventilation:** Ensure your computer case has adequate airflow to prevent overheating.

Driver Updates

Regularly check the official Matrox website for updated drivers. Keeping your drivers current can improve performance, stability, and compatibility with new software and operating system updates.

TROUBLESHOOTING

- **No Display Output:**
 - Ensure the monitor is powered on and connected securely to the graphics card.
 - Verify the monitor input source is correctly selected.
 - Check if the graphics card is fully seated in the AGP slot.
 - Test with a different monitor or cable if possible.
- **Driver Installation Issues:**
 - Download drivers only from the official Matrox website.
 - Uninstall any previous graphics drivers before installing new ones.
 - Ensure your operating system is compatible with the driver version.
- **Display Artifacts or Instability:**
 - Ensure the graphics card is not overheating. Check for proper ventilation.
 - Update to the latest drivers.
 - Reduce display resolution or refresh rate to see if the issue persists.

If problems persist, consult the Matrox support website or contact their technical support.

SPECIFICATIONS

Feature	Detail
Brand	Matrox
Model Number	G45FMLDVA32DB
Graphics Processor	MGA G450
Graphics RAM Size	32 MB
Video Output Interface	DVI
Compatible Devices	Desktop
Item Weight	1 pounds
ASIN	B0000AT026

WARRANTY AND SUPPORT

Matrox products are typically covered by a limited warranty. For specific warranty terms and conditions, please refer to the documentation included with your product or visit the official Matrox website. For technical support, driver downloads, and frequently asked questions, please visit the Matrox support portal:

www.matrox.com/graphics/en/support/

When contacting support, please have your product model number (G45FMLDVA32DB) and purchase information readily available.

