

NOTE: This is a replica of original Matrox press release. The original press release may have been removed from Matrox website since then and some of the website links in this document may be outdated.



## **Matrox Parhelia™ hailed "Best Graphics Board" for image quality by DisplayMate® Technologies**

Parhelia™ graphics card sweeps three categories for pristine analog, multi-monitor and digital display quality

**Montreal, Canada, October 10th, 2002** — Matrox Graphics Inc., the leading manufacturer of professional graphics solutions, is proud to announce that its latest graphics card, the Matrox Parhelia™, has won three prestigious Best Video Hardware Guide™ awards from DisplayMate® Technologies Corporation. Awarded for Matrox's outstanding CRT analog output, multiple monitor analog outputs and digital DVI outputs, Parhelia was handpicked by DisplayMate Technologies, to represent the best graphics card for brilliant image quality and signal source.

*"Matrox has a well-known reputation for graphics boards that produce outstanding image and picture quality. The Parhelia continues that tradition with exceptional performance, even at the very highest 2048 x 1536 resolutions. Sharpness, color and gray-scale accuracy were nearly perfect, with the Matrox Parhelia providing the very best image quality available,"* says Dr. Raymond Soneira, president of DisplayMate Technologies. *"After extensive testing, we awarded Matrox three DisplayMate Best Video Hardware Guide awards. The Parhelia performed superbly well in the categories of CRT analog output, multiple monitor analog outputs and digital DVI outputs. As a result, DisplayMate recommends the Matrox Parhelia as a Reference Standard for graphics card performance."*

This sweeping acclaim for Matrox Parhelia by DisplayMate Technologies reaffirms Matrox's long-standing tradition of providing unparalleled image quality that has become a standard for comparing CRT monitors, whether by editors reviewing displays, or by monitor manufacturers for their internal testing.

*"PC Magazine Labs has been using Matrox graphics cards when testing monitors for several years,"* says Nick Stam, director, PC Magazine Labs. *"We rely on the high-quality video output generated by Matrox cards when comparing displays."*

The worldwide leader in video diagnostics, DisplayMate Technologies uses their recognized expertise in evaluating image quality for a variety of devices and peripherals, including displays and graphics cards. For graphics cards, specific attention is given to the quality of the output signal, which is one of the most important factors in determining the quality of the displayed colors on the screen. DisplayMate tools are used by over 150 publications in 45 countries for editorial testing and reviewing of video hardware.

Recognized throughout the industry for producing graphics cards with superb image quality and top-notch output signals, Matrox continues its tradition of graphics excellence with the Matrox Parhelia graphics card. Equipped with dual 10-bit gamma correctable RAMDACs, Parhelia employs advanced electronics and fifth-order filters, ensuring that signal quality is maintained at the highest frequency desktop settings, for flicker-free, ultra-crisp RGB, DVI and TV monitors.

In addition, the feature-packed Parhelia card provides users with the widest variety of display output options on the market. Users can choose from various combinations of RGB, DVI and TV displays with Matrox's unique DualHead®-HF feature, the first fully-symmetric multi-display support from a single graphics chip, capable of independently displaying dual analog outputs at 2048 x 1536, or dual digital outputs at 1600 x 1200 with independent gamma-correctable hardware overlays. And now, for the first time, users can power three displays from a single chip, with Matrox's TripleHead feature. TripleHead provides the ultimate in onscreen real estate, stretching a desktop across three displays to a maximum resolution of 3840 x 1024.

*"We are extremely proud to have received these esteemed awards from DisplayMate Technologies,"* says Dan Wood, vice president of technical marketing, Matrox Graphics Inc. *"Being named in the Best Video Hardware Guide by DisplayMate further confirms that Parhelia offers the best image quality and multi-monitor support on the market today."*

**About Matrox Graphics Inc.**

Matrox Graphics Inc, the leading manufacturer of professional graphics solutions, has been delivering high-quality, innovative 2D/3D and video graphics accelerators for more than a quarter century. Pioneer of the trend-setting DualHead® technology, Matrox is a graphics chip designer and board manufacturer whose products have been awarded over 1,000 times worldwide for their superior image quality, practical ingenuity and unwavering stability. In July 2002, Matrox was elected as a voting member of the OpenGL® Architecture Review Board (ARB). A privately held company headquartered in Montreal, Canada, Matrox has international offices in the United States, the United Kingdom, Ireland, France, Germany, Italy, Hong Kong, and Taiwan. Information on Matrox products, drivers, technical support and more can be found at: [www.matrox.com/mga](http://www.matrox.com/mga).

Matrox Graphics Inc. and Matrox are registered trademarks or trademarks of Matrox Graphics Inc. and/or Matrox Electronic Systems Ltd. Other company, product and service names and/or logos indicated above may be trademarks or service marks of such other companies.