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Announcing new Matrox ASM for multi-board and multi-system display synchronization

Offering cutting-edge genlock support for Matrox graphics cards used in post-production studios, broadcast control rooms and video walls

Las Vegas, Nevada, NAB 2004, April 19th, 2004 — Matrox Graphics Inc., the leading manufacturer of professional graphics solutions, today announced the Matrox ASM, an advanced synchronization module offering a host of unique features designed to ensure the synchronization of workstations equipped with Matrox graphics cards. This powerful device delivers much needed genlock support in order to synchronize the multiple output connections of Matrox multi-display graphics boards with video equipment employed in post production and control room environments.

Since the large number of displays used in video walls often necessitate the use of more than one graphics card, the Matrox ASM can support multiple graphics boards, multiple systems, or a combination of multi-board systems to create a virtual display, synchronizing internal clocks and frame swaps. This provides much needed fluidity of graphics, text and effects, while ensuring high fidelity image quality, free of any pixel ghosting, shadowing or display artifacts.

"The Matrox ASM is the perfect solution for broadcast control rooms and post production studios, where every piece of equipment must be in lockstep with every other in order to ensure that live switching and titling, are synchronized," says Caroline Injoyan, product manager, Matrox Graphics Inc. "The ASM brings powerful synchronization capabilities to our industry leading multi-display graphics cards, ensuring that redraws occur in sync and providing frame-locking abilities essential in video walls."

This standalone single-slot PCI board offers an array of synchronization options ranging from a multitude of external synchronization signals, also known as 'genlock' signals or 'house syncs', to generating sync signals on-board. It can control up to four Matrox display controllers in one PC, genlocking the multiple output connections to an external signal generated, for example, via a black burst device.

The Matrox ASM's robust display drivers ensure that buffer swaps are synchronized across boards, and even across systems, for applications that support distributed rendering and currently offer support for Microsoft® Windows® 2000 and Windows® XP.

Where to buy

Please contact Matrox sales directly for more information at 1-800-361-1408 or insales@matrox.com.

About Matrox Graphics

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. A privately held company headquartered in Montreal, Canada, Matrox has international offices in the United States, the United Kingdom, Ireland, France, Germany, Italy, and Hong Kong. Information on Matrox products, drivers, technical support and more can be found at: www.matrox.com/mga.

¹Supported Matrox display controllers include the Parhelia™ 256 MB AGP, Parhelia 256 MB PCI, Matrox Parhelia HR256, Parhelia Precision SGT, and QID Pro.