

LEIGHTRONIX, INC.

CONTROL PRODUCTS

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LEIGHTRONIX Unveils Specialized Automation Controller at NAB 2005

All-in-one NEXUS to include a multi-channel video server, machine control, and switching

Holt, MI - February 17, 2005 - LEIGHTRONIX will introduce a new specialized automation solution at NAB 2005, at the Las Vegas Convention Center, April 18-21, booth SU11223. The new device, the NEXUS, is an all-in-one solution for local cable/broadcast television operations that require digital playback capabilities while maintaining support for legacy equipment.

The NEXUS provides multi-channel digital video playback and recording, digital messaging/signage, DVD/VCR machine control, and video/audio signal routing. The combination of these features in one device dramatically decreases overall system cost when compared to the cost of implementing individual system components to achieve the same system functionality.

“The NEXUS is the ideal television automation solution for local broadcast, cable, and private in-house operations,” said Jeff Possanza, Sales Manager for LEIGHTRONIX. “The NEXUS has been designed from the ground up to provide the functionality our customers have been asking for, at a price they can afford.”

The NEXUS operates as a stand-alone device and is managed via network using provided WinNEXUS software. A built-in, high-speed Ethernet port and simplified front panel setup allow for quick and easy connection to a local or wide area network (LAN or WAN) or the Internet.

WinNEXUS software provides all of the tools necessary for managing one or many NEXUS sites. A media resource library allows entry management and scheduling of digital, videotape, and DVD programming. Drag and drop scheduling makes for quick and easy playlist development, while device and resource conflict identification ensure error-free playback results. The immediate control panel provides access to all NEXUS functions, including digital video playback/recording, device control, messaging, switching, and activation/deactivation of schedules.

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The NEXUS is fully self-contained as a digital recorder/player with an internal MPEG-2 real-time encoder that captures full resolution D1 video and CD-quality audio. Dual digital decoders play back full-motion MPEG-2 video and JPEG stills in the form of a messaging slide show.

The MPEG decoders and encoder share external hard drive storage via four USB 2.0 ports. A high-speed Ethernet port allows program files to be off-loaded from the NEXUS for archive or backup. The Ethernet port also allows MPEG-2 files output from other sources, such as a non-linear system, to be loaded into the NEXUS.

Device control is also included in the NEXUS, providing support for a wide range of VCRs and DVD players and recorders. Four infrared device control ports are included with the NEXUS and provide basic control for VCRs and DVD players. PRO-BUS device interfaces are also supported to provide additional VCR/DVD player control for a wider range of equipment, such as infrared, wired remotes, and serial RS-422 controlled machines. Two specialized DVply control ports provide advanced control for select commercial DVD players with random disc access and control over specific title:chapter playback.

An internal true-matrix video/audio switcher allows management of external signal sources to include controlled playback devices (VCR/DVD), satellite feeds, and studio feeds. Incoming signals can be routed to any of the three outputs for broadcast or to the internal digital encoder for recording.

About LEIGHTRONIX, INC.

The LEIGHTRONIX line of control products has been widely used in commercial video applications for more than 20 years, providing playback automation and remote equipment control. Clients include a wide range of corporate/industry, medical, educational, and government/military installations as well as local cable and broadcast television operations. In addition to the standard product line, LEIGHTRONIX also develops custom system control solutions. For more information, please visit www.leightronix.com.

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