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STUDIO TECHNOLOGIES SHOWCASES NEW 5100-SERIES MODULES AT INFOCOMM 2012

Units Include Support for SDI Video Generation and Intercom Interfacing

LAS VEGAS, 13 JUNE 2012 – **Studio Technologies**, the manufacturer of tailored, high-performance video, audio and fiber-optic products for the professional audio, installation and broadcast markets, showcases prototypes of four new products soon to be included in its **5100-Series** of broadcast support modules at InfoComm 2012 (Booth C5950). These new units include the **Model 5150 Video Generator**, **Model 5152 Video Generator with Audio Embedding**, **Model 5162 Video Generator with Audio De-Embedding** and **Model 5140 Intercom Interface**. All units enhance production and delivery options for the education, corporate, worship and broadcast markets.

“The unique aspect of the new video-based products is the ability to store and output a custom high-definition video image at HD-SDI and 3G-SDI rates,” says Gordon Kapes, president of Studio Technologies. “The image, based on a bit-map (BMP) file typically created using a personal computer’s graphics program, is loaded into the modules via a standard USB flash drive memory stick. The image is automatically connected to electrical and optional optical SDI

outputs whenever an SDI input signal is not present. This ensures that an SDI output signal is always sent to equipment further along the signal chain. This can be extremely useful, serving both as a ‘keep alive’ signal as well as providing a detailed graphics image for identification purposes.”

The Model 5152, in addition to the Model 5150’s video generation capability, allows four stereo digital audio signals to be embedded into the SDI signal. The eight channels of audio will always be embedded, whether or not an external SDI source is present. The Model 5162 includes video generation as well as de-embedding audio from an incoming SDI signal. The module also provides four stereo digital audio output signals.



(more)

The new Model 5140 Intercom Interface will also be displayed. Its unique capabilities provide a unified connection interface for both party-line (PL) and 4-wire (line level) intercom systems, offering a reliable and easy-to-use I/O panel for remote broadcast and infrastructure applications. The Model 5140 was specifically designed to allow "guest" users, including media crews, production or uplink trucks, and temporary equipment, to be quickly and efficiently linked to ports on a host intercom system.

Two input and two output signals, either analog or digital, are typically connected to ports on a facility's matrix intercom or fiber-optic-based signal transport system. The Model 5140 contains a 4-wire to 2-wire converter and intercom power supply circuitry to provide a 2-channel broadcast-standard party-line intercom interface. This allows users to directly connect PL beltpack devices, as well as interconnection with existing party-line circuits. Two sophisticated auto-null circuits provide excellent audio performance. The Model 5140 also contains two analog 4-wire (line level) inputs and outputs on standard 3-pin XLR connectors. These are provided so that ports on a "guest" intercom system can be directly connected, as well as being compatible with a wide-variety of application-specific equipment. Status indicators and audio level meters help to ensure that optimal performance is maintained.

"All the 5100-Series modules require only a source of 12-volt power for operation and can be mounted in a variety of custom enclosures," adds Kapes. "The modules should find use in applications including remote sports and entertainment broadcasting, stadium and arena input/output locations and corporate video infrastructure environments. They are designed for standalone use, as well as for connecting directly with other 5100-Series modules for video transport, audio input, audio output, IFB and intercom applications."

About Studio Technologies, Inc.

Studio Technologies, Inc. provides tailored, high-performance video, audio, and fiber-optic products for the professional audio and broadcast markets. The company was founded in 1978 with a commitment to design and manufacture dependable, individualized solutions for broadcast studio, stadium, and corporate environments. Known for "designing for the way professionals work," the company is recognized as an industry leader that has never wavered from its individualized design pledge. Product categories include fiber-optic transport, broadcast support, mobile broadcast, intercom and IFB, announcer consoles, loudspeaker monitor control systems, distribution amplifiers, cable testers, and sound pressure level monitor systems. For more information, please visit the Studio Technologies Web site at www.studio-tech.com or call 1-847-676-9177.

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