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STUDIO TECHNOLOGIES INTRODUCES NEW 5100-SERIES MODULES TO EUROPEAN MARKET AT IBC 2012

Units Include Support for SDI Video Generation and Intercom Interfacing

AMSTERDAM, 7 SEPTEMBER 2012 – Studio Technologies, the manufacturer of tailored, high-performance video, audio and fiber optic products for the professional audio and broadcast markets, debuts four new **5100-Series** broadcast support modules at IBC 2012 (Stand 8.E72). These new units include the **Model 5150 Video Generator**, **Model 5152 Video Generator/Audio Embedder**, **Model 5162 Video Generator/Audio De-Embedder** and **Model 5140 Intercom Interface**.

“The unique aspect of our 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 as a ‘keep alive’ signal as well as providing a detailed graphics image for identification purposes.”

In addition to Model 5150’s video generation capability, Model 5152 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 provides four stereo digital audio output signals.

Model 5140 Intercom Interface will also be displayed at IBC 2012. Its unique capabilities provide a unified connection interface for 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. Model 5140 was specifically designed to allow “guest” users, including media crews, OB vans or uplink trucks and temporary equipment to be quickly and efficiently linked to ports on a host intercom system.



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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. 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 belt-pack 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 are ideal in applications such as remote sports and entertainment broadcasting, stadium or arena input/output locations and corporate video infrastructure environments. They are designed for standalone use and can connect 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 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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