

New Products

Production and Post-Production

Sonosax has announced an advanced version of its **SX-S Series line of portable, self-contained mixing consoles**, designed for motion-picture and television sound production. The series features advanced ergonomics, improved gain structure with more front-end head room, quieter operation, and input modules switchable between standard and mute modes. The Film/Intercom Module accessory installs in place of two input modules, providing ultra-high quality metering, remote tape machine start/stop, integral private intercom, and advanced auto-slating system.

Signal Processing/ Transmission Equipment

Physical Optics Corp. introduced the **Fiber View POC100**, a video link system that transmits one NTSC RS-170 video signal from a camera to a remote location via fiber-optic cable. Designed primarily for process control, security, and surveillance applications, the system consists of one transmitter and one receiver and uses highly linear amplitude modulation with automatic gain control circuitry to provide adjustment-free transmission of the video signal. This single-channel fiber-optic video transmission system eliminates EMI, RFI, and ground loop problems typically associated with coaxial cable transmission. The system is LED-based (850 nm) and can extend the transmission range of a video signal up to one mile. Features



The SX-S series mixer from Sonosax USA (breakout box attached).

include an SNR greater than 50 dB, a robust bandwidth from 2 Hz to 10 MHz, ST-type optical connectors, and BNC electrical connectors. Two-color LED status indicators enable the user to monitor activity.

Leitch Technology Corp. has introduced several video and audio distribution amplifiers and compatible frames. The **VCM-6801 serial component monitoring distribution amplifiers** combine the functions of equalizing, reclocking serial DAs and 4:2:2-to-component analog video converters on single DA-sized cards. The component analog outputs permit monitoring of 270 Mbit/sec signals, and an indicator light and an internal flywheel will maintain the sync outputs. The **VDA-683 8-output video distribution amplifiers** can handle anything from nominally 0.7 volts peak-to-peak (Vp-p) noncomposite video to 2 Vp-p subcarrier. Features of the

VDA-6830 video remote gain amplifiers include differential input, AC coupling, and a 30-MHz bandwidth. The **VRG-683 video remote gain amplifiers** have continuous adjustment of video gain over a range of ± 6 dB and a chroma gain over a range of ± 3 dB; they also feature differential input, six outputs, cable equalization of up to 300 m and a bandwidth of 30 MHz.

Among the video DA frames now available from Leitch are the **FR-683/684 mounting frames**, which feature fold-down front panels and full sets of BNC connectors mounted to the rear panels. Outputs are provided with BNC connectors to simplify signal distribution and processing such as clamping, equalization, clipping, remote gain, and delay. These frames accept any type of 680 series video distribution amplifiers in any slot. The **ADM/ASM series of embedded audio monitoring serial distribution amplifiers** function as full-serial distribution amplifiers providing four equalized and reclocked serial outputs. Other features include audio demultiplexing for up to four channels of audio, 18-bit analog audio outputs, independent channel swapping for main and monitor outputs, and muting during upstream video switching or audio data corruption.

Support

tesa tape, inc., has introduced the **tesa 53949 EconoMatte tape**, a cloth tape for the audio/visual and photography industries that won't leave an adhesive residue on expensive equipment when it's removed. Designed for marking, bundling, stage blocking and spiking, creating light patterns, and holding cables and cords securely to the floor, the tape has easy unwind and good tearability, making application quick and accurate, and the matte finish won't reflect light. tesa 53949 is available in black in 1-in., 2-in., and 3-in. widths.

For further information regarding the new products and developments listed in this section, contact the companies directly at the addresses listed below:

Leitch Inc., 920 Corporate Ln., Chesapeake, VA 23320, (804) 548-2300; Fax: (804) 548-4088

Physical Optics Corp., 2545 W. 237th St., Torrance, CA 90505, (310) 530-1416, (800) 214-0222; Fax: (310) 530-5958

Sonosax USA, Inc., 5417 Cahuenga Blvd., N. Hollywood, CA 91601, (818) 766-3137; Fax: (818) 766-2859

tesa tape, inc., 5825 Carnegie Blvd., Charlotte, NC 28209, (704) 554-0707; Fax: (704) 553-5634

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