

New Products

Broadcast Products

A. F. Associates, Inc., has announced new products developed specifically for broadcasters. The **MDL-1A multichannel DTMF logger** enables convenient and effective monitoring and logging of DTMF tones and contact closures employed in multiple channel automation systems. Up to 40 channels and 40 GPI inputs can be monitored continuously, and all events logged simultaneously on different channels. The MDL-1A also aids in system setup and testing with internal audio routers and one internal mixer for audible indications of DTMF tones. The units can be stacked for additional channels. The **COS-1A 2 x 2 video/audio changeover switch** is used in conjunction with redundant incoming feeds. It facilitates the switchover from a malfunctioning to an operational feed. The COS-1A features several operational cards including a video detection card and an internal dual 4 x 4 audio crosspoint board for reassignment of audio channels. The unit can also be used to switch between diverse outgoing paths. The **RGP-2A remote GPI panel** provides a control interface for

up to eight pieces of equipment and offers a communications option between GPI panels. It features an eight-character red LED dot matrix for each key adjustable to seven levels of brightness. Output features include individual key control of respective GPI output with many output functions capable of being individually programmed. Tally/input GPI features include the ability of key LEDs to function as tallies controlled by respective GPI input of channels. The panel also has the capability to remotely control another RGP-2A via a RS-422 serial port with tally feedback to the master.

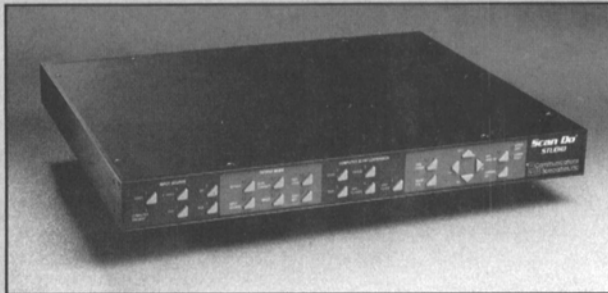
Converter

Communications Specialties, Inc., has announced the **Scan Do Studio**, an all-in-one professional level video scan converter with internal chroma keyer. Designed for professional and studio video production applications, Scan Do Studio can be used in an upstream or downstream keying mode or as a stand-alone high-performance computer video scan converter. The key color is selected from any color on the computer input;

computer resolutions up to 1280 x 1024 are supported; program video inputs and outputs can be either composite, S-video, component, or SDI. Features include variable keying window and user selectable key color, studio timeable genlock and anti-flicker, and vertical aliasing filters.

Disk Recorder

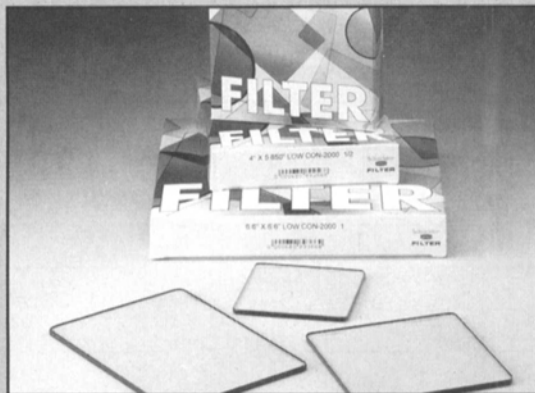
DVS Digital Video, Inc., has announced the **ProntoVision 2000** disk recorder. Successor of the ProntoVision, the ProntoVision 2000 is smaller, more powerful, and allows realtime I/O and storage of uncompressed HDTV material. Built-in video disks hold up to an hour of video and audio material, while longer recording times can easily be achieved with additional external disk arrays. ProntoVision 2000 supports the common HDTV rasters: 1035i/1080i, 720p, 1080p/24, 1080p/30 and 1080sF/24. The realtime color space converter also allows for data storage in YUV/4:2:2 and RGB/4:4:4. The input and output can also be in YUV and RGB, independent of the storage format.



The Scan Do Studio from Communications Specialties, Inc.



The Christie Prodigy series of projectors



Schneider Optics' LowCon 2000 filters



The msi2080 8VSB reference receiver from Modulation Sciences

Filters

Schneider Optics, Inc., has announced the availability of its optical glass **LowCon 2000** filters. The filters reduce contrast and permit light to bleed into shadow areas, while desaturating colors and creating mood in nature scenes. Filters are available in 4 x 4, 4 x 5.650, and 6.6 x 6.6, in strengths of 1/8, 1/4, 1/2, 1, and 2. They can be used in front of the longest lenses, singly, or in combination with other Schneider filters.

Lens Control System

Electronic Systems Integration, Inc., has introduced the **Model 280** pan/tilt lens control system featuring video preview and sync distribution. Four RS-422 connectors are located at the back of the unit to interface with each of the four remote camera sites. Also located in the back is a 9-pin D-connector that provides RS-232 serial interface for computer input/output. A 6-pin mini-DIN connector provides a remote CCU interface for a select number of cameras. Pan/tilt lens control reversal is achieved as a result of the highly accessible set-up switch in the back of the Model 280. The digital interface to the ESI DPT 115 pan/tilt head allows a variety of camera/lens combinations to be easily controlled.

Minidisc Recorder

HHB Communications has announced the **Portadisc** minidisc portable recorder. The Portadisc records on standard minidiscs and uses the latest Atrac recording algorithm to ensure optimum sound quality. Performance is further enhanced by high-quality balanced microphone input circuits, which feature switchable phantom power and limiting that can be stereo linked. Eighty minutes of continuous stereo recording is possible on an HHB MD80 disc, or 160 minutes in mono.

Monitoring System

Logic Innovations has announced the **MM-1000** MPEG monitoring system. The system provides continuous realtime monitoring with hundreds of monitoring points in the signal chain, enabling virtually instantaneous fault isolation. A key feature is its graphical user interface, which is an easy to use Java application capable of running on almost any user OS platform, providing users with complete platform independence.

Projectors

Christie Inc. has announced the release of three new digital projectors. The **Prodigi 420** was designed and built for applica-

tions where stunning cinematic video display is required. A full complement of high-quality lenses coupled with power zoom, focus, and offset, assure total flexibility and ease of operation and maintenance. Light output of 3,500 ANSI lumens, at a contrast ratio of 400:1 and XGA resolution (1024 x 768), provides over 90% brightness uniformity. The **Prodigi 600** offers the same features and functionality of the Prodigi 420, with added benefit of its increased light output of 5,000 ANSI lumens. The **Prodigi S Class** is designed to meet the rigorous demands of venues that call for ultra-high brightness and ultra-high resolution in an easy to use system. Based on 1280 x 1024 SXGA DMD resolution, with a 500:1 contrast ratio and light output of 12,000 ANSI lumens, the Prodigi S Class delivers the highest light output efficiency at the lowest power consumption.

Receiver

Modulation Sciences, Inc. has introduced the **msi2080** 8VSB reference receiver. The msi2080 incorporates a NxtWave decoder featuring the latest developments in 8VSB technology to provide realtime video, stereo, and audio and a wide range of signal parameters to help broadcasters maintain the highest levels of DTV signal integrity on-air. Features include realtime pictures and parameter readings, realtime and virtual constellation displays, equalizer tap-weight display, and Reed-Solomon and Trellis signal-to-noise readings.

Videocassettes

Quantegy has introduced its **BSP Betacam SP** videocassettes, which feature ultra-fine metal particles and a dimensionally stabilized polyester backing to prevent skew errors and maintain low dropout rates. The videocassettes also feature comprehensive, quality

assurance test plans, including full-width laser scanning, realtime video dropout testing, and a patent pending single strand optical scanning system. Laser scanning inspection of the coated web and individual strands help maintain surface uniformity and ensure consistent product quality.

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