

New Products

Adapter

Trompeter Electronics has announced a new BNC-to-WECO patch adapter designed for HDTV applications. **ADIWD** is used for testing or with cable assemblies with BNC plugs and accommodates frequencies through 3 GHz. The performance of the new ADIWD enhances the return loss characteristics at 2.25 GHz by almost 2 dB to -17.3 dB.

Audio Authoring Tool

Dolby Laboratories has introduced the **DP570 multichannel audio tool**. The unit allows users to create metadata for multichannel audio programs and monitor its effects without requiring any external encoders or decoders. The DP570 accepts up to eight channels of PCM audio, then feeds the audio accompanied by a separate metadata bitstream to a Dolby DP571 Dolby E encoder for further distribution, or directly to a DP569 Dolby digital encoder for transmission to the consumer. Additional features of the DP570 include multiple speaker selection, audio channel routing, separate inputs for Dolby Surround Pro Logic decoding, and a 5.1-channel monitor configuration.

Camera/Equipment

Philips Digital Networks has introduced the **LDK6000**, a third-generation 2/3-in. CCD HDTV camera system, which supports 1080i and 720p as native formats. The camera's CCD sensors enable production

of native pictures in interlaced or progressive formats, unaffected by format-conversion related artifacts. The Triax-HD system transmits HD video easily across 3000 ft, using standard SDTV triax cable.

Radamec Broadcast Systems Ltd. has announced the introduction of a new **trackcam system**, featuring curved and lattice type tracks that eliminate vibration and allow for broadcast-quality camera movement. The system supports camera and lens packages up to 110 lbs and integrates with existing Radamec control systems.

Chemical Kit

Eastman Kodak Co., Professional Imaging division has announced a new premixed chemical kit for processing and developing color motion picture print films. The Kodak **ECP-2B Kit Chemistry** is designed to provide consistent chemical mixes for film laboratories that provide printing services. The new kit, designed for use with Kodak Vision color print films, reduces human errors during mixing of chemicals and boosts productivity.

Demodulator

Videotek has announced the **DDM-500 8VSB demodulator**. The DDM-500 demodulates an 8VSB off-air signal to SMPTE 310M serial and synchronous parallel LVDS transport streams. DVB/ASI output is optional. Transport stream data is used for retransmission or bit stream analysis. Control of the DDM-500 can be

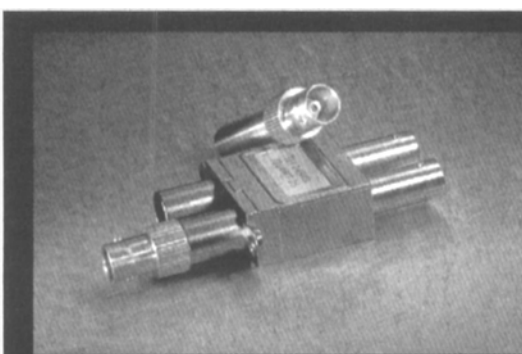
achieved through the front panel or external communications remote control through the RS-232/RS-422/RS-485 serial port. Front panel LEDs display the current channel number, the SNR/SER, and lock or error conditions for the signal received.

Film

Eastman Kodak Co. has introduced a new **black-and-white motion picture print film** designed to provide filmmakers with improved performance and reliability. Kodak black-and-white print film SO-302 has an Estar base and is available in 16- and 35mm formats in 1000- and 2000-ft rolls. Lengths of 4000 and 6000 ft are available as special orders.

Filters

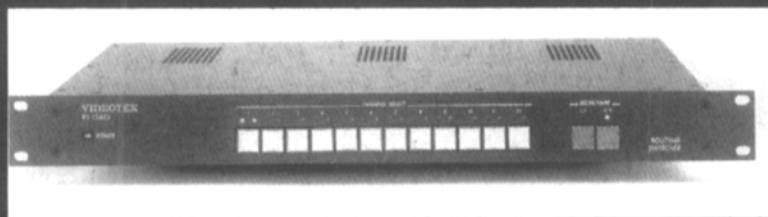
Schneider Optics, Inc., has announced the availability of a new line of **Black Frost diffusion filters**. Black Frost filters absorb light, flare highlights, mute colors, and tone down contrast, while retaining rich blacks. This combination of effects can be used for 16 and 35mm film, as well as HD and standard video. Schneider Optics has also announced its new line of **White Frost filters**. These filters are primarily image styling or mood-modifying tools, designed for 35 and 16mm film, as well as for HD and standard video. Filters subtly flare highlights and slightly tone down contrast, while having no effect on image resolution or color reproduction. They are available in 4x4, 4x5.650 and 6.6x6.6, in strengths of 1/8, 1/4, 1/2, 1, and 2.



ADIWD BNC to WECO adapter from Trompeter Electronics.



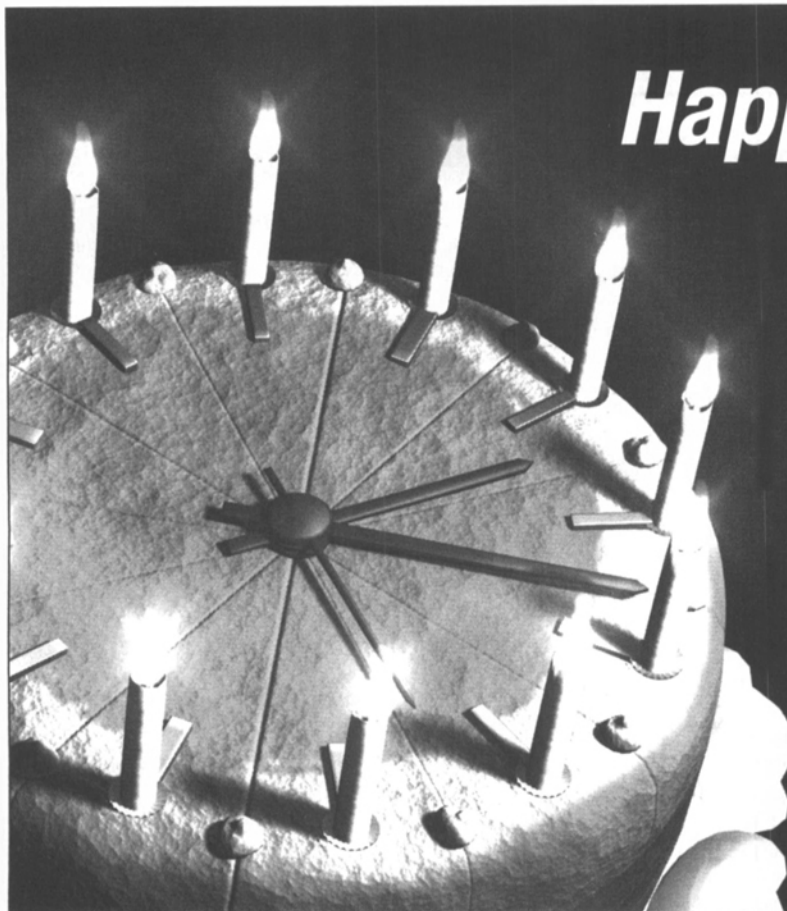
DDM-500 8VSB demodulator from Videotek.



RS-12AES digital audio routing switchers from Videotek.



White Frost Filters from Schneider Optics.



Happy birthday Timecode

Well done SMPTE – thank you for
25 years worldwide timecode standard.

All the best for the future wishes
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Signal Generator

SnytheSys Research Inc. has introduced a new **HDTV test pattern signal**. This generator produces multiple-source-format signals defined in the SMPTE 292M specification including: 1080i/30, 1035i/30, 1080i/25, 720p/60, 1080p/30, 1080p/24, and 1080p/25. It also produces 32 repeating line patterns with up to 16 channels of embedded audio. Advanced features are available, which support full-frame and user-defined patterns, simulated tilt/pan motion, digital error insertion, and serial-stream jitter insertion.

Switchers

Philips Digital Networks has introduced the **HD35 high-definition switcher**. This format-selectable 1.5 Gbit/sec production switcher mainframe features up to four mix/effect banks and 90 inputs. Designed to offer numerous benefits in configuration flexibility, networking, and overall performance, it forms the control and processing hub of the most advanced high-definition facility.

Philips has also introduced the new **Virtual Cross Point routing switcher**. This new audio switcher accepts both analog and AES inputs and outputs. Its distributed I/O architecture with fiber optics can extend up to 500 m. It also combines modularity with very large capacity (up to 2048,

2048) and advanced audio manipulating digital signal processing. Virtual Cross Point can be used as an extension to the main ATM switching frame in a transmission network.

Videotek has introduced a new series of **RS-12AES digital audio routing switchers**. These switchers are designed to operate as companions to any other Videotek RS-12 analog, digital, or high-definition video router or separately as a standalone unit. Features include: unique models for many audio routing applications; serial communications control-selectable protocols; built-in RS-232/422 and GPI control; RSP-AES remote control panel, available up to 1000 ft; front-panel pushbuttons with changeable legends; analog audio monitoring option available; and audio breakaway by level.

Transmission Systems

Communications Specialists, Inc., has introduced the new Pure Digital, One Fiber, **point-to-point fiber optic transmission system**. The new system uses all-digital processing and transmission to send any combination of analog video, audio, and data signals, including "up the coax," over one fiber optic cable, in either one or two directions. The system converts incoming analog signals to a pure digital bitstream, optically transmits the stream over a single fiber, and then converts the signals back to

their original analog form at the receiving end. Because of the all-digital processing and transmission, there is no crosstalk or drifting, distortion is minimized, and the system delivers a uniform, high-quality signal over the entire transmission distance.

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Dolby Laboratories Inc., 100 Portero Ave., San Francisco, CA 94103; tel: (415) 558-0200; fax: (415) 863-1373; www.dolby.com

Eastman Kodak Co., 343 State St., Rochester, NY 14650; tel: (800) 621-FILM; www.kodak.com/go/motion

Philips Digital Networks, Eindhoven, The Netherlands; tel: +31 40 27 33615; fax: +31 40 27 36300; www.philips.com

Radamec Inc., 20 North 4th Ave., Highland Park, NJ 08904; tel: (732) 246-0906; fax: (732) 448-1184; e-mail: radamecinc@netscape.net; www.radamec.com

Schneider Optics, Inc., 285 Oser Ave., Hauppauge, NY 11788; tel: (516) 761-5000; fax: (516) 761-5090; e-mail: info@schneideroptics.com; www.schneideroptics.com

SnytheSys Research, Inc., 3475-D Edison Way, Menlo Park, CA 94025; tel: (650) 364-1853; fax: (650) 364-5716; www.synthesysresearch.com/ba14400.htm

Trompeter Electronics, 31186 LaBaya Dr., Westlake Village, CA 91362; tel: (818) 707-2020; fax: (818) 706-1040; www.trompeter.com

Videotek, 243 Shoemaker Rd., Pottstown, PA 19464; tel: (610) 327-2292; fax: (610) 327-9295; www.videotek.com