

Books, Booklets, and Brochures

SMPTE now stocks these recent titles:

The Producer's Business Handbook by James J. Lee provides filmmakers with a comprehensive examination of the business of entertainment and provides the information and tools required to engage in all related aspects of global production and exploitation. Together with its companion CD-ROM, this handbook presents both instruction and worksheet support to independent producers at all levels of experience. It also provides a global orientation to the relationships that the most successful producers have with the various participants in the motion picture industry.

Every Frame a Rembrandt—Art and Practice of Cinematography by Andrew Laszlo examines the art and craft of motion picture photography through the experience of a veteran professional cinematographer on five specifically selected major motion pictures. Through a discussion of the five very different films, and the specific problems and challenges that

each presented, Laszlo shows the broad range of complexity in motion picture photography, from the relatively simple "point and shoot" in typical day location photography to complex in-camera effects.

Uva's Rigging Guide for Studio and Location by Michael Uva covers the latest truss systems, rigging equipment, and portable stages, as well as lifts, boom arms, and camera mounts for every type of moving vehicle. The book also offers tips and tricks throughout, and helps to make the process of setting up and shooting safer and more efficient. Grips often need to invent makeshift solutions in a short time, and Uva shares many such devices that have developed over his years in the film and television industry.

For additional information about engineering titles available from SMPTE, and to place an order contact:

Beverly Blakemore, Sales
bblakemore@smpte.org
Phone: (914) 761-1100 Ext. 121
Fax: (914) 761-3115, or
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Communications Specialties, Inc., has announced the availability of their full-line catalog and technical resource, Volume II, available on CD. A follow-up to Volume I, the CD is more than an electronic version of the printed catalog. It is a comprehensive resource for customers and dealers, with up-to-date information on CSI products, including specifications, CAD drawings, product manuals, RS-232 remote software, and technique application notes.

Also available from Communications Specialties, Inc., is a new product guide. This new streamlined format includes information on the newest CSI products in addition to existing ones. The product guide is the perfect quick reference tool and a companion piece to the new Volume II CD catalog and technical resource, which features in-depth product information.

Copies of the catalog and the product guide can be requested by e-mail at literature@commspecial.com or by fax (631) 273-1638.

New Products

Camcorder

Panasonic Broadcast & Television Systems Co. has introduced the **AJ-HDC27A** camcorder. It offers high mobility, high-definition field acquisition, and is based on a newly developed 1.1-million pixel 2/3-in. IT 3-CCD imaging system, offering a sensitivity of F11 at 2000 lux. The camcorder provides 46 min of recording in 720p at either 30 frames/sec or 60 frames/sec, and offers two channels of 16-bit/48-kHz digital audio, a low power consumption of approximately 30W, and uses standard 2/3-in. bayonet lenses. It features a HD-SDI output for full-color live and tape playback, and an 8Mbyte/sec multimedia card for storing camera setups.

Broadcast Products

Miranda Technologies has announced the following conversion

products: The **MDC downconverter** allows users of Sony's HDCAM series to pipe the camera's high-definition component analog outputs to NTSC or PAL monitors. Measuring 12 cm by 6.3 cm the MDC mounts directly onto the camera and operates from its DC output, removing the need for a bulky frame or external power supply. It supports 1080i, 1080p/24sf, 1035i, and 720p input formats, which is converted to composite analog and luminance (Y) outputs. A built-in aspect ratio converter permits the use of inexpensive 4:3 monitors to display 16:9 images, while a 4:3 and 16:9 graticule generator allows onscreen display of safe action markers.

The **ASD-231i, 10-bit 3-D adaptive comb filter decoder/synchronizer and TBC** can accept inputs ranging from VCR-type to broadcast-quality signals. Built-in automatic gain control (AGC) enables this module to

handle either satellite or microwave feeds.

The **AAP-702i, 24-bit dual analog-to-digital audio converter/synchronizer/processor** can be used to synchronize incoming audio feeds when used with the ASD-231i video decoder/synchronizer module. It can be used to digitize audio with the highest quality and also allows the four analog audio input signals to be individually delayed, swapped, phase inverted, muted, summed, and level adjusted.

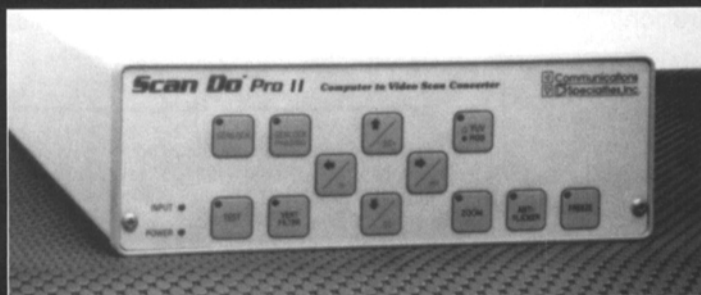
ADC Telecommunications, Inc., has introduced the **DA4050 four-channel AES sample rate converter**. The DA4050 provides a pair of two-channel AES inputs and outputs, and handles any input sample rate from 8 kHz to 56 kHz. The output sample rate may be locked to the unit's on-board crystal oscillator or externally referenced to AES, world clock, or video sync.



Math Fiber Optics Pure Digital, One Fiber transmission system from Communications Specialties, Inc.



The SGM-2X professional shotgun microphone system from Azden, Corp.



Scan Do Pro II from Communications Specialties, Inc.



The Deuce Pro video scaler from Communications Specialties, Inc.

Fiber Optic Systems

Communications Specialties, Inc., has announced the **Math Fiber Optics Pure Digital, One Fiber** transmission system. It 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 converts signals back to their original analog form at the receiving end.

Telecast Fiber Systems, Inc., has introduced the **Viper II modular fiber optic communications platform**. The Viper II has easy access shelf arrangement houses and 16 transmitter/receiver modules in a 3-RU height. It accommodates DTV, HDTV, and analog video/audio. The **HDTV Cobra** extends high-definition cameras with fiber and can support multiple digital cameras on one lightweight tactical fiber cable. Cobra provides ten times the distance, but only 1/10 the weight of triax.

Projectors

JVC Professional Products Co. has announced two new projectors. The

DLA-M20U and the **DLA-L20U** feature high resolution (1365 x 1024) and light output of 2000 ANSI lumens combined with a contrast ratio exceeding 350:1. They offer the convenience of a 1.5:1 fixed lens (DLA-M20U) and a 2.9:1 to 5.6:1 long-throw zoom lens (DLA-L20U), both with adjustable offset. Both models feature lens-swift capability, allowing the operator to vertically shift the projector lens between 30 and 55% to provide a keystone correction and convenience of stacking. The DLA-M20U's lens is ideal for replacement of CRT-based projectors, while the DLA-L20U's zoom enables easy adjustment of the screen setting even when projected from a distance.

Lighting Equipment

GamProducts, Inc., has introduced the **Gambox** studio lighting product. Gambox is a foldable modular diffusion unit with an internal pipe that allows mounting of multiple light sources. Slots in the front and center accommodate cosmetic gel and diffusion to allow control from candlelight to full light. The lighting is constructed with 6061 T6 aircraft quality aluminum. Light mount support brackets are welded tubular aluminum con-

struction with a 1 1/2-in. OD pipe for direct fixture mounting to the Gambox, and can be folded for storage and transportation.

Processor

RGB Spectrum has introduced the **DualView** videographics processor. DualView scales all RGB and video signals to match the native resolution of any projector, monitor, or flat panel display. It can downconvert an SXGA signal for a 1024 x 768 LCD or upconvert an NTSC signal to match the same device. All output signal parameters are user-selectable, including line rate, frame rate, interlacing, and blanking. In addition, it offers aspect-ratio control, including stretching and cropping capabilities to best fit images on a display, whether in 4:3 or 16:9 format. Two fully independent scalers provide clean and instantaneous switching, fades, as well as a dual display mode for side-by-side projection. The DualView is controlled over an RS-232 port, using any third-party remote controller.

Routers

Utah Scientific, Inc., has introduced three routers. The **UTAH-300** digital/analog router is an ideal solution

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for medium and larger-sized routing systems; with several frame sizes it provides for modular growth and space-efficient rack planning. It features reasonable crosspoint densities and allows analog and serial digital signals in the same frame. An efficient 32 x 32 building block provides a balance between frame density and modularity; forward and backward systems compatibility allows for easy upgrading of existing installations. The **UTAH-200** compact router with multiformat capabilities, small size (2RU), and flexible control systems will meet the needs of users requiring smaller and/or special-function secondary routers. The 200 is full-featured and available with redundant power supply and control cards. This router uses a 16 x 16 building block and allows mixing of signal types within a frame; maximum size is 32 x 32. The **UTAH-1500** HDTV router provides flexible migration into the HDTV environment; four-input and four-output modules allow for flexibility in the number of inputs versus the number of outputs. Maximum size is 32 x 32; chassis is 4-RU high.

Scaler

Communications Specialties, Inc., has announced the availability of an improved **Deuce Pro Intelligent** video scaler. With improved video decoding and A/D conversion for composite video, S-Video, YUV, and RGB video, Deuce Pro now features component and RGB processing controls to adjust brightness, contrast, saturation, and hue. The custom output formats are preset with 480p and 720p 16:9 HDTV formats. The scaler converts interlaced video signals (NTSC, PAL, and SECAM) to a non-interlaced progressive scan output in ten different resolution formats, including two custom formats.

Transmission System

Communications Specialties, Inc., has introduced **Scan Do Pro II**. The new transmission system features studio timeable genlock, component output (YUV and RGB formats), a switchable vertical filter, and optional SMPTE 259M serial digital output (SDI). A three-line flicker reduction filter produces sharp, stable images, and multi-

level input zoom processing enhances resolution.

Wireless Microphone

Azden Corp. has introduced the **SGM-2X** professional shotgun microphone system. The microphone comes with two barrels, an omni (8.11 in.) or, by adding the extension barrel, becomes a supercardioid (15.75 in.). Either configuration provides a sensitive (-50 dB), low-noise, wide bandwidth signal through its balanced, low-impedance XLR output. The system comes complete with an integrated shockmount with camera shoemount, mic stand-mount, and two foam windscreens.

ADC Telecommunications, Inc., 4900W 78th St., Minneapolis, MN 55435; tel: (612) 938-8080; fax: (612) 946-3292; website: www.adc.com

Azden Corp., 147 New Hyde Park Rd., Franklin Square, NY 11010; tel: (516) 328-7500; fax: (516) 328-7506; e-mail: azdenus@aol.com; website: www.azdencorp.com

Communications Specialties, Inc., 55 Cabot Ct., Hauppauge, NY 11788; tel: (631) 273-0404; fax: (631) 273-1638; website: www.commspecial.com

GamProducts, Inc., 826 North Cole Ave., Hollywood, CA 90038; tel: (323) 461-0200; fax: (323) 461-4308; website: www.gamonline.com

JVC Professional Products Co., 1700 Valley Rd., Wayne, NJ 07470; tel: (973) 315-5000; fax: (973) 315-5030; website: www.jvc.com/pro

Miranda Technologies Inc., 2323 Halpern Rd., Ville St.-Laurent, Que., Canada, H4S 1S3; tel: (800) 224-7882; fax: (514) 333-9828; website: www.miranda.com

Panasonic Broadcast & Television Systems Co., 3330 Cahuenga Blvd., Los Angeles, CA 90068; tel: (800) 528-8601; website: www.panasonic.com

RGB Spectrum, 950 Marina Village Pkwy., Alameda, CA 94501; tel: (510) 814-7000; fax: (510) 814-7026; website: www.rgb.com

Telecast Fiber Systems, Inc., 102 Grove St., Worcester, MA 01605; tel: (508) 754-4858; fax: (508) 752-1520; e-mail: sales@telecast-fiber.com; website: www.telecast-fiber.com

Utah Scientific, Inc., 4750 Wiley Post Way, Ste., 150, Salt Lake City, UT 84116; tel: (801) 524-9999; fax: (801) 524-0555; e-mail: sales@utahscientific.com; website: www.utahscientific.com
