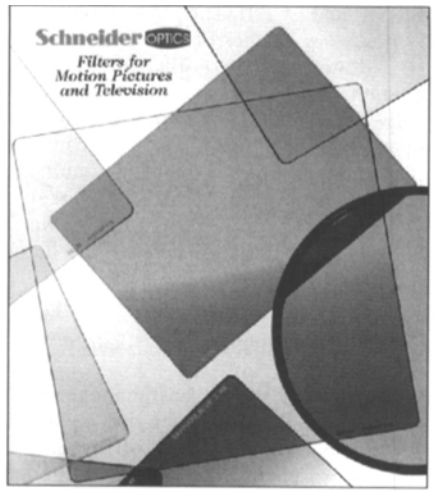
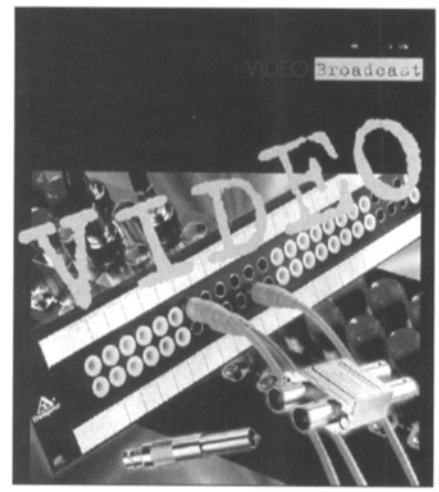
Books, Booklets, Brochures

Arri USA Inc., has announced the release of the **Arriflex 435 Book** by Jon Fauer, author/cameraman. The 435 camera system is one of Arri's most popular cameras. The Arriflex 435 Book addresses all the functions and features of the camera and more. It contains detailed instructions in all aspects of 435 camera usage from mounting to operating techniques. The book also includes the author's personal take on the 435 camera system. It is an important manual for anyone who works with the 435 camera system commercially, personally, educationally, or in sales. For more information contact Arri USA Inc., at 617 Route 303, Blauvelt, NY 10913; tel: (914) 353-1400; fax: (914) 425-1250; or 600 N. Victory Blvd., Burbank, CA 91502; tel: (818) 841-7070; fax: (818) 848-4028; e-mail: arriflex@arri.com.

Molex Fiber Optics has released a new 200-page catalog, which features the company's full line of active and passive fiber-optic components that include fiber-optic connectors and adapters, optoelectronics products, backplane solutions, cable assemblies, small form factor connectors, termination tooling, fiber-optic switches, and software for fiber tracking. The catalog also contains passive fiber-optic networks, including passive optical network devices, distribution enclosures, outside plant enclosures, and frame systems. For a copy of the Molex Fiber Optics Products Catalog No. 1098A, contact Molex Fiber Optics, Inc., 5224 Katrine Ave., Downers Grove, IL 60515 or telephone (800) A1-Fiber or (630) 512-8787.



Schneider Optics has announced the availability of a new 24-page color brochure that presents their broad line of high-quality optical filters. New filters shown in this brochure offer a unique range of softening, styling, and mood-modifying capabilities. While most Schneider filters are ideal for both film and video, special products for ENG lenses are also included in the brochure. The brochure also provides photographic examples of the results achieved with and without Schneider filters, and provides insight into many aspects of filter design, manufacturing, and applications. Brochures are available by contacting Schneider Optics, Inc., 285 Oser Ave., Hauppauge, NY 11788; tel: (516) 761-5000; fax: (516) 761-5090; e-mail: info@schneideroptics.com; website: www.schneideroptics.com.



Trompeter Electronics has announced the availability of a new 32-page color guide to interconnect products for HDTV applications, including video and audio patching products, coax cable assemblies, cable connects, tools and accessories. For information contact Trompeter Electronics, Inc., 31186 La Baya Dr., Westlake Village, CA 91362, tel: (818) 707-2020; website: www.trompeter.com.

New Products

Converters

Miranda Technologies has announced the release of **DV-Bridge**, the industry's first bi-directional DV-to-SDI/AES converter. Designed to work with DV camcorders, DV-VCRs, or DV-based storage and editing systems equipped with the IEEE-1394 interface, the DV-Bridge converts compressed DV format video and audio to and from SDI (4:2:2/ITU-601) digital video and AES audio. The DV-Bridge is ideal for linking DV acquisition material to 4:2:2 routing, recording, editing, graphics, and production suites. It can work either as a DV encoder or decoder. When operating in encode mode, DV-Bridge encodes material originating in 4:2:2 and AES/EBU to the DV format and outputs DV on the IEEE-1394 interface. Used as a decoder, DV-Bridge decodes material arriving on the same IEEE-1394 interface and converts it to 4:2:2 and AES/EBU. Encoding and decoding modes can be set automatically or manually.

Miranda Technologies has also introduced the **SER-800E serializer and SER-800D deserializer,** two compact modules for converting parallel HD to or from SMPTE 292M serial HD video. Measuring 20mm by 59mm by 105mm, both converters automatically detect the incoming signal format and support 480p, 720p, 1035i, 1080i, and 1080p image formats at 60, 59.94, 50, 30, 29.97, 24, and 23.98 Hz scan rates. The miniaturized, in-line packages of the SER-800E and SER-800D plug directly into a D-Sub connector, eliminating the need for a frame or parallel cabling. Either unit can be powered from an individual wall plug-in supply or a centralized, rack-amount power supply.

Encoder

Zapex Research Ltd. and Windbond Electronics have announced the **W99200F MPEG encoder**. The W99200F is capable of recording an hour of high-quality video and audio on a single CD, making it perfect for applications such digital VCR, recordable video CD, PC video capture and editing, and web cameras. It features pre-filtering, automatic scene change detection, 3:2 pull-down, adaptive-field-

averaging, variable bitrate encoding, and automatic time stamping. Leveraging the W99200F's integrated bus interfaces, FIFO, and audio interface minimizes the need for additional circuitry.

Projector

Panasonic has introduced the **PT-D9500U digital projector**. The PT-D9500U delivers 9000 ANSI lumens of brightness, extremely quiet operation, and a built-in universal format converter. It utilizes three 0.9 in. DLP panels to deliver stunning brightness, a greater than 450:1 contrast ratio and workstation (1280 x 1024) compatibility. It is also fully HDTV compatible, with the capability to provide full resolution for all DTV and HDTV formats in 4 x 3 or 16 x 9 aspect ratios. The PT-D9500U can also project an image from 100 in. to 600 in. in 4 x 3 and from 100 in. to 550 in. in 16 x 9, using the optional lens.

Recyclable Liquid Kit Chemicals

Chemworld, Inc., has introduced **recyclable liquid kit chemicals** for film development of common color negatives and color copying materials. The kit chemicals deliver best results with an automated dispensing system integrated in a combined developer processing plant for ECN II and ECP II. The plant automatically processes batches of negative and positive developer through ion exchange columns. The columns are then automatically regenerated and the processed developers upgraded. These processes can take place on both lines of the plant simultaneously. The system reduces disposable waste volumes up to 90%, reduces water consumption, and allows lowest discharge limits in the effluent.

Tracking System

Orad Hi-Tec Systems has announced the new **InfraTrack tracking system**. InfraTrack measures the 6° of freedom of the studio cameras (X, Y, Z, pan, tilt, and roll) by using infrared light sources attached to the studio camera. To obtain the camera position parameters the InfraTrack system uses small infrared imagers, strategically placed around the studio. Through triangulation, the system measures the LED's location and calculates the camera position and orientation. The seventh parameter is measured by means of a separate electromechanical sensor attached to the camera lens. InfraTrack enables a complete 360° shooting sector and considerable camera moving zone.

Chemworld Inc., P.O. Box 8891, Horseshoe Bay, TX 78657; tel: (830) 598-4595; fax: (830) 598-1232; e-mail: chemwrld@ moment.net

Miranda Technologies Inc., 2323 Halpern, St.Laurent, Que., Canada H4S 1S3; tel: (514) 333-1772; fax: (514) 333-9828; website: www.miranda.com

Orad Hi-Tec Systems, P.O. Box 2177, Kfar Sava, 44425, Israel; tel: (972)-9-7676862; fax: (972)-9-7676861; e-mail: orad@orad.co.il

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

Zapex Research, Ltd., 2432 Charleston Rd., Mountain View, CA 94043; tel: (650) 930-1410; fax: (650) 930-1414; website: www.zapex.com

Engineering News

NOTICE

Trial Publication and Public Comment on SMPTE Standards, Recommended Practices and Engineering Guidelines

SMPTE Standards, Recommended Practices and Engineering Guidelines are now published on the SMPTE World Wide Web site at **www.smpte.org/stds** for trial publication and public review. These proposal documents will continue to be published in the *SMPTE Journal* for information-only purposes. This change is in accordance with the SMPTE Administrative Practices:

"During the trial publication period of six weeks following the posting of the proposed document on the Society's World Wide Web site, the Society invites comment on the proposed document from the readership. Comments are submitted by the Director of Engineering to the Chair of the responsible Technology Committee with copies to the Chair of the Standards Committee and the appropriate Engineering Director. If, in their opinion, the comments require any technical change, the project is returned to the Technology Committee for further consideration.

If the comments are considered by the appropriate chairs and Engineering Director to be exclusively editorial, the Director of Engineering, in consultation with the Technology Committee Chair, makes the necessary editorial revisions. Commenters shall be promptly notified of the dispostition of their comments and the justification for the actions by the Technology Committee Chair."

C. V. Girod, P.E., Director of Engineering

ENGINEERING MEETING SCHEDULE

NOVEMBER

20 Sat.	Committee on Projection Technology P3 (B. Pinkston)	Marriott New York, NY
20 Sat.	Committee on Film Technology F2 (E. DiGiulio)	Marriott
20 Sat.	Committee on Laboratory Practice L6 (A. Masson)	Marriott
20 Sat.	Standards Committee ST13 (W. Miller)	Marriott
21 Sat.	Comm. on Audio Record and Reproduction Technology A12 (T. Holman)	Marriott

DECEMBER

6-10 M-F	A12/123/C24/V16/W25/N26/S22	Sony San Jose, CA

FEBRUARY/MARCH 2000

28-3 M-F	A12/123/C24/V16/W25/N26/S22	MCI-Worldcom Richardson, TX