

Books, Booklets, Brochures

The Cinematographer's Field Guide (3rd ed.) (H-2) is available from Eastman Kodak Co., Dept. 454, 343 State St., Rochester, NY 14650, at a price of \$6.95. The new edition provides updated technical information on all 15 of the Kodak and Eastman motion picture films currently manufactured and marketed by the Motion Picture and Audiovisual Markets Division. The guide has been designed as a convenient, pocket-sized hardcover reference book for users of Kodak and Eastman motion picture films. New to this edition is a 4-page foldout, the "Filmmaker's Flow Chart." The chart is designed to enable filmmakers to monitor the production of a motion picture from the initial idea and script through planning, shooting, processing, and editing to the final release printing and distribution. The correct sequences of essential production steps are clearly diagramed and labeled. Another 4-page foldout offers a revised and expanded "Anatomy of a Film Can Label" chart, which explains the abbreviations and other descriptive data a filmmaker would want to know when reading a film can label.

The Audio-Visual Equipment Directory (26th ed.) 1980-81 is available from the National Audio-Visual Association, 3150 Spring St., Fairfax, VA 22031. Prices vary: \$18.50 per copy prepaid, \$22.00 billed, \$12.50 per copy in quantities of 10 or more, and \$28.50 for non-NAVA-member firms commercially engaged in the audiovisual industry. Designed as a buyer's guide to help individuals and organizations make

practical cost-effective decisions on the purchase and use of audiovisual equipment and systems, it is a 500-page volume measuring 8½ × 11 in. Listing over 2000 currently available audiovisual equipment items under 152 categories, the 26th edition includes over 1500 photographs and specifications on price, model, weight capacity, and accessories, as well as descriptive technical details.

Special sections include charts for screen size, film and tape running times, indexes to industry trade names and *Equipment Directory* contributors, an expanded glossary of audiovisual terms, and a complete NAVA membership directory.

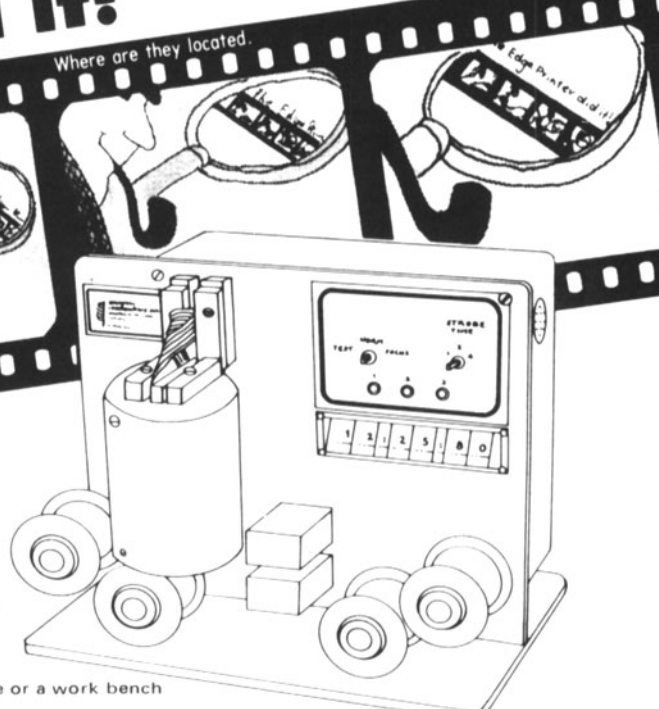
Audiovisual Wages and Salaries, a comprehensive survey of corporate audiovisual employee wage and salary rates, is available from Hope Reports, 1600 Lyell Ave., Rochester, NY 14606, at a price of \$30 (if payment accompanies order, otherwise, \$33). In a study of 57 audiovisual units, Hope Reports analyzed the positions of 813 individuals in 33 job classifications of professional and technical media work as of early 1980. Graphic, still/slide, video, and film specialists in the Northeast receive the highest pay, averaging \$23,792. Those in the Southeast reflect the lowest average pay, \$19,922. Other salary analyses in the report include jobs and pay by media systems, by type of company, by job tenure (years), and by regions and management salaries related to staff size. In addition, the report covers variations in department names and titles of chief operating officers in AV units.

Illustrated leaflets on the Video Digitizer 270A, **Video Frame Store 274**, the **Programmed Digital I/O Module 720**, and the **Direct Memory Access Digital I/O Module 721** are available from Colorado Video Inc., Box 928, Boulder, CO 80306. The illustrated leaflets provide photographs and diagrams plus general descriptions of the products. The 270A Video Digitizer converts standard television signals into digital data for computer processing. The Model 274 Video Frame Store is a solid state memory with high speed A/D and D/A converters, and it is capable of digitizing, storing, and displaying a single frame of video information. The Programmed Digital I/O Module 720 is intended for use with the Colorado Video 200 Series memory products such as the Model 274 Video Frame Store. It allows the user to read into or out of memory in either word serial or word parallel format. The 721 Direct Memory Access Digital I/O Module interfaces Colorado Video digital memory products such as the Model 274 Video Frame Store to any 16-bit computer permitting high speed data transfers.

Instruments for Testing and Design, the new catalog of Global Specialties Corp., 70 Fulton Terrace, New Haven, CT 06509. The catalog lists such items as electronic test instruments, solderless breadboards, logic probes, cases, and hardware. In announcing the catalog, Global Specialties, which recently changed its name from *Continental Specialties*, said that the new catalog reflects not a single price increase for the products listed.

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An Introduction to Digital Spectrum Analysis Including a High Speed FFT Processor Design, a 45-page digital signal processing application note authored by Richard J. Karwoski, has been published by TRW LSI Products, 2525 E. El Segundo Blvd., El Segundo, CA 90245. The introduction explains the differences between a discrete Fourier transform (DFT) and a fast Fourier transform (FFT), including sampled data spectrum and aliasing as well as truncation effects and spectral resolution. The decimation-in-time (DIT) FFT is described, with emphasis on computational and flow diagrams.

The design of the high speed FFT processor is covered both theoretically and practically.

Visual Information Institute, Inc., Box 33, Xenia OH 45385, has announced publication of a comprehensive guide for the application of television test instruments to various television systems. The 20-page illustrated booklet is available upon request from Visual Information Institute. Topics covered include Standards and Common Practice, selection of scan rates, specification of resolution, and other technical notes. The application of various test patterns is discussed, and a brief summary of the features of various test instruments is included.

Cablevision News is a new magazine published by RCA Cablevision Systems, 7355 Fulton Ave., North Hollywood, CA 91605. Volume 1, October 1980 (20 pages, 9 x 12 in., illustrated). It contains in-depth discussions of the latest technological advances in communications equipment and an exclusive story on the building of the San Antonio, Tex., cable system.

Video Update, a 20-page illustrated brochure containing information on video production, editing, and the use and maintenance of video batteries, lights, and microphones, is available from Adwar Video, 100 Fifth Ave., New York, NY 10036, upon request on company letterhead, at a price of \$1.50. Several new devices are illustrated and described, including Adwar's Special Effects Keyer, which adds color titles and graphics to color videotapes during editing or duplication. A discussion of video studio design is also included.

Marconi Electronics has announced availability of an 8-page brochure, illustrated in color, describing its range of 1-in helical video recording equipment. A full description of features and options plus complete specifications is given. The MR-2 1-in C format recorder designed for SMPTE and EBU Type C formats, the MTBC2 digital time base corrector, and the VTR monitoring unit are described. The brochure is available upon request from F. Bones, Marconi Electronics, Inc., 100 Stonehurst Court, Northvale, NJ 07647.

The Athena® 6000 telecine projector is described in an illustrated data sheet available upon request from L-W International, 6416 Variel Ave., Woodland Hills, CA 91367. The projector is a slo-mo, freeze frame telecine projector capable of handling 50 to 5000 ft of film. Features include rate pulse generator for interlock and synchronization with any frequency source from 35 to 70 Hz. Removable modules, each complete with related electronics, simplify service and maintenance.

A booklet on PCM (Pulse Code Modulation) recording is available from Studer Revox America, Inc., 1425 Elm Hill Pike, Nashville, TN 37210, upon request on company letterhead. The 28-page illustrated booklet presents an overview of the digital recording process and also discusses stage-by-stage operations and the areas in which standards must be set if digital audio is to achieve its greatest usefulness.

Letter(s) Perfect, a style book for people who create titles for television, is available upon request from Video Products, 3M, Dept. MN80-41, P.O. Box 33600, St. Paul, MN 55133. The 43-page book is a guide for use of television character generators. It deals with basic considerations, vantage points, elements of style, and special problems. In covering each subject, it synthesizes the needs of viewers, operators, announcers, directors, producers, and reporters and contains handy references such as a list of commonly misspelled words.

The Pritchard® PR™ 1980B Spectroradiometric System, designed to reduce the complexity of computer assisted spectroradiometric scanning, is described in a 4-color, 6-page brochure available from Photo Research Division of Kollmorgen Corp., 3000 North Hollywood Way, Burbank, CA 91505. Complete specifications are included and a typical paper tape is shown. The paper tape illustrates a printout obtained from an actual run. It lists spectral radiance from 370 nm to 730 nm and includes values such as integrated radiance, photon radiance, luminance, colorimetric values and others that are available in the standard software package.

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