

# BOOKS, BOOKLETS, BROCHURES

**Flat-Panel Displays and CRTs**, edited by Lawrence E. Tannas, Jr., provides comprehensive coverage of flat-panel display technologies and their emerging relationship with CRTs. The book, containing 488 pages and 150 illustrations, is available from Van Nostrand Reinhold, 135 W. 50th St., New York, NY 10020, at a price of \$52.50. The book discusses the nature of electronic displays and explains system requirements, performance measures, and technical capabilities of flat-panel displays and CRTs.

Unifying theories are presented to allow the direct comparison between flat-panels and CRTs as well as emissive and nonemissive displays. A systematic approach interrelating contrast, brightness, and resolution is used. Expert contributors examine the visual system, image quality, and each of the technologies in detail. They discuss solutions to technical problems that until recently have limited flat-panel displays.

**The IES Lighting Handbook Reference Volume** is available from the Illuminating

Engineering Society of North America, 345 E. 47th St., New York, NY 10017, at a price of \$175 (IES members, \$70). The book contains 500 pages, 375 charts, graphs, and diagrams, and a complete dictionary of lighting terminology. Topics covered in depth include luminaires, light and optics, daylighting, light sources, lighting calculations, color, and light and vision. The book also contains a thorough discussion of light and other radiant energy.

**Standards Activities of Organizations in the United States**, prepared by the National Bureau of Standards Office of Product Standards Policy, summarizes the standardization activities of more than 750 organizations in the U.S., including federal and state agencies and approximately 420 private-sector groups that develop standards. The directory contains an alphabetical listing of 632 non-government organizations that develop standards, contribute to the standardization process by working with other organizations, or are sources of documents and

information. The format provides quick access to specific information on the type of organization, scope of standards and standardization activities, whether voluntary or mandatory, standards availability, and keywords. The directory is available from the Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402, at a price of \$13.

**The Encyclopedia of Electronics** is a publication of TPR Books, a newly formed division of Tab Books Inc., P.O. Box 40, Blue Ridge Summit, PA 17214. Thoroughly cross-referenced, it is designed as a source book, providing instant access to electronic data from A (ab units) to Z (zig-zag reflections). The book is available from the publisher at a price of \$60.

**Technical Development of Broadcasting in Asia-Pacific 1964-1984**, Ed. F. M. Shepherd, published by the ABU Technical Centre, Asia Pacific Broadcasting Union, P.O. Box 1164, Pantai, Kuala Lumpur 22-07, Malaysia. The book was compiled

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in commemoration of the 20th anniversary of the founding of the ABU in 1964. Twenty-nine countries are represented, and the book reports on the advances in broadcasting technology during those 20 years. There is, of course, considerable disparity in the content of the reports, because of the different languages, different cultures, and different opportunities of the various ABU members. The ABU region covers two-fifths of the world's circumference and contains nearly two-thirds of the world's population, the book reports. The majority of ABU members are from developing countries.

Topics covered in the book include tech-

nical background to broadcasting development; development trends; and the means that assisted development. The book also includes a detailed report from each of the 29 ABU countries and some specially contributed articles.

**Here's Looking at You**, by Bruce Norman, an illustrated history of British television from 1908 through 1939, is published jointly by the Royal Television Society and the British Broadcasting Corp. The book can be purchased from Halligan Advertising Services Ltd., 66 Addison Rd., Bromley, Kent BR2 9TT,

England, at a reduced rate for SMPTE members of \$15. Checks should be made out to The Royal Television Society.

The book covers in detail the contribution of John L. Baird, one of the many "fathers" of television. The achievements of other pioneers are also noted, including, among others, Karl Braun, inventor of the cathode-ray oscilloscope; P. T. Farnsworth, inventor of the electronic TV system (the image dissector), 1928; C. F. Jenkins, described as "American, inventor of mechanical TV system, 1924, Baird rival"; and V. K. Zworykin, identified as "Russian, lodged patent in America for electronic television system. Published paper on electronic camera, the iconoscope, in 1933."

The book contains a great deal of information about both the technical and the entertainment aspects of the early days of television. There are a number of fascinating illustrations and amusing anecdotes, in addition to technical information. The chapter on "The Scottish Inventor" contains several items of little-known information about Baird's early years, for example, the Baird Undersock Co. "The Baird undersock, which aimed at keeping the feet warm and dry in winter, cool and unsweaty in summer, was an ordinary undersock that Baird sprinkled with borax. He acted as his own commercial traveller and charged ninepence a pair."

Considerable painstaking research has gone into the making of this book. The author has succeeded in providing the reader with an admirable combination of entertainment and information.

**The Video Register 1984-85**, contains 434 pages and lists more than 3200 professional television facilities in industry, medicine, cable, religion, government, and education in the U.S. The Cable Access/Organization Centers section identifies more than 840 facilities where programming is being produced for access and organization channels on local cable systems. The new register, 7th edition, contains 900 more listings than last year's. It lists consultants, equipment dealers and manufacturers, program publishers and distributors, and 940 post-production facilities. It is available from Knowledge Industry Publications, 701 Westchester Ave., White Plains, NY 10604, at a price of \$54.50.

**Video Marketing Retail Survey**, a 67-page report, is available from Video Marketing, Suite 820, 1680 Vine St., Hollywood, CA 90028, at a price of \$99. Based on a nationwide survey of video retailers, the report covers what the retailer sells and rents, how much he charges, how much he makes, and what he plans for the future. The report includes 50 tables, and shows the exact number of responses for each question, the raw totals, and the percentage breakouts.

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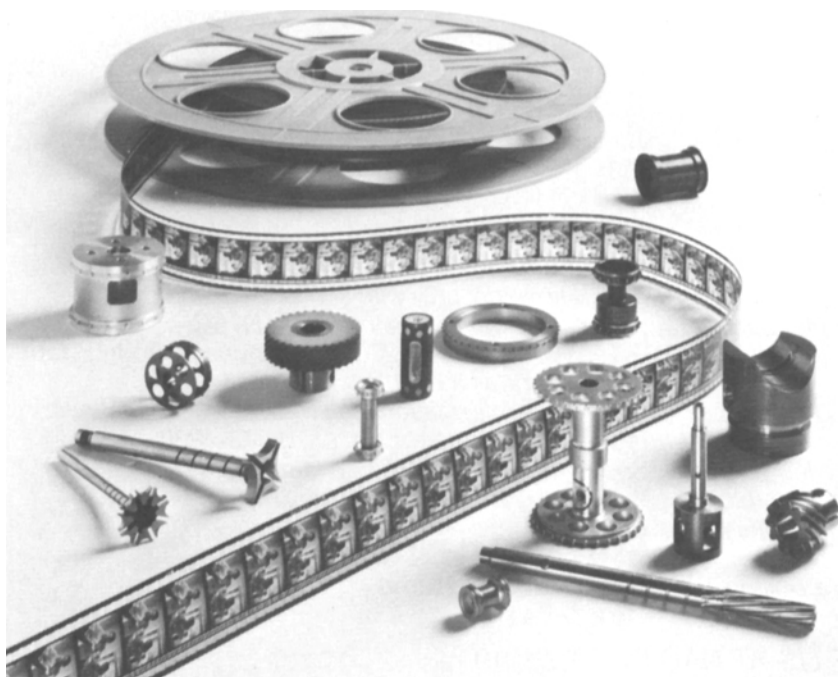
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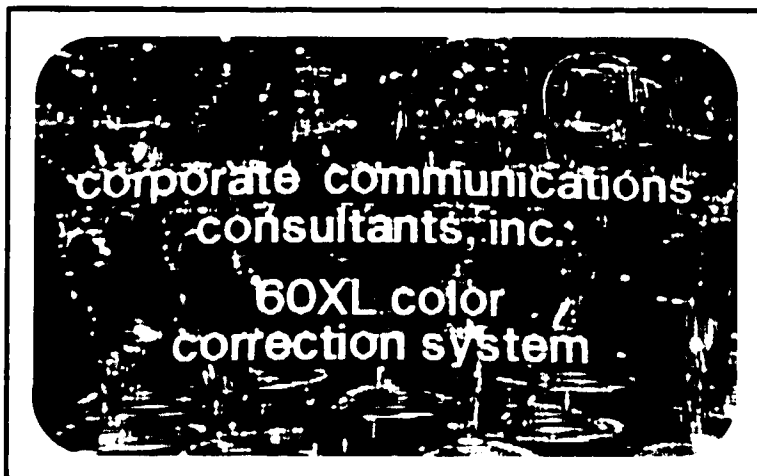
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**The EMME computerized editing system** is described in an 8-page brochure available upon request from EECO Inc., P.O. Box 659, Santa Ana, CA 92702-0659. The brochure is illustrated in color and describes the system's features and specifications.

**The Laser Diode Optics catalog**, containing descriptions and illustrations of optical components designed to make using laser diodes easier, is available from Melles Griot, 1770 Kettering St., Irvine, CA 92714. The catalog lists components needed to solve most of the application problems presented by laser diodes.

**Replacement battery packs for portable video cameras and recorders** are illustrated and described in a catalog available from Alexander Mfg. Co., Box 1645, Mason City, IA 50401. Packs for Sony, RCA, JVC, Ikegami, Hitachi, and other major cameras and recorders are shown.

**VLSI Products for Digital Signal Processing**, an updated short-form catalog, is available from TRW LSI Products Literature Services, P.O. Box 2472, La Jolla, CA 92038. The catalog offers basic specifications on currently available multipliers, multiplier-accumulators, A/D and D/A converters, storage products, and special function products.

**The EFM broadcast FM transmitters** ranging from 10 through 2500 W are described in a 4-page brochure available from Thomson-LGT, 37 Brownhouse Rd., Stamford, CT 06902. The brochure provides information on an IF modulator, a stereo generator, a frequency synthesizer, a power amplifier, and Thomson-LGT's modular design and redundancy which offer ease of maintenance and reliability.

**The Transmitter**, a brochure listing reconditioned test equipment, is available from Continental Resources, Inc., Electronic Instrument Div., 175 Middlesex Tpk., Bedford, MA 01730. The brochure lists hundreds of products from well-known companies.

**EEV light conversion devices** are described in a 24-page illustrated booklet available from EEV Inc., 7 Westchester Plaza, Elmsford, NY 10523. Among the electro-optical devices described are Led-dicons, vidicons, image isocons, image orthicons, CCDs, storage tubes, shutter tubes, and character display tubes.

**Nine Leader oscilloscopes** are described in an illustrated brochure available from Leader Instruments Corp., 380 Oser Ave., Hauppauge, L.I., NY 11788. A special section of the brochure highlights some of

the functions of the oscilloscopes, such as alternate triggering, variable hold-off, and dual time-base operation. Front panel callouts and complete specifications provide the reader with important information.

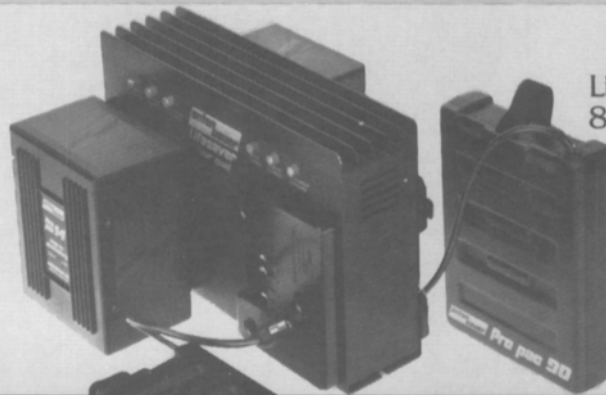
**The Frezzolini ENG/EFP Power Professional Products Catalog**, a 20-page illustrated catalog, is available from Frezzolini Electronics Inc., 7 Valley St., Hawthorne, NJ 07506. Equipment illustrated and described includes battery packs, battery belts, battery chargers, overnight trickle chargers, and other related equipment and accessories.

**Stop Motion Armatures and Accessories**, a catalog of armature kits, plates, and accessories to create monsters and other special effects, is available from Illusion Engineering Inc., Box 526, Marshall, MI 49068. Kits are available for such creatures as a flying snake, gorilla, pterosaur, tyrannosaurus, brontosaurus, and others.

**Rental Catalog 8** is available from Image Devices International, 1825 NE 159th St., Miami, FL 33181. Professional motion-picture equipment, including cameras, sound products, video cameras, and production accessories, are among the many items illustrated and described in the 40-page catalog.



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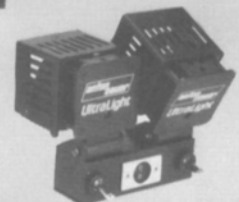
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