

Books, Booklets, Brochures

The Cathode-Ray Tube: Technology, History and Applications, by Peter A. Keller, provides an intimate understanding of how cathode-ray tubes (CRTs) work and how and why the CRT evolved as it did. The 320-page hardcover book begins with an introduction to the workings and early development of the CRT, complete with old hardware drawings and capsule biographies of the people who laid the groundwork for the modern CRT over nearly five centuries. The book then launches into a type-by-type look at CRTs for radar, TV, information display, and oscilloscopes from the 1930s through the 1980s. The author, a CRT specialist at Tektronix, Inc., and Chairman of the Society for Information Display's Committee on Definitions and Standards, includes rare photographs and drawings that essentially illustrate all CRTs that entered commercial production, as well as many that didn't. The book covers such topics as CRT fundamentals, radar indicator CRTs, monochrome picture tubes, color television picture tubes, data display picture tubes, avionics and vehicular CRTs, photorecording CRTs, flat CRTs, and oscilloscope CRTs. The publication,

which costs \$69.50, can be ordered from Palisades Press, 201 Varick St., New York, NY 10014.

Video Engineering, by Andrew F. Inglis, is an introduction to the basics of every aspect of today's video technology — from the generation and transmission of video signals, to their display, recording, and editing. The 338-page hardcover book has chapters devoted to many topics, including television system fundamentals, elements of television picture quality, color video signals, digital television, television cameras, professional video recorders, HDTV systems, fiber-optic systems, and color receivers. The publication can be ordered from McGraw-Hill Book Co., 11 W. 19th St., New York, NY 10011, at a cost of \$49.94.

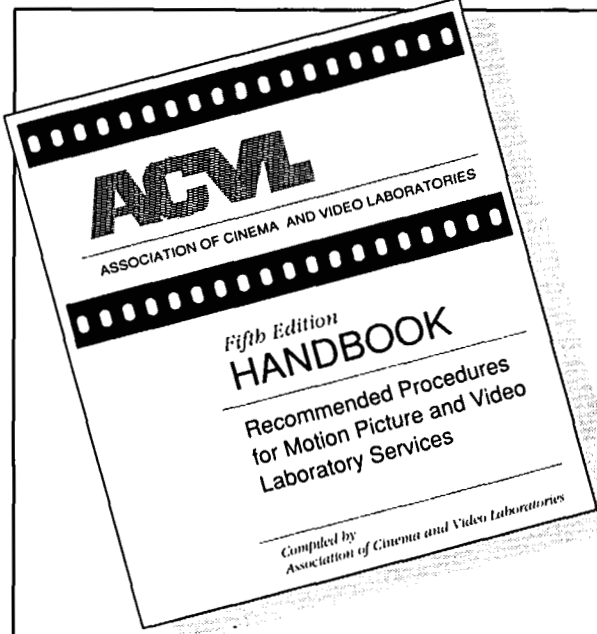
Making Money in Film and Video: A Freelancers Handbook, Second Edition, by Raul daSilva, shows the reader how to produce films as well as earn a living while doing so. The 177-page softcover book provides insights and techniques that are vital to surviving in today's economy, including preparing and presenting a film

proposal, writing a script that can be produced within a budget, creating a successful sample reel, budgeting and invoicing, using public relations and promotions to increase business, taking advantage of the strengths and limitations of the corporate culture, and maximizing the opportunities available in home video and cable. The 177-page softcover book can be ordered from Focal Press, 80 Montvale Ave., Stoneham, MA 02180, at a cost of \$24.95.

Optics in Photography, by Rudolf Kingslake, explains the fundamental optical principles that apply to photography, cameras, and lenses. The 289-page book, which is a major update of the author's "Lenses in Photography," is designed for anyone who is interested in understanding optical phenomena in photography and photographic equipment, including professional and serious amateur photographers as well as lens designers and optical engineers. The hardcover publication covers such topics as perspective, types of photographic objectives, light rays and lens aberrations, lens attachments, light waves and how they behave, and enlarging and projection systems. The author, who is professor emeritus of the University of Rochester, was the 1964 recipient of the SMPTE Progress Medal. The book can be ordered from SPIE Optical Engineering Press, P.O. Box 10, Bellingham, WA 98277-0010; the cost is \$35 to SPIE members, \$40 to nonmembers in North America, and \$44 to nonmembers outside of North America.

Lightnews is an occasional, casual, compendium of illuminating ideas, tips, and advice from Lowel-Light Manufacturing, Inc., 140 58th St., Brooklyn, NY 11220. The most recent newsletter focuses on the studio, offering such articles as "Lighting Studio Sets," by Kris Malkiewicz, and "How to Avoid a Large Headache Setting Up A Small Studio," excerpted from Ross Lowell's recently published book, *Matters of Light and Depth*. The free newsletter also contains several columns and information on the company's latest product.

The 1992-1993 Leitch/Hedco Television System Products is a combined catalog that provides, for the first time, information on all of the companies' products, both new and established. The publication is divided into 12 chapters, including general information, new products, distribution amplifiers, routing switchers, still stores, digital products, scramblers, and terminations. In addition, the booklet includes an index and table section, as well as application notes. The catalog is available free of charge from Leitch Inc., 920 Corporate Lane, Chesapeake, CA 23320-3641.



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