

Books, Booklets, Brochures

Camcorder Video Shooting & Editing Techniques, by Joan Merrill, offers practical and helpful suggestions and techniques for producing professional-quality videotapes. The 230-page publication is divided into four parts: Part I begins with an in-depth examination of the camcorder — its development, how it works, how to expand its capabilities, and how to properly maintain it; Part II examines shooting techniques, including shots and sequences, light and color, and sound; Part III covers shooting special events, such as weddings and athletic events, and special productions, including music videos and time capsules; and Part IV discusses editing techniques, including equipment and how to use a personal computer for video production. The book is available in paperback for \$24.95 and cloth cover for \$45.00, and can be ordered from Prentice Hall Inc., 200 Old Tappan Rd., Old Tappan, NJ 07675.

Camera Technology: The Dark Side of the Lens, by Norman Goldberg, provides detailed descriptions of mechanisms and explanatory diagrams of the inner workings of a camera. The book is designed to satisfy the technical specialist without intimidating the amateur photographer. The author, who has repaired, modified, designed, and analyzed cameras for the past 45 years, goes beyond describing camera functions based on advertised data. Instead, he explains how various cameras really work. The emphasis is on conventional still cameras, with the 35-mm SLR single-lens reflex dominant. The

390-page book details such areas as focusing, exposure, time lag, viewfinders, film support, hardware, testing, and basic optical formulas. The hardcover publication is available from Academic Press, Inc., Order Department, 465 S. Lincoln Dr., Troy, MO 63379, for \$39.95.

Matters of Light and Depth, by Ross Lowell, helps the reader develop a good eye for all lighting challenges. The author, who is an award-winning cinematographer and Academy Award-winning lighting equipment inventor, interweaves the insights and images of distinguished lighting directors, photographers, filmmakers, and classic painters. Some of the subjects explored are the best ways to achieve the worst lighting; lighting planes; hard and soft light considerations; lighting people; finessing and motivating the light; composing and framing; and video, film, and still-lighting differences. The book also covers subjects that baffle beginners as well as seasoned professionals, such as how to introduce and control glare, how to use but not abuse backlight, and how to motivate the light and the audience. The 224-page softcover, which costs \$28.95, includes 115 full-color pages, 92 paintings and engravings, and 50 diagrams, as well as a glossary that contains over 500 entries. To order, contact Paul & Co. Publishers Consortium, Inc., c/o PCS Data Processing Inc., 360 W. 31st St., New York, NY 10001.

Also available is **Photovideo: Photography in the Age of the Computer**, edited by Paul Wombell. The 172-page softcover

publication examines the creative freedom that is available through electronic imaging. Writers and practitioners describe applications ranging from the use of photography and multimedia to military intelligence. They report on experimental work in progress, and discuss not only the creative potential of the new technology, but its political hazards. The book costs \$19.95.

Microphone Manual, by David Miles Huber, provides the latest information on the technology of microphone design, placement, and environmental acoustics. The book offers techniques, tools, and tips on such topics as microphone pickup and its method of operation, cable/connector interfacing, single-microphone placement, stereo miking fundamentals, applied placement techniques within the music production environment, video/film media, speech and music reinforcement, and microphone accessories. The 297-page publication, which costs \$29.95, can be ordered from Focal Press, 80 Montvale Ave., Stoneham, MA 02180.

A catalog of video furniture is available at no cost from The Winsted Corp., 10901 Hampshire Ave. South, Minneapolis, MN 55438. The full-color, 108-page publication includes complete information, specifications, and pricing on the company's expanded line of video cabinets, consoles, racks, tape and film storage systems, and accessories. Several new products are also featured, including an adjustable turret for vertical racks and computer video graphics furniture.

New Products

Further information about these items can be obtained from the addresses given. As with technical papers, the Society is not responsible for manufacturers' statements, and publication of these items does not constitute endorsement of the products or services.

The DCT™, the industry's first practical CCIR-601 digital component production system available from one manufacturer, was announced by Ampex Corp., 401 Broadway, Redwood City, CA 94063-3199. The system consists of a new format 19mm digital component tape drive, companion tape cartridges, post-production switcher, edit controller, digital effects system, and interconnect prod-



Ampex DCT system

ucts. The entire system is available in both parallel digital or single-cable serial digital versions for maximum interconnection flexibility and efficiency.

The company also introduced **three videotapes**. The 229 D-1 and 329 D-2 videotapes deliver improved RF output, RF envelope stability, a lower bit-error rate, and a smoother and more consistent running tape. The 398, a Betacam SP videotape, offers improvements in tape formulation, base film, backcoat, plastics, and process technology. **New packaging and enhancements** to the company's 296 Master Editing videotape were also announced. Improvements include the modification of the formulation and slitting processes, resulting in a cleaner tape edge and less debris-related dropouts.