

Books, Booklets, Brochures

Webster's New World Dictionary of Media and Communications has been published by Macmillan Publishing USA, 1633 Broadway, New York, NY 10019. The 678-page paperback contains technical and slang terms from 28 fields, including broadcasting, computers, film, graphic arts, and telecommunications. Listings include abbreviations, acronyms, associations, biographical dates, and several hundred major companies in the media and communication fields. Current jargon is supplemented with historical information.

The Jones Telecommunications and Multimedia Encyclopedia is a reference source available on CD-ROM that features comprehensive information on the broadcast, cable, computer, satellite, software, and telephone industries. Organized into three main categories — industries, applications, and timeline — the encyclopedia has more than 1,000 entries, 20 minutes of full-motion video, and more than 200 photographs. Crucial inventions, enhancements, and advancements are all detailed. Also included is biographical information about the people who have built the information infrastructure, from the earliest days of communication to the completion of the transatlantic cable, to the first television broadcast, to the creation of virtual reality. The CD-ROM contains the full text of the Telecommunications Act of 1996 and the *Jones Cable Television and Information Infrastructure Dictionary*. This resource is available for \$39.95 from Jones Digital Century, Inc., 9697 E. Mineral Ave., P.O. Box 3309, Englewood, CO 80155-3309.

The SBE EAS Primer, from the Society of Broadcast Engineers (SBE), 8445 Keystone Crossing, Ste. 140, Indianapolis, IN 46240, is a 40-page publication about the new Emergency Alert System (EAS) adopted by the FCC. The primer is a complete guide to building a local and state EAS system and explains what each individual station must do to comply with new regulations. Topics covered in the *SBE EAS Primer* include EAS basics, system requirements, operational options and procedures, technical specifications, diagrams, developing a local plan, and a guide for state emergency communications chairmen. There is also a question-and-answer segment, a chart of a typical Emergency Alert Network, and EAS-related releases from the FCC.

The Television Operators Certification Handbook, 2nd ed., is available from the

Society of Broadcast Engineers (SBE), 8445 Keystone Crossing, Ste. 140, Indianapolis, IN 46240. The handbook includes FCC operator licensing changes regarding unattended operation and the new Emergency Alert System (EAS). Among other topics covered are the FCC, Television Station Operator, station operation, logkeeping, tower lights, staying on the air, legal requirements, television signal fundamentals, and SBE Television Operator certification.

Media Production: A Metro Picture has just been released by Hope Reports, 58 Carverdale Dr., Rochester, NY 14618-4004. The report surveys Rochester, N.Y., in preparation for a national study of all production companies, particularly those doing contract work. Every known source was used to locate more than 220 companies plus freelance specialists. Types of companies contacted include audio recording studios, media production companies, post-production houses, service bureaus, miscellaneous services, and television and radio stations, as well as special event videographers, in-house production operations, and production units from out of town. Findings include average revenues for each type of company, number of companies in each category, how each company fared in 1995 compared to 1994, productivity of employees, size and type of companies, the types of media produced, and the future trends for presentations.

The 1996 Television Products Catalog has been released by Tektronix, Inc., Measurement Business Div., Literature Distribution Center, P.O. Box 1520, Pittsfield, MA 01202. New products featured address customers' needs for video and audio signal analysis in the emerging areas of MPEG compression, RF transmission, and serial component video. The 224-page catalog includes detailed product descriptions, and comprehensive indices list products by name and by function.

The Arriflex 16 SR3 Book and Film Series by director of photography Jon Fauer is available from Arriflex Corp., 617 Route 303, Blauvelt, NY 10913-1123. This educational package on the company's Arriflex 16 SR3 camera is designed for use by cinematographers, camera assistants, producers, rental houses, and film students. The 280-page book guides the reader through the complete camera system using easy-to-understand language as well as 250 detailed illustrations. The "Intro" film presents a "day in the life" of the camera system; in "Camera Prep,"

camera assistants give a detailed tour of the system during a checkout at a rental house; and in "Camera Setup" viewers are shown use of the camera in real applications.

8 Hints for Making Better Scope Measurements has been published by Hewlett-Packard Co., Direct Marketing Organization, P.O. Box 58059, MS51L-SJ, Santa Clara, CA 95051-8059. The booklet contains tried-and-tested tips, easy-to-understand graphs, and advice from engineers. It covers such subjects as noise problems, time-domain reflectometry, aliasing, and harmonic distortion.

Compliance Testing to the IEC 1000-3-2 (EN 61000-3-2) and IEC 1000-3-3 (EN 61000-3-3) Standards, from Hewlett-Packard Co., Direct Marketing Organization, P.O. Box 58059, MS51L-SJ, Santa Clara, CA 95051-8059, is a free, comprehensive guide designed to aid environmental and design engineers in establishing accurate IEC 1000-3/EN 61000-3 compliance testing. Engineers and technicians with various degrees of familiarity with IEC 1000-3/EN 61000-3 standards will find the 56-page application note easy to reference. Engineers unfamiliar with the standards will find a detailed introduction to the IEC 1000-3-2 and IEC 1000-3-3 (EN 61000-3-2 and EN 61000-3-3) standards. Among the topics covered are the origins of harmonic current, voltage fluctuation, and flicker phenomena; and Hewlett-Packard's interpretation of the standards with regard to test-solution implementation.

The 1996 IC Master CD-ROM Plus from Hearst Business Publishing/UTP Div., 645 Stewart Ave., Garden City, NY 11530, provides direct electronic access to the latest product information on 120,000 integrated circuits, including 20,000 new device listings. The CD-ROM includes all the information in the 1996 IC Master printed catalog, including the manufacturers' data pages, the IC Master Alternate Source Director, and the IC Master Manufacturers and Distributors Directory. The IC Master CD-ROM Plus is available in DOS and Windows versions.

The 1996 Audio Solutions Catalog is now available from Sescom, Inc., 2100 Ward Dr., Henderson, NE 89015-4249. This 16-page catalog lists all of the company's standard audio products, has been designed to be more user friendly, and focuses on the applications of Sescom products.