

BOOKS BOOKLETS AND BROCHURES

Computer TeleJournal, a bi-weekly electronic data-processing information magazine, will be published on EVR cartridges, beginning in the spring of 1970, it was announced jointly by Robert E. Brockway, President, CBS Electronic Video Recording Division, and Stuart Sloves, President and Chief Executive Officer of TeleGeneral Corp. of New York. TeleGeneral will be joined in the venture by Delta Publications, Inc., of Framingham, MA, publishers of *Modern Data Magazine*. Initial distribution of 200 video-tape editions of *Computer TeleJournal* is planned for this fall, expanding next spring to an initial EVR production run of 500 cartridges. The electronic publication, to be shown by in-plant closed-circuit telecast, will be devoted to information and visual training articles in motion pictures and sound for the Electronic Data Processing field.

Computer TeleJournal will be free to eligible interests, the announcement stated. Revenues are expected to be derived from the sale of commercials, inserted in the EVR films between features. TeleGeneral Corp. has placed an initial order for 500 EVR players with Motorola Inc., licensee in North America for manufacture of the attachment player developed at CBS laboratories that makes possible projection of EVR cartridges on any television set screen.

Audio Visual Market Place: A Multimedia Guide is a new directory that provides detailed listings of producers/distributors, manufacturers, educational radio and TV stations, film libraries and services, such as processing, cataloging and script-writing, as well as reference books, serials and review services, associations, and a calendar of conferences and film festivals. The directory is edited by Olga S. Weber. It is published by R. R. Bowker Co., 1180 Avenue of the Americas, New York, NY 10036. It is available at the price of \$12.25 in the United States and Canada and \$13.50 elsewhere.

The directory gives information on some 846 "software" producers/distributors and 310 "hardware" manufacturers arranged alphabetically with separate listings classified by product line. Entries indicate names of key personnel, addresses and telephone numbers, types of material or equipment offered, availability of catalogs and, in the case of producers/distributors, grade levels and subject areas covered, as well as availability of printed instructions or other materials supplied with the product. Resources of commercial and noncommercial film libraries having more than local distribution are covered in geographical listings. Preparation of the directory involved sending out about 8,000 questionnaires.

A list of television stations (UHF and VHF) that specifies which stations have color tape capability (high or low band), color

It'll take your reading but it won't take your time.

It's the only CdS spot meter that won't slow you down with time-consuming dial twirling. You just set your ASA (3 to 25,000), press a button and read the precise exposure combinations right in the brilliant viewfinder.

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Even when you don't have the time.

Minolta Auto-Spot 1° with still and cine scales, under \$210 with wrist strap and pouch case. (Also available with IRE and foot-lambert scales for TV applications.) For details write Minolta Corp., Industrial Sales Division, 200 Park Avenue South, New York, N.Y. 10003.

The Minolta Auto-Spot 1° Exposure Meter



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Cine Craft

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film chains and black-and-white tape recorders is available from Marketing Director, Reeves Video, 304 E. 44 St., New York, NY 10017. The list, representing the findings of a year's survey of TV stations, is priced at \$5.00. The study was made between October 1967 and October 1968 by the staff of Reeves Video. A total of 592 commercial stations was surveyed by personal visits and mail questionnaires. All stations in the top 100 markets and selected other stations through the 186th market were visited. Only two VHF stations in the top 250 markets and only one in the top 50 markets cannot broadcast color. The survey was made especially to help those who need to know which stations have color playback facilities for distribution of spot TV commercials or syndicated programming.

The 1969 ISO Catalog, published by the International Standards Organization, is available from USA Standards Institute, 10 E. 40 St., New York, NY 10016. It is priced at \$6.00. The new catalog lists ISO Recommendations, Draft Recommendations and special documents published by the ISO Central Secretariat. It also contains a subject catalog, an alphabetical index and a technical committee index.

A Primer of Stroboscopy is an illustrated booklet available from General Radio Co., 300 Baker Ave., West Concord, MA 01781. Basic concepts of stroboscopy are explained with clarity and wit for the interested layman. The illustrations enhance the text. The booklet also described accessories for the electronic stroboscope and how it can be used with a simple camera for high-speed photography.

The Professional Make-Up Artist, a bimonthly publication of the Research Council of Make-Up Artists, Inc., 52 New Spaulding St., Lowell, MA, lists new professional cosmetics and make-up materials and explains how to use them for the best effect. For example, for wounds, "RCMA Color Process Blood is a bright, arterial red color that dries and cakes just like real blood so that you must keep adding it to a wound to keep it fresh looking." Also listed are make-up foundations, lip colors and eye make-up suitable for street wear as well as for professional use.

Techne: A Projects and Process Paper is a new periodical published by Experiments in Art and Technology, 235 Park Ave. South, New York, NY 10003. The new publication is available without charge to members of E.A.T. and is priced at 25 cents a copy for nonmembers. The new periodical is illustrated and contains lists of projects and prizes and information about E.A.T. and its members. E.A.T. is devoted to developing and maintaining an effective collaborative relationship between artists and engineers and scientists in the industrial environment (*Journal*, p. 56, Jan. 1968; p. 146, Feb. 1968).

Publications of the National Bureau of Standards 1966-1967 by Betty L. Oberholtzer, NBS Special Publication 305, is available from the Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402. It is priced

at \$2.00. The book lists all published work by NBS authors from the middle of 1966 to the end of 1967 both in NBS publications and others. Each title is accompanied by bibliographic information plus a list of key words and an abstract prepared by the author. NBS also provides a monthly listing of its latest publications.

The National Bureau of Standards provides a monthly listing of its latest publications and recent articles by its staff in non-NBS publications. The list is available from the Office of Technical Information and Publications, National Bureau of Standards, Washington, DC 20234.

Fiber Optics is the subject of an illustrated brochure available from Albion Optical Co. (distributors for Rank Taylor Hobson), 260 N. Route 303, West Nyack, NY 10994. The loose-leaf brochure is illustrated with photographs and diagrams showing the principles of fiber optics techniques. An Albion Rank Taylor Hobson kit for engineers using fiber optics is illustrated and described.

The 1969 Directory of Professional Photography is available from Professional Photographers of America, Inc., 1090 Executive Way, Des Plaines, IL 60018, upon request on company letterhead. The directory contains a geographical listing of the more than 13,000 members of PP of A throughout the United States, Canada and 32 other countries. The Assignment Section lists alphabetically by city and state or country portrait and commercial photographers available for photographic assignments here and abroad.

Tips on how to produce television shows or commercials in Europe without making costly mistakes were given by Roger Gimbel, President of Roger Gimbel Enterprises, Inc., at the Production '69 seminar held in February at Reeves Television Studios in New York (*Journal*, p. 284, Apr. 1969). Mr. Gimbel's first suggestion as to how to make a successful television production in Europe was to "join forces with an established European studio." Other details that can be overlooked by an inexperienced producer include holidays. For example, legal holidays in France include All-Saints Day, Ascension Day, Whitmonday, Labor Day (May 1) and Bastille Day (July 14). In Italy no work can be done on January 6, March 19, June 2 and 29, August 15 and November 1 and 4. The gist of Mr. Gimbel's remarks, gleaned from his own experiences in producing television shows in Europe, is contained in *Ideas and News From Reeves Video Division* (Vol. 2, No. 9) available upon request from Reeves Video Division of Reeves Broadcasting Corp., 304 E. 44 St., New York, NY 10017.

Audio-visual services and items available from the Film Center, 915 12th St., N.W., Washington, DC 20005, are set forth in a "how-to" booklet available from the Film Center at a price of 40 cents. The illustrated booklet contains helpful hints, such as causes of film damage and how to prevent them, how to make film shipments, how to edit tape and other guidelines.

High-speed cameras and instruments for recording, projection and measurement are illustrated and described in a brochure available from Traid Corp., Photo Instrumentation Div., 777 Flower St., Glendale, CA 91201. Products described in the brochure include the Hymac series of 16mm high-speed prism cameras, a large-screen film reader with automatic data readout, a compact projector-viewer-reader combination and a portable projector. 16mm, 35mm and 70mm films can be interchanged on any one machine.

Integrated instructional electronic systems are illustrated and described in a 32-page brochure available from RCA Instructional Electronics, Bldg. 15-5, Camden, NJ 08102. Systems described include closed-circuit (color and monochrome), Select-A-Lesson Dial Access, 2,500-MHz instructional television fixed service, learning/language laboratories and audio visual.

Learning Resources on Ampex One-Inch Helical Videotape is available in an updated version (Brochure V68-57) from Ampex Educational Industrial Products Div., 2201 Lunt Ave., Elk Grove Village, IL 60007. The brochure lists currently available libraries of pre-recorded video tapes for use in education, medicine and industry. Each listing includes a brief description of the tape and a contact for further information.

The Model AG-440B professional recorder/reproducer is described and illustrated in a 6-page brochure available from Ampex Corp., M.S. 7-14, 401 Broadway, Redwood City, CA 94063. The machine is designed for use in master recording studios, radio stations and for professional recording uses in education, industry and government.

The BC-100 handheld color camera for broadcast television is described and illustrated in Bulletin V200 available from Ampex Corp., 401 Broadway, Redwood City, CA 94063. The camera weighs about 35 lb and employs two Plumbicon tubes.

A portable broadcast television recording system, including the VR-3000 backpack color video-tape recorder and the BC-300 handheld monochrome camera, is illustrated and described in Bulletin V170 available from Ampex Corp., 401 Broadway, Redwood City, CA 94063. The system is designed for recording news and sports and other remote taping applications.

A brochure listing features and specifications of a portable broadcast television recording system including the VR-3000 backpack color videotape recorder and BC-300 hand-held monochrome camera is available from Ampex Corporation. The system is designed for recording news and sports, commercials, military programs and other remote taping applications where broadcast quality is needed. Bulletin V170.

RCA Color TV Service Manual, by Carl Babcock, covers 23 RCA color chassis and includes complete schematic diagrams for 12 chassis from the CTC12 to the CTC40 all-transistor model. Troubleshooting tips on each chassis, including circuit changes

and factory modifications are covered. The book contains 176 pages plus a 36-page schematic foldout section. It is published by Tab Books, Blue Ridge Summit, PA 17214. It is priced at \$7.95, leatherette covered and \$4.95, paperbound.

The RCA 1600 16mm sound projector is illustrated and described in an 8-page brochure (Form 3J5429) available from RCA Instructional Electronics, Bldg. 15-5, Camden, NJ 08102. The booklet shows how to use the projector from setting up and threading the film path to rewinding and putting it away.

The Datecon DT series of cold cathode display tubes is described in a data sheet available from Integrated Circuit Electronics, Inc., P.O. Box 647, Waltham, MA 02154. The data sheet includes a chart showing numbers. Electrical specifications and socket configurations are described.

Model APEX-16 "Add-On" Automatic Exposure Control for 16mm cameras is described and illustrated in a 4-page folder available from Instrumentation Marketing Corp., 820 South Mariposa St., Burbank, CA 91506. Specifications, photographs and drawings show typical camera adaptations.

The 1969 Wholesale Electronic Tube Purchasing Guide is a 16-page catalog available from Thor Electronics Corp., 741 Livingston St., Elizabeth, NJ 07027. More than 7,000 tubes are listed in some 25 categories, including vidicon, cathode ray, photomultiplier, nuvistor, storage, iconoscope and others.

Oceanographic products, including housings for all types of photographic and oceanographic equipments are described in an illustrated leaflet available from Sea Research and Development, Inc., P.O. Box 589, Bartow, FL 33630. Products described include a corrosion preventative called Sea Preserver and a fish tranquilizer called Sea Sleep.

The Super 1½ model (810 series) pmc motor is described in Bulletin M300 available from Rotamec, Inc., 6315 Arizona Pl., Los Angeles, CA 90045. The motor delivers up to 18 oz in of torque. Power rating is 1/50 hp at 6,000 to 11,000 r/min.

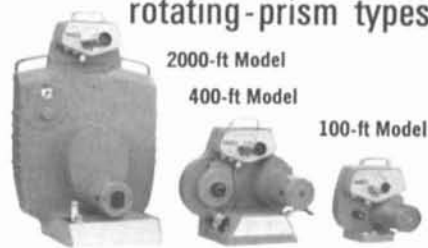
The Model STV-602 television camera for closed-circuit is described and illustrated in a bulletin (DB 95-150) available from the Specialty Electronics Div., Westinghouse Electric Corp., Box 868, Pittsburgh, PA 15230. Model STV-602 features compact size, solid-state design and environmental adaptability.

Pan and tilt mountings for Westinghouse remote closed-circuit TV cameras are illustrated and described in a data sheet, TD 95-362, available from Westinghouse Electric Corp., P.O. Box 868, Pittsburgh, PA 15230. Light- and medium-duty mountings are described. The light-duty mounting is for indoor use and the medium-duty mounting can carry the extra load of a weatherproof outdoor camera housing.

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The STV-614 SEC television camera, designed to record transient events at very low light levels, is illustrated and described in a brochure (DB 95-155) available from the Scientific and Electro-Optical Equipment Dept., Westinghouse Electric Corp., P.O. Box 868, Pittsburgh, PA 15230. Technical specifications and accessories are described in detail in the 4-page brochure.

Microwave relay equipment is illustrated and described in leaflets available from Microwave Associates, Burlington, MA 01803. Included are backpack microwave relay systems for television and low-noise solid-state microwave transistor preamplifiers.

Photographic equipments of all types are listed in a 184-page illustrated catalog available from Burke & James, Inc., 333 W. Lake St., Chicago, IL 60606. Eleven categories of equipments are listed including view and portrait cameras, special purpose cameras, graphic arts equipments, lighting and accessories, audio-visual, enlargers and accessories, printers and dryers, processing equipment, cine cameras, dark-room and studio aids and lenses and accessories.

Semiconductor products are illustrated and described in a 20-page catalog (No. 54-000) available from the Semiconductor Div., Westinghouse Electric Corp., P.O. Box 868, Pittsburgh, PA 15230. The catalog includes specifications, charts and dimensional diagrams for power transistors,

thyristors and rectifiers. Descriptions are also included of newly introduced high-temperature thyristors, epitaxial transistors and flat-base rectifiers.

Photo-Sonics Model 16mm-1C high-speed rotary prism camera is described and illustrated in a data sheet available from Instrumentation Marketing Corp., 820 South Mariposa St., Burbank, CA 91506. The camera uses a rotary disc shutter in conjunction with a rotary prism. It is designed for use under conditions of extreme acceleration, temperature and vibration.

The Photomatrix Model Apex-35 automatic exposure control is described and illustrated in a 4-page data sheet available from Instrumentation Marketing Corp., 820 South Mariposa St., Burbank, CA 91506. The exposure control is of modular design which operates on digital electronic control and is suitable for quick adaptation to most 35mm cameras.

Adtrol timing generators are illustrated and described in a data sheet available from Instrumentation Marketing Corp., 820 South Mariposa St., Burbank, CA 91506. The generators are designed to produce pulses of microsecond duration for sharper, clearer marks on film.

The Photo-Sonics Model 16mm-1BAC rotary prism camera is described and illustrated in a data sheet available from Instrumentation Marketing Corp., 820 South Mariposa St., Burbank, CA 91506. The

camera is designed for high-speed photography and is capable of short-run stop and start operations.

The Automax 35mm Series G-1 Cine/Pulse cameras are described in a 4-page illustrated data sheet available from Instrumentation Marketing Corp., 820 South Mariposa St., Burbank, CA 91506. The cameras are designed and manufactured specifically to meet rigid requirements of photographic instrumentation applications.

Hewlett-Packard Application Note 114 describes the alignment of A2A local TV video loop equalizers. The 3-page illustrated brochure discusses characteristics of coaxial cable losses and the kinds of equalization needed to compensate video signals for cable losses. Procedures used in aligning the equalizers are described. The brochure is available upon request from Hewlett-Packard Company, 1501 Page Mill Rd., Palo Alto, CA 94304.

Motion-picture equipments available for rental are illustrated and described in a 64-page catalog available from Birns & Sawyer, Inc., 1026 North Highland Ave., Hollywood, CA 90038. Hundreds of products of leading manufacturers are listed.

Hard-to-find tools, including aids to camera repairmen, are described and illustrated in a 24-page catalog available from Brookstone Company, 3 River Rd., Worthington, MA 01098. Tools shown in the catalog include electronic pliers and other electronic tools, jewelers' tools, flexible shaft machines, glass drills, rust remover, endless hacksaw and others.

The Kalart/Victor Total Educational Television Systems Brochure #2674 illustrates and describes educational television systems and products consisting of the Tele-Beam large screen TV projection system, camera, tuner, film chain, projector, video level meter, dual purpose projector and optical multiplexer. The 4-page brochure is available from The Kalart Company, Hultenius St., Plainville, CT 06062. The Tele-Beam projection system receives and projects TV pictures up to 9 by 12 ft—either front or rear projection. The camera and projector can be used apart from the system and the system can be used for recording 16mm film on video tape for future replays.

Film Chain Bulletin (No. 2675) illustrates and describes the Kalart/Victor 16mm TV Uniplex Film Chain System. The system includes a special 16mm sound film projector adapted for television use, a TV camera, adjustable camera mount and mounting base. The bulletin is available from The Kalart Company, Inc., Hultenius St., Plainville, CT 06062.

Turner microphones are illustrated and described in a 20-page catalog (No. 2520) available from The Turner Company, 909 17th St., N.E., Cedar Rapids, IA 52402. The catalog includes technical sections and product descriptions, specifications and photographs for each microphone.

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