

to a recent announcement. He was formerly with International Video Corp. where he held various engineering and managerial posts. Earlier he had been with Memorex. In his present post, which had been newly created, he will be responsible for both domestic and international sales at Unimedia.

Books, Booklets, Brochures

The NBS Metric Kit, a packet of metric information, revised and updated by the U.S. Commerce Department's National Bureau of Standards, is available from the Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402 (Order No. SN003-003-01736-1) at a price of \$2.00. The kit contains a copy of *What About Metric*, a consumer-oriented explanation of the metric system; a booklet listing references on metric information; a brief history of measurement systems and a color chart of the modernized metric system; a wallet-sized conversion card; a 15 cm ruler and a metric conversion status reprint from *Dimensions/NBS*, the Bureau's monthly magazine.

The Kit has been updated to reflect the passage of the Metric Conversion Act which establishes as national policy the voluntary conversion to the metric system. The references on metric information have also been brought up to date.

Film Literature Index 1975, a 610-page volume published by R. R. Bowker Company by special arrangement with Filmdex, Inc., is available from R. R. Bowker Company, 1180 Avenue of the Americas, New York, NY 10036, at a price of \$65. The contents of some 300 periodicals

were studied by 19 indexers to produce *Film Literature Index 1975*. The work is arranged under 1000 subject headings. Interfiled with the subject listings are names and titles with numerous cross references. In addition to the author's name and the subject, articles are indexed under proper name entries as screenwriters, performers, directors, cinematographers, professional societies, festivals and awards. Book review entries provide a current source for books about film.

The Photo-Lab-Index in a 720-page compact edition is available from Morgan & Morgan, Publishers, 145 Palisade St., Dobbs Ferry, NY 10522, at a price of \$15 (hardcover) or \$9.95 (paperbound). The new *Compact* includes the six most commonly consulted reference sections out of the 15 which appear in the full-length 1400-page *Photo-Lab-Index*. Ernest M. Pittaro is the editor of both the full length and the compact editions of the *Photo-Lab-Index*. The standard edition of the *Photo-Lab-Index*, priced at \$39.95, is available in a four-ring binder with a self-locking device enabling the user to insert updated replacement pages which are issued four times a year by subscription.

Private Television Communications: A Report to Management, a study by D/J Brush Associates analyzing the use of nonbroadcast television for communications and training, has been published by the International Industrial Television Association (ITVA), 26 South St., New Providence, NJ 07974. The study is priced at \$25 a copy to ITVA members and \$40 to non-members. The first study of the nonbroadcast industry by D/J Brush Associates was published

in 1974 and projected an industry growth from \$207 million to nearly \$600 million by the end of 1976 and forecast that more than 600 organizations would be producing their own internal television programs at that time. These figures are now said to have been surpassed.

Super8 Soundtrack, a 24-page newsletter to be published three or four times a year has been announced by Super8 Sound, Inc., 95 Harvey St., Cambridge, MA 02140. It is available upon request. The first issue contains a limited-time offer of substantial savings on purchases of multiple Super8 sound recorders to promote their use in schools, universities, cine clubs and other groups of super-8 users working cooperatively. The newsletter contains a number of other sections of interest to the serious super-8 user, for example, an announcement of a new Super8 Sound program in which experienced super-8 filmmakers can earn extra income by sharing their film expertise with others. Another section, called Mail Order Showroom, announces new, used and over-inventoried super-8 equipment available at bargain prices.

Digital Time Base Correction, a booklet reviewing the basics, is available upon request from Consolidated Video Systems Inc., 1255 East Arques Ave., Sunnyvale, CA 94086. The illustrated booklet describes briefly time base correction, the reasons for it and its applications.

The TVA-525 Precision Video Distribution Amplifier is described in a data sheet available upon request from TeleMation, Inc., P.O. Box 15068, Salt Lake City, UT 84115. Features such

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as the ac- or dc-coupled operation are described as well as the unit's capability of being intermixed with other TeleMation 525 series audio and video equipment.

The 1977 Communication Arts Catalog listing books on broadcasting, film, journalism, mass communication, radio, sound recording, and television is available upon request from Hastings House Publishers, Inc., 10 E. 40 St., New York, NY 10016. The catalog lists all of the Hastings House Communication Arts books currently in print and includes new publications issued in 1977.

Professional cassette learning systems for educational and industrial use are described in an 8-page brochure available from Sharp Electronics Corp., 10 Keystone Pl., Paramus, NJ

07652. The brochure contains illustrations in color of seven cassette systems and one headset. Descriptive material and specifications are included for each piece of equipment.

The 1977 Closed-Circuit Television Short Form Catalog is available upon request from Cohu, Inc., Electronics Division, Box 623, San Diego, CA 92112. The catalog includes photographs and descriptions of closed-circuit television cameras including the new Cohu single-tube color cameras, Model 1410 and the 10-W light, Model 7400 Isocon.

The 1977 Catalog of Video Supplies and Accessories is available upon request from WIDL Video, 5325 North Lincoln, Chicago, IL 60625. The catalog contains more than 400 items that video users often have trouble locating from local

sources. It is divided into four sections for easy reference. Highlights include items such as videotape, tape labels, storyboards, printed video forms, video and audio cables, connectors and adaptors, gaffers tape, tool kits and cleaning kits.

For the Video Artist, a brochure on the Compositor I Graphics System, is available upon request from TeleMation, Inc., P.O. Box 15068, Salt Lake City, UT 84115. The brochure, illustrated in color, shows the Compositor's TKB-3000 keyboard which is used in connection with cuing instructions that appear on the system's compose monitor. Features, such as the 1000-page disc memory, simultaneous preview/display, dual operation, automatic formatting, character colorizing, edge styles, and others are discussed. Unretouched monitor photographs showing the various colors and styles that can be achieved with the Compositor I are included.

The Varian 12-stage ultraviolet to near infrared photomultipliers are illustrated and described in leaflets available from Randy Klein, Varian LSE, 601 California Ave., Palo Alto, CA 94304. The tubes have applications in astronomy, spectroscopy, high-resolution densitometry, photometry, spectrometry, scintillation counting, electrooptical countermeasures, multiple-wavelength laser detection up to 30 MHz and other low and very low light-level detection applications.

Videotape Basics, an 8-page illustrated booklet available from Memorex Corp., Video Division, P.O. Box 420, Santa Clara, CA 95052, provides an understanding of videotape in the simplest possible language. "Rights" and "wrongs" in the handling of videotape are described and illustrated with photographs. The booklet also contains a glossary of terms used in videotape recording.

Professional audio connectors are described in an 8-page brochure, illustrated in color, available from Switchcraft, Inc., 5555 North Elston Ave., Chicago, IL 60630. The series — the Quick Ground Professional (QGP) connector offers such features as Vel-Ton nonreflective finish; gold-plated contacts and pins; nickel for reliability and long life; and reinforced plastic insulation.

Use of the spectrum analyzer to measure Noise Figure, Field Strength and Distortion is described in application notes available upon request from Hewlett-Packard, 1501 Page Mill Rd., Palo Alto, CA 94304. The Noise Figure note (AN 150-9) reviews the theory and then presents the measurement procedure along with an example. The field Strength Measurement note (AN 150-10) mainly discusses antenna calibration factors that enable the operator to transform the results obtained with the spectrum analyzer to field strength values. The Distortion Measurement note (AN 150-11) describes the types of distortion normally encountered (harmonic and intermodulation) and explains the role of "Intercept Point" determination in the evaluation of intermodulation distortion products. The note then tells how to use the spectrum analyzer to determine harmonic distortion levels and how to identify which types of intermodulation distortion might be present. Methods for



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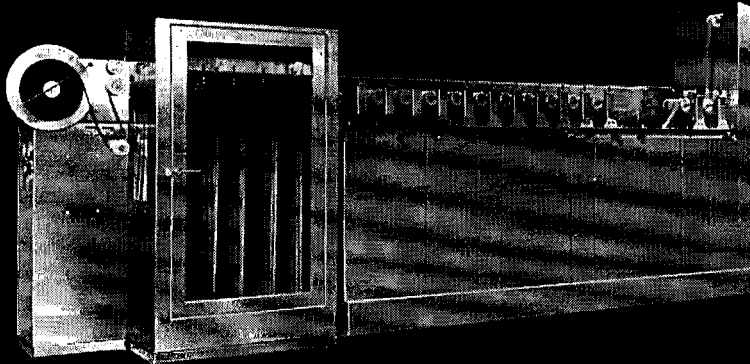
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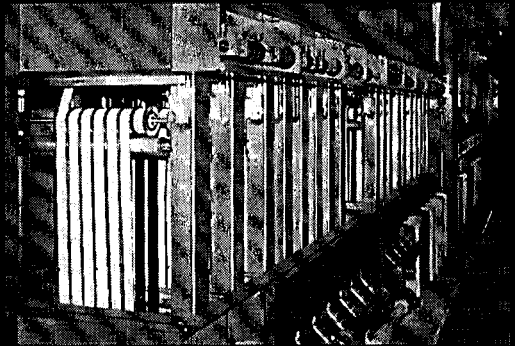
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determining the analyzer operating conditions that result in optimum dynamic range are presented.

Better Movies in Minutes (Kodak publication AD-4), a 56-page book is available upon request from Eastman Kodak Co., 343 State St., Rochester, NY 14650, or from Kodak dealers. The book is divided into 20 special interest sections that include information on how to: use super-8 and 8mm films and cameras; use special lenses — wide angle, telephoto and zoom; shoot special subjects such as sunsets and extreme close-ups; make indoor movies with movie lights; make existing-light movies without movie lights; shoot sound movies; add titles to movies; and much more.

Causes and Effects of Skew Error in Helical Scan Videotape, a two-page publication describing how commercial and educational users of video can eliminate skew or tension errors, is available upon request from 3M Company's Magnetic Audio/Video Products Division, P.O. Box 33600, St. Paul, MN 55133. Part of the division's *Retentivity* series, this issue defines and illustrates skew errors and points out the desirability of dimensionally-stable tape as a means of preventing such errors.

Cine Rent West, 991 Tennessee St., San Francisco, CA 94107, has announced a new rental catalog listing film and tape production support services including two sound stages, lighting, grip trucks, 16mm and 35mm cameras, and mixing and editing facilities. The catalog gives detailed information on Panavision and Tyler camera systems. It is available from Cine Rent West upon request.

Obituaries



Henry Millward Fisher

Service of 50 years or more has been said to earn a person the honored title of a pioneer in our industry. From the Sunday, 4 October 1903 in Harrogate, Yorkshire, England, where he was born to another Sunday, 20 March 1977 when he died at Suburban Hospital near his home in Chevy Chase, Md., Henry Millward Fisher was a honorable and an honored person.

Henry attended private schools and Clifton College in England. His lifelong love of the seas was the result of his early training as a merchant marine cadet. His travels took him around the world and he adopted the United States of America as his home.

In 1926 he entered the motion-picture business as assistant office manager of Pathex, Inc.,

a subsidiary of Pathé Exchange in New York City. Pathex assembled and distributed a 9½mm camera and projector which was manufactured by Pathé in France. Incidentally, this was sold in Washington by the M. A. Leese Optical Company in their photo store. They were in the same building, 712 Eleventh Street, N.W., Washington, D.C., where C. Francis Jenkins had the first headquarters for the newly organized Society of Motion Picture Engineers. WMAL radio, in the same building, was the Washington source and outlet for the Columbia Broadcasting System formed in 1927.

When Pathex ceased distribution of their products in the United States in November 1928, Henry was employed by the DeVry Corporation as a salesman. He continued with DeVry through the various DeVry Companies until the 16mm portion was bought by Bell & Howell in 1954. Henry continued with the newly formed Paromel Corporation which continued manufacture of the DeVry 35mm Projector and educational systems and operated the DeVry Technical Institute, formerly known as the DeForest Training Institute. Later, after the 35mm projector manufacture was discontinued in 1965, the company was renamed DeVry Industries. Henry Fisher continued as Vice President (Energy Concepts Division) concentrating chiefly on federal sales.

It was in the category of salesman to the federal government that he served his adopted country and our profession so well.

Henry sold DeVry 16mm and 35mm equipment in the metropolitan New York territory in 1929 at the same time Western Electric used the

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