

only 600 g), eliminating such problems as image burnout, tailing, and residual image.

The videocassette (said to be the world's smallest) provides 20 min of recording time using 8-mm magnetic tape. The Home Editor, when combined with the Video Movie unit makes it possible to reproduce the images and sound on any television set. It can also be used for editing and transferring the initial recording to any of the videocassette formats now in use, such as the Beta format.

General aim of this new development was that of packaging a color video camera with a video recorder into one portable unit.

SynthaVision-80, a system designed to produce animated computer-generated color pictures on film, has been developed by the Mathematical Applications Group, Inc. (MAGI). The new system, said to be a major advance over an earlier SynthaVision system, can create 3-dimensional and other fantastic special effects. SynthaVision-80 uses graphic design terminals to enter the design of objects to be visualized. The objects are created by a proprietary 3-D modeling process the company originated and now licenses to other firms in the field of computer-aided design and manufacturing. A high speed minicomputer, using MAGI software, processes the design information and produces the sequence of frames specified by the designer or animator. The system also incorporates a high resolution color film recorder with a pin-registered camera that transfers the computer-generated images onto 35-mm color film. While normal resolution is some 1500 lines, the system may be used to produce images with a resolution as fine as 8000 lines. Other features include high speed film output, the ability to accommodate many independent moving objects and creation of such special effects as metallic reflections from multiple light sources.

Pioneer's LaserDisc videodisk system will soon be widely available commercially according to an announcement from U.S. Pioneer Electronics Corp., Moonachie, NJ. The system consists of prerecorded videodisks and a videodisk player that can be connected to any standard television set. It can also be connected to a hi-fi system for stereo sound or for dual languages. A low-powered laser beam reads audio and video information from the videodisk and then transmits the picture to the TV screen and the audio portion through the stereo sound system. Features such as freeze frame, slow motion, and individual random frame access are possible with the LaserDisc system. The videodisks, which resemble mirrored LP records without grooves, do not wear out because no needle or stylus is involved. The disks are recorded on both sides and have a playing time of up to 30 or 60 minutes per side, depending on the mode of operation.

North American Philips Corp. and 3M Co. jointly announced an agreement by which 3M will manufacture reflective optical videodisks. The announcement stated that production quantities of 3M replicated disks for laser-based reflective videodisk players are expected to be available during 1981. Under the agreement, North American Philips will provide disk-mastering equipment to 3M, and the two firms will exchange patent license agreements on selective optical videodisk

technologies. According to the announcement, 3M does not plan to acquire disk programming but instead will act as a contractor for mastering and replicating videodisks for program suppliers.

Saeco (Sudamericana Electronics Co.) has moved to larger quarters at 1122 E. Chevy Chase Dr., Glendale, CA 91205. The premises were formerly occupied by Medico Electric Labs. (Mel Audio). Saeco will continue to serve the trade formerly handled by Mel Audio, the announcement stated, as well as continuing their own operations, which are primarily the assembly and export of complete broadcast and audio systems.

Animation Video, a new division, has been announced by Convergence Corp., 1641 McGaw, Irvine, CA 92714. Plans for the new division include the manufacture of a full-color video animation system designed to produce broadcast-quality animation directly onto videotape. The new system is intended for use by in-house production departments at broadcast stations; animation/video post production houses catering to the broadcast market; and in-house corporate and ad agency video production groups. Carl Schultz has been appointed General Manager of Animation Video and Steve Price is Engineering Manager. The division will be located in its own facility in Santa Ana, Calif.

Image Devices Inc., 1825 NE 149 St., Miami, FL 33181, has been appointed the exclusive U.S. distributor and sales/service representative for Miller Fluid Camera Heads and support equipment, according to a recent announcement. Miller Fluid Heads operate on a hydraulic principle with fluid developed by Miller chemists for temperatures in the -30°C to $+50^{\circ}\text{C}$ range — from the freezing Antarctic to the heat and humidity of the tropics.

Paul F. Amedick has been appointed Manager, News Services, for RCA Commercial Communications Systems Div. in Camden, N.J. He is now responsible for news and information programs for the four units of the Division — Avionics Systems, Van Nuys, Calif.; Broadcast Systems, Camden; Cablevision Systems, Van Nuys; and Mobile Communications Systems, Meadow Lands, Pa. Previously, he was Manager, News Services, for RCA Broadcast Systems. He joined RCA in 1968 in the industrial relations activity and since 1971 has held various public relations and publicity posts.

Jack Whalen has been appointed Vice-President of Modern Talking Picture Service's Western Sales Division. Whalen, whose office is in Los Angeles, is responsible for about one-third of the company's U.S. sales territory, including Alaska and Hawaii. He has been with Modern since 1963. Modern's headquarters are at 5000 Park St. North, St. Petersburg, FL 33709.

Logan Enright has been appointed West Coast Regional Sales Manager for the Professional Video Division of US JVC Corp. He was formerly District Sales Manager in the firm's West Coast Branch Office. Prior to that position, he was Regional Sales Administrator for JVC in the Los Angeles office. US JVC headquarters are at 58-75 Queens Midtown Expwy., Maspeth, NY 11378.

Books, Booklets, Brochures

Private Television Communications: 1980 and Beyond, a detailed report international in scope, prepared by D/J Brush Associates, is available from the publisher, International Television Association (ITVA), 26 South St., New Providence, NJ 07974, at a price of \$39.95. The report is based on a detailed questionnaire which went to over 1200 organizations in the United States, Canada, United Kingdom, and Europe, plus a series of in-depth interviews covering a wide spectrum of corporate, government and institutional users of video for communications and training. The report covers all aspects of corporate/institutional video including uses and applications, programming types and formats, production and distribution systems, cost accounting/cost analysis, feedback and program evaluation, etc. The study also covers such new technologies as videotext, interactive video, computer graphics, optical and capacitance videodisks, teleconferencing, satellites and interface between television and the computer.

Alan Gordon Enterprises has announced publication of its Master Rental Catalog #29. Equipment listed in the catalog include the Aaton 7 LTR 16-mm camera, the Dawe Cinestrobe Lighting System, and the Javelin Night Viewing Device which is said to permit photography by starlight alone. The catalog is available upon request from Alan Gordon Enterprises, 1430 N. Cahuenga Blvd., Hollywood, CA 90028.

Sylvania Lamps for film, theater, and television are described in a four-page illustrated brochure available upon request from GTE Lighting Products, Sylvania Lighting Center, Danvers, MA 01923. Featured in the brochure are Brite-Arc™ lamps which are reported to have improved lighting while saving energy and reducing heat. Other Sylvania tungsten halogen lamps are also described, including the PAR 36, and others.

Video and pulse delay lines and video filters are described in Catalog 13V available from Allen Avionics, Inc., 224 E. 2nd St., Mineola, NY 11501. The delay line series contains 12 variable delay units with the lowest delay from 0 to 10.5 ns in 0.5 ns steps. The longest delay is from 0 to 2075 ns in 25 ns steps.

Photometers/radiometers and spectroradiometers are described in an 8-page technical brochure available upon request from Photo Research, Division of Kollmorgen Corp. 3000 North Hollywood Way, Burbank, CA 91505. The brochure provides a complete product guide with a summary of light measurement capabilities for each instrument.

The 2380 series remote controls for closed circuit television systems is described on a new illustrated data sheet available from Cohu, Inc., Electronics Div., P.O. Box 623, San Diego, CA 92112. The data sheet describes the camera functions and accessories these controls provide for various Cohu television camera systems including models in the 2000, 2500, 2800, 4500, and 7900 series.