

New Sustaining Members

Aaton Cameras, Inc., 1697 Broadway, New York, NY 10019, (212) 541-8181

Established in 1978, Aaton Cameras, Inc. is the U.S. subsidiary of Aäton France. It imports, distributes and services all Aäton products in the U.S., handling both the professional 16mm equipment line and Aäton video products: Aäton 7 LTR ultra-quiet ergonomically designed camera with instrumentation photometer and discreet high quality videotape; revolutionary time information system for a 16mm microprocessor driven built-in camera accessory allowing inscriptions of every second in Arabic figures between the perforations, giving complete date, day, hour, minute, second, etc.; circuits for tape recorder time information insertion; a transcoder and printer to provide clear Arabic figures with the same time information every second on the 16mm sprocketed tape during transfer; and miniature video camera for scientific and industrial use, with time insertion accessories, miniature monitor, etc. On the spot service and repair in New York by factory personnel.

Address inquiries to: the address above.

Compact Video Sales, Inc., 1104 W. Chestnut St., Burbank, CA 91506

A subsidiary of Compact Video Systems, Inc., Compact Video Sales provides for comprehensive consultation, design, engineering and construction of today's state-of-the-art production and post-production facilities,

turnkey television centers, customized mobile location units and complete videotape complexes for professional broadcasters and corporate telecommunications users. Oscar Wilson is president of the sales division.

Address inquiries to: Robert Manahan, Sales Manager.

Gray Engineering Labs., Inc., 504 W. Chapman Ave., Suite O, Orange, CA 92668, (714) 997-4151

Gray Engineering Laboratories was established in 1957 as a partnership and was incorporated in 1978. It has been involved in design and development of electronic equipment for the professional entertainment industry since 1972 and has been manufacturing its own line of SMPTE time-code editing equipment since that time.

Products produced include time-code generator, readers, character generators, code comparators, user bit modifiers and code displays.

Address inquiries to: the address above.

Macbeth Sales Corp., P.O. Box 7062, Newburgh, NY 12550, (800) 431-9980 or (914) 564-6300

Macbeth Sales Corp. is a wholly owned subsidiary of OSRAM Corp. servicing specialty lamp customers throughout North America. OSRAM's most significant recent contribution to the motion picture and television in-

dustries was the development of the Metalogen HMI lamp. This source produces an amazing correlated color temperature of 5600 K (daylight) with a color rendering index of greater than 93 and with efficiencies nearly four times that of standard tungsten sources (3200 K). Macbeth Sales carries the complete line of OSRAM lamps servicing nearly every facet of the motion picture and television industry, supplying lamps for production (HMI and tungsten-halogen studio lamps), editing tables (miniature tungsten lamps), and ultimately in movie projectors (xenon lamps). Macbeth's staff includes a crew of experienced, professional technicians to answer your lamp questions or solve your lamp problems at their toll free number (800) 431-9980.

Address inquiries to: Keith Gillum.

Mandarin Colour Printing & Developing Co., Ltd., 133 Wai Yip St., Cheung Fai Industry Building, Kwun Tong, Kowloon, Hong Kong, (3) 898211-4. Cable: MCPRINT

Mandarin Colour Printing & Developing Co., Ltd., is one of the leading full size cine laboratories in Hong Kong providing a full range of service to motion picture and television producers; equipped with modern facilities with good quality control, handling processing, printing, duplicating, and dark room special effects for all 35/16mm and super 8 formats, dry or wet printing, reduction, or enlargement.

Address inquiries to: David Lam, Managing Director at the address above.

RCA's all-new PM-85SL Dual Sprocketed Reproducer: quality and economy are only the beginning.

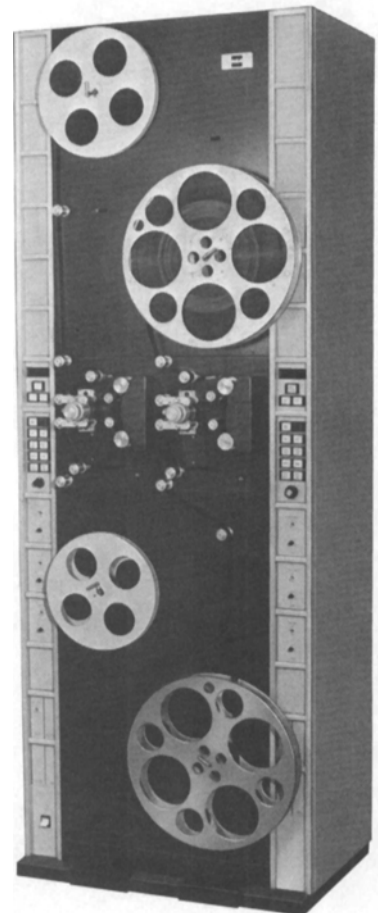
Say goodbye to time-worn conventional dual dubbbers that have grown older but not much better.

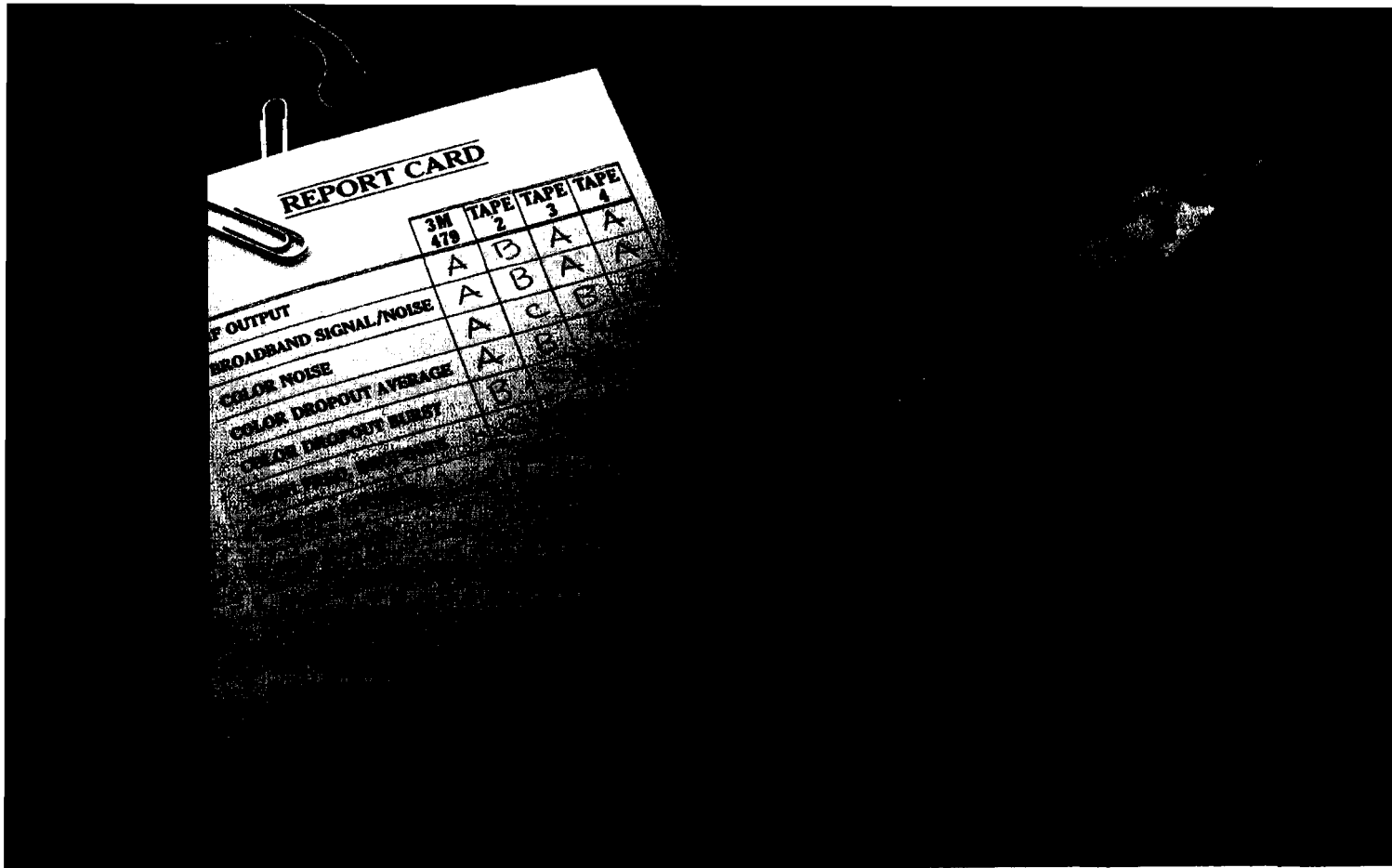
Say hello to the all-new PM-85SL Series Dual Magnetic Reproducer—a fresh approach to function, design and packaging. The result: quality, economy, versatility and performance that make the servo-controlled PM-85SL an outstanding value for film and tape post-production sound processing. Consider these advantages:

- Servo-driven interchangeable sprockets for 16 and 35mm film.
- Automatic speed and equalization change for 16 and 35mm film.
- Built-in electronic interlock facility.
- Provision for adding erase and record facilities.
- Multi-track expansion—up to 12 tracks.
- Transfer capability at 2 times cine speed.
- Selectable 24/25 fps operation.
- All-new audio electronics.

The PM-85SL is the newest from RCA Photophone Systems, the people with the broadest line of sound-on-film and sound-for-tape systems. For information, write RCA, 2700 W. Olive Avenue, Burbank, CA. 91505, U.S.A.

RCA Photophone
Systems





IN A TEST OF ONE-INCH VIDEO TAPES, WE ACED OUT THE COMPETITION.

When we tested the top four brands under strict lab conditions, the overwhelming performance leader was Scotch 479 Master Broadcast Video Tape. In fact, we came out on top in all ten performance categories.

If that isn't reason enough to make us your choice, maybe this is. We're the only one-inch supplier that winds your tape onto a special cushioned flange reel to protect against shipping and handling damage. And we pack and ship our tape in a flame-retardant case to give you even more protection.

We're the people who pioneered the development of video tape 25 years ago. And according to the pros who know video tape best, we're still the best video tape. Give or take an inch.



3M

Pioneer Marketing Corp., 1021 N. Lake St., Burbank, CA 91502 (213) 843-0530

Pioneer Marketing Corp. manufactures and markets the Pioneer-Trebes optical printers, laboratory equipment, animation stands, camera tracks, and custom designed photographic equipment. Pioneer also installs complete motion picture laboratories and special effects operations. Also included in their product line are liquid gates, additive light sources, film cleaners, color analyzers, film gate photometers, focusing devices, densitometers, pH meters, film processors, cameras and motion control computers for optical printers and camera tracks. Pioneer's Photo Instrumentation Division specializes in OEM manufacturing and custom photographic products. Standard units include pin-registered film transports for super 8mm, 16mm, 35mm, 35mm(8-perf) and 70mm film formats. Their Pacer-35 film projector may be used in a variety of applications including special effect videography, simulation, process photography, background projection, post production film viewing and high speed film inspection.

Address inquiries to: the address above.

Steenbeck, Inc., 9045 Eton Ave., Suite A, Canoga Park, CA 91304, (213) 998-4033

Steenbeck, Inc., is currently manufacturing the ST-1901, 6-plate, 16mm editing tables, as well as the ST-921, 8-plate, 16mm editing table. We also import the complete line of

editing equipment manufactured by W. Steenbeck & Co. of Hamburg, Germany, including the ST-60, EBU Time Code System and the ST-1, Recorder/Reproducer.

Address inquiries to: S. Mills.

System Concepts, Inc., 395 Ironwood Dr., Salt Lake City, UT 84115, (801) 486-3833

Manufacturer of microcomputer based, self contained, QuantaFontSM Q series character generators featuring multiple character sizing, teleproduction resolution, extensive international accented fonts, 192 row resident memories with broad composition and editing flexibility, multiple dynamic display selection and extended memory options.

Address inquiries to: W. Welland.

Toshiba International Corp., Broadcast Electronic Systems Div., 292 Gibraltar Dr., Sunnyvale, CA 94086, (408) 734-9172

Toshiba Corp. was founded in 1875 and now ranks as one of the largest companies in the world. In 1919, Toshiba pioneered in the manufacture of transmitting tubes; in 1936 the manufacture of television cameras; and in 1940 their first VHF television transmitter. In recent years, Toshiba has been one of the world's leading suppliers of VTRs (including quad), portable and studio color television cameras, studio equipment and transmitters. In April 1979, the Broadcast Electronic Systems Div. of Toshiba International was

formed to market and service the PK-39 portable color television camera, the PK-31A automated studio camera, the PK-40 computerized automated color studio camera and FPC-10 field production console.

Address inquiries to: R. Fried, Vice President; N. Schneider, Manager Product Marketing; D. Diesner, Western Regional Mgr.; A. Landrum, Eastern Regional Mgr.

Addendum

June 1979 *Journal*, "Optical Television Link Employing a Digitally Modulated Laser" — We wish to express our thanks to Mr. Earl Robinson, Chief, Consumer-Industrial Products Branch, Division of Compliance, Bureau of Radiological Health, for calling attention to the possible hazard of the laser link described in the article and filed with the BRH. While the described system meets the Class I limit for radiant power which may enter the human eye through its 7-mm diameter aperture, it may exceed this limit should a beam of the same radiance enter the eye through an aperture of 80-mm diameter, as might occur if the laser link is directly viewed through binoculars. Work is in progress to suitably modify the laser link to meet the performance standards for laser demonstration products. No deterioration in the quality of the television transmission is anticipated.

TV FRAME GRAB!

Grab it, store it, process it.

The CVI 274 Video Frame Store allows you a choice:

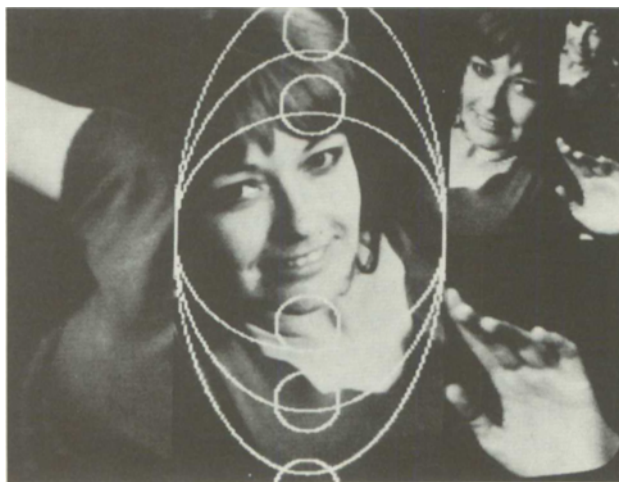
- put video in, get either digital or video out
- put digital in, get digital or video out

Standard features:

- 256 level grayscale
- resolution to 256x512 pixels
- store a single field or full frame of video

And the 274 interfaces easily with most minicomputers.

Specifications cheerfully sent on request.



Colorado Video Incorporated

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