

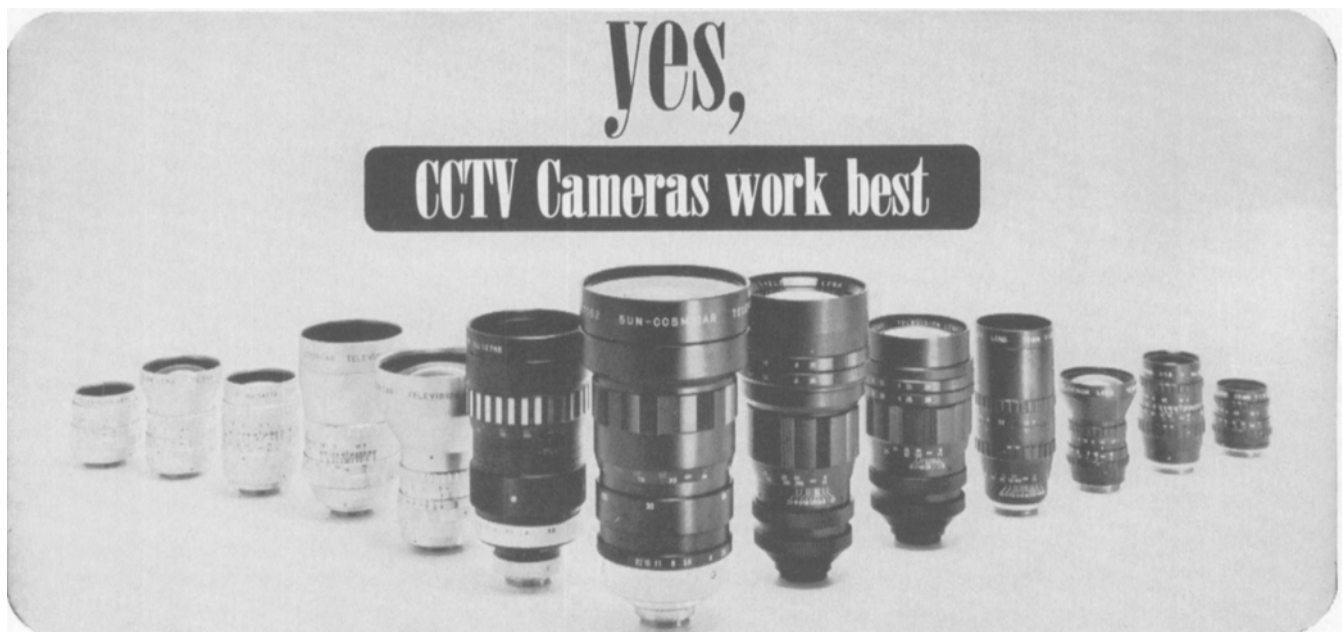
Trends in audio-visual and recent technological advances were recently discussed by a panel of experts at the University of Southern California's School of Cinema. Members of the panel, which was sponsored by the Society, were concerned with such matters as the possible deleterious effects of a silver shortage on the advance of audio-visual communications; the demands of the "learning industry" on film production, television and audio-visual media; recent developments, such as thermoplastic recording, electrophotography and the creation of color film from a strip of black-and-white film, a development undertaken by American Broadcasting Co. The panel also discussed micro-miniaturization of transistors and circuit components and the development of lasers which might lead to three-dimensional pictures.

Panel moderator was Neal Kcehn, Vice-President of DeLuxe-General Film Laboratories, Hollywood. Among the panel members were Ted Fogleman of Consolidated Film Industries, Frank Gaskins of Ampex Corp., William H. MacCallum of Modern Learning Aids, and James Butterfield of Color-Tel Corp.



Movielab and DeLuxe Laboratories sponsored a joint exhibit at the WCBS-TV Career Fair at Kingsbridge Armory in New York City, May 1-5, 8-12, held in cooperation with the New York City Board of Education. The joint Movielab-DeLuxe exhibit pinpointed the career opportunities available in the motion-

picture film processing trade. More than 140,000 school youngsters passed through the exhibit. Shown at the exhibit are (left to right) G. Carleton Hunt, DeLuxe President; Congressman Jonathan Bingham; Saul Jeffee, Movielab President; and Chuck Vitello, President of Local 702, Motion-Picture Laboratory Technicians, IATSE.



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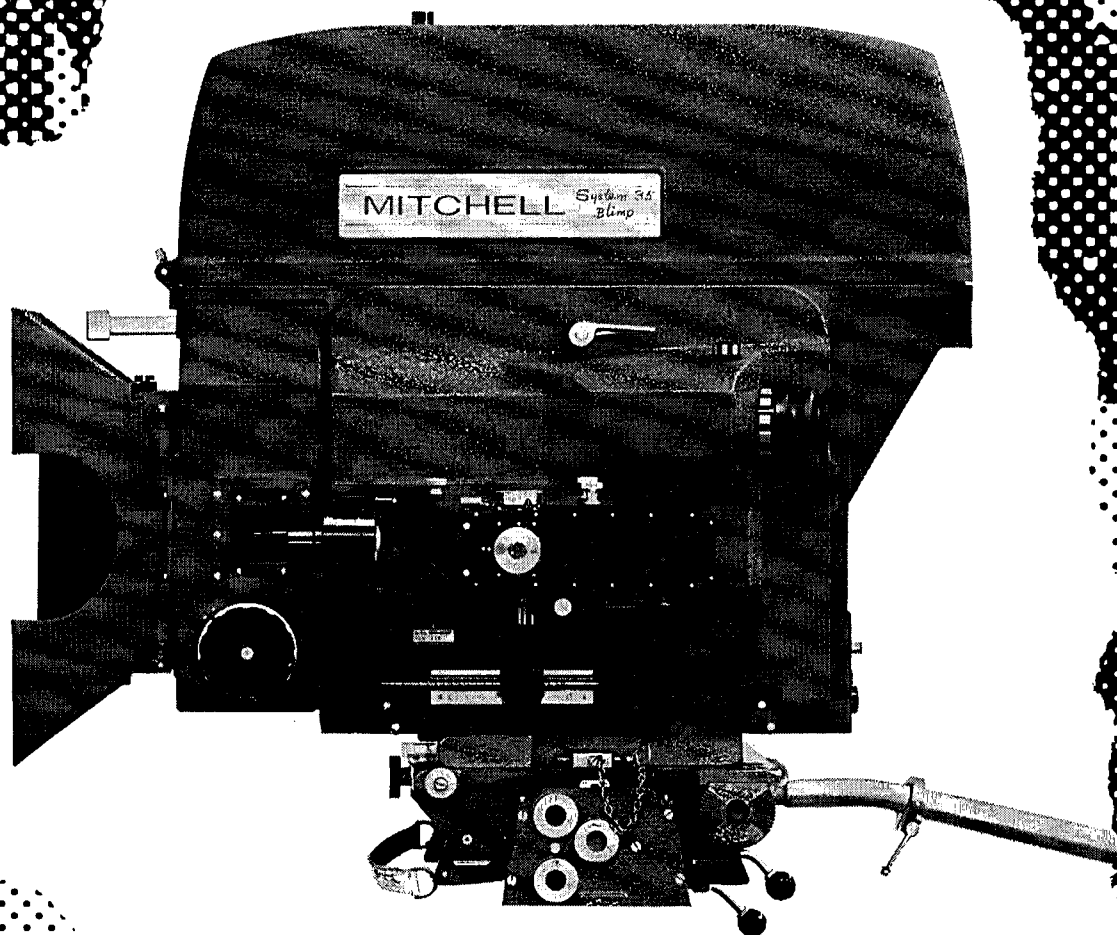
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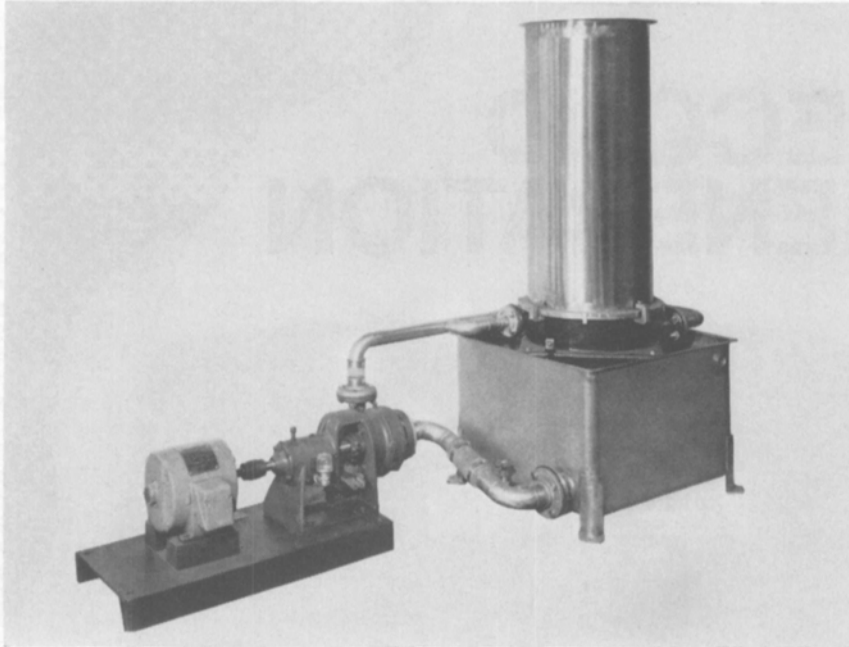
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F&B/Ceco Industries, Inc., 315 W. 43 St., New York, N.Y. 10036, has acquired the common stock of S.O.S. Photo Cine Optics according to the terms of a contract between the two firms and pending the approval of the stockholders. Announcement was made by Arthur Florman, President of F&B/Ceco. Mr. Florman said that this move is one of a series of acquisitions planned as part of an overall expansion program. Several new departments will accrue to F&B/Ceco as a result of the acquisition, including theater projection equipment, motion-picture laboratory equipment, a complete line of proprietary products and additional mail order and export activities. The S.O.S. branch office in Hollywood will be merged with F&B/Ceco and will move to larger quarters to accommodate the complete line of F&B/Ceco rental equipment.

The executive staff of S.O.S. will remain with F&B/Ceco. Reginald Armour, President of S.O.S., will become Vice-President of the combined firms in Hollywood. Newell Crawford, former Vice-President of S.O.S., will become President of the S.O.S. Division with headquarters in New York. He will also act as Vice-President and Financial Officer in charge of acquisitions and purchasing. Dom Capano, former Vice-President and General Manager of S.O.S. will become Vice-President of Sales and Export of F&B/Ceco.

An equipment robbery has been reported by Creative Films Inc., 1189 Rue Guy St., Montreal, Que., Canada. The stolen equipment, with serial numbers, is:

(a) Eclair NPR #703; two magazines #77 and #79; Switar lens, 16mm, ARN #410198; zoom lens 12-120 type 10 X 12B, #1148557 CAL-mount.

(b) Auricon Cine-Voice, Camera service conversion #31116; Zoom lens #1083148 C-mount Angenieux 12 X 120; two 400 ft magazines #3108 and #376.

(c) One Frezzolini power pack D-200 #7299.

(d) Arriflex 16mm with 4-lens Schneider-Kreusnack-Xenon: 11.5mm #4951736, 16mm #4866196, 25mm #4841536, 50mm #3367318; Angenieux 12-120mm #1083157.

(e) Bolex H-16 #165536 with lenses.

(f) Two complete audio boxes with microphones, ear phones, amplifier and accessories.

(g) One frezzolite 30-V battery #997; one belt 30-V battery; one Eclair battery, leather case; two power belt Eclair battery; tripod, stand; Sun Guns and other similar equipment.

Information on any of the stolen equipment should be forwarded to Mr. M. Brociner, Creative Films Inc., address above.

Noise and Vibration Reduction and Modern Techniques in Signal Processing are two of the many Special Summer Programs offered by the Massachusetts Institute of Technology, Cambridge, Mass. The programs are of two or one week's duration. The Programs began Tuesday, June 13 and continue through the second week in September. The Noise and Vibration Reduction Program runs Aug. 7-18; Modern Techniques in Signal Processing extends from Aug. 21 through Sept. 1.



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contrast" camera originals. Just introduced is new EASTMAN EKTACHROME R Print Film, Type 7388.

EKTACHROME R Film will extend your use of EF and MS dramatically. You'll use it for keeping a record of the camera original. For circulating (most economically, up to about ten copies) documentaries or industrial films. For delayed broadcast of network features. We think you'll be delighted with the quality of the copy—it takes a sharp

eye to tell it from the original. And you'll like the fact that it, too, goes into the new (and faster, cleaner) ME-4 Process.

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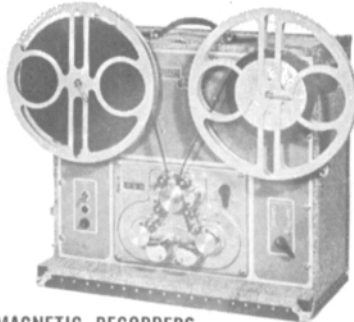
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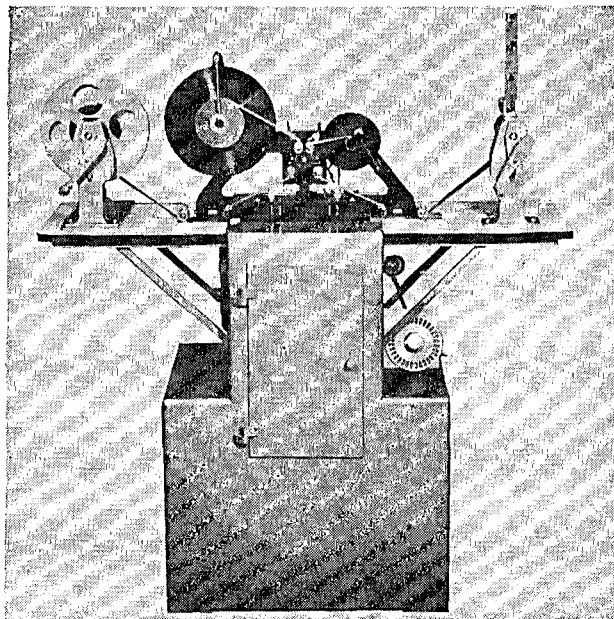
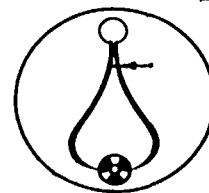
Tuition is \$400 and academic credit is not offered. Information and application forms are available from the Director of the Summer Session, M.I.T., Cambridge, Mass. 02139.

The University of Southern California Div. of Cinema and Universal Studios are jointly offering a program whereby ten graduate students at the USC Cinema Div. will get a firsthand look at the operation of a film studio. The program, described as the first of its kind in the industry, operates without text or teacher and allows two units of academic credit. Students spend each Thursday from 9 to 5 on the Universal Lot. At each meeting there is a new subject. When the semester ends, the group will have been exposed to everything from administration, budgets and casting to script-buying and wardrobes. All presentations are made by first-line Universal executives, department heads and production people. Each student must keep a complete journal covering the presentations and his own reaction to them. A part of his journal will be copies of contracts, scripts and other documents that are studied. All sessions will be taped to provide verbatim records of the experience. Before the program's end, each student will be given a script for which he must prepare a budget, determining what it would cost to actually produce the work as a film. Plans are to conclude the course with a 10-hour Evaluation Day during which the students and studio personnel will review and assess the program. The Universal-USC program is the result of the work of Albert A. Dorskind, Vice President and Treasurer of MCA, Inc., parent company of Universal; and Dr. Bernard Kanter, head of USC's Div. of Cinema and associate dean of USC's School of Performing Arts.

The SPSE held a two-day seminar on Photographic Systems for Engineers June 8-9 at the Holiday Inn, Newton, Mass. The tutorial seminar for nonphotographic engineers and senior technicians contained an intensified program designed for employees who have occasion to use photo-optics in their jobs. Emphasis was placed on photographic processes and techniques and their application as measuring, data collection and information storage methods. Design criteria for the development of photographic equipment and for the efficient use of existing equipment was discussed. Program Chairman was Fordyce M. Brown, Photomechanisms, Inc. As an adjunct to the seminar, the Boston Chapter of the SPSE held a one-day seminar on the Application of Lasers to Photography and Information Handling, June 7.

The 36th Annual Meeting of the Inter-Society Color Council was held Monday and Tuesday June 12-13 at the Statler Hilton Hotel in New York City. Monday was devoted to subcommittee meetings of the Problems Committee. Tuesday morning ISCC Secretary Ralph M. Evans, Eastman Kodak Co., Rochester, gave a lecture entitled, "The Perception of Color." On Tuesday afternoon there was a symposium at which the following papers were presented: "Metameric Situations in Art and Industry," "The Problem of Color Meta-

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merism From an Industrial Viewpoint," "Degree of Metamerism," and "Metamerism — A Study in Dimension."

The Marconi Company, Chelmsford, Essex, England, is supplying the first studio equipment for an Educational Television Service covering 1,300 schools and colleges in Inner London. A Television Center, initially with two studios, is being established at Laycock School in Islington by the Inner London Education Authority. This should be the start of a scheme that will be the largest closed-circuit system in the United Kingdom and one of the most advanced and ambitious in the world. A permanent team of engineers and technicians will staff the Television Center at New London. The production program will be carried out by teachers who have been trained in television techniques. These facilities will be used initially for giving practice and instruction to London teachers.

The Dade County Board of Public Instruction, Miami, Fla., has awarded a contract for the installation of the first phase of a complete 2,500-MHz television network to Micro-Link Systems, instructional TV wing of Varian Associates, Copiague, N.Y. 11726. The new TV system will be used to telecast and distribute instructional television programming and to maintain uniformly excellent curricula for all grade levels throughout Florida's Gold Coast. Micro-Link/Varian had been selected by Broward and Palm Beach Counties earlier this year. When the first phase of construction is completed this fall, the district will be able to telecast instructional programs to 41 junior high schools throughout Dade County. In its final stage, the network will have 4-channel capability to transmit programming to elementary schools, senior high schools, and for administrative purposes and in-service teacher training. The network will blanket more than 200 schools.

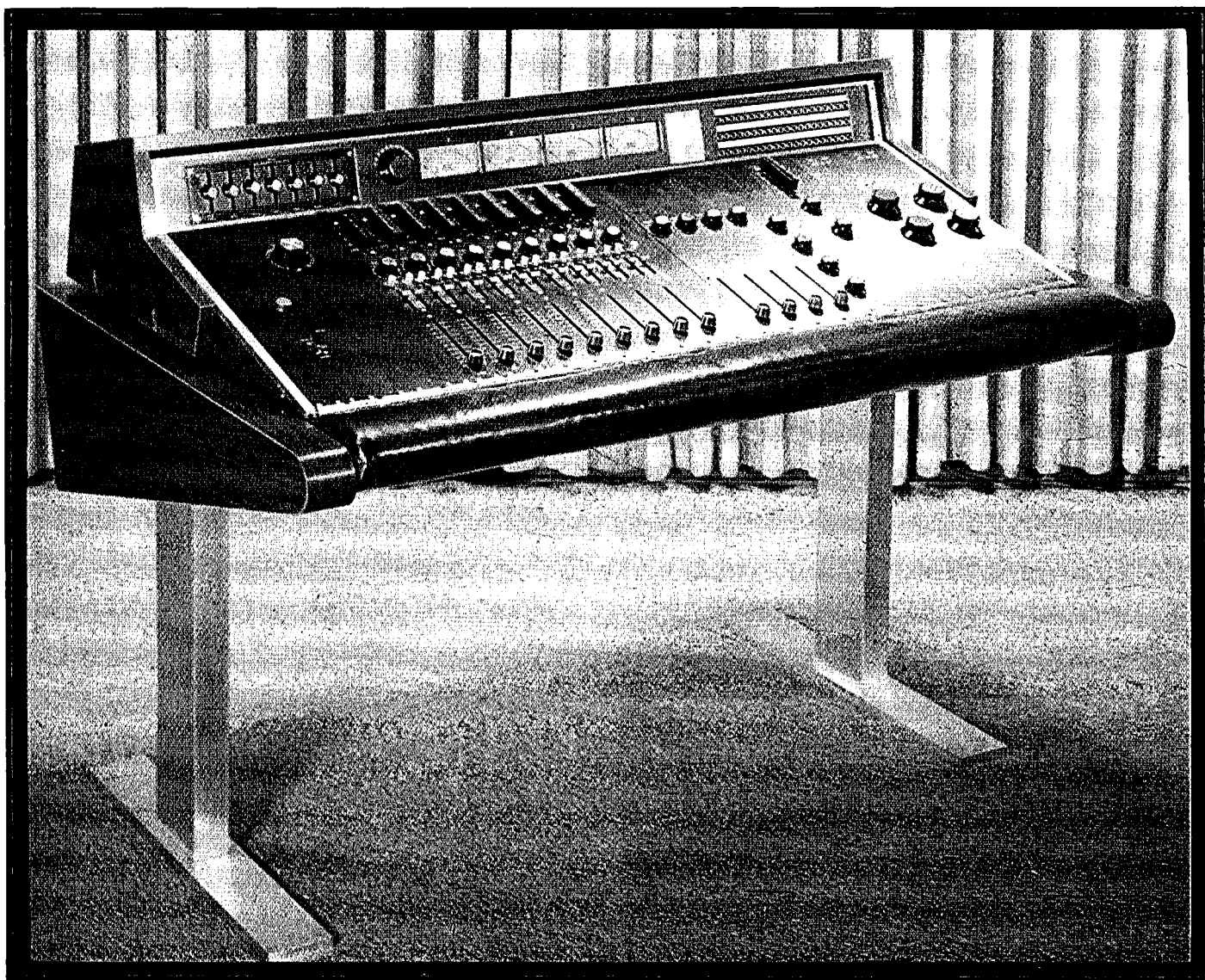
The 11th Annual San Francisco International Film Festival will be held Oct. 20-29 at the Masonic Auditorium. Last year's successful festival brought over 400 entries from around the world. Films will be judged in three categories: television, film as communication, and film as art. Judges from professional, educational and art-film areas will award various cash prizes totaling \$1,000, including special awards for the best experimental film, and the best use of animation. Outstanding entries will be shown publicly. Entries must be submitted by Aug. 15. The address for information and entry forms is San Francisco International Film Festival, Greater San Francisco Chamber of Commerce, 420 Montgomery St., San Francisco, Calif. 94104.

CINE, The Council on International Nontheatrical Events, Washington, D.C., has selected ten amateur film productions, slated to receive Cine Eagle Awards, to represent the United States abroad this year at various film festivals. Two of the motion pictures were made by adult amateurs. Eight films were made by teenagers who reached the finals from more

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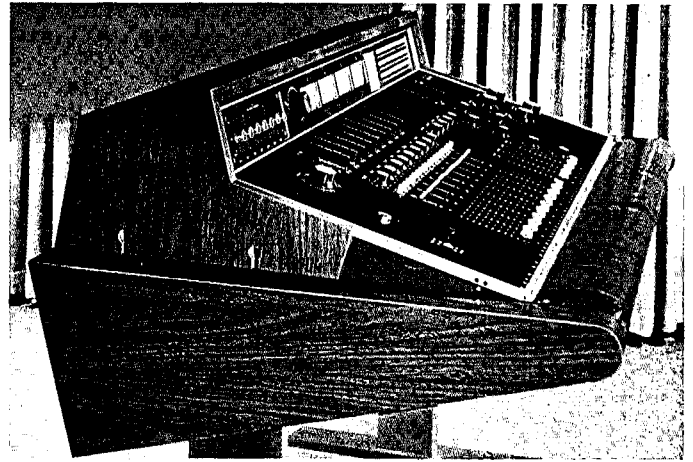


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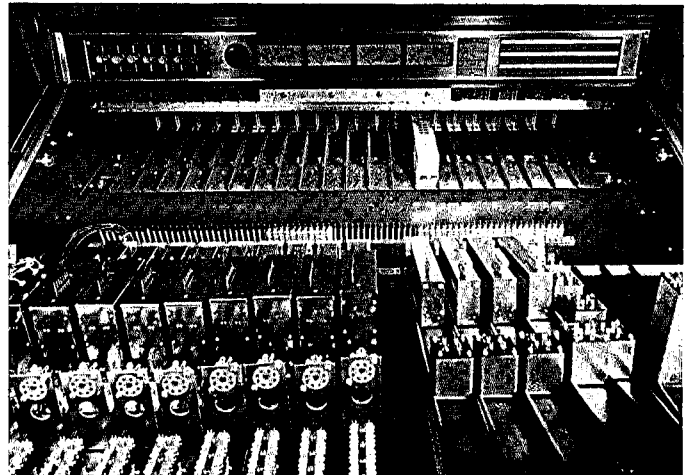
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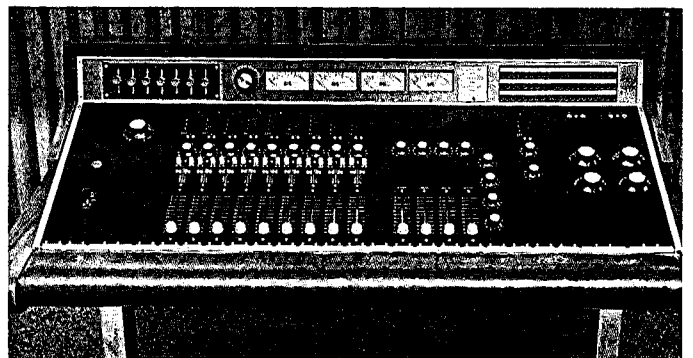
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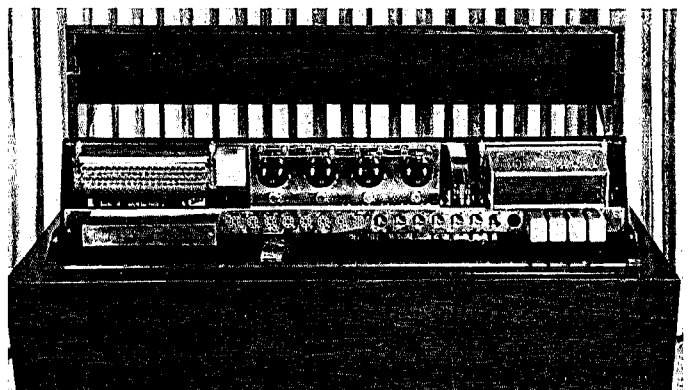
Side view showing 9200, 9201 and 9202



Front view with all modules in hinged forward position



Front view of 9200 console



Rear view with cowl raised, showing easy accessibility to wiring



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than 200 entries in the Kodak Teen-Age Movie Awards. The initial judging was by film teachers who are members of the University Film Producers Assn. The Cine Eagle Award, similar to the Golden Eagle for professionally made films, is recognition that a film has been chosen for overseas film festivals. Cine Eagle certificates will be awarded to each filmmaker at the annual CINE program in Washington, D.C., Nov. 17.

CINE, The Council on International Nontheatrical Events, has renamed Alden H. Livingston, Du Pont advertising executive, President at its annual meeting May 20 in Washington, D.C. The CINE Board also elected Reid H. Ray, Reid H. Ray Film Industries, St. Paul, Minn., First Vice President. Newly-elected Vice-Presidents-at-large are Rev. David Poindexter, National Council of Churches, New York; and Dr. Don G. Williams, University of Missouri, Kansas City. Six Vice-Presidents were reelected: J. Edward Oglesby, State Dept. of Education, Richmond, Va., film selection; Dr. Anna L. Hyer, DAVI, National Education Assn., Washington, D.C., festivals; Thomas W. Hope, Eastman Kodak Co., Rochester, information; Charles Dana Bennett, Farm Film Foundation, Washington, D.C., finances; Brig. Gen. (ret.) Willard Webb, Clifton, Va., awards and exhibition; and Ralph Creer, American Medical Assn., Chicago. Alfred W. Bruch, President of Capital Film Laboratories, Inc., Washington, D.C., was elected Treasurer. Reelected secretary was Peter Cott, Executive Director, National Academy of Television Arts and Sciences, New York; and as Coordinating Director, Dr. Harold E. Wigren, DAVI of National Education Assn., Washington, D.C. Four new board members were elected: Charles A. Bemant, Filmscope, Inc., New York; J. Carter Brown, National Gallery of Art, Washington, D.C.; Charles Guggenheim, Washington, D.C.; and Willard Van Dyke, Museum of Modern Art, New York.

The first hologram ever distributed to a mass audience was sent to the readers of *Laser Focus* a magazine reporting developments in laser and electrooptics technology and published by Advanced Technology Publications, Newtonville, Mass. The hologram was prepared so that even a penlight would provide a weak image. Holograms provide actual three-dimensional images that are exact replicas of the original object except they are composed completely of light. Production of this mass-produced hologram was made possible by the holography techniques developed by Photo Technical Research, Inc., Ann Arbor, Mich.

Calvin Productions, Inc., 1105 Truman Rd., Kansas City, Mo. 64106, has completed its facilities for reduction printing and processing of both optical and magnetic sound for standard and super 8 motion-picture film. According to a recent announcement, the facilities are geared to meet the increasing demand for super 8 sound film for educators, training directors, sales organizations and others. The company's decision to process both optical

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Send resume to Mr. Louis A. Hoyda, Professional Staffing, Department I.P., The Perkin-Elmer Corp., Electro-Optical Division, 50 Danbury Road, S. Wilton, Conn. 06897. An equal opportunity employer.

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and magnetic sound was prompted by the recent introduction of movie projectors for both types of sound.

Bell & Howell Co., 7100 McCormick Rd., Chicago, Ill. 60645, plans to acquire **Greentree Electronics Corp.**, Costa Mesa, Calif., according to a joint announcement of both companies. Greentree is a manufacturer and marketer of magnetic tape for audio recorders and prerecorded audio materials for home entertainment. The announcement followed approval by the boards of directors of both companies of agreement in principle on an acquisition plan, the terms of which were not disclosed. Consummation of the acquisition is subject to completion of a final agreement.

Republic Corp., 9601 Wilshire Blvd., Beverly Hills, Calif., has signed an agreement for the acquisition of the business and assets of **Precision Dipbrazo, Inc.**, producers of electronic chassis, waveguide components and heat exchangers for the electronics, aircraft, missile and space industries. The company will operate under its present management as an autonomous division of Republic.

A new training center where TV station and network engineers can learn the operation of color TV studio equipment has been opened in Camden, N.J., by the RCA Broadcast and Communications Products Div. According to the announcement, many of RCA's top equipment engineers will conduct seminars to acquaint visiting broadcasters with color cameras, TV tape recorders and other apparatus. The center occupies approximately 7,000 ft² in RCA's principal office building in Camden and includes a color TV studio for "live" camera demonstrations, a color TV film area, a color TV tape area and a master control center. The equipment complement approximates that of a small, modern TV station studio.

The **National Aeronautics and Space Administration (NASA)** has awarded a \$29.7 million contract to **Radio Corp. of America** to help develop an advanced meteorological satellite that will provide more extensive coverage of earth weather conditions at less cost than present operational space systems. Designated **TIROS-M**, the weather watching spacecraft is a second generation offspring of the **TIROS Operational System (TOS)** satellites built by RCA. **TIROS-M** will be developed at RCA's **Astro-Electronics Div.**, Princeton, N.J., under the technical direction of NASA's **Goddard Space Flight Center**, Greenbelt, Md.

The contract calls for one research and development **TIROS-M** and three operational satellites. The **R & D** flight is expected in 1969, with the initial operational spacecraft, identified as improved **TOS**, slated for 1970. User and sponsor of the spacecraft after it becomes operational will be the U.S. Dept. of Commerce's **Environmental Science Services Administration**, which operates the current **TOS** satellites that are renamed **ESSA** (for **Environmental Survey Satellite**) when they achieve orbit. **TIROS-M** will be capable of taking nighttime as well as daytime pictures of cloud

Troubled by out-of-focus pictures?

Troubled by emulsion

pile-up in your camera gate?

Troubled by distracting camera

noise when shooting subjects who should not be distracted from what they are doing?

Troubled by cameras that are always in need of repair and adjustment?

If so, switch to Auricon, the only 16mm Camera that guarantees you protection against all these troubles, because it is so well designed! The Auricon is a superb picture-taking Camera, yet silent in operation, so that at small extra cost for the Sound Equipment, it can even record Optical or Filmagnetic sound in addition to shooting your professional pictures.

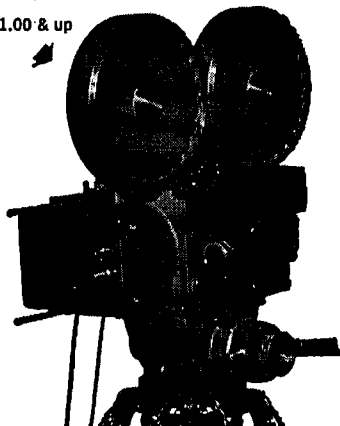
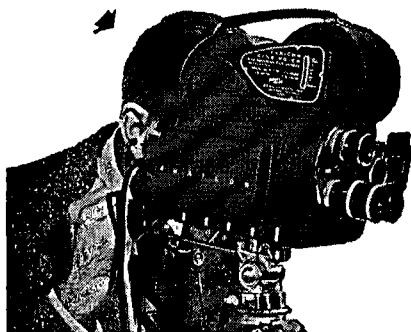


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AURICON PRO-600, takes 600 ft. Runs 16½ min. \$1871.00 & up

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16MM CAMERAS SINCE 1931

cover and of carrying instrumentation not on its TOS predecessor.

R & H Products Ltd., 4930 Courval St., Montreal, Que., Canada, has announced the opening of a new branch in Toronto. Facilities include a sales office, showroom and stockroom. Telex service has been established between the Montreal and Toronto offices. The new Telex number is 01-26644.

A special service facility for filmmakers using the Eclair 16mm NPR camera at EXPO 67 has been set up in Montreal. This service is in addition to those available at Eclair dealers throughout the U.S.

and Canada. Special facilities will also be available at the 1968 Winter Olympics in France, and the Summer games in Mexico. Address of the Expo 67 facility is Onyx Films, 355 Place Royale, Montreal 1, Canada. Addresses of the Olympic Games facilities are available from Eclair Corp. of America, 7262 Melrose Ave., Los Angeles, Calif. 90046.

Photomechanisms, Inc., Huntington Station, N.Y., has acquired the assets and business of Scanoptic, Inc., Woodside, N.Y., according to a recent announcement. Photomechanisms manufactures photographic and optical instrumentation and systems while Scanoptic has specialized in optical design and the manufacture of optical systems. Photomechanisms will

conduct the business formerly conducted by Scanoptic, Inc., through the new Scanoptic Div. of Photomechanisms, the plant of which is located at 15 Stepar Pl., Huntington Station, N.Y.

A license agreement has been entered into by Fernseh GMBH, Darmstadt, Germany, and the General Electric Co., Syracuse, N.Y. Under the agreement, Fernseh will manufacture a live color television system using the basic design of the PC-19-A camera head of the General Electric PE-250. The PC-19-A camera heads manufactured by General Electric will be modified to a European version in Darmstadt to meet the special conditions of European broadcasting.

Todd-AO has begun distribution of magnetic film and tape made by Ilford, Ltd., of England, according to a recent announcement. The Ilford magnetic tape and film will be marketed through Todd-AO's four sales offices in New York, Hollywood, Chicago and Nashville. Additional offices are planned for other cities. Sales and service will be restricted at present to the professional recording market, catering exclusively to motion-picture, sound and recording studios, the announcement said.

Gordon Enterprises has been appointed western distributor for the Richter Reflex Autocollimator, a precision instrument used for checking and testing photographic optics. With the Autocollimator, the quality of the image formed by a camera lens can be observed under high magnification directly on the film. In motion-picture cameras, this permits the immediate observation of the quality of the image formed on running film. Additional information is available from Gordon Enterprises, 5362 N. Cahuenga Blvd., North Hollywood, Calif.

Television Zoomar Co. has moved its headquarters office from 500 Fifth Ave. in New York City to 870 High Ridge Rd., Stamford, Conn. 06905. The new TV Zoomar telephone number is (203) 322-6969.

The Educational Products Information Exchange (EPIE), 52 Vanderbilt Ave., New York, N.Y. 10017, was the recipient of a \$103,109 grant from the USOE. The grant was for a feasibility study to examine whether the concept of EPIE could be transformed into a viable and useful service agency. EPIE is a disinterested, nonprofit agency, developed by and for education professionals. EPIE gathers, codifies and disseminates information about specifications, characteristics and actual school performance of instructional materials, equipment and systems for pre-school through junior college students. The organization will begin publication of *The EPIE Forum* in September.

Conrac Corp. officially inaugurated its new building in Covina, Calif., May 21. The building, a 125,000 ft² television display production facility, contains general offices, sales, engineering and production facilities. According to the announce-

CF₂ ULTRASONIC CLEANER for MOTION PICTURE FILM

Presented The Academy of Motion Picture Arts and Sciences Award of Merit for Outstanding Technical Achievement.



Ultrasonic energy is the most effective and economical way to thoroughly and rapidly clean motion picture film without mechanical scrubbing and wiping. The cold boiling effect (cavitation) of ultrasonic energy performs the entire operation. Only the solvent touches the film and a forced air, flash dry-off removes all solvent and residue.

- Restores clarity and sound to maximum quality.
- Enhances the entertainment value of motion picture film and improves commercials.
- Assures static free film with color balance undisturbed.
- Cuts projector maintenance costs . . . no dirt or dust carried into gates and orifices . . . less breakdowns.
- Completely automatic . . . requires only loading and unloading.
- Costs only 1/20 of a penny per running foot to operate.
- Used by every major motion picture lab in the world.

DESCRIPTIVE BROCHURE WILL BE SENT ON REQUEST.

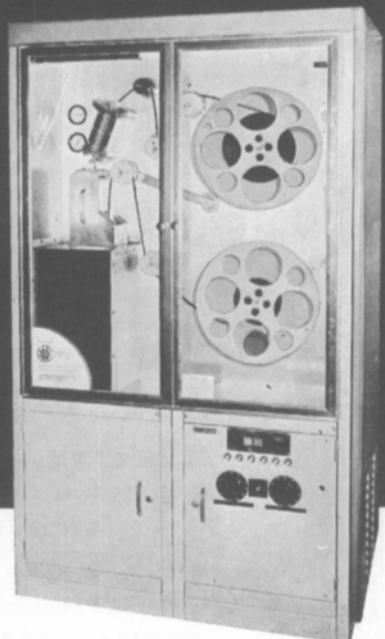
Patents

USA—2,967,119 Luxembourg—37,634
Belgium—582,469 Great Britain—909,421
France—1,238,523 Other World Pats. Pend.

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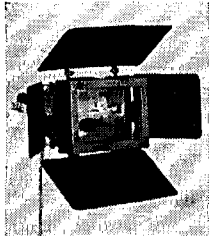
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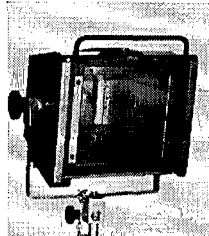
Dichroism (di'kro·izm),*n.* The property by which a crystalized body exhibits different color according to the direction of light transmitted through it.

A dichroic filter has the ability to both transmit and reflect the different primary colors of an artificial light source. Its purpose is to convert the Kelvin color temperature from 3200° K, standard for interior lighting, to 5600° K, the ideal simulation of sunlight. Boston-Lite dichroic daylight conversion filters do NOT add blue to the light source, as conventional glass filters do. Instead, their dichroic coatings reflect the red portion of the spectrum, and permit the intense blue region to be transmitted.

Boston-Lite dichroic daylight conversion filters are specifically formulated in a high-vacuum deposition chamber by an extremely precise and patented process. This new development assures a normal operating corrected Kelvin color temperature of 5600° (±200°), and complete stability. Color temperature will not vary with age or heat! They're easy and safe to clean—fingerprints wash right off. Pyrex glass construction, in a sturdy steel frame.



Boston-Lite Dichroic Filter #M-10 shown on Colortran LQM-10/WYB (Mini-Lite "10").



Boston-Lite Dichroic Filter #VB-10 shown on Colortran LQBF-10 (Variable Broad).



Boston-Lite Dichroic Filter #5 shown on Colortran LQF-10 (Multi-Beam "1000").

Model No.	Sizes Available:		Price
6	5¼" X 5⅝"	for Colortran 650 w. Quartz Duals	\$23.75
M-6	4¾" X 4¾"	for Colortran Mini-Lite 6	23.75
10	6⅝" X 6⅝"	for Colortran Quartz 1000 w. Duals: 650 w. Multi-Beam	30.85
M-10	4½" X 6"	for Colortran Mini-Lite 10	30.85
5	7⅝" X 7⅝"	for Colortran 1000 w. Quartz Wide Flood, Multi-Beam; Mole Quartz Mickey Mole	38.50
MB-10	6½" X 11¼"	for Colortran 1000 w. Quartz Single; Multi-Beam Broads	59.50
VB-10	7½" X 8⅝"	for Colortran 1000 w. Quartz Variable Broads	56.50

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ment, the building is one of the largest dedicated exclusively to the manufacture of professional and industrial video monitors and data displays. Conrac has offices at 1600 S. Mountain Ave., Duarte, Calif. 91010, and at 330 Madison Ave., New York, N.Y. 10017.

Dr. Robert Richter, President of Arnold and Richter, Munich, Germany, manufacturer of Arriflex professional motion-picture cameras and equipment, was guest of honor at a reception at the Plaza Hotel in New York, April 20. The reception, celebrating Arnold and Richter's 50th anniversary, was given by the Arriflex Corp. of America, 25-20 Brooklyn-Queens Expressway, West, Woodside, N.Y. 11377.

Arriflex had received an Academy Award for technical achievement the previous week, which was an added cause for celebration. A similar reception was held in Dr. Richter's honor a few days earlier by Arriflex's west coast office in Hollywood.

Theodore W. Batterman has been named General Manager of the newly-formed Systems & Controls Div. of Warner Electric Brake & Clutch Co., Beloit, Wis. Batterman was previously Manager of Development. Prior to joining Warner, Batterman was Vice President—Operations Manager of Hurlertron, Inc., Electric Eye Equipment Div., Danville, Ill., and President of Electronic Systems, Chicago. In 1961 Batterman won an Academy

Award for an automatic light changing system for motion-picture printers.

Edgar Schuller has been appointed Engineering Vice-President of Cine Magnetics, Inc., 520 N. Barry Ave., Mamaroneck, N.Y. 10543. Schuller will concentrate on the company's long-term plan to meet the increasing demand for professional quality 8mm film duplication. He will also continue to supervise the engineering and building of new multitrack 8mm equipment. Schuller was formerly with DeLuxe Laboratories and Reeves Sound Studios.

Edward L. Saxe, Vice-President of Operations, CBS Television Network, New York, has been elected to the Board of Trustees of the Children's Aid Society, according to a Children's Aid Society announcement.

Frank Lewin, Demeter Music, Inc., 128 E. 41st St., New York, N.Y. 10017, composed the original score for the film *A Year Toward Tomorrow*, which won an Academy Award for the Best Documentary Short of 1966.

Arthur D. Clay has been named plant superintendent by Photo-Sonics, Inc., Burbank, Calif. He will be responsible for the supervision of production and manufacturing functions within the plant. Clay was formerly an engineering manager in camera production for Conductron Corp.

Harold Hinkle has been promoted to Vice-President for Operations at the New York Div. of Pathe Laboratories. Hinkle was formerly plant manager of Pathe's New York Laboratory. He has been with Pathe for 22 years in various capacities such as production manager and laboratory manager.

Daniel B. Gallagher has been elected President of Wilding, Inc., 1345 Argyle St., Chicago, Ill. 60640. Gallagher has been with Wilding for the past nine years and most recently served as Executive Vice-President. He was previously Vice-President and Branch Manager of Wilding's Detroit office.

John Claude Tetard has been appointed Midwest Technical Representative for Arriflex Corp. of America, 25-20 Brooklyn-Queens Expressway West, Woodside, N.Y. 11377, according to a recent announcement. Prior to joining Arriflex, Tetard served the midwestern area as a technical representative for several leading European film and camera manufacturers. In his new position, Tetard will complement Arriflex field sales staff and franchised dealers as technical liaison man. He will also serve at trade shows and exhibitions, and will arrange dealer demonstrations.

Itek Corp. of Lexington, Mass., and **Keuffel & Esser Co.** have entered into an agreement to exchange technical information related to such fields as the development of products for engineering documentation and information. Announcement was made jointly by the presidents of the two firms, Franklin A. Lindsay of Itek and Alfred E. Busch of Keuffel & Esser.

Who knows more about building film processors than Filmline? Nobody. And everything we've learned has gone into our newest Ektachrome processor, the FE-50. It is top quality equipment at a sensible price . . . the result of Filmline's productive know-how. Designed and engineered to fulfill the requirements of both large and small TV stations the FE-50 is the most versatile, fully automated Ektachrome processor ever built.

- **EXCLUSIVE OVERDRIVE SYSTEM** — guarantees against breaking or scratching film. The system is so sensitive that film can be held man-

ually while machine is in operation, without breaking film or causing lower film assemblies to rise.

Provisions for extended development to increase ASA indexes to 250 and higher are incorporated. Machine threadup allows use of standard ASA indexes or accelerated indexes because of Filmline's Film transport system features.

- **EASY-TO-OPERATE**—automated controls make this an ideal machine for unskilled personnel.
- **VARIABLE SPEED DRIVE**—speed range of 5 FPM to 60 FPM for Ektachrome emulsions.

ADDITIONAL FILMLINE FEATURES:

- Stainless steel air squeegee
- Impingement dry box
- Torque motor for takeup
- Leak-proof pumps for chemical solutions
- Temperature controlled by precision thermistor controllers
- Construction — all metal
- Tanks and component parts are type 316 stainless steel.

Recent FE-50 Installations: WEAT-TV, WCKT-TV, WMAL-TV, NBC, CBS, WTOP-TV, A-1 Labs, Precision Labs, Film Service Lab.

Now available: Filmline FE-30 Ektachrome Processor, Speed — 30 FPM. Complete with Replenishment System . . . \$15,750. F.O.B. Milford, Conn.

For more details write: SJU-67

