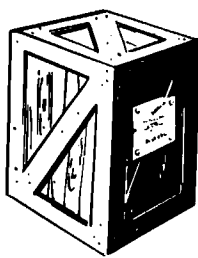


new products

(and developments)

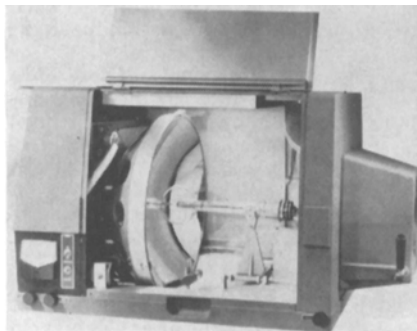


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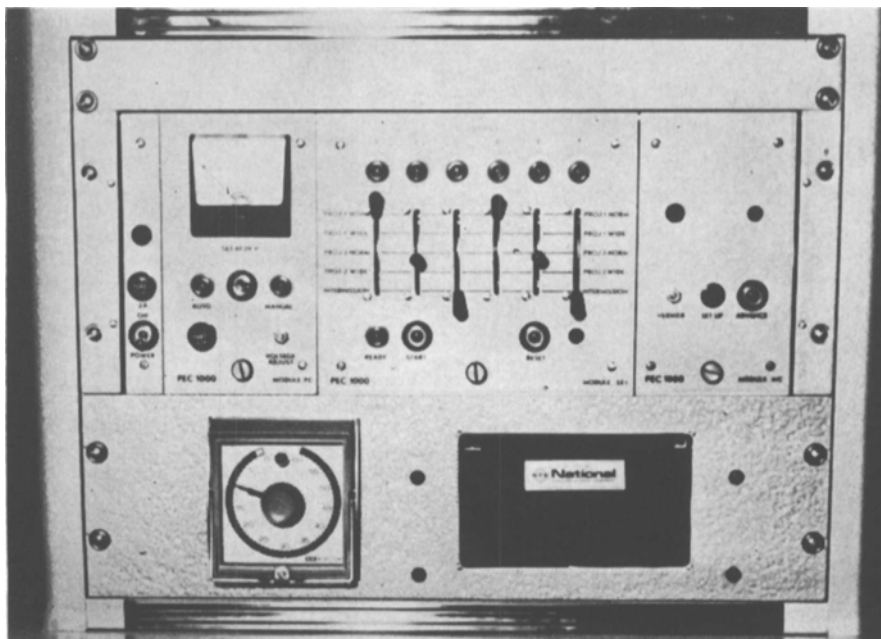
An improved version of the Cine 60 Blimp has been announced by Cine 60, Inc., 630 Ninth Ave., New York, N.Y. 10036. Among improvements to the glass-fiber blimp is a blimped constant-speed motor permanently attached to a new offset motor base used to mount the Arri 35 in the blimp. The blimped motor eliminates motor noise that would otherwise escape into the interior of the blimp. The blimp is also available with a self-contained battery. The blimp is available for rent or sale with the battery.

Ronford Tripods for heavy and medium duty have been announced by Cintron, Grove House, 551 London Rd., Ilseworth, Middlesex, England, sole United Kingdom agents and exporters of Ronford Tripods. The tripods are designed for lighter weight and greater strength. With legs spread at 18 in., the height, closed, is 3 ft; fully extended,

5 ft, 6 in. Weight is 20 lb. The heavy-duty tripod is designed to accept a heavy camera mounted on a Moy or Worrall gear head, or a Vinton Type II pan-and-tilt head. The tripod alone is priced at \$209. Supplied with a Moy 10-in. gear head the price is \$1,409; with the Moy 16-in. head, price is \$2,129; and with the Worrall head the price is \$2,393. The medium-duty tripod is designed to accept medium-weight cameras mounted on Arriflex, Sachtler & Wolf or Miller gear heads. The tripod alone is priced at \$185. Shorter versions are available for heavy duty (\$202) and medium duty (\$178).



A xenon light source capable of projecting motion pictures in theaters of various sizes has been announced jointly by Strong Electric Corp., City Park Ave., Toledo, Ohio 43601, and Westinghouse Electric Corp., Bloomfield, N.J. 07003. The lamp-house, called Strong X-60, uses xenon light bulbs developed by Westinghouse. The bulbs range from 500 W to 6000 W to accommodate equipment for different sizes of theaters. The optical system employs a special 18-in. diameter Tufcold reflector. Focusing, defocusing or varying light intensities can be done by adjusting one control knob.



Projector Electronic Control (PEC 1000), a system for automatic control of projection equipment, is a development of National Theatre Supply Co., 411 Sette Drive, Paramus, N.J. The system is designed for

pushbutton operation so that the projectionist can simply press a button to ignite the lamp, start the soundhead motor, lift the dower, dim the auditorium lights, open the front curtain, handle changeovers and,

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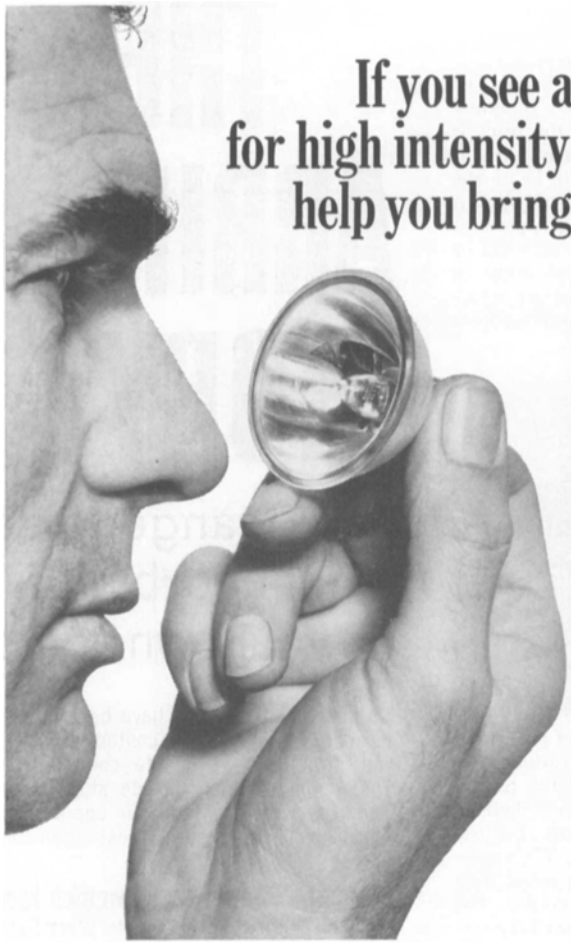
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at the conclusion of the show, shut off the projectors, raise the lights and close the curtain. The system can be installed in a new theater or adapted for use in any theater with Simplex XL, E-7 or Super Simplex mechanisms. The system consists of two film sensing modules and two projector power modules pancaked between each upper magazine roller holder of the mechanisms. The power module provides plug-in for picture changeover, lamphouse auto-strike, Simplex soundhead motor switch, lower fire roller motor shutoff and failsafe device, programmer and control cabinet. In addition, there is a sound changeover consisting of an exciter lamp type module in a 6- by 6-in. cabinet with a cable harness. Major components are pre-wired and designed for simple plug-in operation or replacement. The start button can be remotely located anywhere in the theater. The system can be used for any type or combination of show, including CinemaScope.

New power amplifiers announced by Altec Lansing, a division of LTV Ling Altec, Inc., 1515 S. Manchester Ave., Anaheim, Calif. 92803, include 1595A (1/3 kW), 1594A (100 W) and 1593A (50 W). 1595A is a silicon transistor power amplifier of solid-state design weighing 80 lb. Features include a "dissipation-sensing" device which provides protection for most load impedances, including short circuit. If a malfunction should occur the sensing device compresses the drive signal to maintain a safe output until the fault is corrected. The amplifier is designed for sound reinforcement in systems requiring high power, such as disaster warnings and arena or auditorium sound systems. It is also used with small vibration equipments, tape transports and facsimile machines. It is priced at \$745.

1594A and 1593A also incorporate the dissipation-sensing circuitry. Both amplifiers will operate from 120/240-V, 50/60-Hz ac power lines or 28-V dc power, battery or power supply. 1594A is priced at \$282 and 1593A is priced at \$249.

Also announced were two new Biflex speakers, 419A (12 in.) and 420A (15 in.) Both speakers utilize the principle of damped cone compliances. The entire area of the speaker cone reproduces the low frequencies while the inner portion of the cone reproduces the high frequencies. Model 419A is priced at \$67 and the 420A is priced at \$77.50.

Varotal lenses, including the XX 10:1 zoom lens, for closed-circuit television, the XIV zoom lens, designed to fit all major TV cameras, and the Varotal V lens are among products announced by Albion, Inc., Rt. 303, W. Nyack, N.Y. 10994. The firm also announced the Model 520 servo-controlled pan-and-tilt system. The system is used to position mirrors and lasers in addition to positioning TV cameras. The Varotal XIV zoom lens is available in the "R" package, which features finger-tip control of range converters, and detachable range expander, to obtain an overall zoom ratio of more than 70:1 from the basic continuous range of 16:1. The basic optical unit mounts on slides which may be positioned

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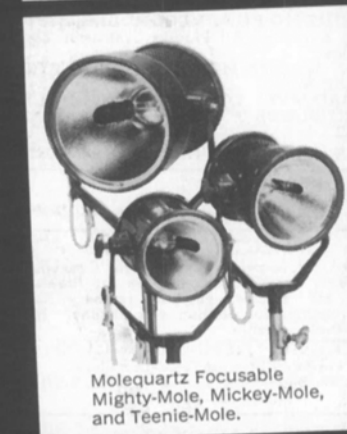
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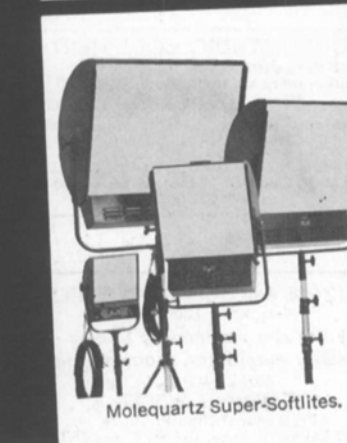
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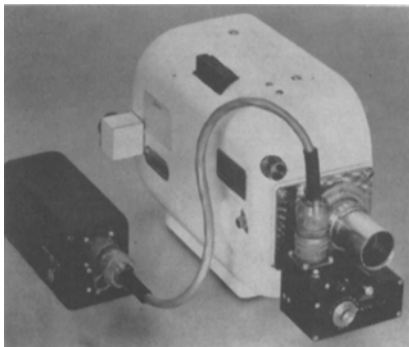
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by the camera operator to obtain minimum focusing distance of less than 1 in.

The Zolomatics TV-100 zoom lens has been announced by Zolomatics Corp., 5875 Melrose Ave., Hollywood, Calif. 90038. The lens, designed for viewfinder cameras, has a push-rod control operated from the rear of the camera. Zoom and focus movements are controlled by the same handle. The lens has a focal range of 20 to 100mm, $f/1.8$ and can be supplied with a $2\times$ extender for doubling the focal range. It is priced at \$750.



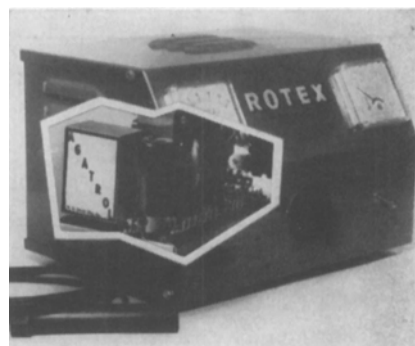
Apex-16, an automatic exposure control unit available for most 16mm C-mount instrumentation cameras, has been announced by Instrumentation Marketing Corp., 820 S. Mariposa St., Burbank, Calif. 91506. The system consists of modular units including iris drive, sensor lens with angle of acceptance to match camera lens, electronic control unit, and remote sensor. Integrated electronic circuitry provides a fast response to varying light values. Features include a range of 16 f -stops with 9 shutter settings and 7 ASA settings adjustable in $1/3$ -stop increments. A typical system with a 28-V dc controller, iris drive, controller cable, iris gear assembly, camera adaptor plate, 25mm lens and sensor, is priced at \$1,803.

A single cable designed to provide all of the electronic requirements of a classroom has been introduced by Continuous Progress Education, 114 Parkway Dr. South, Hauppauge, N.Y. 11787. Called the TLS (Total Learning System) Cable, it is designed for installation in classrooms and other learning spaces at the time of school construction. It provides wiring for the simultaneous use of color television, the origination and retrieval of audio and video tapes, automatic program retrieval, computer input and output, emergency call and fire and burglar alarms as well as more conventional programmed time, public address and intercom. The TLS cable is said to be more economical and easier to install than multiple cable systems. It also has built-in expandability which can accommodate future additional equipment. It requires a single low-voltage conduit and back-box.

Two low-cost portable TV cameras, the STV-4 viewfinder and the ST-4, have been announced by Diamond Power Specialty Corp., P.O. Box 415, Lancaster, Ohio 43130. Each camera has a horizontal resolution of 650 lines and each contains shading correction to provide uniformly bright pictures across the entire viewing screen. The

cameras have silicon transistors and glass epoxy circuit boards. The STV-4 viewfinder weighs 16 lb and is priced at \$1095. The STV-4 is priced at \$695.

The Combilabor, a lightweight, mobile daylight processor for 16mm or 35mm, has been announced by Aerojet Delft Corp., 80 Skyline Dr., Plainview, N.Y. 11803. Designed for on-the-spot processing especially for medical and industrial users, the processor eliminates the need for a darkroom. In operation, the film is drawn from a light-tight 400-ft feed magazine, passed over rollers in successive processing tanks, transported at pre-selected speed and dried in a forced hot-air cabinet. It is then wound on take-up spools, with the emulsion either inwards or outwards. A recessed roller system permits both 16mm and 35mm films to be processed without changing rollers. The processor is available in two models, the Combilabor I for negative and positive, priced at \$4,650, and the Combilabor II, priced at \$8,275.



The Rotex Agatrol, an electronic control device for use on Rotex silver recovery units, has been announced by W. B. Snook Mfg. Co., 751 Loma Verde Ave., Palo Alto, Calif. 94303. The Agatrol adjusts the plating current to the silver concentration in the fixing bath by reducing the current as the silver is removed. It shuts off the plating current when the recoverable silver has been extracted and turns on automatically when the silver is present. The control unit consists of a sensor and a small computer. The sensor, when dipped in solution, modifies the input to the computer and this modification is in a specific and repeatable ratio to the silver ion concentration. With a consistent and programable relationship, it is then relatively simple for the computer to control the output amperage of the power supply from a maximum of about 20 A down to nothing. The price range is from \$216 to \$315 depending on the size of the unit.

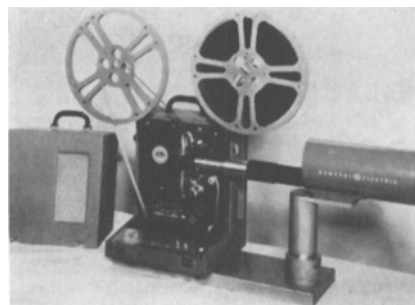
A desk-top television teaching center which permits students to watch TV lessons as they are produced by the instructor within the classroom has been developed by Radio Corp. of America. The instructor selects pictures from a "live" TV camera or from tape or film. The pictures are shown on the desk-top monitors. The control unit can be interconnected with dial-access electronic study systems, such as the RCA Select-A-Lesson. Other equipments introduced by RCA include the TR-5 instructional-type TV tape recording system designed for producing master tapes for

dubbing purposes. The system is priced at \$19,895, including installation. The system includes an electronic splicer and a tape counter.

RCA has also announced newly designed equipment for 2,500-MHz TV called Instructional Television Fixed Service. The equipments include an all-solid-state transmitter, a wedge-type omnidirectional transmitting antenna and a transistorized down converter. The transmitter has color signal capability and is priced at \$11,500. The antenna is priced at \$1,500.



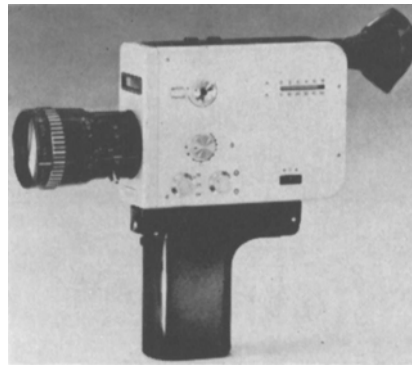
Cine Sound 16, a self-contained 16mm sound or silent projector for audio-visual use, has been announced by Viewlex, Inc., Holbrook, L.I., N.Y. 11741. Features include a built-in rear-projection screen of more than 50-in.² to provide full picture brilliance in ordinary room light and a solid-state 5-W amplifier. Operating modes include regular 16mm projection in forward and reverse, fast forward and reverse at 4X sound speed, single-frame viewing with easy access for frame marking, and frame-at-a-time advance and reverse. A selective access counter allows the user to note a specific frame or segment and return to it quickly. A heavy-duty heat absorbing system plus forced air-cooling prevents film overheating. The projector measures 17½ × 21 × 13½ in. It weighs 51 lb. Components include a 2-in. f/1.6 lens with matching optical system, 500-W projection lamp, reel spindles for 1,600-ft capacity and a fuse-protected electrical system. The projector is priced at \$795.



The L-W 126-TR Model 1500, a special ruggedized version of the Eastman Kodak Pageant AV126-TR 16mm projector, has been announced by L-W Photo, Inc., 15451 Cabrito Rd., Van Nuys, Calif. 91406. The machine is equipped with a special TV shutter and synchronous motor for full compatibility with the 60-scan rate of TV broadcast. Projection is at 24 frames/s with either optical or magnetic sound playback. Features include 2,300-ft capacity, solid-state amplifier with 30- to

20,000-Hz frequency response, solar cell sound pickup, mike and phono inputs, easy-out film gate, fast power rewind and lifetime lubrication. The projector is equipped with a 2-in. f/1.6 coated lens with field flattener. The price is \$1,600.

Spectrum 32, an automated 35mm slide projector designed specifically for color TV broadcast chain integration, has been announced by Spindler & Sautpe, Inc., 1329 Grand Central Ave., Glendale, Calif. 91201. The projector employs two interchangeable 16-slide turrets with single mirror reflection for each channel. The kinematically-positioned sliding mirrors eliminate image motion during slide change. Automatic remote or local control is provided for, and either magazine can be rotated by hand for fast cuing. The unit is equipped with two 500-W projection lamps, each rated at 200 hr. A digital elapsed-time indicator registers lamp-use time to prevent on-the-air lamp failures. Multiple blower systems are installed to keep the slides cool and to maintain the lamps at the proper temperature. Lenses are available for multiplex applications and uniplexing. The projector is priced at \$2,845 without the lens.



The Nizo S 80, a super 8 camera with a built-in electronic time-lapse device, has been announced by Nizo International Corp., One Park Ave, New York, N.Y. 10016. It is a product of Braun-Nizo of Germany, a firm recently acquired by Gillette Co., Boston, Mass. Exposure is automatic and camera speeds are 18, 24 and 54 frames/s. With the time-lapse device, automatic filming from 1 frame/min to 2 frames/s is possible. The camera is equipped with a synchronized electronic flash outlet to permit time-lapse photography in darkness. Other equipments include a Schneider Variogon lens with wide-angle variable-power zoom from 10mm to ultra tele 80mm; a split-image rangefinder; and a fade-in fade-out device. The camera also has a built-in electromagnet for convenient remote control. For extra power the Nizo S 80 uses six 1.5-V batteries stored in the retractable pistol grip. The main switch breaks all circuits of transport and zoom motors and the exposure meter to save battery life and prevent unintentional starting of the camera. The exposure meter operates on a 1.35-V wafer battery, Mallory Type PX 13. Dimensions are 2¾ in. wide, 9¾ in. long (without sunshade), and 8½ in. high with pistol grip in operating position. The weight is 44 oz complete with batteries. The camera is priced at less than \$500.

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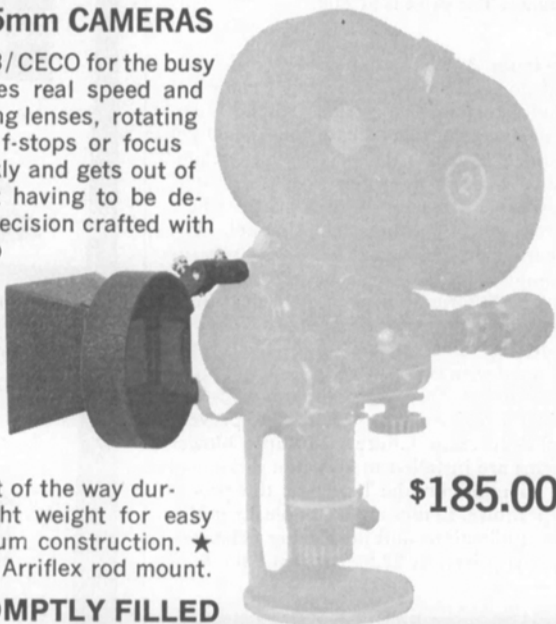
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rate bass and treble controls permit adjusting sound for maximum fidelity. The P6 has a sharp f1.3 lens and powerful 250 watt quartz iodide lamp that team up for brilliant, true-color projection. Its 2000 foot capacity can be extended to 4000 feet, with optional accessory arms. Other accessories include dynamic microphone, accessory speaker system and a choice of lenses from 25mm to 75mm.

You don't have to be afraid of the price, either.

Less than \$1250 with 50mm f1.3 lens, 2000 ft. capacity. Also available with GE Marc-300 lamp and power supply for large auditoriums where longer throw and larger pictures are desired. Allied Impex Corp., 300 Park Ave. South, New York, N. Y. 10010. Chicago, Dallas, Los Angeles. 

Bauer P6 Automatic 16mm portable sound projector

A device for projecting a collimated beam of light for photooptical applications has been announced by Delonics Corp., 32 Union Square East, New York, N.Y. 10003. The device, called the Condensor-Lamp, is an optical condenser which utilizes a double plano-convex lens system. It is available in a number of different lamp voltages, intensities and illuminated areas. It is priced at \$4.50 in quantity.

A cathode-ray tube designed especially for use in airborne radar and other monitor display applications has been announced by Westinghouse Electronic Tube Division, Elmira, N.Y. 14902. Features include 70° magnetic deflection and a 0.004-in. width. The tube, designated WX-30582, is electrostatically focused. It weighs 1 lb, is less than 8 in. long and has a 0.87-in.-diameter neck. It can be mounted in any position.

A new filmstrip guide, specially designed for use with existing Macbeth QuantaLog transmission densitometers has been announced by Macbeth Corp., Newburgh, N.Y. 12550. The device is designed to facilitate easy reading of the progressive tones of sensitometric step wedges used for processing control in photofinishing, graphic arts, x-ray and motion-picture fields and also to provide quick, accurate positioning of soundtracks over the instrument's reading aperture with all film sizes. It is priced at \$89.50.

The Bolex SM8 sound-recording projector, designed to add sound to super 8 films, has been announced by Paillard Inc., 1900 Lower Rd., Linden, N.J. 07036. The projector provides recording, re-recording, super-imposing, erasing and playback, all done by means of pushbuttons. Up to 800 ft of film can be continuously projected and separate motors prevent overheating. During projection, the film can be manually unloaded, run in reverse, at either 18 frames/s or 24 frames/s, or projected silently. Price, including a zoom lens, is \$399.50.



employment service

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Positions Wanted

Lab Supervisor. Chemistry degree, skilled in developing, sensitometry, EC pos/neg, B&W, ME-4 and ECO-2. 15 years experience with large, nationally-known labs. Presently employed but seeking suitable change. Write: Supervisor, 611 S. W. 71st Ave., W. Hollywood, Fla. 33023

Filmmaker. Approximately 12 years experience in all aspects photography. Graduate, motion picture photography course, U.S. Army, Ft. Monmouth, N.J. A.A. degree in television producing and directing from M.I.T., Milwaukee,