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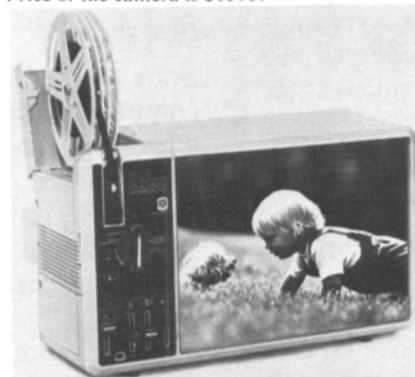
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New Products & Developments

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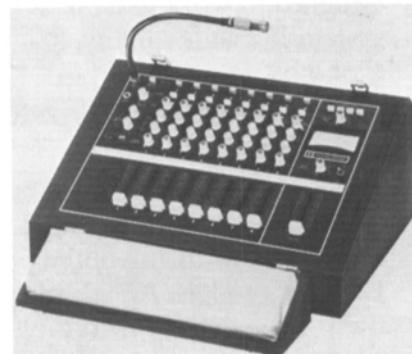


The Beaulieu 4008ZM IV super-8 camera has been announced by Hervic Corp., 14225 Ventura Blvd., Sherman Oaks, CA 91423. The camera is equipped with a Beaulieu-Optivaron (Schneider) 6-70mm power zoom lens, $f/1.4$, with a zoom ratio of 11.7 to 1. A new lens, it incorporates two special switches to provide macrocinematography capability as close as the front element of the lens, and shortening of the zoom ratio from 6 to 70mm to 6 to 40mm. Filming speeds range from 2 to 80 frames/s. Features include almost unlimited lens interchangeability — more than 1000 different still and cine lenses can be used on the 4008ZM IV body. The camera has double-system sound capability (Erlson and Sync Generator types). Price of the camera is \$1595.



The Eumig R2000 Dual 8mm Instant Movie Projector has been announced by Eumig (U.S.A.) Inc., Lake Success Business Park, 225 Community Dr., Great Neck, NY 11020. The projector has a 15-in diagonal built-in screen making it possible for individuals or small groups to view 8mm or super-8 films without using wall screens or free standing screens. For larger groups, the operator may simply swing out a mirror-door to project the image onto a larger wall screen. The projector has a 100-W tungsten halogen light source with a dichroic reflector to project a bright, clear image making it possible to view the films without dimming the room lights. Features include automatic threading, selectable film speeds including freeze frame and convenient front panel controls including super-8 or 8mm format selector. Price of the R2000 is \$390.

The Beaulieu 3008MS multispeed sound super-8 camera has been announced by Hervic Corp., 14225 Ventura Blvd., Sherman Oaks, CA 91423. Features include four different filming speeds — 12, 18, 24 and 36 frames/s. All four filming speeds can be used with either a sound or a silent cartridge. The camera is equipped with a Beaulieu-Optivaron (Schneider) 8-50mm, $f/1.4$ zoom lens. The camera has almost unlimited lens interchangeability for both still and cine lenses. The viewfinder contains two LEDs, a red one to indicate correct exposures and a green one to indicate that sound is being recorded. Price of the 3008MS is \$1595.



The SR101 series 2 audio console (shown above), the SR110 professional monitor mixer and the SR109 professional mixer have been announced by Shure Brothers Inc., 222 Hartrey Ave., Evanston, IL 60204.

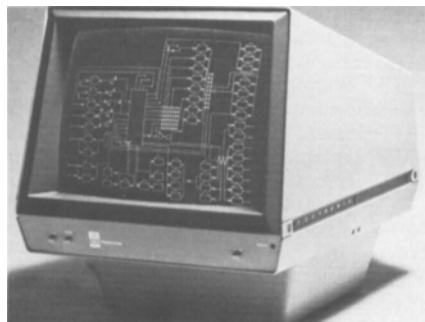
The SR101 series 2 is a rack-mountable, 8-channel mixer/preamplifier designed to provide system versatility with high-quality performance. It has an accessory monitor output for connection of one or more new SR110 professional monitor mixers for use in stage monitoring (foldback), multichannel tape recording or stereo broadcasting.

The SR110 professional monitor mixer is a rack-mountable, 8-input, single-output line level mixer that can be used when a separate stage monitor (foldback) mix is needed in a sound-reinforcement system. Several SR110s can also be used in making multitrack recordings or stereo and quadraphonic broadcasts (two for stereo, four for four-channel, etc.) or as a mix-down panel associated with a sound-reinforcement system. Up to eight SR110s may be stacked and connected with a single SR101 series 2 audio console or the SR109 professional mixer. A mix bus allows two SR110 mixers to be interconnected, providing 16 inputs when connected to two SR101 series 2 consoles or two SR109 mixers.

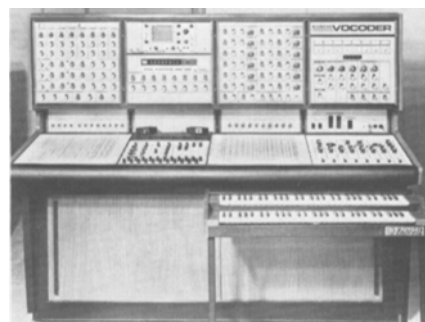
The SR110 may also be used as an accessory to the SR109 professional mixer. The SR109 is a solid-state 8-channel microphone mixer/preamplifier that enables the operator to mix as many as eight microphones with individual control over volume, and high- and low-frequency equalization. The SR109 also features an adjustable peak limiter with an LED indi-

cator to prevent output overloading and a peak-responding LED to indicate output clipping level.

Price of the SR101 audio console is \$1180; the SR110 monitor mixer is \$150; and the SR109 professional mixer is priced at \$660.



The 619 Storage Display Monitor, designed for OEM (Original Equipment Manufacturers) only, has been announced by Tektronix, Inc. The device features both storage and refresh graphics. It has a 19-in direct-view storage tube enabling high-density flicker-free graphics. The 619 also provides stored displays of combined alphanumeric and graphic information from analog sources and digital computers. The OEM systems builder has full control in developing his own analog/computer interface to utilize different capabilities of the 619. A 19-in bistable storage tube eliminates the need for costly memory devices to refresh the display and is said to provide high information density with excellent resolution. Two modes are featured in the 619 — storage and refresh, both controllable by the OEM's computer. The storage mode permits a user to display highly complex graphics consisting of various combinations of lines (vectors), characters and points in an economical manner. This mode permits at least 2048 X 1536 addressable picture elements on the tube. This is equivalent to 3.2 million bits of memory or roughly 200,000 words of 16-bit memory. If refreshed displays are needed, the refresh mode permits a user to construct a display with 3200 in of stored vectors and 630 in of refresh vectors. The 619 is priced at \$7125.

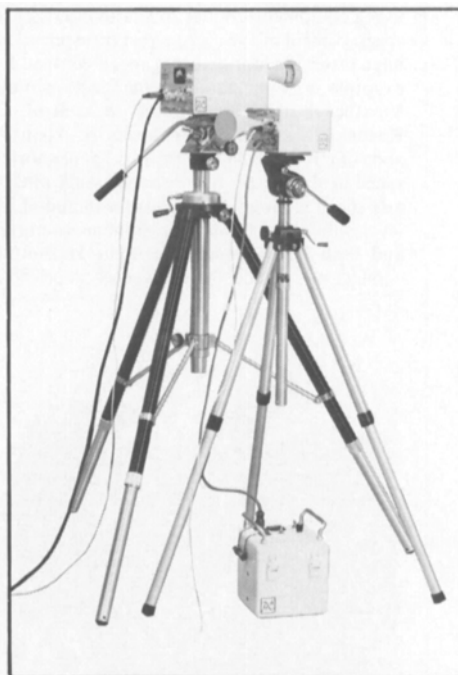


The Synthi Vocoder, an electronic system for producing speech-like effects developed in England, has been announced by Electronic Music Studios of America, Inc., 460 West St., Amherst, MA 01002. The system accepts a speech input and splits it into 22 channels for analysis. The information is then used to re-impose speech characteristics on another sound input. The second input can be of any sound provided it has sufficient harmonic complexity to encompass speech-like characteristics. In effect it can make sounds such as traffic noise "talk" and has numerous other dramatic possibilities. The price is about \$16,000.

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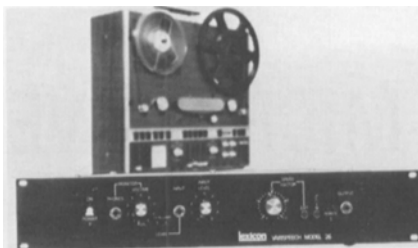


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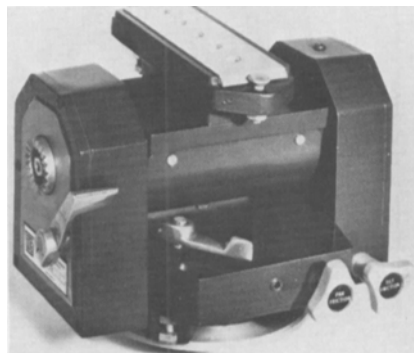
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Varispeech Model 26, a heavy-duty speech time compressor/expander designed exclusively for interface with variable speed sound reproducers, such as reel-to-reel, magnetic tape, disc or film, has been announced by Lexicon, Inc., 60 Turner St., Waltham, MA 02154. The device is designed to permit producers and editors of audio tapes as well as other communication personnel to review voice recordings over a five to one speed range without voice or pitch distortion. Recordings of voice communications can be speeded up to two-and-one-half times normal for quick review or slowed down to one-half of normal for a syllable by syllable analysis.

The new unit is a stand-alone, relay rack mountable system. It uses Lexicon's newly developed microcomputer pitch corrector to eliminate splice noise or pop. Pitch is controlled by a single calibrated speed-factor dial which can be made to operate as a remote control in the user's equipment. Model 26 has an interface for speed control of the reel-to-reel transports that have provisions for external speed control. For example, a simple patchcord connection allows Varispeech's microcomputer to control the Revox capstan speed over the entire expansion and compression range of 0.5 to 2.5 times normal speed to allow exact restoration of voice pitch at any speed setting. Other features include LED level indicators, built-in headphone amplifiers and both XLR-3 and 1/4-in input and output connections. Model 26 Varispeech is priced at \$725.



The ITE-H5 Hydro Head, a television camera head specifically designed for portable, lightweight ENG and studio cameras has been announced by Innovative Television Equipment, P.O. Box 681, Woodland Hills, CA 91364. The head design utilizes hydraulic dampening in both pan and tilt modes. Features include a quick-release camera mounting plate permanently attached to the camera; independent lock-in friction controls for both pan and tilt; adjustable control handle; and counter balance torsion spring for any center of gravity requirement. The ITE-H5 can be used with all ITE trolleys, tripods and pedestals. Available accessories include telescopic control handle, righthand zoom and control handles, wedge adaptor and wedge plate. Cameras of up to 50 lb can be mounted on the ITE-H5. Construction is of rugged, lightweight cast aluminum. The price is \$850.

The modified Eastman Color Negative II Film 5247 (35mm) and 7247 (16mm) has been announced by Eastman Kodak Co.'s Motion Picture and Audiovisual Markets Div. The advances in emulsion technology have been developed to provide improvements in effective exposure latitude, ease of timing, shadow detail, flesh tone reproduction, and extended development. The sharpness and grain characteristics associated with the current 5247 and 7247 have been retained, the announcement stated.

The modified product has been assigned emulsion numbers between 5247-601 and 999. In the 35mm format the modified product will utilize the letter "F" in the footage number prefix. The current product utilizes the letter "H." In the 16mm format the current product carries an edgeprint message of "Eastman ECN Safety Film," whereas the modified product edgeprint message will be "Kodak Safety Film." In addition to the emulsion number identification the label on the modified product has been distinctively imprinted with "Attention Modified Product Requires SR-29 Bleach."

The modifications will be incorporated into all 5247/7247 production as soon as possible, according to the announcement. Because of the probability of increasing demand for the modified product it is expected that there will be a corresponding decrease in the demand for 5254. As this occurs there will be a strong likelihood of the discontinuance of the manufacture of 5254.

The ES 230 4-digit 60-min time calculator/timer has been announced by ESE 505 1/2 Centinela Ave., Inglewood, CA 90302. The device can add or subtract minutes and seconds and, at the flip of a switch, can count and display elapsed time. The timing and calculating modes may be mixed so that an operator may time an interval in the timing mode, flip the switch and add or subtract a time value, then switch back to timing an additional interval. Because the display does not change, the ES 230 can be used as a presettable timer by entering a time while in the calculator mode and then switching to the timer mode. MOS logic and LED displays are used for noise immunity and long life. The device can be used by broadcasters to calculate time segments for programming. The price is \$275.

The Model 9205A degausser designed for erasure of magnetic tape and film has been announced by Wide Range Electronics Corp., 2119 Schuetz Rd., St. Louis, MO 63141. It can be used for complete erasure of program and residual noise from audio, video and data recordings and for bulk erasure of tape cassettes and cartridges. It can also be used with plastic, aluminum or other non-magnetic reels with any type hub and of any diameter up to 17 in and any thickness up to 2 in. The Model 9205A degausser is priced at \$162.80.

The VIF 1000, a reel lock-down retainer for both NAB and RETMA tape reels has been announced by VIF International, P.O. Box 1555, Mountain View, CA 94042. The retainer works with either 1/4-in or 1/2-in reels on both rack and console-mounted recorders. When used with NAB reels the retainer can be permanently locked on the shaft. For RETMA reels, the VIF 1000 is placed on top of the reel and locked on the turntable shaft with the aluminum locking nut. The VIF 1000 knobs are priced at \$13.50 each.