

New Sustaining Members

Eprad, Incorporated, 123 W. Woodruff, Toledo, OH 43620 (419) 243-8106.

Eprad traces its corporate history back to the mid 1940s. The company originally specialized in the production of drive-in theater speakers, an item that Eprad still sells in quantity. Today Eprad is heavily involved in manufacturing sound systems (both monaural and stereo optical), automation equipment, film transports, xenon projection light sources and many other quality items for use in the 35mm commercial motion-picture theater. Eprad occupies a 30,000² ft, two-story factory building in downtown Toledo, Ohio. The company also has an operating division, Applications Group, which manufactures plasma display computer terminals for use in a variety of industries.

Address inquiries to: John J. Burlinson, Jr., at the address above.

Millimeter Magazine, 12 East 46th Street, New York, NY 10017 (212) 867-3636

Millimeter, The Magazine of The Motion Picture and Television Production Industries, is a monthly publication covering theatrical motion pictures, broadcast television and television commercials. Averaging 136 pages, issues contain feature stories on current production projects of directors, producers, cinematographers, editors and other production technicians in the theatrical film and broadcast videotape fields. New film and tape techniques and hardware are also covered, nationwide. Television commercials are covered with topical articles on all phases of production — from agency conception through production house fulfillment to post-production completion. Annual coverage of Oscar, Emmy, ASTVC and Clio Awards. Column spotlight current personal and industry events in New York, Chicago and California. Regular coverage also is given to documentaries, animation and book reviews.

Address inquiries to: The address above.

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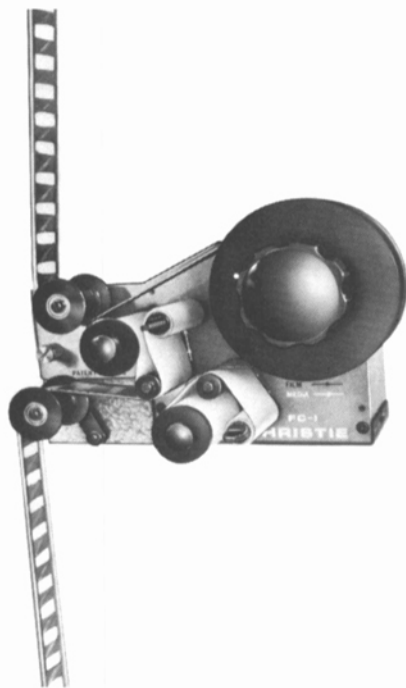
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Video Systems Corp., 91 McKee Dr., Mahwah, NJ 07430. The AD-4 "bucket brigade" design, employing charge-coupled devices and steep Butterworth filters, offers four discrete, time-incremented delay outputs, all commonly and continuously adjustable over a 4:1 range (12.5-ms, 25-100 ms, 37.5-50 ms, and 50-200 ms) and each independently adjustable in output level. Other features include a low-distortion input-limiting amplifier with three-position Time-Constant/Defeat switch (Slow, Fast, Off) to suit music and speech characteristics, plus LED Overload/Limiter indicator and continuously adjustable sensitivity (10 mV to 10 V for +18 dBm output). The Neutrik AD-4 is priced at \$795.



The TCA-150 Tech-Craft Mixer/Power Amplifier for microphone and auxiliary inputs has been announced by Bogen Division/Lear Siegler, Inc., P.O. Box 500, Paramus, NJ 07652. It has over 100 dB of gain and delivers 150 W (rms) continuous power output at less than 1% total harmonic distortion from 45 to 12,000 Hz. The TCA-150 features active mixing for nearly zero interaction between input controls, minimal residual mixing-bus noise and constant preamplifier gain as input channels are added. It provides eight input channels, each with its own slide level control and continuous-action 0-30 dB input attenuator for all microphone inputs. A linear-action master gain-control adjusts the output level of all channels simultaneously. The TCA-150 is priced at \$898.50.



The Christie Projector-Protector film cleaner has been announced by Christie Electric Corp., 3410 W. 67 St., Los Angeles, CA 90043. The heart of the film cleaner is a silicone-coated, non-woven tape which cleans the film as it runs through a projector. The film cleaner is driven by the passage of the film without electrical connections or motors. It is priced at \$395.



An automatic digital audio processor called the ADAP has been announced by Rockwell International, Electronic Systems Group, 3370 Miraloma Ave., P.O. Box 3105, Anaheim, CA 92803. Its primary purpose is to enhance audio signals by cancelling correlated or pseudo-correlated noise and deconvolving non-uniform transfer functions such as room acoustics, reverberations and unequalized channel effects. The ADAP is an audio adaptive filter and predictive deconvolver. Depending on signal bandwidth, it can carry out these functions in real time with up to a 256th order transversal digital filter. ADAP is completely self-contained with power supplies, 12-bit analog-to-digital converters, analog processing circuits, digital logic, three memories totaling over 13,000 bits and high-

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