

# "On-Board" Frezzi™ Battery Packs

Model FBP-13-4A  
is shown direct mounted  
to back of Ikegami  
HL-79A camera.



Reliable, high-capacity O.E.M. or replacements for Hitachi, Ikegami, Philips, RCA, Sony and others. Less than 1 hour re-charge time with "Frezzi-Fast"™ Chargers. Made in U.S.A.

For information (N.J. 201) 427-1160 (N.Y.C. 212) 594-2294

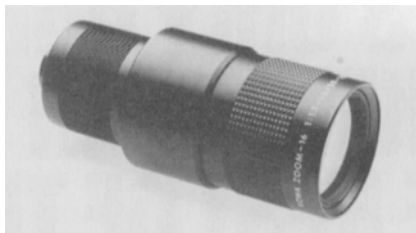
**Frezzolini Electronics Inc.**  
7 Valley St. Hawthorne, N.J. 07506 USA

Export Agents: **CINECRAFT**

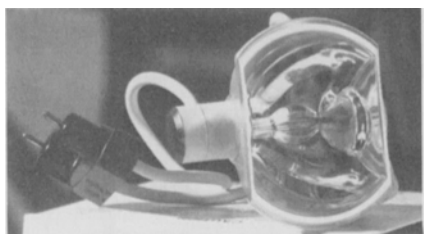
11 Caesar Place, Moonachie, N.J. 07074 U.S.A. • (201) 939-0875  
Telex: Cinecraft Moon TLX 13-8865 • Cables: Cinecraft Moonachie

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A 30-70-mm zoom lens, the DOZ-16, was announced by D.O. Industries, 317 E. Chestnut St., E. Rochester, NY 14445. The zoom lens is designed for Eiki and Bauer projectors and is also available for Bell and Howell projectors. It is a prime lens with a fast  $f/1.3$  aperture that remains constant throughout the zoom range, maintaining an equally bright picture. It has a 1½-in to 2¾-in range and projects an image that can be 40% smaller or larger than one projected by a 2-in lens. The price of the lens is \$259.50.

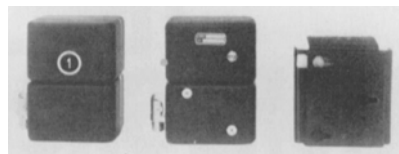


A 300-W arc discharge projection lamp, designed for 16-mm projectors and other high intensity projection, was announced by General Electric Lighting Business Group, Nela Park, Cleveland, OH 44112. The Gemini™ 300 metal-halide lamp is said to produce twice as many screen lumens as tungsten-halogen reflector lamps. The projection lamp is also twice as efficient as xenon lamps of comparable wattage (60 lm/W against 30 lm/W), without the explosion hazard characteristic of xenon lamps.

The lamp produces daylight color quality while using a precision-molded glass reflector which focuses the high intensity light through the film gate and directly into the projection lens, eliminating the need for an auxiliary condensing lens. A dichroic-coating on the reflector serves as a "cold mirror," reflecting a maximum amount of light while allowing heat to escape through the back. This reduces the heat that reaches the film gate and projection lens, minimizing the need for high levels of cooling air to protect the film and lens and lowering the system noise level. The price of a single Gemini™ 300 lamp is \$89.75.

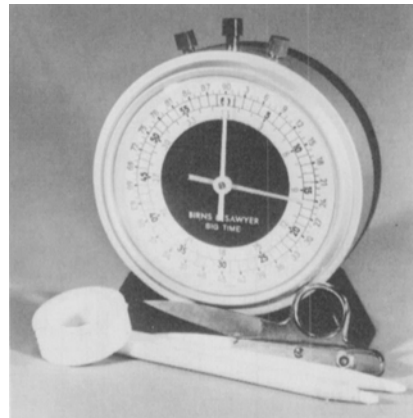
The Cine 60 series of on-board battery packs, designed to snap-mount on the rear of portable ENG/EFP cameras, are available from Cine 60 Inc., 630 Ninth Ave., New York, NY 10036. These rechargeable nickel-cadmium battery packs may be obtained in a variety of models ranging from  $\pm 7.2$  V to 14.4 V at 4-Ah capacities. The packs may be connected in series for higher output voltages or connected in parallel for greater capacities. Operating time for the battery pack depends on the equipment with which it is used; typical values are one to four hours.

The nickel-cadmium battery cells are sealed-construction types that can be fast-charged to full capacity in only one hour or slow-charged overnight. Both methods require the use of external chargers. The cells



are contained in four separate compartments for better heat dissipation and long operating life. The price range of the Cine 60 series is \$360 to \$380.

A 90° super wide angle adapter, designed for prism type video cameras with a ⅜-in tube, was announced by Angenieux Corp. of America, 1500 Ocean Ave., Bohemia, NY 11716. It is the latest component of the Angenieux 15× system and is said to offer the ENG/EFP cameraman the same versatility as a 16-mm cine camera operator. The super wide angle adapter, when used in conjunction with the 15× retrozoom attachment, reduces the focal length by a factor of .57× making the 15 × 9.5 zoom into a 4-mm,  $f/1.8$  fixed-focus lens. At 90° the horizontal field covered is double the camera to subject distance. Depth of field is virtually from the front glass to infinity, providing additional flexibility. The price of the adapter is \$950.



The Big Time, a stop watch/clock designed to eliminate three-handed editing, was announced by Birns & Sawyer, Inc., 1026 N. Highland Ave., Los Angeles, CA 90038. It sits vertically on the editing bench and can be started, stopped, and reset with the touch of an elbow, arm, or pointer. The color-coded control buttons are easily accessible at the top of the clock.

The face of the Big Time is marked in standard film stop watch format with a 0-60 s/min scale, 16-mm footage/min scale (0-36), and 35-mm footage/min scale (0-90), each color coded. The clock features a precision, 24-h, spring-wound movement with a sweep second hand. Both minute and second hands are luminous for easy reading in darkened editing rooms. The price is \$79.95.

A lens and optics cleaner, OpTec 2, developed for the laser optics industry, has been announced by Amertec High Performance Products, Consumer Products Div., Dept. OPR-1, 10471 Broadview Pl., Santa Ana, CA 92705. OpTec 2 may be used on glass, hard resins and mirror finishes. It is antistatic, antifog and can remove oil, dust, fingerprints, calcium and carbon deposits while allowing lenses to maintain their natural index of refraction. It is available in 1¼ oz spray applicators priced at about \$2.95, and in 1 gal bottles priced at about \$39.80.