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New Products

Further information about these items can be obtained from the addresses given. As with technical papers, the Society is not responsible for manufacturers' statements, and publication of these items does not constitute endorsement of the products or services.

A new generation telecine, the ADS-1C, has been introduced by Rank Cintel Inc., 704 Executive Blvd., Valley Cottage, NY 10989. It combines the 4:2:2 digital output, multiple drives, and electronic dirt and scratch concealment technology of the ADS-1, plus incorporates the newest CCD linear array. Advantages include improved performances in black-level uniformity through the reduction of spike content and an increased negative film performance.

Optional D-1 and D-2 outputs have been introduced by Magni Systems Inc., 9500 Southwest Gemini Dr., Beaverton, OR 97005, for the 1500 Series of test signal generators. Component Digital Output (D-1) is offered for models 1515 and 1517. This factory installed option provides front panel selection of four 4:2:2 digital signals. Composite Digital Output (D-2) is offered for the model 1510A. Also new from this manufacturer is the 500 Series of component/composite waveform monitors and vectorscopes. The line includes a three-channel waveform monitor supporting NTSC, PAL, and SECAM 525/60 and 625/50 component line rates. Two vectorscopes are also part of this line.

SIMULATION without LIMITATION

Digital Video Silicon Recorder DVSR 100

- Super fast RAM disc with up to 1,8 GByte
- High-speed video bus with up to 312 MByte/s for HDTV
- Bit slice address processor manages several different sequences simultaneously

Digital Video Silicon Recorder DVSR 50

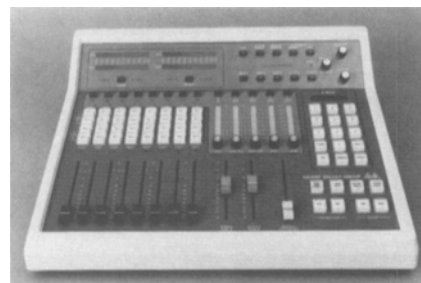
- Economic solution: up to 192 MByte RAM
- TV rasters and display windows definable to a far extent
- Analog and digital (CCIR 656) inputs/outputs

Digital Video Disc Recorder DVDR 200

- Complies with CCIR 601-standard (4:2:2)
- 1-minute full-color real-time storage capacity
- Analog and digital (CCIR 656) inputs/outputs



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Grass Valley Group AMX-170S mixer

The AMX-170S mixing console from The Grass Valley Group, P.O. Box 1114, Grass Valley, CA 95945, allows up to eight voltage controlled amplifier inputs to be simultaneously routed. Designed to integrate with computerized video post-production systems, the mixer has 4-band equalization and level trim for each input. Control of the EQ, trim, and filters may be delegated to any of the mixing inputs. An audio memory system permits storage and

In 1953, Stephan Kudelski revolutionized the film industry with the introduction of the portable Nagra. Since that time, the word "Nagra" has become synonymous with state-of-the-art film sound.

In honor of his contribution, the Society of Motion Picture and Television Engineers has decided to confer upon Stephan Kudelski, an honorary membership, joining such legendary film pioneers as George Eastman and Walt Disney. Nagra is proud of this honor and pleased to have become such an integral part of the film making process.

This year, celebrating our 35th anniversary, we wish to re-affirm our commitment to provide film makers with the finest in audio recorders especially designed to meet the rigors of field production.

Our thanks to the Society for this great honor and our thanks to all of our loyal clients who have made this possible.

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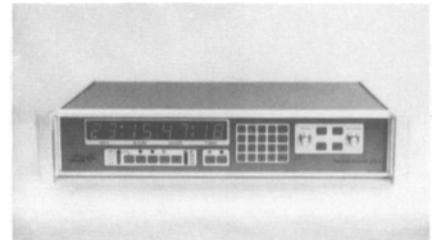


Frezzolini Electronics Inc.
5 Valley St. Hawthorne, N.J. 07506
• TWX: 710-988-4142

recall of panel settings. Any of 20 system registers may be recalled manually or through the edit controller during an event.

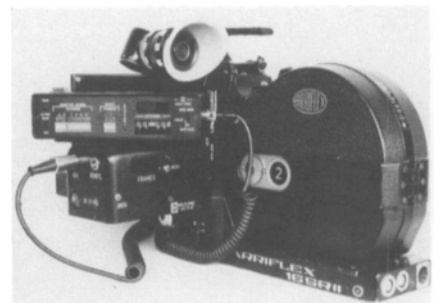
Two 10-bit video line drivers, which meet SMPTE RP-125 requirements, have been jointly developed by VTC Inc. and Grass Valley Group., 2401 E. 86th St., Bloomington, MN 55424. The VS621 has single-ended TTL inputs; the VS620 offers differential ECL inputs. VTC's single chip technology eliminates the previously encountered problems of skew, matching, and jitter. Output and clock-to-output skew for both models is typically 1 ns (2 ns guaranteed). Power dissipation is 1.1W for both the VS620 and VS621.

HR600+ time base corrector from Prime Image Inc., 19943 Via Escuela, Saratoga, CA 95070, provides more than 600 lines of resolution and a 7.5-MHz bandwidth. This unit transcodes between U-matic and U-matic SP, Betacam, Betacam SP, and MII, and S-VHS (true component) and 1/2-in. and 3/4-in. VCRs (composite).



Telcom Research T5010 time code generator/reader

A time code generator/reader from Telcom Research, 1163 King Rd., Burlington, Ont., Canada, features four-field NTSC and eight-field PAL color framing sequences, jam sync and continuous jam operation, and a high-resolution character generator. The T5010 provides for keyboard entry of time and user bits, as well as parallel input or output of time or user bits. It also reads standard SMPTE/EBU time code and user data and keys this information into the video for on-screen readout.



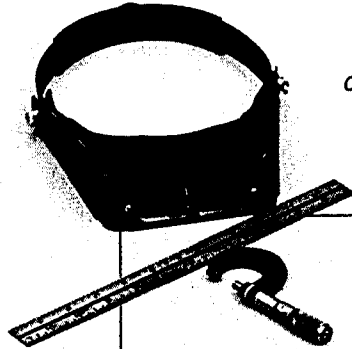
Norris Film Products TL16SR motor/intervalometer

A single frame motor and intervalometer has been introduced by Norris Film Products, 1014 Green Lane, La Canada, CA

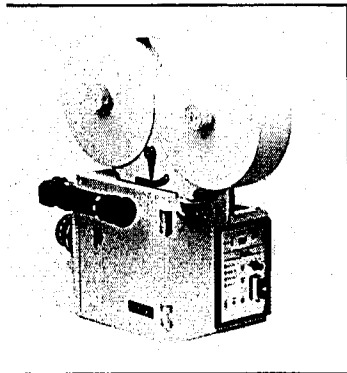
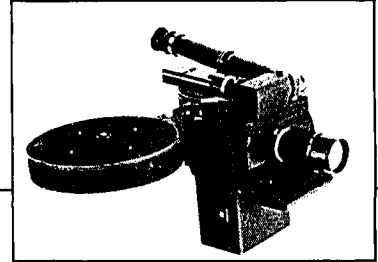
SPECIAL EFFECTS REFLEXES

Shown here are a few examples of the wide range of special conversions designed and manufactured by Fries Engineering for clients such as ILM, Paramount, Todd-AO, Technovision, Disney, Apogee and Dreamquest.

As part of the Award winning 35R Series reflex conversion, Fries Engineering developed the All-In-One 120M Series motor and controller that have achieved worldwide acceptance, and adapted them for use on many different format cameras.

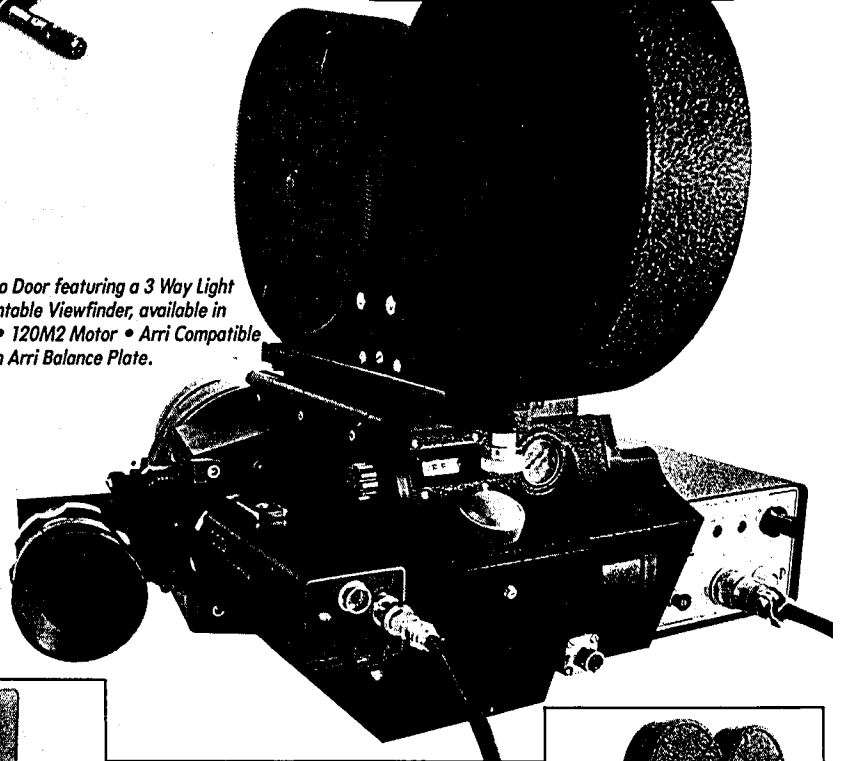


35mm VistaVision Butterfly Spinning Mirror Reflex Conversion with Video Assist and 120M Series Motor.

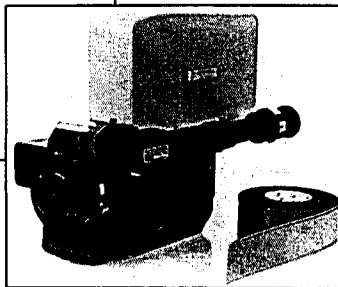


35mm 300 FPS Spinning Mirror Reflex Conversion with Video Assist and Internal DC Motor and Controller.

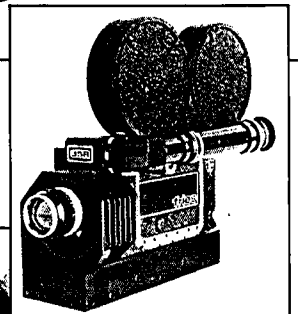
Vidiflex 2 Video Door featuring a 3 Way Light Valve and Orientable Viewfinder, available in Color or B&W • 120M2 Motor • Arri Compatible Base for use on Arri Balance Plate.



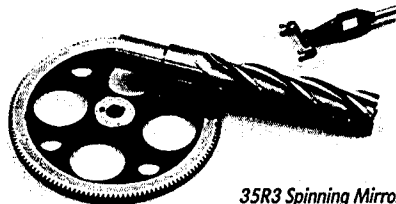
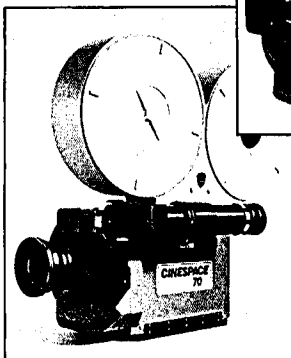
65mm 5 Perf Hand Held Spinning Mirror Reflex Conversion with Video Assist and 120M Series Motor.



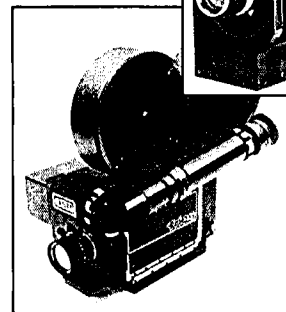
Motion Control 35mm Auto Focus Pellicle Reflex Conversion.



65mm 8 Perf Spinning Mirror Reflex Conversion with Video Assist and 120M Series Motor.



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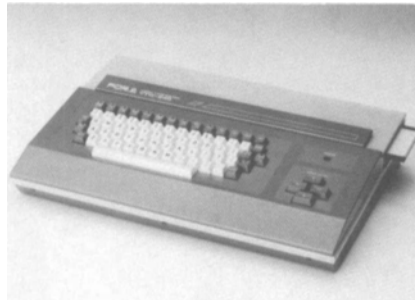
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212 947-0950

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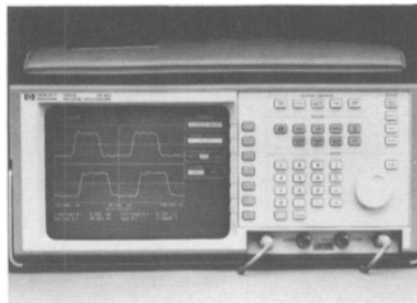
Lowel's fast-folding, fluorescent-fill phenomenon travels in one portable case, with its air-cushioned stand, electronic ballast, boom, and barndoors.

91011. The TL16SR works with the Arriflex 16 SR II camera. Key features include: crystal-timed shutter speeds from $1/16$ sec to 8 min, 53 sec in $1/16$ increments; intervals from 1 frame/sec to 60 hr; selection of 1 to 15 frames/pulse; LED frame counter with reset; shutter open indicator; inching switch; and auxiliary socket for capping shutters and other accessories. The camera accommodates the motor without modification.



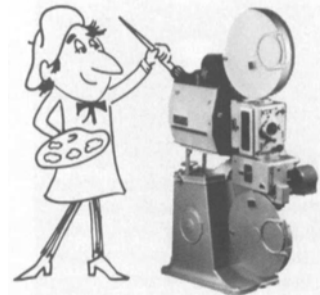
For-A VTW-240 character generator

The anti-aliasing character generator from For-A Corp. of America, Nonantum Office Park, 320 Nevada St., Newton, MA 02160, combines up to 1600 pages of disk storage and display with full random access to an entire library. The menu-driven VTW-240 system has four downloadable resident fonts — Futura, Aachen, Folio Bold, and Flash Light — which can be used in any combination. Colors are selected from a programmable 14-chip palette with an internal three-zone background color generator. Additional features include normal or drop shadow edging; displays in cut, roll, and crawl modes; and individual flash, color, underline, and upper/lower cases.



Hewlett-Packard digitizing oscilloscope

A digitizing oscilloscope has been introduced by Hewlett-Packard, 3000 Hanover St., Palo Alto, CA 94304. The HP54501A has four channels and a 100-MHz bandwidth. Noteworthy features are a simplified user interface, test-limit capability, automatic calculation of statistics, and dual time base windowing. Most adjustments are made with a front panel knob, and the number of menu levels has been minimized to make the scope user friendly. A family of optional accessories is available.



art: Webster's defines art as "skill acquired by experience, study, or observation".

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Advertisers Index

Camera Mart	870
Cine 60	869
Chyron	857
Denecke Inc.	870
Dolby Laboratories	864
Filmfab Systems	859
Fostex	877
Frezzolini	874
Fries Engineering	875
Hitachi	861
Ikegami	854, 855, 863
International Cinema Equip.	876
Key Systems	878
Lowel-Light	876
Magna-Tech	871
Midwest Communications	865
Nagra	873
Nemal Electronics	872
OKI	866
Perrott Engineering	866
Professional Services	880
Sonder	858
Sony	878
VTE	872
Wide Range Electronics	879, 874