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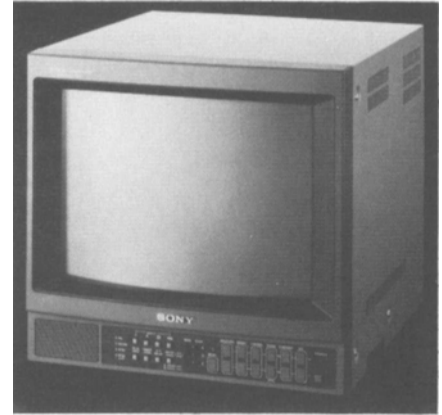
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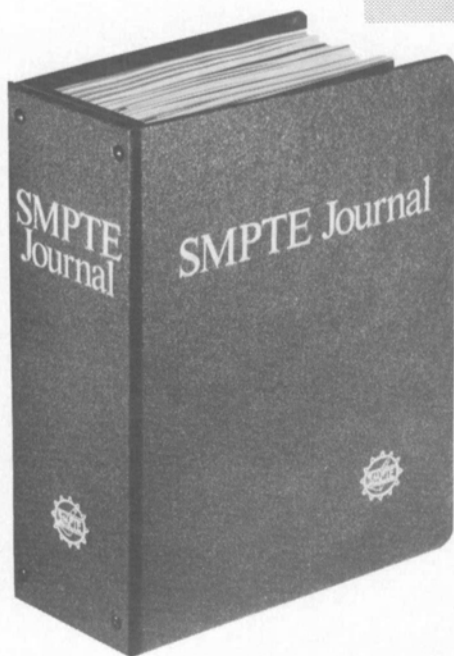
New Products

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



Sony color video monitor

Two video monitors have been introduced by Sony Corp. of America, 9 W. 57th St., New York, NY 10019. The Models PVM-1342Q and PVM-1344Q are both 13-in., high-resolution monitors with 600 lines of horizontal resolution and more than 900×200 pixels. They give users a choice of internal or external sync via a front-panel switch. The Trinitron cylindrical screen and analog RGB inputs make the monitors suitable for computer graphics monitoring.



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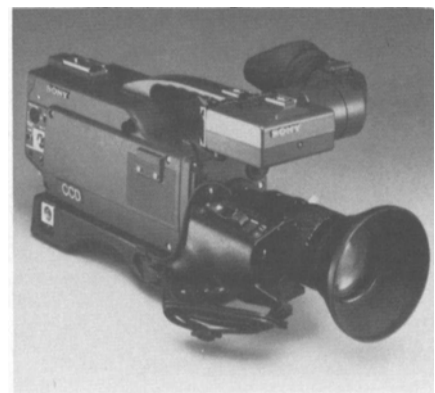
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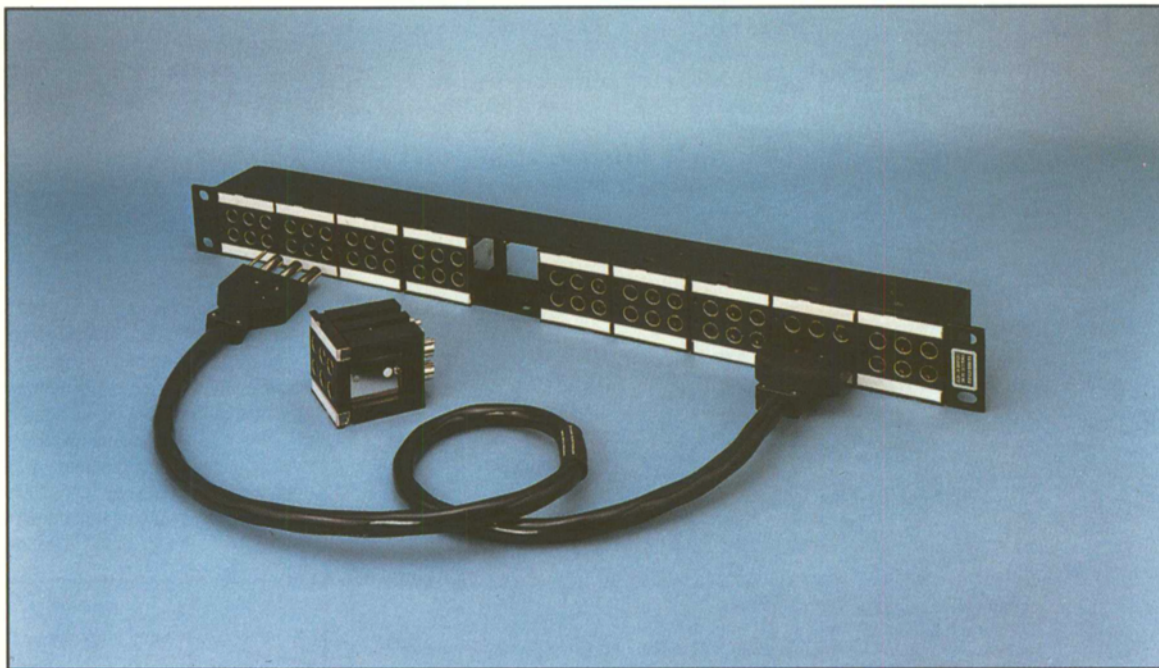
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Sony infrared camera

As part of their video line, Sony has also introduced an infrared video camera, the Model DXC-3000IR. The camera captures color images in the visible spectrum and monochrome images in infrared light. The shooting mode is selected by rotating a filter wheel. The camera comes with a remote control box that allows the user to

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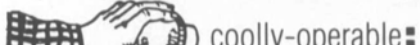
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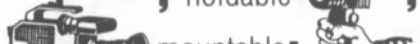
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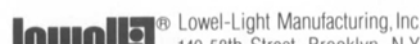
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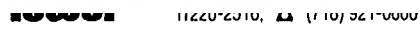
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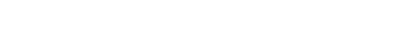
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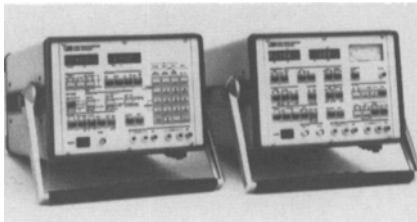
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A CCD video camera rounds out Sony's video line. Using different backs, the Model DXC-325 camera can hook up to many types of portable or studio VTRs, or can be used as an image acquisition device for computer graphics and teleconferencing. It has a 50-pin interface to facilitate connecting to various adaptors. The camera employs Sony's 1/2-in. Hole Accumulated Diode (HAD) sensor CCD and integrates more than 250,000 pixels in an image sensing area that measures only 6.4x4.8 mm. It has a signal-to-noise ratio of 58 dB.

A television standards converter has been introduced by A.F. Associates, Inc., 100 Stonehurst Ct., Northvale, NJ 07647-2487. The ISIS (International Signal Interface System) is a five-rack unit with 3-field, 2-line interpolation. It offers several signal options: SECAM, PAL-M, PAL-N, and RGB/YUV input/output; and CCIR 601 digital interface.



Sound Technology generator (L) and audio analyzer

A programmable audio signal generator/analyzer system from Sound Technology, 1400 Dell Ave., Campbell, CA 95008, combines the Model 3100B generator and the Model 3200B autoranging audio analyzer. It is a two-channel system that automatically or manually measures operating level, frequency response, total harmonic distortion versus level or frequency, SMPTE intermodulation distortion, signal-to-noise ratio, quantizing noise, channel separation, phase error between channels, and wow and flutter. Printing test results stored in the analyzer allow 29 graph formats to be permanently stored in memory. The analyzer selects which graph offers the scale factors best suited to the measured data, relieving the engineer of set-up duties.



Sony portable recorder

A portable video recorder has been introduced by Sony Corp. of America, 9 W. 57th St., New York, NY 10019. The

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or a Polarizer, for that matter, it's nice to know that the Geocam™ 4x4 Universal Production Matte Box accepts 4 1/2" round filters in any quantity and lets you rotate SR Polarizers and SR Stars a full 360 degrees.

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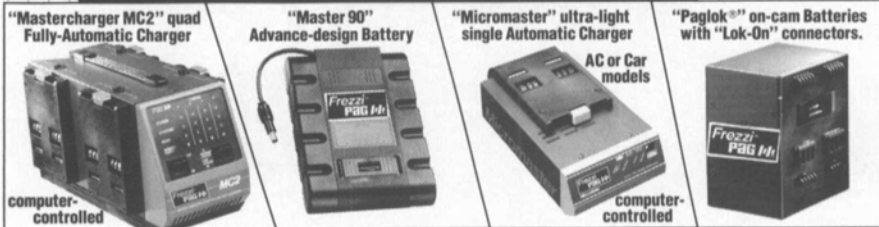
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Model VO-8800 recorder has 330 lines of resolution and a signal-to-noise ratio of 46 dB. It also has Y/C interface capability through the 14-pin camera cable, a built-in radio frequency modulator, lighted VU meter, and an audio signal-to-noise ratio of better than 72 dB. The recorder incorporates SMPTE longitudinal track time code and has a unique three-way warning system. LEDs, a warning lamp and LCD on the front panel, or a beep in the monitoring headphones alerts users to impending problems.



Sony feeder/recorder

Sony has also introduced the VO9850/9800 Type IX editor and feeder/recorder system. This package is compatible with conventional U-matic machines and provides time code capability with improved video/audio quality. The Model 9850/9800 can record and play back in both Standard Play and conventional modes. Its time code system includes ± 0 editing accuracy resulting from the absolute address code system and frame-accurate access to editing points.



BVU-920 U-matic player from Sony

Still another video product from Sony is the Model BVU-920 player with the Dynamic Tracking™ system. This tracking system provides noiseless video output at continuously variable speeds. A strain gauge minimizes transient errors by enabling the machine to adjust quickly to sudden changes in tape speed and direction.

A condenser microphone is available from Gotham Audio Corp., 1790 Broadway, New York, NY 10019-1412. The Model KM 100 contains an active capsule that connects directly to the output stage forming an axially addressed microphone. The capsule can also be connected to the output stage via a thin cable up to 150 ft long. The standard system has four inter-



AKG's C747. Small Size. Big Sound.

AKG's new C747 "pencil-type" condenser microphone sounds a lot bigger than it looks. In fact, its unique miniaturized transducer design and acoustically-tuned interference tube give the C747 sensitivity and uniform frequency response superior to mics many times its size. You'll like that on stage, TV, above a church choir or on a podium, where you need to capture performances without obscuring them. And you'll like it in the studio, where the C747 will go places other mics are just too big to follow. Clear lows, shimmering highs, tight pick-up pattern and mounting accessories that provide total convenience in any recording or sound reinforcement situation — with the C747 you get everything you need. Small size. Big sound.



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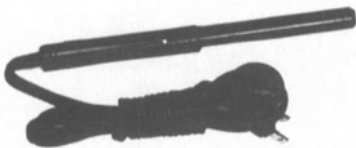
WRE's new Model 9210-A Degausser is designed to provide higher gauss levels required to erase the higher coercivity video tapes with automatic overheat protection.



The Model 9210-A provides approximately 3000 effective gauss levels to erase tapes up to 16 inches in diameter and 2 inches in width, including video and audio cartridges, cassettes and floppy disks. Available for 115 or 230 volt operation.



Model 640 Degausser is similar to the 9210-A with high gauss levels except it is limited to erasure of 10½-inch reels. This unit is recommended where size and cost are limiting factors.



Model 8905 Magnetic Erasing Pencil is an excellent tool for erasing limited, small areas of tape or film and for demagnetizing record/play heads. In program material, words, complete sentences, and even syllables may be erased. This unit is equipped with a press-to-operate switch on the handle.

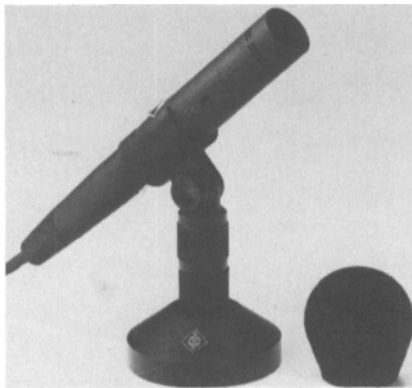


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Gotham microphone

changeable capsules: the AK 30 omni, AK 40 cardioid, AK 45 cardioid with low-frequency roll-off, and the AK 50 hypercardioid.



Nady portable microphone

A wireless microphone has been introduced by Nady Systems, Inc., 1145 65th St., Oakland, CA 94608. The Model 501 VR system is intended for film and video situations that require direct camera input sound recording without a sound cart. It can be used to monitor wireless transmissions on location. It operates on VHF high-band frequencies and has five channels between 170 and 216 MHz. The microphone has a range of 120 dB and a frequency response of 25 to 20,000 Hz.

Professional audio cassettes from Ampex Corp., 401 Broadway, Redwood City, CA 94063-3199, are now available. The Model 472 studio audio cassette is offered in type I normal-bias and type II high-bias configurations in a variety of lengths from 5 to 90 min.

Batteries from Alexander Manufacturing, P.O. Box 1508 Mason City, IA 50401, are now available in three colors. The 7700 Series "ride behind" batteries, which are direct replacements for Anton/Bauer snap-on batteries, come in black, gray, or white. The battery is offered in 10, 11, or 12-cell styles.



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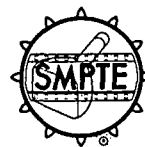
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