

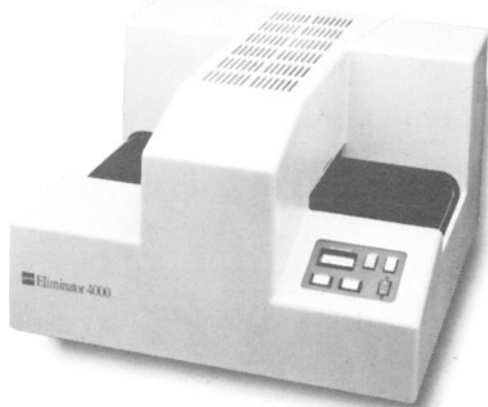
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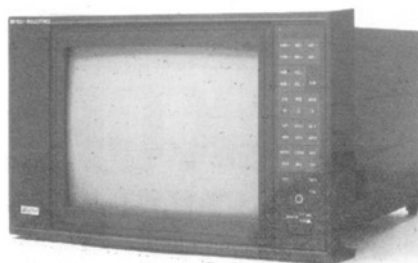
New Products

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.



JVC BR-S611U video recorder/player

A video recorder/player and edit feeder has been introduced by JVC Professional Products Co., 41 Slater Dr., Elmwood Park, NJ 07407. The BR-S611U includes separate Y/C inputs and outputs, Y/C comb filter decoding, and Y/C 629 and 358 signal transmission modes. The recorder has a chroma enhancer that restores bandwidth lost during recording and playback and ensures a sharp chroma edge with no color spreading. The frequency response of the luminance signal is uniform for resolution of more than 400 television lines. Audio input and output are independent and individually adjustable for all four channels; audio dubbing is possible on normal audio channel 2.



Barco video monitor

A line of automatic video monitors, the AVM series, has been introduced by Barco, Inc., 1500 Wilson Way, Smyrna, GA 30082. These grade-two broadcast monitors incorporate automatic setup and alignment of image parameters, such as color temperature and contrast. They have Super-VHS Y/R-Y/B-Y analog component inputs. Three models are offered in this series: the AVM 22 portable monitor with a 10-in. tube, the AVM 37 14-in. monitor, and the AVM 51 21-in. model. The AVM 37 and 51 fit all standard racks.

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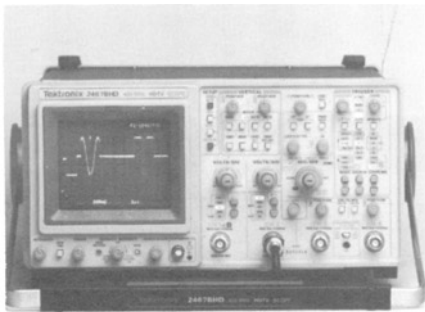
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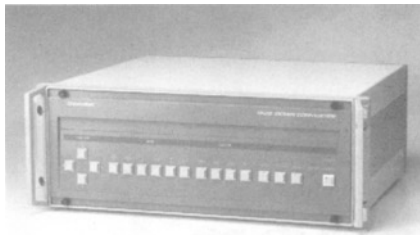
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Tektronix HDTV oscilloscope

A high-definition television oscilloscope, the 2467BHD, was introduced by Tektronix, Inc., P.O. Box 500, Beaverton, OR 97077. The oscilloscope can trigger on any of the proposed HDTV standards (1050/60, 1125/60, and 1250/50) allowing engineers to view signals without resorting to external or makeshift triggers. In addition to line and field modes, the HDTV scope has recall setups for frame, horizontal blanking, vertical blanking, single line, active video mode, and pixel location.

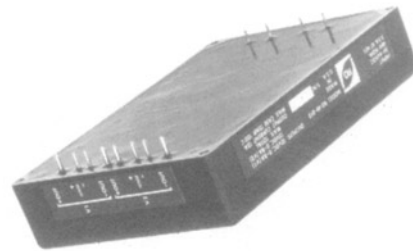
A new down converter is available from Chromatek, Inc., KSP-C-1232, 100-1 Sakado, Takatsu-ku, Kawasaki-shi, Kanagawa 213, Japan. The 9120 converts video signals of personal computers and workstations to standard television sig-



Chromatek down converter

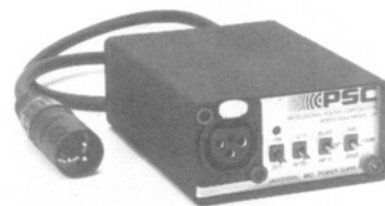
nals. A video signal that is put into the converter is automatically measured; the results are referred to a built-in data table of manufacturers, models, and modes so the video signals generated are specifically defined. If the input scanning standards are not found, the 9120 infers from the measured scanning standards and establishes a conversion procedure.

The converter has three modes in its zoom operation: "H" mode for outputting a particular area of an input picture, "N" mode for outputting an entire area of an input picture by compressing it, and "L" mode for outputting a further compressed area of an input picture on part of the screen. The zoom operates in real time; a built-in two-dimensional filter is automatically set to the constant corresponding to magnifications. The operator can vary the aspect ratio of a picture from vertical to horizontal.



DC-DC converter from RO Associates

A dual output DC-DC converter, capable of producing ± 12 V up to 8 A on each output, is available from RO Associates, 26 Caspian Dr., P.O. Box 61419, Sunnyvale, CA 94088. The RO48-D12 produces full power at 20°C with no heat sink or fan required. The converter has true N+1 redundancy with current sharing, and hot plug-in capability. Remote sense on each output, logic on/off, and short circuit and overtemperature protection are standard. Optional pins are available for the current sharing and voltage trim features.



Microphone power supply from PSC

A universal microphone power supply is available from Professional Sound Corp., 10639 Riverside Dr., N. Hollywood, CA 91602. This portable power supply is designed for both the 12-V "T" (AB) and the 48-V Phantom microphones. Features include an easily accessible 9-V battery that provides more than 22 hours of operation; three-way switchable low-cut filter; LED to indicate battery condition; "T" power phase switch, standard/red dot selectable; and a rugged aluminum extrusion housing.

An NTSC video test signal generator has been introduced by Leader Instruments Corp., 380 Oser Ave., Hauppauge, NY 11788. The 408 has more than 80 test patterns available in composite, S-VHS, RGB, and Y, R-Y, B-Y formats with RF channel coverage of all broadcast and cable channels. Channel frequencies and video signal-level specifications are set up with a menu-driven data control panel with liquid crystal readout. Up to 100 sets of video-level specifications and channel frequencies can be stored in memory for instant recall.

Two new cables have been introduced by Nema Electronics International, Inc., 256 Oak Tree Rd., Tappan NY 10983. The Nema 1570 video coax cable offers

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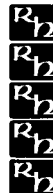
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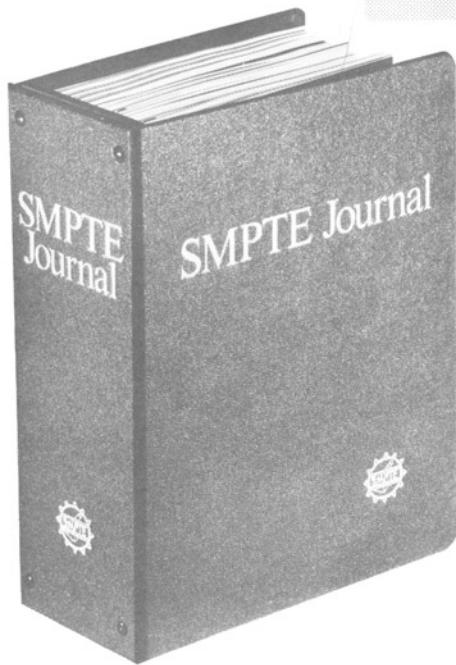
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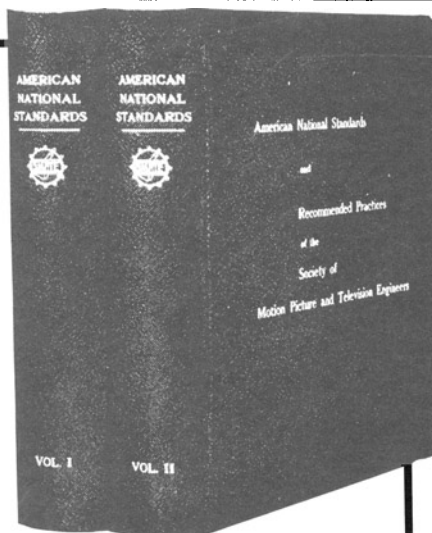
flexibility and a low loss of 0.7 db/100 ft at 10 MHz. The Nema 2201A is a 22-gauge cable with foil shielding and drain wire of reduced diameter (0.135 in.), crush-resistant construction, and single-strip removal of both jacket and foil. Both cables are offered in bulk or pre-terminated, on spools or in pull-out boxes.

A new HDTV test pattern, available from Sine Patterns, 236 Henderson Dr., Penfield, NY 14526, determines the modulation transfer function (MTF) of high-definition television. The Zone Plate ZP-2 is circularly symmetrical and increases linearly in spatial frequency with distance from the center. It has a length-width ratio of 1.77:1. Spatial frequency at the top and bottom edges is equivalent to 500 television line pairs; in the corners it is equivalent to about 1000 line pairs.

A videotape recorder (VTR) sequencing cart system, the SCS800, has been introduced by Odetics, 1515 S. Manchester Ave., Anaheim, CA 92802-2907. With this system, videotape recorders can be manually loaded quickly and accurately; a computer-screen display prompts the operator to load carts in their scheduled sequence and indicates which of the system's six VTRs should be loaded. Because it incorporates the manufacturer's database management software, the SCS800 can be used as a station's master control. The sequencer cart has record/dub, monitor, program switchers, a sequence controller, audio and video monitoring, and a personal computer. It is compatible with Odetics' External VTR Controller.

A new videotape eraser (degausser) designed primarily for video production centers has been introduced by Wide Range Electronics Corp., 174 Chesterfield Industrial Blvd., Chesterfield, MO 63005. The compact model 650 has a gauss level of 3000+ and is easy to handle and operate. WRE is a manufacturer of precision video/audio equipment for radio, television, film, and video production and post-production facilities.

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