

New Products

The VDR 8011M high-definition video disc recorder has been introduced by Recognition Concepts, Inc., 5200 Convar Dr., Carson City, NV 89706, (800) 2 GET RCI, Fax: (702) 882-5381. The VDR 8011M works with HD video using existing 4:2:2 equipment; the HD disc is compatible with 1080 or 1035 line formats and records directly to D-1 and D-5 VTRs. HD recording using low-resolution VTRs is made possible because the HD disc actually consists of a pair of standard 4:2:2 videodiscs. The pair operates at six times the normal speed and provides the bandwidth required for HD video.

The Novelset is new from Clark & Associates, Ltd., 318 E. Calhoun St., Macomb, IL 61455, (309) 837-2244; Fax: (309) 833-5175. The system is designed to synchronize Novell networks and PC clocks to master time sources distributed via time codes. The package provides hardware and software to synchronize PC or Novell File Server clocks to SMPTE, EBU (25 fps), and IRIG-B(1) longitudinal time codes. A microprocessor-controlled, 1/3-slot PC card with selectable interrupts and ports is used for time code input and decoding.

The Timecode Monitor has been updated by Summertone, Ltd., c/o A/Z Associates, P.O. Box 357, Needham, MA 02192, (617) 444-0191; Fax: (617) 444-0757. Previously used for fault-finding, confidence reporting, and unattended monitoring of SMPTE/EBU longitudinal time code, the Timecode Monitor is now capable of simultaneously monitoring, analyzing, and reporting errors in vertical interval time code (VITC). This new version can also check all of the physical and logical attributes of both LTC and VITC time code in both NTSC and PAL environments, report faults on its front panel display, log up to 750 errors in nonvolatile memory for review, and output to a printer or computer either as errors occur or from memory on command.

The LVDIG-1 metering module is new from Wohler Technologies, 713 Grandview Dr., S. San Francisco, CA 94080, (415) 589-5676, Fax: (415) 589-1355. Features include a pair of 10-segment LED level indicators and user-accessible DIP switches for selecting indication modes. Up to 10 digital metering modules may be placed in one MSM-1 unit, and users may mix and match both analog and digital modules in the same MSM-1 housing. Also offered is a total of eight user-selectable display modes, including either VU or PPM bar-graph

display as well as PPM dot indication over VU bar graph.

The AD2100 Stereo Audio Synchronizer has been developed by Pixel Instruments, and will be distributed by Television Equipment Associates, P.O. Box 393, S. Salem, NY 10590-0393, (914) 763-8893; Fax: (914) 763-9158. This automatic lip sync corrector corrects delay by steering it with a single wire control from a compatible frame sync or standards convertor. This automatic delay adjustment mode reduces or eliminates audible pitch changes during the period that delay is being modified. In this mode, the overall delay is changed in 0.1-msec increments at a controlled rate ensuring maximum audio transparency.

The 1100 Series combination instrument has been released by CompuVideo, Inc., 3861 Oceanview Ave., Brooklyn, N.Y. 11224, (212) 213-6818; Fax: (718) 714-9873. This self-contained, combination waveform monitor, oscilloscope, and vectorscope supports composite, component, and S-VHS video signals while providing easy measurement capabilities with waveform overlays and on-screen timing

references. The unit also features differential gain and phase plus line select for monitoring and analysis of signals as required by FCC regulations. The vectorscope/waveform section offers display lines 14 through 21 in fields 1,2. The built-in oscilloscope permits the user to troubleshoot and analyze any signals, including those from video heads, audio heads, stereo, audio, head switching, and servo.

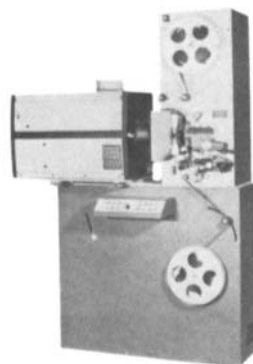
The WFM91 Handheld Waveform/Vector/Picture/Audio Monitor has been introduced by Tektronix, Inc., P.O. Box 500, Beaverton, OR 97077-0111. Designed for audio and PAL video monitoring in field applications, the WFM91 combines the display capabilities of four television instruments — color picture monitor, waveform monitor, vectorscope, and voltage-vs.-time audio monitor — in a single palmtop unit. The 4-in. diagonal color thin film transistor (TFT) LCD provides a full-screen display of any of the four monitor display modes, which are accessed through a simple keypad and menus.

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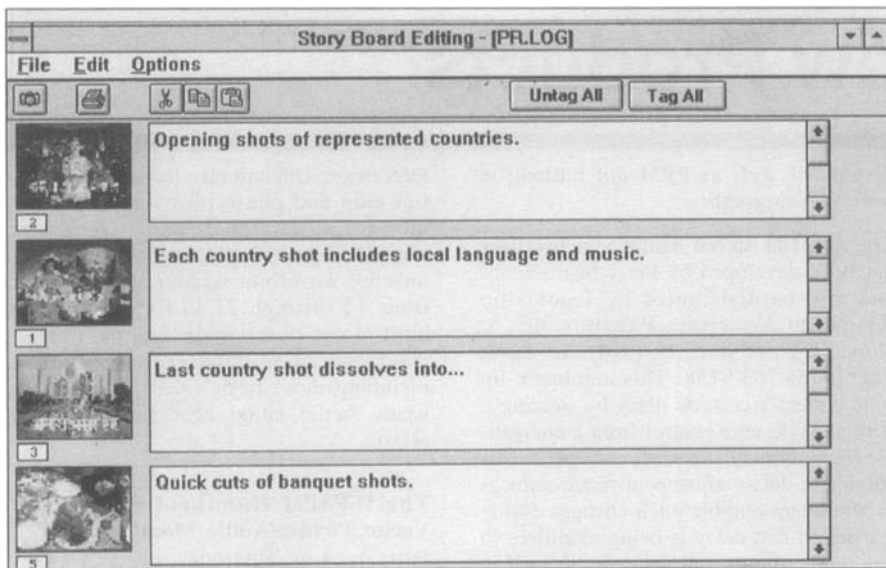
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Hewlett-Packard's HP VidJet Pro Utilities for Windows

HP VidJet Pro Utilities for Windows software is now available from Hewlett-Packard Co., Direct Marketing Organization, P.O. Box 58059, MS51L-SJ, Santa Clara, CA 95051-8059, (800) 452-4844 ext. 8823. This software serves as a companion to the company's HP VidJet Pro video logging and storyboarding print manager. Capabilities include frame transfer, which allows users to transfer video images between the HP VidJet Pro and a

PC in standard bitmap and JPEG file formats; time-code trigger, in which users can set the HP VidJet Pro print manager to grab and print specific frames of audio automatically; and storyboard editing, which allows users to import text into page formats, and to view and sequence images using a drag-and-drop function. The software also provides complete remote control and a graphical user interface.

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The Model 2200 integrated digital effects/switcher system has been introduced by The Grass Valley Group, Inc., P.O. Box 1114, Grass Valley, CA 95945, (916) 478-3000; Fax: (916) 478-3187. It employs an easy-to-use, fully-integrated control panel and integrates easily with the Krystal digital video effects system. The Model 2200 can serve as an integrated post-production system, as a stand-alone production switcher, or as a one-channel or two-channel digital effects system.

Grass Valley has also announced the release of the **M9136 and M9136-D Multistandard Serial Digital Distribution Amplifiers**. The M9136 is a single multistandard serial digital DA with one input and eight outputs, while the M9136-D is a dual version with two inputs and four outputs. Both are compatible with component and composite digital video systems and provide auto-select of 143 and 360 Mb/Sec.

The M9422 20-bit digital audio D/A offers a greater than 110-dB SNR. It is a dual unit with two AES/EBU inputs and four analog outputs. It can be ordered with XLR or BNC digital I/Os, with the BNC version offering much longer cable distances. The M9422 can mix and match with Grass Valley's MAX-900 and MAX-9000 products in the same 3RU frame.

The CacheMachine is new from Odetics Broadcast, 1515 S. Manchester Ave., Anaheim, CA 92802-2907, (714) 774-5000; Fax: (714) 774-9432. This digital Betacam system with serial digital switching integrates recording, inventory control, storage, and on-air replay for one or more output channels. Under the control of Odetics' automation software, the CacheMachine maintains a full day's run of program material as well as provides on-line storage for thousands of commercials or other short segment material. Odetics' archive management software controls the recording of new material into the cart machine and automates the transfer of archive masters to the digital cache.

ABS Product Group, a division of Odetics Broadcast, has introduced the **MicroCart family of spot delivery systems**. Sequencers are available in a variety of configurations that combine videotape, optical, and digital disk recorders for automated on-air presentation applications. The MicroCart 100 master control system is a single spot-per-cart system that automates the on-air scheduling of station breaks, commercials, and programs in small to mid-size broadcast operations. Schedule editing and actual cart sequencing is controlled by an external IBM PC-compatible computer with Windows-based software. Program schedules are developed on a separate computer and then run on the main computer where the operator can perform edits right up to air time while monitoring current on-air events.