

New Products

An enhanced version of the Amiga 3000T multimedia workstation was announced by Commodore Business Machines, Inc., 1200 Wilson Dr., West Chester, PA 19380. The Amiga 3000T-04/200 features a Motorola 68040 processor with an integrated math co-processor and provides approximately 20 CISC MIPS and 3.5 DP Mflops. The unit includes AmigaDOS™ 2.0 and comes standard with a 200-Mbyte hard disk drive, a 3.5-in. floppy disk drive, 5 Mbytes of RAM (expandable to 18 Mbytes), and 32-bit bus architecture.



JVC TK-F7300U high-resolution color video camera

Two RS-232C interface cables have been added to the KY-F30U 3-CCD imaging camera, it was announced by JVC Professional Products Co., 41 Slater Dr., Elmwood Park, NJ 07407. The new cables allow the camera to be plugged directly into a computer, resulting in complete computer control of the camera and full image-process capability. The camera can now be interfaced with IBM-compati-

ble and Macintosh computers through the VC-P891U and VC-892U cables, respectively. The VC-P891U has a 9-pin, rectangular, D subminiature connector; the VC-892U has an 8-pin, round, mini DIN connector. With the appropriate software, the RS-232C interface cables allow adjustments to such functions as focus, iris, zoom control, gain selection, shutter selection, contour, resolution mode, and color balance.

The company also introduced a high-resolution color video camera designed for electronic imaging, prepress, and HDTV applications. The TK-F7300U is capable of providing images with resolutions up to 4416 X 3456 pixels, using a computer equipped with an appropriate graphics board. The camera's high resolution is achieved by using a single CCD equipped with an RGB striped filter and a sophisticated RS-232C-controlled spatial offsetting system. Multiple images are grabbed with the computer's image-capture board. The software supplied with the camera then interleaves the images into a single high-resolution image. The product will work with any computer frame grabber that accepts RGB signals at PAL scan rates.

A real-time digital disk recorder with 25 sec of storage is available from Abekas Video Systems, Inc., 101 Galveston Dr., Redwood City, CA 94063. The A65 provides 25 sec of recording in 525-line/60-Hz standard and is switchable



Abekas A65 component digital disk recorder

to over 30 sec in recording in 626-line/50 Hz. The product's features include SCSI and ethernet interfaces, which allow users to transfer computer-generated images to the A65 without using costly digital video output boards, as well as archive its files to Exabyte tape drives as an alternative to using more expensive D-1 videotape recorders. The unit has a record capability of over 800 frames or 1600 fields of computer-generated images, and is used in such applications as image recording for 3-D animation and graphics, scientific visualization and medical images, and graphics rotoscoping and compositing.

The DTR-90N R-DAT recorder was unveiled by Otari Corp., 378 Vintage Park Dr., Foster City, CA 94404. The unit offers full-featured high performance and a unique, removable front panel that can be laid flat or mounted on any work surface for remote operation. The product is designed with four heads to work in tan-

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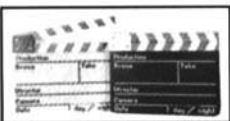


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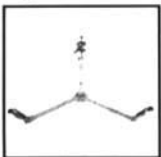


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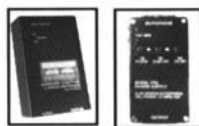
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dem with its companion CB149 Editor, providing simultaneous edit control of two DTR-90Ns. The product can be shipped with several options, including Editor/Interface Memory Card, which allows nondestructive preview editing, and Quickstart Memory Card, which provides instantaneous playback when the PLAY button is engaged.



Panasonic Model AU-65H MII studio VTR

The AU-62H studio player has been added to the line of MII products, according to Panasonic Broadcast & Television Systems Co., One Panasonic Way, Secaucus, NJ 07094. The product, which is designed for high-quality studio use as an editing source or viewing machine, offers $\pm 32X$ normal search speeds, with picture, for ultrafast searching. In addition, a manual tape speed override of $\pm 15%$ allows editing flexibility. A digital field freeze function provides noiseless stills, with a color-framing control during playback for editing. Other features include an enhanced performance 3-D digital TBC with one-field correction range, four audio channels, on-screen menus, an SMPTE time code reader/generator capable of producing VITC or LTC, Y/C (S-Video) input/output connectors, and RS-422A serial control.

The AU-65H enhanced MII Series studio recorder/editor offers full-feature editing functions with a special picture-in-picture function for additional editing convenience. With the picture-in-picture function, editors can match cuts more easily or use only a single monitor in a two-VTR editing setup. A digital field freeze function produces noiseless stills, and variable memory editing (VME) provides slow-motion player control. Additional features include an enhanced performance 3-D digital TBC with one-field correction range, full four-field color framing sequence, and four audio channels.

The VPS-510 video production system was launched by For.A Corp. of America, 313 Speen St., Natick, MA 01760. The product offers control-panel access to a generous built-in effects memory that can store up to 20 dynamic effects or 40 static effects. The unit also includes a digital video switcher, two channels of digital compression effects, and two built-in TBCs with dropout compensation to eliminate the need for external time base cor-

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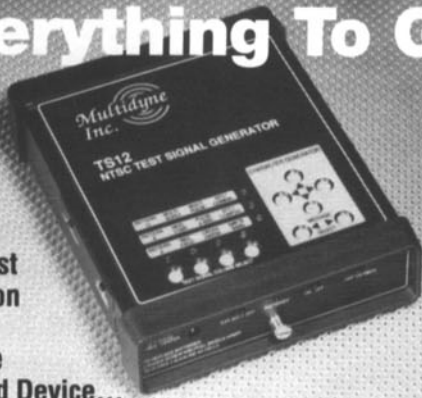
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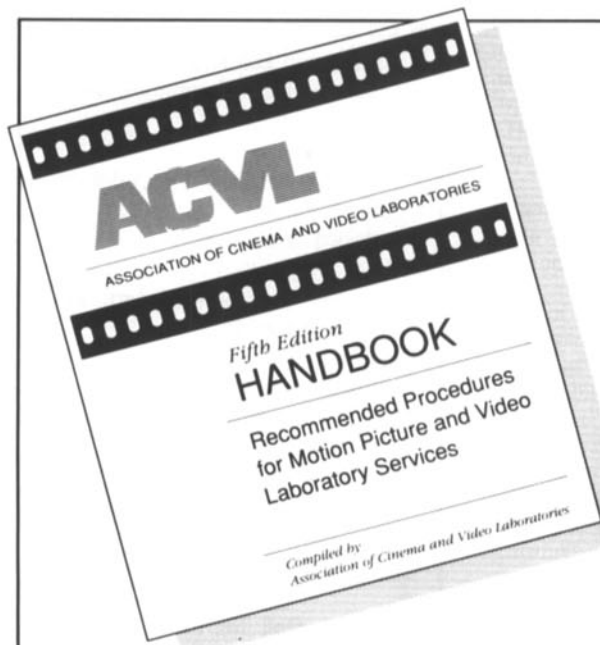
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rection. Signal processing is component 4:2:2. Six Y/C 358 and/or composite inputs are provided in the three-layer digital switcher, plus black and color background. Three independent color matte generators are also available, as well as color border with adjustable width. Auto transition is provided for PGM, wipe, mix, digital effect, fade to black, and the downstream keyer. The DSK permits RGB or component YP_BPR insert video.

The D/ESAM 400 digital edit suite audio mixer was unveiled by Graham-Patten Systems, Inc., P.O. Box 1960, Grass Valley, CA 95945. The product provides flexible edit-system control of



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audio mixing in a manner similar to conventional video switchers. The product handles up to 32 analog and digital inputs, routing via a flexible VIRTUAL MATRIX to four analog PROGRAM, four digital PROGRAM, and four MONITOR outputs. All level, channel/machine assignment and audio crossfade settings are stored as snapshots, for instant recall. The product comprises an assignable control surface, a display module, and an electronics rack that houses the main processor, input/output connectors, and serial-control ports.



Multidyne TS-12 NTSC video, character, and stereo tone generator

TS-12 handheld NTSC video, character, and stereo tone generator, available from Multidyne, 244 Bayville Ave., Bayville, NY 11709, offers 12 precision test signals, a dedicated black-burst output, character-source ID, and stereo-audio tone in a small package. The character generator produces 16 battery-backed messages of 32 characters each. The stereo tone generator delivers two balanced channels of 400-Hz, 1-kHz, and 8-kHz audio tone with a 0.5-Hz click identifying the right channel. The audio output level is switch selectable for microphone and line. The NTSC test signals include SMPTE Color Bars, Multiburst, Multipulse, 5-MHz sweep, and NTC-7 Composite and Combination. Options for unique test signals sets are available.

The company also announced **TS-12M, a rack-mount NTSC video, character, and stereo tone generator**. The product

features character-source ID, vertical-interval ID, stereo-audio tone with microphone and line-gain settings, and automatic bypass of external video and stereo audio. The test signal specifications feature a differential gain of less than 1% and differential phase of less than 1°. When using the automatic bypass feature, external video and stereo audio are looped through the device. If the external video is interrupted or lost, a test signal, character ID, and stereo tone are switched onto the line automatically. If the video link is interrupted or "off the air," the product will automatically test and identify the source problem.

A chemical management system for developer and fixer was introduced by The Allen Products Co., 180 Wampus Lane, Milford, CT 06460. Model IS-199, a mobile automatic mixing and replenishment system with a specific gravity mixing system, responds to the addition of concentrated chemicals and adds the correct amount of water automatically. The product features an audible/visible low-level warning system that is activated when the solution level falls to two gallons or lower; it then resets automatically when the user begins a new mix in the 12.5-gallon tanks.

The L-Light System has been updated, it was announced by Lowel-Light Manufacturing, Inc., 140 58th St., Brooklyn, NY 11220. The product can accept a wide variety of Edison-base (E26) lamps and lamp types, from screw-base (not two-in) multireflector halogen lamps to PAR and R lamps. The refined, tape-up clamp-on base comes off easily to be replaced by a Stand-link, enabling the unit to be attached to stands, clamps, or scissor mounts featuring 5/8-in. or smaller studs. The new barndoor system is comprised of a frame that holds from one to four clip-on doors. The frame can also accommodate ViP swing-in accessories such as scrims, dichroic glass, clear glass, and diffusion glass.

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Employment Service

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Positions Available

Applications Engineer/Videodisc Recorder Specialist. Based in Carson, Calif., for our Rewritable Videodisc Recorder VDR-V1000. Minimum five years experience in professional engineering and/or broadcast industry. Send resume to Manager, Human Resources, Pioneer Communications of America, Inc., 600 E. Crescent Ave., Upper Saddle River, NJ 07458-1827.

Audio Engineer. Theater design, acoustics, equipment selection, implementation and final commissioning. Some IED experience helpful. Send resume and salary history to Iwerks Entertainment, 4540 W. Valerio St., Burbank, CA 91505-1046, Attn: David Snyder.

Senior Video Design Engineer. Immediate opening for professional with digital design expertise and good people skills. Requirements include knowledge of PAL and NTSC television standards, M.S.E.E. degree, and 3 to 5 years of experience in video circuit design. Job description includes design from concept to completion of new video processing circuitry; implementation under discrete digital form, FPGA and custom ICs; control of outside contractors for ASICs design. Company offers good salary and fringe benefits, potential for advancement, and challenging work in creating the ultimate TV images. Send or fax resume to Mr. Yves Faroudja, Faroudja Laboratories, 675 Palomar Ave., Sunnyvale, CA 94086. Fax: (408) 735-8571.

Technician. To install, maintain, and repair AV equipment in auditoriums, displays, and classrooms. Minimum two years experience required. Salary in low 20s. Send resumes to Exhibit Dept., Shedd Aquarium, 1200 S. Lake Shore Dr., Chicago, IL 60605. EOE.

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Engineer. B.S.E.E. with 12 years TV experience in maintenance, supervision, training, audio/video systems design, project management, installation. Seeks systems design or engineering management position. Will relocate. Contact J. Sipos, 1A Leander Lane, Morrisonville, NY 12962. (518) 561-5034.

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