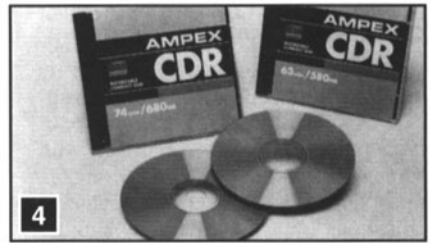
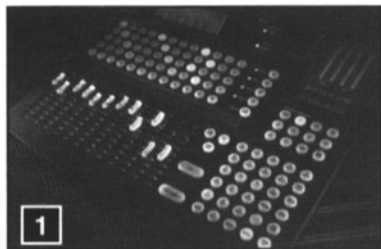


New Products



(1) The D/ESAM 200 digital edit suite audio mixer from Graham-Patten Systems. (2) Birns & Sawyer's Willytec Follow Focus system. (3) The Double Asphere Adapter from Century Precision Optics. (4) The CDR series of recordable compact discs from Ampex (5) The Multi-II from Prime Image. (6) Telebyte Technology's Model 370 LAN Spreader. (7) Otari Corp.'s DTR-8 DAT recorder.

Audio Equipment

New from the Grass Valley Group is the **D/ESAM 200 digital edit suite audio mixer**. Eight inputs are standard, routing to four digital and analog outputs for full compatibility with current-generation VTRs. Sample rate converters handle non-synchronous sources such as CD players and R-DAT machines operating at sample rates between 29 kHz and 54 kHz. Additional inputs are available via plug-in modules, to provide a total of 16 digital and/or analog input channels.

Cables and Connectors

Belden Wire & Cable Co. has introduced the **PowerBrite cord jackets** for its plastic-jacketed cord products. These highly visible products are being offered in neon-like shades of pink, green, and yellow. The PowerBrite jackets are especially suitable for broadcast or rack-mounted applications where a number of power cords are used in the same area or where limited work space makes the identification or classification of cable difficult. The new colors are currently available with Belden's 12-in., 18-in., and 24-in. shielded cords, and with 18-in., 24-in., and 36-in. unshielded cords.

Camera Accessories

The **Willytec Follow-Focus** system from Birns & Sawyer, Inc., can be configured with single or dual-speed knobs, can mount to a single rod for top mount or mini rods application, or bridge onto

15mm and 19mm iris rods. The bridge is designed with four dovetails (an upper and a lower on either side), so that the zero backlash drive mechanism can slide in and out to get closer to or away from the lens. When using physically long lenses such as the 150mm to 600mm zoom, the right-angle attachment for the drive mechanism will enable the operator to comfortably look through the viewfinder while pulling focus without stretching his arm to reach the knob.

Lenses/Optics

The new **Double Asphere Wide Angle Adapter** from Century Precision Optics is designed to expand the coverage of wide-angle Zeiss prime lenses with no appreciable light loss. It uses a single element with two aspheric surfaces, which minimizes distortion, chromatic aberration, and edge resolution loss. The Double Asphere slips easily onto the front of Zeiss primes, converting the 18mm lens to a 13.5mm (35mm), the 12mm to a 9mm (16mm and Super 16), or the 8mm prime to a 6mm (16mm). A lens shade/filter holder, designed especially for the Double Asphere, has one filter slot to accommodate either a 4 in. x 5 in. or Panavision-size filter holder.

Power Supplies

Alexander Batteries has introduced the **Optimizer 2000 Series battery management system**, designed to support nickel-cadmium, nickel-metal hydride, sealed lead acid, and specific lithium technology

rechargeable batteries in three or six bay configurations. Features include CHARGE/DISCHARGE with capacity measurements; ANALYZE, which cycles automatically through a charge, discharge, and additional charge; and CONDITION, which cycles automatically through three separate charge/discharge cycles, showing the capacity for each cycle and the final capacity for all three cycles combined. The Optimizer 2000 Series also has interchangeable battery adapters; a basic although adjustable 900 mA charge rate; 600 mA discharge rate; and a computer interface and software to perform analysis of charge and discharge curves with respect to temperature, time, voltage, and charge current. Fast charge termination is monitored according to voltage and temperature characteristics. It is equipped with a universal switching power supply with power management control for the international market and meets UL, CSA, and TUV agency approvals.

Projection Equipment

The **QA-1800 "true" SVGA TFT LCD projection panel** from Sharp Electronics Corp. allows for text and graphics to be displayed in full 800 x 600 resolution without the need for image compression. It has an "intelligent" wireless remote with recognizable icons, and the compact backlit remote control also has functions such as a pointer, image, enlarge and freeze, volume adjustment, and switching between input sources. Remote control operations are confirmed with an on-

screen menu. The projection panel is compatible with virtually all popular Macintosh and IBM-compatible computers. It projects NTSC, PAL or SECAM video images and has a universal power supply (100 to 240 V AC).

Recording Equipment

Ampex Media Corp. has introduced its **Ampex CDR product line**, which is available in 63-min/580-Mbit and 74-min/680-Mbit configurations. Fully compatible with the Orange Book Standard for Recordable Compact Discs and the ISO 9660 technical specifications (thus assuring compatibility with virtually all CD formats), the CDRs are designed for such applications as reference media for mixes, prerelease versions of CD-ROM and CD-I projects, and for long-term archiving storage. They are fully certified for use on high-speed recording drives that record at 2x, 4x, and 6x normal play speeds, significantly cutting the time needed for uploading large amounts of program material. A special top-surface data shield protects the discs and their information from scratches and abrasions, as well as serves as a chemical barrier that allows users to write across the top surface of the disc with any felt or soft-tipped pen to keep discs more accurately identified and logged.

Signal Processing/Transmission Equipment

The **Multi-II** from Prime Image will accommodate any combination of time-base correctors, frame synchronizers, audio delays, standards converters, and logo insertion cards; users can specify the combination of equipment required, and a variety of models in each category are available. Even different standards — NTSC, PAL, and PAL-M — can be specified singly or in combination. Fully self-contained, the Multi-II allows engineers and technicians easy access to the enclosed boards through the front panel. The unit is controlled by a front-panel menu or via remote control. Genlock, RS-232 port, and proc amp controls are standard for each of the ten cards.

The **Models 370 and 371 LAN Spreader fiber-optic media converters** from Telebyte Technology, Inc., are plug-and-play additions and do not require any software. By maintaining 10BaseFL compatibility, the converters can be used to expand and add devices to an existing network using a 10BaseFL compliant hub. The addition of a pair of Model 370/371s allows a LAN to be extended to a distance of 2 km (over 1 mile), thus, LANs can be spread to other buildings and facilities. Because the connection between the server and workstations is fiber-optic cable, the Model 370/371 is impervious to such disturbances as electrical interference from other equipment, ground loops, surges, and lightning. The Model 370 is powered from the AUI port and the full duplex signals of the AUI port are converted to optical signals and driven over standard fiber-optic cables using ST connectors. In the Model 371, the full duplex signals of the 10Base-T port are also converted to optical signals and driven over standard fiber optic cables using ST connectors.

Software

Abekas Video Systems, Inc., has released **RotoPhoto Version 2.0**, a rotoscoping feature for the Abekas A65, A66, and Diskus DDRs, that is also a plug-in driver for Adobe Photoshop that does batch file transfers. With this new version, RotoPhoto runs in the native mode on the Macintosh Power PC models 7100 and 8100. In addition, it now includes the plug-in for Adobe Premiere Version 4.0, which provides a direct link via the SCSI bus between an Abekas digital disk recorder and the Adobe Premiere user's Macintosh. With the plug-in, the user can import video clips from the A65, A66, or Diskus DDRs into Adobe Premiere, manipulate them, and export the finished results back to the DDR. The RotoPhoto package also includes a new program called Disknet, which performs batch file transfers between the Macintosh Power PC and the A65, A66, and Diskus DDRs. Besides

moving multiple frames with one command, Disknet also allows TIFF and PICT files to be transferred to and from the DDR. It will perform aspect ratio conversion to support square pixels and 16 x 9 images as well as CCIR-601 video.

Video Recording/Playback Equipment

Otari Corp. has announced the **DTR-8 R-DAT recorder**, which provides enhanced facilities for recording user-entered ID characters and accessing other subcode information. The DTR-8 allows an operator to record and subsequently erase up to 60 characters at the beginning of each track. The characters are displayed on the front panel display on playback and can be read by other compatible machines. Also, various subcode time information (START ID, END ID, and SKIP ID) can be written and erased. All TOC information is available for editing and archiving. The recorder offers all basic features required for professional use, including selectable sample rates of 48/44.1/32 kHz, high-speed search (up to 300 times play speed), active balanced analog inputs and outputs on XLR connectors, and both AES/EBU and SPDIF digital inputs and outputs. It also has Q-code synchronized start, which allows precise writing of start IDs when recording from compact discs, even when there is no blank audio between tracks.

For further information regarding the new products and developments listed in this section, contact the companies directly at the addresses listed below:

Abekas Video Systems, Inc., 101 Galveston Dr., Redwood City, CA 94063, (415) 369-5111; Fax: (415) 369-4777

Alexander Batteries, 1511 S. Garfield Pl., Mason City, IA 50401, (515) 423-8955; Fax: (515) 423-1644

Ampex Media Corp., 401 Broadway, MS 22-02, Redwood City, CA 94063-3199, (415) 367-3889; Fax: (415) 367-4132

Belden Wire & Cable Co., Cord Products Division, 11611 N. Meridian St., Ste. 300, Carmel, IN 46032, (800) 246-2673

Birns & Sawyer, Inc., 1026 N. Highland Ave., Hollywood, CA 90038, (213) 466-8211; Fax: (213) 466-7049

Century Precision Optics, 10713 Burbank Blvd., N. Hollywood, CA 91601, (818) 766-3715; Fax: (818) 505-9865

Grass Valley Group, Inc., P.O. Box 1114, Grass Valley, CA 95945, (916) 478-3000; Fax: (916) 478-3187

Graham-Patten Systems, P.O. Box 1960, Grass Valley, CA 95945, (800) 422-6662; Fax: (916) 273-7458

Otari Corp., 378 Vintage Park Dr., Foster City, CA 94404, (415) 341-5900; Fax: (415) 3417200


Prime Image, 19943 Via Escuela, Saratoga, CA 95070, (408) 867-6519; Fax: (408) 926-7294

Sharp Electronics Corp., Sharp Plaza, Mahwah, NJ 07430-2135, (201) 529-8731; Fax: (201) 529-9636

Telebyte Technology, Inc., 270 Pulaski Rd., Greenlawn, NY 11740-1616, (516) 423-3232; Fax: (516) 385-8184

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