

## NEW TECHNOLOGIES UPDATE

Since DV technology is taking more and more of the professional tasks, this edition of *Update* concentrates on accessories that bridge the gap between the consumer or semi-professional equipment and its professional use. Of course, there are other news, too.

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### CAMCORDERS

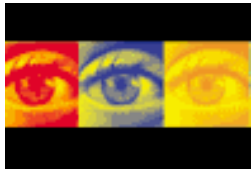


**Panasonic AG-DVC15** teams three Interline Transfer (IT) CCDs with 43-mm filters and a large-diameter 12X optical zoom lens. Manual controls include manual focus, manual iris, automatic white balance, program auto exposure, ND filter and Gain Up (to +12dB). For easy viewing, the unit offers a built-in 3" color LCD monitor or 0.5" color viewfinder. Camcorder is equipped with two 16-bit or four 12-bit digital PCM audio channels, two XLR audio connectors, audio level indicator, manual audio VR (independent channel 1/channel 2), a built-in stereo mic and external mic input.

### DV BASED NON LINEAR SYSTEMS



**AVID XPRESS DV** - affordable editing solution planned for computers running Windows 2000. This software-only versions will enable capture and playback of DV25 through IEEE-1394 cards, as well as control for DV cameras and decks. In short, what is needed is to put this AVID together are powerful PC with FireWire board and fast disks.



Similar to the above, but for less than half of the price, **FAST** has launched **FASTstudio.DV**. Based on *Fast studio* software to be found in Sony ES-3, *Fast Purple* and *Silver*, this software is now available to the widest editing community. It comes in two flavors - desktop (with a FireWire card) and laptop (with a FireWire PCMCIA card).



**DVRexRT Professional** by Canopus is a new version of the famous Windows based system. It's component video I/O, balanced audio I/O and RS-422 analog deck control allows capture of professional-level analog material. It includes real-time editing, MPEG encoding, DVD authoring, soundtrack creation and Internet streaming tools.



**Rolland's DV-7 "Video Canvas"** is a stand-alone, "turnkey" nonlinear audio and video editing workstation designed for high end consumers and pro-sumers. It uses the native DV format throughout entire production and also digitized analog video. Comes with it's own editing software, incorporating also real-time processing.

### DV ACCESSORIES



**Ikelite** underwater housing for DV Camcorders. Housing includes controls for: Power on/off, Start / Stop, Snapshot, Zoom, White Balance, Focus Lock, Manual Focus, Exposure Button, Exposure Dial, ND Filter, AE Program, Menu Button. Includes external UR/Pro filter, wide angle lens, and *Video Eye* viewfinder magnifier.



**Centuryoptics** produces the whole range of optical accessories for DV and DVcam cameras. From wide angle adapters and zoom-thru converters to custom lenses for specialty applications, from 16:9 widescreen adapters up to Achromatic Diopters, mate boxes, etc



**Optex** is another famous manufacturer of optical accessories. One of the examples from the DV line is their new mount for Arri Lenses to be used on Canon XL1. Using it, it becomes possible to use Arriflex PL mounted 16mm, Super 16 and 35mm prime lenses with Canon XL1 camcorders.



**Beach Tek** produces dual XLR adapter for use of professional microphones with consumer DV cameras. Used by a number of professionals who use high end consumer camcorders like Canon XM-1, Sony VX2000, etc., but don't want to be deprived from the use of the professional microphones. Comes in different shapes for different cameras.



**VZ-Pro-LX** lens control from **VariZoom** offers a new way to perform zooms on consumer DV cameras through the LANC connector. Instead of the traditional zoom rocker, there are two buttons which provide a soft, smooth touch for activating zooms,



**DistanceDV** cabling solutions are available in 10, 20 and 50 meter lengths. DistanceDV cables are designed to extend the distance of DV signal beyond the 4.5 meter spec limitation. Each end includes a locking four to six pin adapter for maximum flexibility.



**Post-Op Video's EZ Keyboard** for *Final Cut Pro* offers its users the ability to easily navigate the built-in keystrokes of Final Cut Pro, allowing faster edit and more efficiently than using the mouse to point and click. USB keyboard will work on either G3 or G4 computers, and may be used for all other Macintosh applications, as each key is also identified with its original letter or symbol.



**ShuttlePRO** Multimedia Jog & Shuttle Controller by **Contour Design** is an USB device and it's software is developed for Macs only. Advanced driver allows application specific programmability of its thirteen buttons and the "jog and shuttle" knob. The device is programmable for editing software, too.



**Videonics CommandPost** control panel and application enables custom control of multimedia and editing applications. The individual controls can be assigned to key sequences that are saved as application templates. The intelligent CommandPost application follows the workflow and automatically switches the template between applications.



**Dazzle Fast Hollywood DV-Bridge** converts any analogue, VHS, SVHS, Hi8, etc. tapes into the high quality DV format and vice versa. Since this is done via the hardware codec and in real time, the results are as good as with any other DV device with build in analogue I/Os. For use with FireWire-only DV boards or computers with FireWire equipped motherboards.



**Canopus DV Format Converter** will take DV clips and convert them between NTSC and PAL without leaving DV. Using proprietary interpolation algorithm to retain smooth movement, the DV Format Converter gives the flexibility to use and deliver DV content in NTSC or PAL without using traditional analog conversion devices.