

# New Products

## Cameras and Camcorder

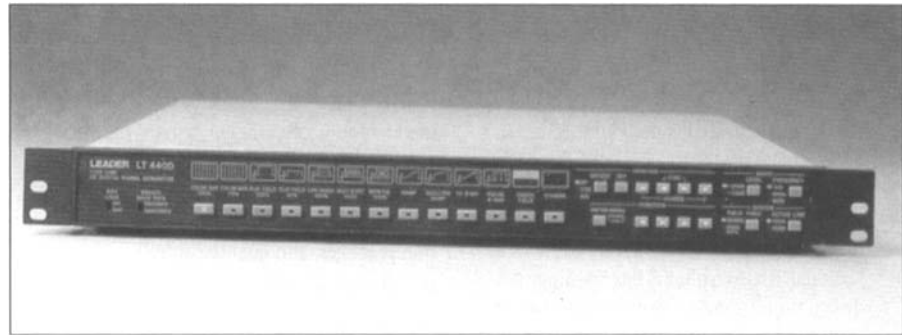
Panasonic Broadcast & Digital Systems Co., has released the **AW-E300 and AW-E600 3-CCD convertible cameras**. The AW-300 features C-mount with a 4.33-mm flange depth for 1/3-in. CCD, 800 lines of horizontal resolution, 63 dB S/N ratio (DNR on), automatic white balance with two setting memory, automatic black balance, SMPTE color bars, high-speed shutter with seven settings, Synchro Scan for shooting computer monitors, electronic light control, minimum illumination of 1.5 lux, high sensitivity, genlock capability, RS-232C interface, and Y/C composite output. The AW-E600 offers a higher resolution and a higher S/N ratio than the AW-300, as well as a 1/2-in. bayonet mount. Both cameras are available with three optional feature cards.

The **AJ-D400 1/2-in. fit 3-CCD DVCPRO camcorder** is also available from Panasonic. It features three low-smear, low noise 1/2-in. 410,1000-pixel FIT CCDs. The AJ-D400 allows high-quality shooting in lighting all the way down to 2 lux. The programmable 3-position gain switch allows the operator to select from 11 settings for complete control of low, medium, and high-gain preferences. The camcorder's digital audio system capabilities include a 48-kHz sampling 16-bit recording and a two-channel PCM digital system. The digital circuitry assures simple operation, minimal maintenance, and has other creative image-processing functions.

## Digital Signal Generator

Leader's new **HDTV signal generator, Model LT 440D**, operates in the 1125/59.94 interlaced system with 1035 or 1080 lines displayed, front-panel switchable with 1125/60 operation optional. It provides three SDI outputs with eight channels of embedded digital audio, as well as a separate AES/EBU stereo output.

The LT 440D complies with SMPTE standards 240M (1035 lines displayed), 274M (1080 lines displayed), 291M, 292M, and 299M.



HDTV signal generator Model LT 440D.

Fourteen test patterns especially set for digital operations include 100% and 75% color bars, line sweep, multi-burst, bowtie, oversized and shallow ramps, staircase, and the pathological check field. Outputs feature three SDI feeds, two tri-level sync feeds, H and V drive, and a separate AES/EBU digital stereo feed.

## Disk Drives

Leitch Technology Corp. introduced **18 GB Fibre Channel disk drives**. Leitch's new FC-301 disk arrays hold ten 18 GB Fibre Channel disk drives, doubling the array's previous storage capacity. ASC VR300 servers with 18 GB drives are now available for purchase.

## Editing System

Blossom Technologies has introduced the **Fury LX complete turnkey real time editing system**. The LX features Pentium II technology, Windows NT 4.0 operating system, 128 MB Ram, and 1 hour of Beta SP quality storage. It features 130 real time transitions, real-time keying, real-time tilting, 99 layers of video and audio, 66 filters, full motion control, and full speed control.

Standard on the Fury LX is composite, s-video, component, balanced audio and unbalanced audio I/O. Compression is variable down to 1.5:1, mathematically lossless. Options include Serial D-1 and DV 1394. The Force3D option adds a real-time 3 DVE with over 100 "canned" effects, water ripples, squeezes, and picture-in-picture.

## Projector

Hughes-JVC, has announced a new model to its line of single lens ILA large screen projectors. The **250SC** features brightness of 5400 ANSI lumens and true display resolution of 1700 x 1300 and includes a higher efficiency illumination system based on new Light Integrator technology. This generates 5400 ANSI lumens from a 2000-W xenon arc lamp, while creating an image with vastly improved corner-to-center uniformity. The lamp itself is designed for reduced flicker and thermal effect, as well as enhanced lamp life. It offers new CRTs with reduced spot size, which results in improved resolution, allowing the 250SC to accept signals up to 2300 x 1750. These CRTs are coupled to new higher resolution ILA light valves with improved relay lenses. A new Graphics Enhancer Plus feature provides software control for crisper edges on text graphics. An internal scan doubler is available on a simple plug-in Video Input Card.

## Video Record Player and Processor

Philips Digital Video Systems Company has introduced the new **VR8000 HD High Definition Video Record/Play module**. The Media Pool utilizes a patented high bandwidth fibre channel switch. It uses all native Media Pool applications, as well as the industry-standard control protocols, eliminating the need for operators to learn new interfaces. The 360-Mbit stream can be recorded as a normal file and

