

New Products

Camcorder

JVC has introduced the GY-DV5100, a new 12-bit ADC Pro-DV camcorder. The GY-DV5100U utilizes a newly developed 24-bit digital signal processor (DSP) that produces higher resolution images with dramatically less visible noise than previous models. Its integral 12-bit analog-to-digital converter (ADC) allows the camera to provide color details throughout its 400% dynamic range. With increased clarity and ability to produce details and colors in both shaded and highlighted areas, the GY-DV5100U delivers images previously found only in expensive field production cameras.

The GY-DV5100U is also tightly integrated with JVC's direct-to-edit (DTE) disk recording module, the DR-DV5000U. DTE provides all of the advantages of tapeless acquisition with the added benefit of being able to edit directly from the files created by the camera. The optional DR-DV5000U attaches to the rear of the camera without cables via a built-in 52-pin connector and works in conjunction with the camera's CPU.

LCD Monitor

Panasonic has announced delivery of the AJ-SD965, a high-performance 50 Mbit/sec DVCPRO50 studio VTR with built-in color LCD monitor. The AJ-SD965 utilizes the newly-developed DVCPRO XL cassette, which allows two hours of recording in 4:2:2, 50 Mbits/sec DVCPRO50 with four-channel 48-kHz, 16-bit digital audio, and for added flexibility, records for four hours in 4:1:1, 25 Mbits/sec DVCPRO with two-channel digital audio. Selectable between 525/625 operation, the AJ-SD965 addresses a broad range of applications in television and video production.

Projector

Panasonic Broadcast has announced the high-resolution PT-D7700U, light-weight, large-venue three-chip DLP projector. The heavy-duty PT-D7700U offers an industry-leading 4000:1 contrast ratio and a 1400 x 1050 SXGA+ resolution in a native 4:3 aspect ratio. It is equipped with a three-chip DLP light valve to produce 7000 lumens of brightness and vivid, true-to-life images. The projector offers built-in multiscreen color matching and edge blending for displaying uniform, natural-looking, full-motion images over a wide span without any discernible lines between overlapping blended images. This HD-capable projector can automatically synchronize to display 1080/24p, 1080/24sF, 1080/30p, 1080/25p, 1080/60i, 1080/50i, 1035/60i, 720p, 480p, 480i, and 576i video in the conventional 4:3 aspect ratio.

DVEO
Pro Broadcast Division
by **CMI**

Future Proofing for the Digital Age



Quad/i™

- 4 DVB ASI input ports
- PID filtering and playback
- Supports SPTS or MPTS
- Packet arrival timestamping
- Windows 2000, XP & Linux

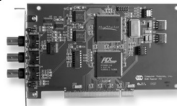
HD Maestro™

- Fully HD resolution ATSC MPEG encoder
- PC based for expansion and connectivity
- Perfect for re-purposing of SDI and HD-SDI for HD market
- Encodes to ATSC and beyond



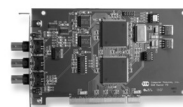
MuxMaster™

- Supports 4 DVB ASI input ports
- TS Mux on a single PCI card



SDI Master™

- Build your own SDI disk recorder
- 8 to 10 bit SDI in/out
- Windows and Linux support for OEMS



DVB Loop™

- Feature-rich transport stream capture and playback
- Widely used at NAB 04, labs, and field testing

DVB Rocket™

- Standards compliant
- IP to DVB encapsulator
- Tested at 100M
- Linux based for easy remote management



Obituaries

Alan F. C. Hirst, a Life Member of the Society, passed away on September 4, 2004, after a long illness.

Hirst began his career at Kodak Limited in 1944 as a Technician in the Research Laboratory and later moved to the Motion Picture Sales Division as a Technical Advisor. He retired from Kodak in 1986 and became Administrator of the IABM. However, this ended after a decade, when he was diagnosed with Parkinson disease.

Hirst was a member of the BKSTS, of which he was awarded a Fellowship in 1969 for his work in the field of film processing. He was president of that Society from 1982 to 1984 and chairman of their 1985 Technical Conference.

Hirst is survived by his wife, Joy, his children Mike and Sue, and three grandchildren.

The Society has also recently learned of the passing of the following members:

Bernard A. Bentley, Life Member

Emil J. Bolsey, Life Member

James C. Carrey

Jacqueline A. Harris

John P. McNally, Life Member

Albert J. West Jr., Life Member

