

widest possible angle of view and a high degree of barrel distortion. It exaggerates depth, pulling nearby objects closer and causing distant objects to recede into the background.

When mounted on the XLI, the **1.6X tele-converter** provides greater telephoto reach. The converter instantly shifts the focal length-range in the telephoto direction.

Achromatic diopters can be used in situations that require tight focus on a small object in tabletop, miniature, and flat field videography. Adding them to a zoom with a lens front provides greater close-up range and magnification while maintaining zoom capabilities, without compromising image quality. The diopters are available in +2.0 and 3.5 magnifications.

Projection System

Autograf Cinema Systems has introduced the **CAF-100**, an automated focusing vehicle for projected moving pictures. The system consists of the CAF-100, a CCD camera, and a variable stepping motor. The product makes a rough focus, then constantly refines the focus until the best view is reached. The system then detects focus variations the human eye can't see. The system also has a digital signal processor which makes sure the focus calculation for one frame is done before the next frame is ready and before the lens is moved as needed.

Recorder

Panasonic Broadcast & Digital Systems Co. has announced the availability of the **AJ-D90 DVCPRO50 dockable VTR**. The AJ-D90 features 4:2:2 signal processing and switchability between a DVCPRO 4:1:1 signal and the DVCPRO 4:2:2 signal. The product allows camera people to use their existing analog and digital cameras for high-quality component digital news and field acquisition.

The VTR offers a 4:2:2 signal processing platform, a digital video data rate of 50 Mbits/sec, 3:3:1 DV-based compression, and 16-bit 48 kHz sampled channels of uncompressed digital audio.

Additional features include phantom power supply, built-in monitor speaker, stereo mini jack (x1) for audio monitoring, time code In/Out (BNCx2), a large LCD multidisplay, and an external DC In/Out connector.

Software

The **BitAlyzerHDTV** (Model HDVA292) from SyntheSys Research is built on an Windows-NT platform with advanced touchscreen control. It produces realtime error statistics for format errors and includes logic analyzer features for

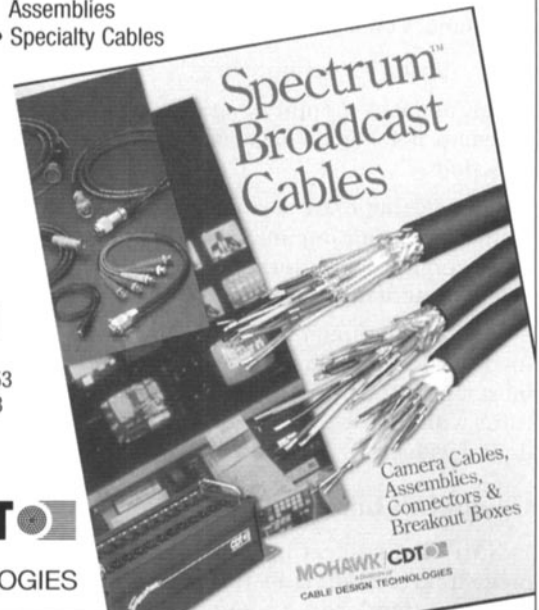
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capturing erred data and analyzing it offline. Enhanced diagnostic features include digital waveform display, numerical display, and picture mode.

Autograf Cinema Systems, Banvaktsvagen 22, S-171 48 Solna, Sweden, tel: +46 8 587 935 99, fax: 46 8 587 935 00, e-mail: info@autograf.se, Internet: <http://www.autograf.se>

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

Century Precision Optics, 11049 Magnolia Blvd., North Hollywood, CA 91601, tel: (818) 766-3715, fax: (818) 505-9865, Internet: <http://www.centuryoptics.com>

Fujinon Inc., 10 High Point Dr., Wayne, NJ 07470, tel: (201) 633-5600, fax: (201) 533-5216

HydroFlex, 5335 McConnell Ave., Los Angeles, CA 90066, tel: (310) 301-8187, fax: (310) 821-9886, e-mail: h2opros@hydroflex.com, Internet: <http://www.hydroflex.com>

Panasonic Broadcast & Digital Systems Co., One Panasonic Way, Secaucus, NJ 07094, tel: (201) 392-4319, fax: (201) 392-6001

SyntheSys Research Inc., 3475-D Edison Way, Menlo Pk., CA 94025, tel: (650) 364-1853, fax: (650) 364-5716, Internet: <http://www.synthesysresearch.com>

Calendar

SMPTE Activities

ORLANDO, FL—33rd SMPTE Advanced Motion Imaging Conference, Omni Rosen Hotel, *February 25-27, 1999*

SYDNEY, AUSTRALIA—SMPTE '99, *July 13-16, 1999*

NEW YORK, NY—141st SMPTE Technical Conference & Exhibit, *November 19-22, 1999*

For more information on these and other SMPTE activities contact SMPTE Headquarters: (914) 761-1100, Fax: (914) 761-3115

October

Rocky Mountain Film and Video Expo, John Q. Hammons Convention Center, Denver, CO. Info: Mark Cramer, Expo-Masters, Inc., 7632 E. Costilla Ave., Englewood, CO, 80112, *October 14-15, 1998*