

New Products

Camcorders

Canon USA, Inc., has introduced the XL1, digital video (DV) camcorder. The XL1 is the first DV camcorder to incorporate a Canon Interchangeable XL Lens Mount System which works with Canon XL video lenses and EOS 35 mm camera lenses. Designed for the performance requirements of a 3-CCD imaging system, which has become a standard in the field of video production, the XL bayonet mount reaches the maximum potential of digital video formats.

At 16x, the XL1 includes the longest optical zoom on a DV camcorder to date. The high-performance lens resolves over 600 TV lines for an extraordinary sharp image. The zoom lens' focal length range is 5.5 mm to 88 mm which is a 35 mm focal length equivalent of 39.6 mm to 633.6 mm. The lens internally incorporates high-speed motors for auto-focus and zooming.

The XL1 uses 3-CCD image sensors to create true-to-life quality images. Each CCD processes a primary color separately, one for red, one for green, and a third for blue. A beam splitting prism separates the light passing through the lens into individual color components, and each is sent to its own CCD resulting in highly accurate color reproduction.

Editing Equipment

WaveFrame Corp., has introduced the 408 editing tool for film/video sound. The software delivers increased editing speed and enhanced realtime control. A new software package (v6.2) provides OMF 2.01 file compatibility, support for optional multichannel digital input/output (I/O), and import/export filter for WAV, AIF, and SDII file formats. Other 408 features include integrated 64-bit ATI graphics, Sony P2 and ES bus machine control (Microlynx), ISA and PCI expansion slots, and integrated Ultra SCSI controller for OMF and multimedia applications. The optional multichannel AES/EBU digital outputs use the same dB-25 pin out configuration as the DA-88 analog outputs, and up to 24 digital I/O channels are available. A DSC hardware edit controller and Peavey Media Matrix DSP are also available as options.

The Postbox elite nonlinear editing system from Panasonic features improved video quality, audio functions, and media management. The product integrates nonlinear editing with online component

video quality, has over 300 realtime transition effects, a character generator with roll, crawl, and transition effects, and also features graphics import and VTR control. Other new audio and video features include the highest quality Q3 video compression, comparable to DVCPRO component digital, in addition to current Q6, Q8, Q11, and Q23 compression levels; SCSI storage management allowing users to change out AV Hard Drive units; and control of RS-232 VTRs and binary display of user bits

Film Cleaner

Lipsner-Smith Co., has launched an ultrasonic motion picture film cleaning machine called the CF-7200. The film is immersed in a warm bath of ultrasonically cavitating solvent. As a result, physical contact with the image is minimized while contamination is gently removed. A continuous distillation option is also available with the CF-7200. This feature allows operators to distill solvent while simultaneously cleaning film allowing for uninterrupted 24-hour operation.

Lenses/Optics

Fujinon has announced the availability of the A10X4.8B-10 wide cine style lens. The new lens features a 90° horizontal field of view in the 16:9 format, and over 85° in the 4:3 format with less than 1% distortion at a wide angle. The product also has a two-foot M.O.D. that is measured from the object plane.

Additional end user benefits include a newly designed inner focusing system that reduces image size change to a minimum when focusing; zoom and focus gearing that accommodates most cine-style controls; and large orange numerals for focal length and "T" stop that are visible from both sides of the lens.

Software

WaveFrame has also announced the release of version 6.2 software upgrade for most WaveFrame and StudioFrame digital audio workstations. The software includes enhanced support for file interchange, including import and export of WAV, SDII, AIF, AIFC, and OMF 2.0 files. A new utility allows conversion between OMF Composition and WaveFrame tracks, with full support for OMF conversion 2.01 track EDLs. The software runs on all WaveFrame/StudioFrame 401, DCS, DAW-80, and the previously mentioned 408.



The XL1 Digital Video Camcorder.

Signal Processing/Transport Equipment

The 96-point bantam PP-96-2 patch bay from Signal Transport fits in a single standard rack space, and features a jumper system that allows each of the 48 jack pairs to be configured for any one of five different normalling options. Each of the 48-channel pairs has a jumper matrix allowing easy selection of normalling configurations by insertion of two jumper plugs. Fully compatible with all Project Patch wiring systems, the product utilizes the same multipin connectors that carry input/output audio signals in 8-channel groups. All jacks have zinc die cast frames with Western Electric gold alloy contacts.

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

Canon U.S.A., Inc., One Canon Plaza, Lake Success, NY 11042, tel: (800) 652-2666, Internet: <http://www.canondv.com>.

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

Lipsner Smith Co., 4700 Chase, Lincolnwood, IL 60646-1689, tel: (847) 677-3000, fax: (847) 677-1311, Internet: Email@Lipsner-Smith.com.

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

Signal Transport, 3219 Pierce St., Richmond, CA 94804, tel: (510) 528-6039, fax: (510) 528-6043.

WaveFrame Corp., 947 Kagawa St., Pacific Palisades, CA 90272, tel: (818) 843 7004, fax: (818) 842-8945.