

New Products

Audio Equipment

The AKG D-230 microphone from AKG Acoustics was designed for demanding ENG applications and incorporates a sensitive omnidirectional capsule to produce high usable signal output with minimal noise. The mic has a smooth and natural vocal quality when it is placed some distance away from or at an extreme angle to the speaker. The engineering includes a very high distortion threshold to maintain a clean response when reporters have to shout directly into the microphone over high ambient noise. The AKG D-230 also features an integrated windscreen designed to suppress wind noise and report "p-pops." An advanced capsule isolation virtually eliminates handling noise.

Also from AKG is the **CK 69-ULS dual-length shotgun capsule microphone**, which meets the needs of both near and far field situations through the use of a two-part interference tube. The full-length tube creates a versatile long shotgun mic for medium distance recording outdoors, or for front of stage recording indoors at distances of approximately 20 to 24 ft. When used in conjunction with the new C 480B pre-amp, the CK 69-ULS provides ultra-linear frequency response and transfer characteristics, along with low noise and high sensitivity.

Fairlight USA has introduced the **Fairlight DaD 24-track Digital Audio Dubber**. The device is a disk-based playback-only machine that works with files created by Fairlight MF3 Series workstations and is designed specifically for use in sound mixing sessions. Multiple DaD units can be controlled simultaneously, and each unit can be configured from 4 to 24 tracks in 4-track increments.

Fostex Corp. of America announced the **D-15 digital master DAT recorder**, which includes multiple cue levels, multiple cue times, on-board parallel ports, and 20-bit/8x oversampling capability. Incorporated into the recorder is a time code chase-lock and 9-pin RS-422 remote machine control interface, as well as instant start, RAM scrubbing, cue-to-modulation, and program accessibility via wither program numbers of Absolute time.

The Microtech Gefell UMT 800 large-format condenser microphone from G Prime Ltd. features a sizable head grill and five switchable polar patterns. The pickup capsule is an M7, a pressure gradient transducer made of two large PVC

diaphragms sputtered with gold. The mic is intended for voiceovers and high-quality sound pickups in professional music studios, broadcast and television studios, and motion picture sound stages. The solid-state transformerless amplifier uses industry-standard 48-V phantom powering.

The K2 sound reinforcement console from Soundcraft is engineered to perform in both touring and fixed installations. The 8-bus console is equipped with a sweepable high-pass filter, a 4-band EQ with two swept midis and switchable Q, 8 aux sends with pre- and post-switching in pairs, LED input metering, a midi-controlled muting system with 8 mute groups, subgroups, 128 mute/scenes, stereo return, and 11 x 4 matrix.

Cameras

The CAM-SCL camera from Telemetrics, Inc., features a 1/3-in. interline transfer CCD that produces more than 460 lines of horizontal resolution in as little as 7 lux at F1.8 with an SNR of 48 dB. Additional features include component Y/C output, TTL auto tracing white balance, and a 28-step electronic shutter. The camera also comes equipped with a 12x zoom lens with a focal range of 5.4 to 64.8 mm to accommodate a variety of applications.

Compression Equipment

The MPEG-2 compression system from Leitch, Inc., features broadcast contribution-quality MPEG-2 signals. The system will permit the exchange of pre-edited and post-edited material between studios and post-production houses using standard DS3 telephone lines. The system is a single-board module that supports a 4:2:2 profile at main level and fits into a 3-RU DigiBus frame. The compressor supports I, IP, IPB, and IPBB as well as other GOP structures, and provides audio and data timing synchronization and multiplexing.

Editing Equipment

Fostex Corp. of America introduced the **D-160 removable hard disk recording editing system**. It comes standard with a removable 2.55-Gbyte hard drive for 30 min of 16-track and 1 full hr of 8-track recording capability. It also features 16 dedicated channels of audio plus 8 "virtual tracks," allowing sounds to be grouped for sweetening. A selectable stereo S/PDIF port and ADAT digital interface use two optical I/Os capable of accommodating 16 tracks of ADAT digital data.

Graphics/Special Effects

The DSK-6801 downstream keyer from Leitch, Inc., was designed for both broadcast and production facilities. It may be used for character generator insertion, still store insertion, and logo and animation keying. It also provides program and key inputs, GPI control, program output, and a preview channel.

Lighting Equipment

Videssence, Inc., has introduced the **V-Beam 2256 medium-zone luminaire** for keylight, backlight, or set/cyclorama illumination. Available in 120 and 230-V AC versions, the fixture comes in dimming and nondimming versions.

Production/Post-Production

Eastman Kodak Co. introduced a new line of products for the Cineon system that includes the **Cineon Genesis Plus film scanner, enhanced Cineon effect (FX) and compositing software (version 3.5), and the new Cineon Lightning II laser film recorder**. The scanner accurately translates the full range of color and contrast in analog film images into digital image files. The Cineon FX software systems feature an improved grain management tool that can automatically sample one element and apply the grain to another element. The Cineon Lightning II laser recorder offers a fiber network interface and queue manager for recording jobs from networked workstations and a command line interface to production management systems.

Radius, Inc., announced the **VideoVision ML QuickTime media layer production system** for the Mac OS. The system provides complete QuickTime functionality, allowing seamless work with any compatible 3-D, editing, or animation application. It includes a frame buffer that provides a second desktop on a video monitor, allowing graphic artists, animators, and editors to work directly with their material in the correct NTSC color space on a flicker-free video display. Features include compression ratios to 2:1, hardware synchronized audio, adjustable capture size, and interpolated playback.

Projectors

The Westrex RA7035 projector from Westrex was designed for screening, high-speed dubbing, and image/soundtrack analysis. Features include high-speed 6x or optional 10x speed forward or reverse

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Ideal candidates will have extensive experience taking system-level design projects from concept/development to field installation. Must be proficient with MS Windows, Word and Excel (AutoCad a plus); and have experience designing audio communications systems and interfacing PCs and Macs to audio hardware. A background in sound reinforcement, video/audio post production, film sound, or designing ADA compliant assisted-listening systems and video captioning systems is highly desirable. Familiarity with the audio impact of HVAC, mechanical and electrical systems, as well as interior finishes and architectural design, is essential. Some travel required.

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selection, adjustment-free operation to 540 Mbits/sec and more, operation with multiple data types, low power consumption, and low jitter.

Telebyte Technology, Inc., introduced its **Model 8323 RS-232 to RS-422 interface converter**, which allows information exchange in full duplex mode over two twisted pairs. It converts RS-422 signals to RS-232 signals bidirectionally, and this conversion is accomplished while maintaining optical isolation between the ports. The Model 8323 includes TD and RD LEDs as well as a built-in power supply. The power input is standard for 110 V/60 Hz or as an option for 220 V/50 Hz. A full complement of dip switches is provided to select pull up and pull down resistors on RS-422 receive data lines as well as terminal loads for transmitters and receivers.

Viewgraphics, Inc., introduced its **Dynamo Media Pump line of three interface boards** that allow PCI bus-based computers to receive and transmit MPEG-2 multiprogram transport streams. Designed for a wide range of digital television applications including commercial insertion, satellite news gathering, and a variety of program origination function, the Dynamo MediaPump permits PCI bus-based servers to link directly to assorted MPEG-2 equipment.

Software

Eastman Kodak Co. has announced its **Kodak PixFactory technology**, a new suite of software tools that facilitate image database development, including the preparation of image content. The suite includes the Kodak PixFactory media converter, used to convert digital images from other common file formats into the FlashPix file format; the Kodak PixFactory media cataloger, which is used to prepare digital image files for indexing by enabling non-image data (metadata) to be stored within the image files; the Kodak PixFactory media viewer, which provides a way to view FlashPix format images at a choice of resolutions, along with the images' associated metadata; the Kodak PixFactory media streamer, a Web-server plug-in used to build applications for distributing FlashPix format files on-line; and the Kodak PixFactory DataBlade Module, which enables native FlashPix file format support for the Informix-Universal server database system from Informix Software, Inc.

Viewgraphics, Inc., has introduced **Dataview 6.0 software for its Dataview line of serial digital adapters**. This new version offers support for new data file format conversions and extended video capture features. It also offers an improved graphical user interface (GUI).

through the gate, optional jog/shuttle at cine speeds of still frame and 1 to 60 frames/sec, high-speed cueing to any frame with built-in frame/footage counter and loop mode, a separate direct drive shutter and pulldown motors that allow flickerless projection at low frame rates, and bi-phase interface.

Recording Equipment

Fostex Corp. of America has introduced its **Fostex D-90 hard disk recording system**. It comes standard with analog I/O ports, a stereo S/PDIF port, and an ADAT digital interface that uses an optical data port that will accommodate eight tracks of ADAT digital data. It also offers D-sub 25-pin balanced I/O functionality and balanced I/O and SCSI capability. Other features include a vari-pitch function that allows for $\pm 6\%$ pitch variations, a selectable sampling rate of either 44.1 kHz or 48 kHz, and an MTC record track select function key.

Routers and Switchers

Leitch, Inc., introduced the **Clean Switch (3611CS)**, which permits switching between two independently timed sources. It is primarily designed to provide a seamless switch to the second input or a locally

generated black signal if a loss of video is detected. The unit can also be configured to make a second default switch to black if signal loss is detected in the second input. The switch occurs without disturbing EAV/SAV, VBI information, or ancillary data. The Clean Switch is capable of passing embedded audio, and signal switching can be controlled from the DigiBus universal control panel or from the front of the switch module.

Signal Processing Equipment

Faroudja Laboratories, Inc., has announced its **YCP 101 NTSC/PAL digital enhancer ASIC for OEM video processing applications**. The unit offers digital luminance and chrominance enhancement consistent with 10-bit digital I/O, digital YUV outputs, input luminance rates up to 30 MHz and output luminance rates up to 60 MHz, and an adaptive digital averager to reduce cross color with NTSC signal sources and eliminate Hanover blinds with PAL sources.

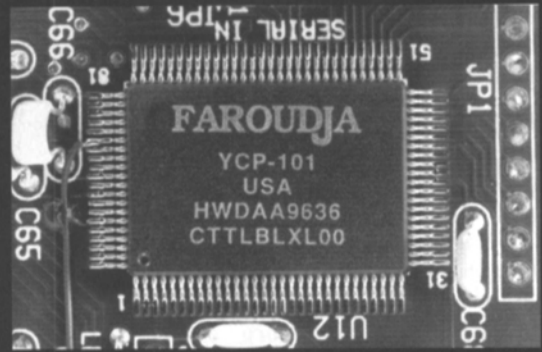
New from Gennum Corp. is the **GS9035 serial digital reclocker**, designed for use in all serial digital reclocking applications where jitter elimination is required. Features include automatic standards



AKG D-230 microphone from AKG Acoustics.



D-160 removable hard disk recording/editing system from Fostex Corp. of America.



YCP-101 digital enhancer from Faroudja Laboratories.



Model 8323 interface converter from Telebyte Technology.



The extra-wide edit desk from Winsted Corp.

Support Equipment

Winsted Corp. introduced its **110 in. wide wraparound edit desk**. The extra wide work surface combined with a spacious monitor riser provides extra room for side-by-side operator/client editing. A modesty panel provides cable management while keeping the desk looking clean and uncluttered.

Test/Measurement Equipment

The **STA-7000H portable serial timing analyzer** from Leitch, Inc., allows users to easily time serial digital signals within any operation. Signals are compared to each other or to a separate reference signal. The analyzer locks to a house reference signal and will maintain a stable lock for up to 15 min after the signal is removed. It also provides error detection and handling monitoring as well as cable length and equalization measurement.

Minolta Corp. introduced the **CB-150 CRT focus meter**, which consists of a processing unit with a built-in video generator that supplies the necessary test pattern, measuring head, and Windows-based software. Additional features include auto focus, auto head positioning, jitter control mode, auto iris, and three different measuring modes.

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

AKG Acoustics, c/o Harman Pro North America, Inc., Air Park Business Center 12, 1449 Donelson Pike, Nashville, TN 37217, tel: (615) 399-2199, fax: (615) 367-9046

Eastman Kodak Co., 343 State St., Rochester, NY 14650, tel: (716) 724-4000

Fairlight USA, 3855 Hughes Ave., 2nd Fl., Culver City, CA 90232

Faroudja Laboratories, 750 Palomar Ave., Sunnyvale, CA 94086, tel: (408) 735-1492, fax: (408) 735-8571, Internet: <http://www.faroudja.com>

Fostex Corp. of America, 15431 Blackburn Ave., Norwalk, CA 90650, tel: (310) 921-1112, fax: (310) 802-1964, e-mail: info@fostex.com, Internet: <http://www.fostex.com>

G Prime Ltd., 1790 Broadway, 4th Fl., New York, NY 10019, tel: (212) 765-3415, fax: (212) 581-8938

Gennum Corp., P.O. Box 489, Station A, Burlington, Ont., Canada, L7R 3Y3, tel: (905) 632-2996, fax: (905) 632-2055

Leitch Inc., 920 Corporate Ln., Chesapeake, VA 23320, tel: (800) 231-9673, fax: (757) 548-4088, Internet: <http://www.leitch.com>

Minolta Corp., 101 Williams Dr., Ramsey, NJ 07446-1293, tel: (201) 825-4000, fax: (201) 423-0590, Internet: <http://www.minoltausa.com>

Radius, Inc., 215 Moffett Park Dr., Sunnyvale, CA 94089, tel: (408) 541-6100, Internet: <http://www.radius.com>

Soundcraft, c/o Harman Pro North America, Inc., 1449 Donelson Pike, Nashville, TN 37217, tel: (615) 399-2199, fax: (615) 367-9046

Telebyte Technology, Inc., 270 Pulaski Rd., Greenlawn, NY 11740-1616, tel: (516) 423-3232, fax: (516) 385-8184, e-mail: sales@telebyteusa.com, Internet: <http://telebyteusa.com>

Telemetrics, Inc., 6 Leighton Pl., Mahwah, NJ 07430, tel: (201) 848-9818, fax: (201) 848-9819

Videssence, 189 Airport Blvd., Burlingame, CA 94010, tel: (415) 579-7577, fax: (415) 579-7579, e-mail: videssence@aol.com

Viewgraphics, Inc., 1340 Space Park Way, Mountain View, CA 94043, tel: (415) 903-4900; (415) 969-6388

Westrex, 4545 E. Industrial Blvd. #5B, Simi Valley, CA 93063, tel: (805) 520-2500, fax: (805) 520-2505, Internet: <http://www.westrex.net>

Winsted Corp., 10901 Hampshire Ave. S., Minneapolis, MN 55438-2385, tel: (612) 944-9050, fax: (612) 944-1546, e-mail: racks@winsted.com, Internet: <http://www.winsted.com>