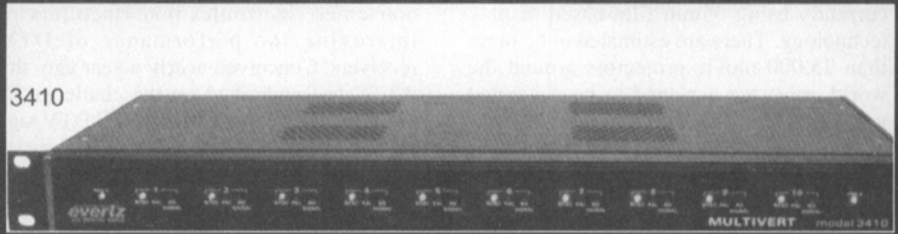
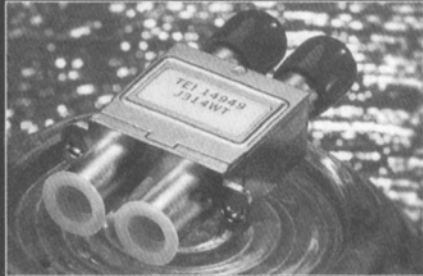




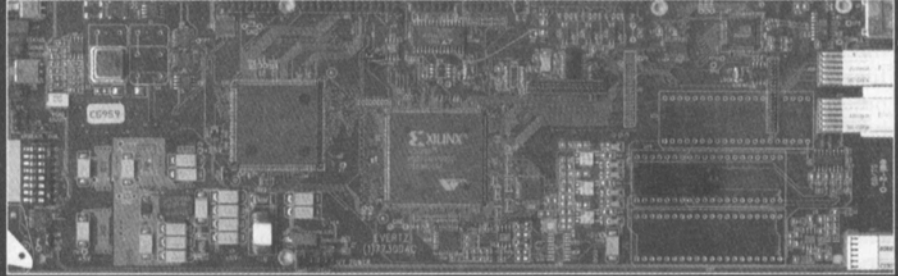
The SK-777 switchable broadcast camera from Hitachi Denshi.



The 3410 encoder from Evertz.



J314W patchjack from Trompeter.



Evertz 7730DAC-HD converter.

New Products

Broadcasting Equipment

ADC Telecommunications, Inc., unveiled a host of new products to ensure reliable implementation of emerging broadcast technologies. Products include the **Envoy 7256 digital router**, an AES router based on a novel TDM (time division multiplexed) architecture to complement the Envoy super wideband digital routers. **Envoy 6904 4 x 1 digital secondary switch**, a 512 x 128 digital video expansion frame for the Envoy router series that accepts inputs from each of four 256 x 128 Envoy digital routers for a total of 1024 inputs, supporting data rates from 3.072 Mbits/sec to 1.5 Gbits/sec. **Innovator series solid state transmitters** with parallel broadband, LDMOS amplifier modules, efficient and reliable air-cooling, flexible formats and available in scalable power levels to 120-kW analog and 60-kW DTV. The **6400 multichannel fiber optic transport and switching system** available in two scalable versions (6408 and 6444) that operate standalone or connect to existing DV6000 networks.

JVC has launched the **RM-P275 triaxial system**, capable of accommodating both 16:9 widescreen image signals in addition to the traditional 4:3. Features include genlock circuit, video level control,

intercom, and tally. Output signals attainable through the RM-P275 include component, Y/C, and composite.

Leitch Technology Corp. has introduced the **Integrator 515 x 512 multiformat router**. The router integrates all digital and analog formats, including ASI and HDTV at 1.5 Gbits/sec, with advanced control software. Integrator 512 also offers deterministic, field-accurate switching in 4, 6, or 8RU frames and is available in high-definition, coaxial or fiber SDI analog video, AES audio, mono, or stereo analog audio levels. Other features include dual outputs, references, and individually configurable serial ports, redundant hot-swappable power supplies, and control logic.

Leitch has also announced the **Opus multichannel, high- and standard-definition master control switcher**. It provides 16 primary and 8 key/fill inputs as well as 6 auxiliary video outputs and incorporates 8:4:4 video processing throughout, for optimum video performance. Opus also features preset-to-program bus transitions including mix, vec, fade-cut, cut-fade, and wipes standard.

Cameras/Equipment

Hitachi Denshi America, Ltd., has intro-

duced the **SK-777 switchable broadcast camera**. With a 12-bit A/D converter and 2/3-in. 640,000-pixel FIT CCD chip, the SK-777 features all the necessary accessories and functions required by broadcasters, including broadcast triax adaptors, 16:9/4:3 switchability, and horizontal resolution of 850 television lines. The camera has a sensitivity of F11 at 2000 lux and DSP functions including automatic flesh-tone detail. It also includes a plug-in set-up card for restoring the parameters to a previous set-up condition.

Telemetrics has announced a wide selection of new camera robotics equipment. The **CP-D-2A desktop camera control panel** controls Telemetrics' serial pan/tilt heads and serial receiver with features that include four camera select buttons, four optional select buttons, dual proportional joysticks, and 32 memory presets. The **CP-R-2A rackmount camera control panel** also controls Telemetrics' serial pan/tilt heads and serial receiver units and offers eight camera select buttons, dual proportional joysticks, and memory for eight presettable shots.

The **PT-HD3 heavy-duty pan/tilt head** is designed for use with Telemetrics HD-HOU weatherproof housing. It features a rugged aluminum housing with all metal gearing, 14-pin connector for power and drive signals, DC servo controlled drive

motors with 345° pan and 185° tilt ranges, and easily adjusted stops.

Angenieux has teamed up with Carl Zeiss to produce the **CLA 35 HD prime lens adapter**. The CLA 35 HD is designed to allow high-quality 35mm prime lenses to be mounted on 2/3-in. HD cameras providing producers with the ability to utilize their professional film lenses for HD video productions.

Camcorder

JVC has introduced the **DY-70 camcorder**, an addition to the D-9 product line. The DY-70 utilizes three newly developed 380,000-pixel 1/2-in. IT CCDs with microlens technology to achieve superior sensitivity and resolution. The lightweight unit is suitable for ENG applications. Total weight including the VF-P115 viewfinder, lens, battery, and tape is 15 lbs; power consumption is 26W.

Converters

Miranda Technologies has announced the picoLink miniature HD digital-to-analog converter. The **SDM-871p** is designed to facilitate monitoring of high-definition, serial digital (HD-SDI SMPTE 292M) video signals. The converter's RGBHV/YUV output with user selectable sync type allows it to be used in a wide variety of HD component analog and multisync computer display monitors.

The Evertz **7730DAC-HD** is a professional quality digital to analog converter for HDTV. It supports all signal standards specified in SMPTE 274M and SMPTE 296M. The converter allows users to select between RGB or YPrPb for VGA and has user controlled 4:3 alignment markers, allowing for convenient framing of the video signal. With various passive rear modules the 7730DAC-HD can easily interface to both standard broadcast monitors and VGA computer monitors. It also features analog and audio monitoring that enables it to provide a full analog solution for monitoring a serial HD image and associated embedded audio.

Editing Systems

Panasonic Broadcast and Television Systems Co. has announced Version 5.0 software enhancements for its **Postbox 2000** nonlinear editing system. Postbox 2000, a complete post-production editing suite, supports both on-line and off-line editing at multiple compression levels, and features realtime audio mixing, a fully integrated character generator with roll/crawl and a built-in paint program.

JVC has also expanded its nonlinear editing product line with the new **MW-S1200 TimeGate**. This product uses Windows NT 4.0 with a Pentium-III 450-700 MHz CPU. Compression in the MW-S1200 is motion-JPEG, and ranges from lossless to 30:1. It employs wide LVD SCSI interface and has 128 MB of memory.

Encoder

Evertz Microsystems Ltd. has introduced the **3410 multivert 10-channel composite encoder**, designed for applications where multiple SDI component signals need to be converted to composite analog. The multivert houses 10 converters in a 1RU frame, together with an optional redundant power supply. It provides a professional alternative to dongle-based converters, which usually separate brick-type power supplies. Three front panel LEDs are provided for each channel to identify NTSC, PAL, or no signal. Each channel has four rear panel BNC connectors, providing an SDI input, an SDI output, and two composite analog outputs.

Interface

Agilent Technologies Inc. has introduced an interface for its MPEGscope product family that allows developers of set-top boxes (STBs), digital VCRs, and digital televisions to test the implementation of MPEG-2 transport streams running over IEEE 1394. Supporting line rates of S100, S200, and S400, the **Agilent E6293A** provides the connectivity required to monitor transport streams in realtime and capture them to hard disk for off-line analysis. The interface also provides full support for partial streams, often used between STB and D-VCC, in off-line analysis, composing, and editing applications.

Monitor

Panasonic Broadcast & Television Systems Co. has announced the **PT371P gas plasma monitor**. The high-performance plasma monitor is 3.5 in. deep, 61 lbs, and mounts to any surface or can be supported by a floor stand. The 37-in. 16:9 monitor provides 852 x 480 expanded VGA resolution to deliver display quality with up to 16.77 million colors and 256 gray-scale definitions.

Patchjack

Trompeter has announced the new **J314W patchjack**, which allows full 1080i uncompressed signal processing for HDTV. Accepting 2.25 GHz as the maximum requirement for coax in-station wireline for HDTV on a terminated jack,

the enhanced J314WT achieves full uncompressed signal processing capability through 2.25 GHz at performance levels of -23 dB in normal thru condition and -15 dB in the patch-thru condition.

Processor

RGB Spectrum has introduced the **QuadView display processor**. This new product accepts up to four signals from a range of computer and video sources. Display options include four inputs in quadrants or full-screen display of any input. Switching between inputs is clean and instantaneous with no loss of sync.

ADC Telecommunication, Inc., 4900W 78th St., Minneapolis, MN 55435; tel: (612) 938-8080; fax: (612) 946-3292

Agilent Technologies, 5301 Stevens Creek Blvd., MS 54LAK, Santa Clara, CA 95052; tel: (800) 452-4844 ext. 7024; website: www.agilent.com

Angenieux Division, 40G Commerce Way, P.O. Box 540, Totowa, NJ 07511; tel: (973) 812-3858; fax: (973) 812-9050; e-mail: angenieux@tctus.com; website: www.angenieux.com

Evertz Microsystems Ltd., 3465 Mainway, Burlington, Ont., Canada L7M 1A9; tel: (905) 335-3700; fax: (905) 335-3573; e-mail: sales@evertz.com; website: www.evertz.com

Hitachi Denshi America, Ltd., 150 Crossways Park Dr., Woodbury, NY 11797; tel: (516) 921-7200; website: www.hdal.com

JVC Professional Products Co., 1700 Valley Rd., Wayne, NJ 07470; tel: (800) JVC-5825; website: www.jvc.com/pro

Leitch Technology Corp., 25 Dyas Rd., North York, Ont., Canada, M3B 1V7; tel: (800) 387-0233; fax: (416) 445-0595; e-mail: News@Leitch.com; website: www.Leitch.com

Miranda Technologies Inc., 2323 Halpern Rd., Ville St.-Laurent, Que., Canada, H4S 1S3; tel: (800) 224-7882; fax: (514) 333-9828; website: www.miranda.com

Panasonic Broadcast & Television Systems Co., 3330 Cahuenga Blvd., Los Angeles, CA 90068; tel: (800) 528-8601; website: www.panasonic.com

RGB Spectrum, 950 Marina Village Pkwy., Alameda, CA 94501; tel: (510) 814-7000; fax: (510) 814-7026; website: www.rgb.com

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

Trompeter Electronics, 31186 LaBaya Dr., Westlake Village, CA 91362; tel: (818) 707-2020; website: www.trompeter.com