

## Switchers and Routing Systems

Leitch Inc. has introduced the **VIA32 Series of routers**. The 32 x 32 and 32 x 16 VIA routers fulfill most requirements, including analog audio, analog video, AES/EBU digital audio or serial digital video routing. Multiple VIA32 models can also be combined to create sophisticated, multilevel systems. All composite (143 and 177 Mbit/sec), component (270 Mbit/sec) and widescreen 16:9 (360 Mbit/sec) serial standards also may be routed by the VIA32 Serial model. The VIA routers provide early detection of failure in any key modules, including the X-Y communications bus, power supply, or fan. Each router is equipped with standard LED error and operation monitoring indicators, an external contact closure input, and an optional redundant power supply module.

## Test and Measurement Equipment

ESE has introduced the **ES-126 and ES-127 master clock systems**. Both units feature a 12-digit ESE serial time code reader that displays six digits (hours, minutes, and seconds) of time and six digits (month, day, and year) of date. The ES-126 displays are .56 in. high yellow LEDs in a single rackmount enclosure; the ES-127 has 1 in. high LED displays in a 3 1/2-in. rackmount enclosure. Both units are designed to read ESE serial code (TC90) from ESE's master clocks.

Hewlett-Packard Co. has introduced the **HP 3270 Series of board test systems**. The HP

3272, 3273, and 3275 all feature HP TestJet technology; also standard is an HP 9000 Series 700 workstation with 66-MHz performance, HP in-circuit boundary-scan software, and shortwire fixturing software. The HP 3272 system includes six-wire-analog, in-circuit technology for accurate diagnostics of analog-device failures. The HP 3273 has powered in-circuit test performance, a six-megapattern vector rate, and a library of more than 8,000 devices for digital fault diagnostics. The HP 3275 has the same features as the HP 3272 plus a 12-megapattern or 20-megapattern vector rate, back-trace probe, and fault dictionary for digital functional fault detection.

Tektronix, Inc., has announced the **MTS100 MPEG test system**, a joint development with Matra Communication of France. The MTS100 is useful for applications in encoder/decoder compliance and stressing; multiplexer operation, repair and stressing; transmission system testing; manufacturing quality assurance; and MPEG system training. Using a Windows NT workstation as its platform, the MTS100 includes a data store system and five application programs. The MTS100 is fully configured and utilizes five 2-Gbyte SCSI hard drives with a custom I/O board capable of handling MPEG transport streams (MTS) at throughputs up to 45 Mbit/sec. This generator and analyzer combination includes such advanced features as a multiplexer, an analyzer, a data store control, a channel coder, and a table editor.

Tektronix has also announced the expansion of the Rohde & Schwarz FSE spectrum analyzer series to include the FSEB20, with a range of 9 kHz to 7 GHz, and the FSEB30, with a range of 20 Hz to 7 GHz. In addition, the FSE Series will now enable the spectrum analyzers to effectively become vector signal analyzers, combining laboratory-grade RF spectrum analysis with digital signal demodulation and analysis. Measurement results can be displayed in numerous ways, including in-phase and quadrature signal eye diagrams, as well as vector, constellation, and trellis diagrams.

## Video Storage

The **Ampex DDS digital data storage product line** has been introduced by Ampex Media Corp. The cartridges utilize an advanced metal particle tape formulation that ensures high output levels and extremely low error rates. Further, the DDS shells contribute to stable output performance via their stringent mechanical design specifications that ensure proper tracking and jam-free operation. Ampex DDS cartridges also incorporate the Media Recognition System, which is designed to prevent the accidental intermixing of incompatible media between Audio DAT and DDS formats. Available in 60-m and 90-m lengths, the Ampex DDS series offers the Ampex-patented DATpak storage system. Each polypropylene DATpak container holds two DDS cartridges for redundant storage or A/B copy backups.

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Jeffrey Friedman, Editor

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

**Abekas Video Systems, Inc.**, 101 Galveston Dr., Redwood City, CA 94063, (415) 369-5111; Fax: (415) 369-4777

**Ampex Media Corp.**, 401 Broadway, MS 22-02, Redwood City, CA 94063-3199, (415) 367-3889; Fax: (415) 367-4132

**Anthro Corp.**, 10450 S.W. Manhasset Dr., Tualatin, OR 97062, (503) 691-2556; Fax: (503) 691-2409

**Atlanta Signal Processors, Inc.**, 1375 Peachtree St. NE, Ste. 690, Atlanta, GA 30309-3115, (404) 892-7265; Fax: (404) 892-2512

**ESE**, 142 Sierra St., El Segundo, CA 90245, (310) 322-2136

**Hewlett-Packard Co.**, Direct Marketing Organization, P.O. Box 58059, MS51L-SI, Santa Clara, CA 95051-8059

**Leitch Inc.**, 920 Corporate Ln., Chesapeake, VA 23320, (804) 548-2300; Fax: (804) 548-4088

**Motion Pixels**, 7320 E. Butherus Dr., Ste. 100, Scottsdale, AZ 85260, (602) 951-3288; Fax: (602) 951-2683

**Switches Plus**, 192 Pepe's Farm Rd., Milford, CT 06460, (203) 876-2697; Fax: (203) 876-7285

**Tektronix, Inc.**, 14180 S.W. Karl Braun Drive, P.O. Box 500, Beaverton, OR 97077-0001, (800) 835-9433

**TV One Multimedia Solutions**, 1445 Jamike Dr. #8, Erlanger, KY 41018, (606) 282-7303; Fax: (606) 282-8225