

New Products

Decoder Board

Vela Research LP has announced a new PCI-based **MPEG-2 decoder board**. The CineView Pro LE provides MPEG-2 decoding directly to a PC VGA monitor, as well as NTSC or Pal video outputs. Key features include composite analog video output, balanced analog audio output, and genlock input. Occupying a half-length PCI board, CineView Pro LE includes on-board parsing for high bitrate MPEG-2 4:2:2 streams at system-dependent bitrates up to 50 Mb/s. It also decodes MPEG-1 system streams and supports both PAL and NTSC video playback.

Fibre Channel System

Rorke Data has introduced the new Galaxy Series of **Fibre Channel RAID solutions** for image-intensive applications such as digital video and audio, prepress, medical imaging, document management, and other large-scale, data-intensive environments. The Galaxy Series line includes three models: the Galaxy 50 is a fibre channel to fibre channel RAID solution and the Galaxy 5 is a fibre channel to SCSI (LVD) solution, while the Galaxy 100 is a SAN (storage area network) centralized storage solution with simultaneous fibre channel connectivity and uses up to eight servers. All three systems feature dual-redundant configurations that include active-active failover to assure RAID continues functioning even in the event of controller failure.

Keypanel Speaker Stations

Telex Communications, Inc., has introduced the **WKP-4 and BKP-4 keypanel speaker stations** for RTS ADAM, ADAM CS, and Zeus Digital Matrix Intercom systems. These versatile boxes provide full

access to the most commonly used keypanel features for users who generally communicate with four or less locations in the intercom system at any given time. The WKP-4 wall-mounting speaker station, with an optional wall mounting kit, and the BKP-4 desktop speaker station offer a flat frequency response of ± 1.5 dB from 100 Hz to 20 kHz at 8 dBu signal level. The A-weighted system signal-to-noise ratio is >70 dB with a THD+N spec of $<0.5\%$ unweighted. The Matrix input and output level is 8 dBu nominal with a maximum level of 20 dBu.

Network Management System

Tiernan Communications has introduced its new **TDMI network management system**. The TDMI provides features that enable configuration, control, monitoring, and status reporting, to meet the needs of digital television systems for contribution, distribution, and broadcast applications. The TDMI also provides features to support systems elements such as Conditional Access Systems, PSIP Injection, and I/P Message Encapsulation.

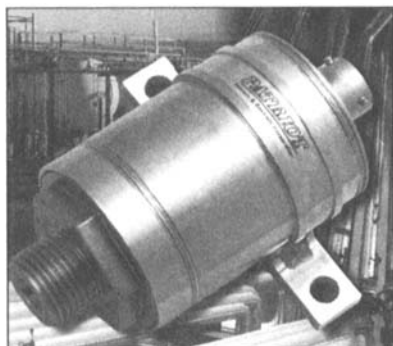
Plug Ins

Waves Ltd. has announced a collection of new PlugIns. The **TDM Bundle II**, a second volume of DSP PlugIns for Digidesign TDM digital audio recording and editing systems, contains the new equalizer and compressor from the Renaissance series of audiophile PlugIns; the DeEsser, and the MaxxBass; the PS22 stereomaker for creating stereo-from-mono; and the multitrack—a standalone processing application for realtime DSP processing of Waves PlugIns. The **Pro-Fx PlugIn** for Digidesign TDM digital audio player includes the Ultrapitch, a 6-voice format corrected pitch shifter; the SuperTap, a 6-voice multitap delay for effortless rhythmic repeats and doubling;

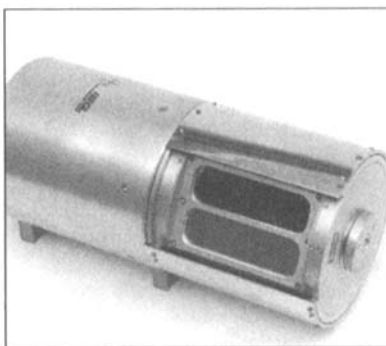
the MetaFlanger for vintage tape-flanging and phaser emulation; and MondoMod, a unique combination of AM, FM, and rotation modulations. The **Gold Native Bundle**, a complete collection of powerful PlugIns for native processing on both the Windows and Mac platforms, contains the Pro-Fx PlugIns plus the equalizer and compressor from the Renaissance series. It also includes the acclaimed L1-Ultramaximizer, Full C1 including: compressor; gate and side chain; Q10-Paragrophic EQ, S1-Stereo Imager; True-verb-virtual space/reverb; Trackpac lite; PAZ (psycho acoustic analyzer); the DeEsser; and MaxxBass and WaveConvert Pro. Waves has also announced the **Native Power Pack II**, a second volume of PlugIns for native processing. Each PlugIn use proprietary Waves algorithms calculated with 32-bit floating point precision. The Native Power Pack II also contains the Renaissance equalizer, which features 64-bit internal resolution dithered to 32-bit output.

Pressure Transducers

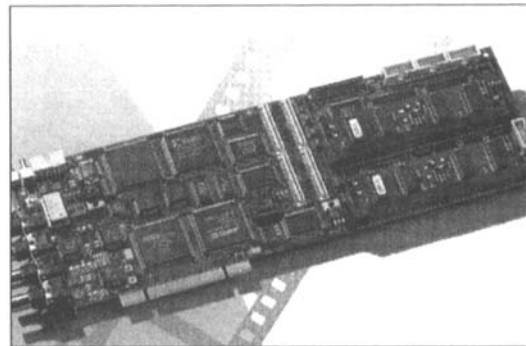
Patriot Sensors and Controls Corp. has announced the availability of the **SMS series pressure transducers**, which feature a seal welded cavity and housing manufactured from Inconel, making it ideally suited for corrosive applications. The microprocessor controlled SMS series can be re-adjusted or calibrated via notebook PC and Patriot Sensors' software. With high absolute accuracy of $\pm 1.5\%$ including temperature errors, the Patriot's SMS series handles electrical input voltage of 115 VAC, provides output signals of 0-5V, and is available in pressure ranges from 0-50 psig to 0-3500 psig. The SMS series is designed to withstand shock and vibration, providing the user with stability and durability in harsh environments such as oxygen service, chemical and petro-chemical processes, and industrial corrosive service.



Patriot's SMS Series pressure transducers.



LMS-Z210 3-D imaging scanner from Riegel Laser Measurement Systems.



ClipStationPro for Silicon Graphics 320 from DVS Digital Video, Inc.

SONY

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Job Code: SMP-LM-7704233

Job requires 5+ years' professional exp in the design, operation, testing and maintenance of large scale digital video and audio production and broadcast facilities. Job duties focus on the design of floor plans, equipment rack and patch bay elevations; and signal flow diagrams. Must be computer savvy, have in-depth knowledge of MS Windows and Excel, and have a strong electronics background. AutoCAD, LAN/WAN, ATSC, MPEG-2, AC-3 and video server experience a plus.

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Job Code: SMP-DO-7704233

Job duties focus on the management of resources to execute fully-integrated broadcast systems. Must complete projects on time and within budget using your 5+ years' exp in project management in broadcast/production systems.

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Video Server

Vela Broadcast has announced the release of version 2 of its **RapidAccess video server system**, which includes a new on-screen VGA media browsing feature. The new VGA media browsing capability of RapidAccess version 2, dubbed RapidBrowser, allows users to verify media and metadata, in addition to controlling record and storage functions on a single PC screen, eliminating the need for an external monitor. Rapid Access version 2 also features a redesigned graphical user interface, which allows users to display status and playlist information for four channels in a single window. Database fields have also been extended to allow users to provide more comprehensive information about the media being recorded and stored, enabling more powerful search capabilities.

Video Workstation

DVS Digital Video, Inc., has announced the release of the **ClipStationPro** for Silicon Graphics 320 (SGI 320). Clipstation Pro extends SGI's highend visual workstation by a video and audio disk recorder, which is capable of recording and playing uncompressed video sequences in studio quality. The

Clipstation Pro occupies one PCI slot within the SGI 320 and has serial digital video input and output with embedded audio. An additional PCI audio board for separate AES/EBU is also available. The disk array is connected via dual on-board SCSI controller. RS 422 master/slave interfaces as well as ProntoVideo and Accom emulation guarantee full functionality of a digital disk recorder.

3-D Imaging Scanner

Riegl Laser Measurement Systems has introduced a new **3-D imaging scanner, LMS-Z210**, which scans a beam along two axes over any field of view. Generating nearly 8000 measurements per sec, the result is a very densely populated point cloud of spatial measurements yielding an accurate 3-D representation of the scene. Applications of the Riegl 3-D Imaging Scanner range from 3-D imaging inside and outside of buildings to 3-D imaging of structures, landscapes, shipyards, electric power plants, vineyards, airport runways, crime scene surveys, and most types of industrial plants. Other uses include topographical mapping of quarries, mines, waste facilities, tunnels, and others, to dimensional measurements of vessels, furnaces, or tanks.

Uncompressed DDR

Drastic Technologies has announced the **VVW5000 uncompressed DDR**. The VVW5000 is designed for broadcast DTV acquisition or delivery, and high-end post-production applications including video hub, graphics and animation, and digitizing. The uncompressed 10-bit video recording and playback device is the highest quality DDR available in the Drastic VVW series. It offers unlimited record time and can communicate to workstations via a high-speed 1 Gbit fibre channel interface. The network option enables each system to fully access the group's media through the shared environments of a networked production plant, and the MediaReactor-Core converts graphics files to and from video clips for output or digitizing. The VVW5000 can also serve as a telecine transfer system via its capability of digitizing footage from a telecine transfer. High-quality uncompressed footage is maintained on the storage and made available for graphics, compositing, and effects work.

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