

New Products

Further information about these products can be obtained from the addresses given. As with technical papers, the Society is not responsible for manufacturers' statements, and publication of these items does not constitute endorsement of the products or services.

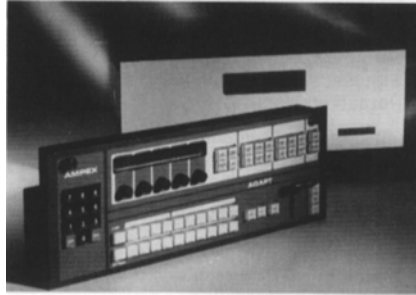


Panasonic Model AG-7650 source player

Several new products have been made available by Panasonic Communications & Systems Co., Two Panasonic Way, Secaucus, NJ 07094. **The Big 9 Multivideo Projection System** features nine 43-in. cube video projections with built-in automatic source switching controller and AV switcher. The system is capable of producing 1000 lines of horizontal resolution in RGB and 800 lines in video, and is expandable to 12 43-in. cube video projectors. Users can select separate images in each screen or one huge image using all screens. The system can be programmed to switch patterns every 3 to 5 sec for a dynamic, eye-catching visual. Applications for the product include shopping malls, convention centers, and sports arenas.

The DT-2700MS is a 27-in. diagonal color video/data monitor. It features a tint-faced flat screen to reduce glare. The monitor can easily be connected to most personal computers, including the Panasonic Business Partner, IBM PS/2™, and Apple Mac II. The product delivers outstanding picture performance with high resolution. Features include superimpose capability, external speaker output, and remote input selection for wired remote.

The BT-H1350Y is a 13-in. diagonal color video monitor with SMPTE Type C phosphor. It provides more than 600 lines of horizontal resolution with a 0.31-mm dot pitch. The product, housed in a durable rack-mountable metallic cabinet, offers four-system compatibility (PAL, SECAM, NTSC 3.58, and NTSC 4.43) and comprehensive functions for professional video applications, including B/W mode, underscan and pulse cross for system setup editing applications, external sync input/output, AFC selector, and bandpass filter select between COMB and TRAP.



Ampex ADAPT digital layering device

A composite digital layering device has been introduced by Ampex Corp., 401 Broadway, Redwood City, CA 94063-3199. The Ampex Digital/Analog Production Tool (ADAPT™) operates in conjunction with existing analog switchers. By connecting the ADAPT unit to a facility's existing switcher, a new hybrid switcher is created that can operate as an analog switcher and provide flawless mixing of any two D-2 sources without degradation. The unit accepts up to four composite digital sources and up to six analog sources and can layer any two such applications as a key over background or a mix between two backgrounds.

The company also launched a comprehensive line of accessory products for users of its audio and videotape. The line, which incorporates both existing and new products, is detailed in an accessories catalog. The product line includes open reels, reference tapes, storage systems, open-reel components, labeling systems, and protective packaging.

The Series 1200 fiber/coax product line now includes low-cost serial digital distribution, it was announced by Dynair Electronics, Inc., 5275 Market St., San Diego, CA 92114. The modular system is capable of transmitting component D-1 signals up to 1300 ft, composite NTSC up to 2600 ft, and PAL up to 2000 ft. The serial digital fiber modules plug into existing Series 1200 frames, enabling the same module frames and fibers to be used for baseband video today; then they can be upgraded as needed for serial digital by simply changing a module.

The company also introduced the first router control to include multistandard vertical interval switching, source restrictions, and multiple PC control, each with simultaneous salvo. **The Dynasty MP-9200 Controller** allows vertical interval switching for mixed formats: PAL, NTSC, SECAM, as well as proposed HDTV and ATV signals and high-resolution graphic signals. Each section, or

level, is provided its own sync input so that each section switches in its own vertical. Connection of control panels by bus or home run is possible in either coax (up to 600 m), RS-422 (up to 1.2 km), or fiber (up to 1 km). The same control panel can be used for X-Y, multibus, or single-bus control and has destination locking, source restrictions, and memory functions.

A line of projectors and retros was unveiled by AmPro Corp., 1301 Armstrong Dr., Titusville, FL 32780-7999. **The Espirit 400 Series** comprises three models providing up to 1600×1600 lines of RGB resolution, 650 lines of video resolution, and light output of 1200 lm. **Espirit Retros** include four models of projection systems in one-piece furniture-quality consoles with stereo speakers. Designed for video, data, and graphics applications, the products feature 1500 fL of light output, autolock to 80 kHz, video resolution to 650 lines, and RGB resolution to 1280 lines. **The Video-Beam 1000D/G**, designed for both data and graphics applications, has autolock to 72 kHz and up to 550 lm of peak light output. Employing the Schmidt optics fixed focus system, the product features long-life projection tubes that provide RGB resolution to 1024 lines and video resolution to 550 lines.

The Magni Monitor, unveiled by Magni Systems, 9500 SW Gemini Dr., Beaverton, OR 97005, addresses several of the key drawbacks of traditional waveform and vector monitors. Such displays can create operational problems related to heat and ventilation, and they limit the user in the space they require and the difficulty of customizing displays for different environments.

Operating from a base unit of only 1.75 in. in height, under remote control, the Magni Monitor offers the user two different display options: its raster-scan output can be fed directly to any standard picture monitor or to an optional display unit. The display units are based on an LCD screen and are sized — at half-rack width with the associated remote control and only 2-in. depth — to provide monitoring capabilities in locations where signal monitoring was previously impossible, such as overcrowded mobile units and production panels. The unit also provides the capability to customize displays for those varying conditions with user-selectable colors and intensity levels for both the waveform and graticule displays.