

ALPHA IMAGE

DIGITAL ROUTING & DISTRIBUTION

The Alpha-100 Digital Distribution Amplifiers and Alpha-200 Series Digital Routing Switcher provide interconnection and source selection in the Digital Suite.

DIGITAL VIDEO CODECS

The Alpha 300 Series Digital Video Codec provides interfacing to the existing analog environment. We provided a range of Digital to Analog and Analog to Digital Codecs. Both 8 bit and 10 bit Codecs ensure the best quality with maximum flexibility for all future needs.

DIGITAL SERIALISERS & DESERIALISERS

These overcome the problems of long runs and the installation of expensive digital parallel cable. In most cases existing cabling can be used, reducing the cost of upgrade still further.

DIGITAL FRAME BUFFER

The Alpha-400 solves system timing problems and provides compensation for frame delays that are so often found in the digital suite. It is also a great frame grabber.

*Solutions
for the
digital
video
systems
designer*

Alpha Image is an expanding company with an international reputation for the design and manufacture of digital video equipment of the highest quality. From our head office in Stamford, Connecticut we serve some of the world's top television and video facility companies.

As digital television equipment has developed, so digital islands have emerged in an analog environment. Alpha Image simply links these islands with well engineered, systems orientated products (to D1 and D2 standards). Alpha Image provide building blocks for the digital television age.

Our experience enables us to supply excellent products with proven reliability and we take pride in our quality of service.

 alpha image

ALPHA IMAGE INC., SIX LANDMARK SQUARE, FOURTH FLOOR, STAMFORD, CT 06901-2792
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See us at SMPTE booth #1402

New Products

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



JVC video camera

A color video camera has been introduced by JVC Professional Products Co., 41 Slater Dr., Elmwood Park, NJ 07407. The KY-25U is a three-color CCD camera with 700 lines of horizontal resolution and a 60-dB signal-to-noise ratio. It uses three high-density, 2/3-in. CCDs with 380,000 pixels to produce picture-quality-suitable for such high-resolution video formats as S-VHS and MII. The camera docks directly with the manufacturer's BR-S410U recorder and with MII and Betacam recorders through an optional adapter. The electronic shutter operates at 1/250, 1/500, and 1/1000 sec.

Optional camera accessories include zoom lenses from 12:1 to 16:1, a remote-control unit, 4-in. viewfinder, power adapters, MII and Betacam adapters, and power sources.



Cinema Products video viewfinder

A video viewfinder system for Arriflex cameras has been introduced by Cinema Products Corp., 3211 South La Cienega Blvd., Los Angeles, CA 90016-3112. The system can be used with 16mm and 35mm

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cameras, and plugs directly into the manufacturer's Steadicam Model III and IIIA cameras. It consists of a CCD video camera module and a relay optics package. The relay optics package has a standard "C" mount and is compatible with many popular video assist units.



United Media videotape editor

The UMI 400 videotape editing controller is now available from United Media, 4771 E. Hunter, Anaheim, CA 92807. The expandable A/B roll controller is suited for electronic news gathering applications because audio and video dissolves are done simultaneously but independently. When it is used for off-line editing, the operator can view his effects and generate an edit-decision list on disk that can be used with an on-line editor.

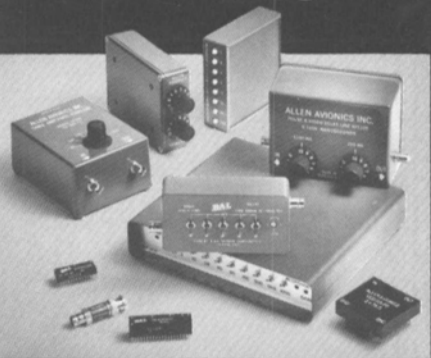


Magni Signal Creator

A test signal generator, called the Signal Creator™, has been introduced by Magni Systems, Inc., 9500 SW Gemini Dr., Beaverton, OR 97005. It offers a choice of either a dedicated or programmable generator in a single-rack instrument. Signals are stored on a wallet-sized memory card from which they are downloaded to the generator in seconds. One memory card can accommodate 100 signals, depending on their complexity. The Signal Creator can be configured for any combination of NTSC, PAL, 525 and 625-line component analog video. Additional features include black burst/pulse output with separate timing, tape leader countdown, and both analog and digital audio tones.

Also new from Magni Systems is a video graphics encoder. The 4031 Genlockable video graphics encoder makes broadcast output available to the IBM-PC graphics user. Designed to be used with the Methues 1128 ultra graphics accelerator, it

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provides a video output that meets all the requirements of a PAL standard video signal. No interconnection with an external reference is needed. An external control box accomplishes a variety of special effects, including video-to-graphics and graphics-to-video fades, luminance keying, and color zero keying.

Two new time code readers have been introduced by Denecke, Inc., 5417 Cahuenga Blvd., No. B, North Hollywood, CA 91601. The TC-Maxi and TC-Mix studio readers have a variable intensity, 4-in. LED readout to display longitudinal time code from 1/20 to 50X speed in forward and reverse. The TC-Maxi reads hours, minutes, seconds, and frames; the TC-Mix reads minutes and seconds only. Both have remote control with TC input.

A line of lights and lighting control systems has been introduced by Strand Lighting, 18111 S. Santa Fe Ave., Rancho Dominguez, CA 90221. The Cantata family of 1000-W, 120-V variable focus spotlights offer a choice of three zoom lens tubes for coverage from 11° to 44°. Lens tubes can be easily exchanged in the bayonet mount. A removable lamp holder allows for lamp changes without affecting field adjustments. The shutter and pattern-holder mounting rotate 360°.

Also new from Strand is an automated lighting system. The Precision Automated Lighting System (PALS) remotely positions luminaires consistently to within 1 part in 1000 and also remotely controls focus, iris, color, and switching of dual power studio lamps. Precision in movement is accomplished with DC servo motors, a reduction gear box, and an on-board microprocessor. The PALS system is composed of luminaires in automated yokes, a data and power distribution system, and a dedicated control system. Two control options are available. Option one is an IBM PS/2 model 30-based system with a dedicated keyboard and custom add-on controller board. Option two is a full capability Galaxy 3 console with special motion-control panel. These options allow the system to be operated as an independent part of an installation or integrated into the total lighting system.

A lighting control console is available from Strand. The Light Palette 90 is a desktop console with fully redundant electronics, which are supported by an electronics tower providing full tracking back-up. The console can control up to 4000 dimmers on 4000 channels. It has 48 overlapping submaster fader pots or 24 submaster wheels and can store 600 average-sized cues. Up to 999 effects are available with separate step, fade-in, dwell, and fade-out timing. Multiple consoles and handheld remotes can be supported by one electronics tower with independently operating command lines.