

# 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.*

**A 6-tube multimedia projection system** was unveiled by Toshiba Corp., 1010 Johnson Dr., Buffalo Grove, IL 60089-6900. The P 6600S offers twice the brightness of 3-tube projectors, thus projecting sharp images even in high ambient lighting and offering lower maintenance costs than light valve technology. Using six Toshiba 7-in. CRTs — each with magnetic focus — the product projects high-resolution, razor-sharp images with minimal hue variation. Remote-controlled convergence makes it easy to adjust the projectors, resulting in a clear picture with proper, life-like color. The unit has greater than 1000-line resolution and can project diagonal screen sizes from 70 to 250 in., using either front or rear projection.



*Sharp Corp. multimedia-compatible 16.5-in. color TFT LCD*

**A widevision, multimedia-compatible color TFT liquid crystal display (LCD)** was introduced by Sharp Corp., Corporate Communications, Sharp Plaza, Mahwah, NJ 07430-2135. The 16.5-in. display, which is also compatible with VGA computer software, offers crisp, clear imaging on a high-density, high-resolution screen incorporating 1,228,000 pixels. Color reproduction goes across a range of 16.7 million tones. Said to be the first in the world to offer multimedia capability, the product can reproduce not only clear, color computerized graphics, but animation and natural colors of AV images. Features include a high-speed digital driver, high-speed digital processing technology for video images and computer signals, thin-film construction technology for even reproduction over a large area, and lower-resistance source and gate-bus lines.

**VideoDesktop™**, a software environment and tool set for animation developers using Silicon Graphics workstations, has been announced by Tektronix, Inc., Howard Vollum Industrial Park, P.O. Box 500, Beaverton, OR 97077-0001. The product simplifies many of the repetitive tasks an animator performs while developing an animation and recording session. The ChromaMetrix™ software complements standard video-signal test equipment by analyzing computer-based RGB images for color saturation, frequency, and amplitude prior to recording an image. The time code calculator simplifies recording by performing mathematical operations on time codes and frame numbers. Both tools are available in NTSC and PAL formats. Image and sequence features let animators view images and define image sequences for subsequent processing or recording. The software also features an interactive graphical user interface (GUI) designed expressly for animation and video professionals.

**A digital color correction system** has been unveiled by da Vinci Systems, 5410 NW 33rd Ave., Suite 100, Fort Lauderdale, FL 33309. Renaissance 8:8:8 will accommodate input and output to any CCIR-601 equipment. Internal processing is accomplished via a 16-bit, 27-MHz video path ensuring pristine digital quality while maintaining the integrity of analog resolution. Video processing is accomplished by eight digital processors.

**High-performance parallel interfaces (HIPPI)** are available from Recognition Concepts, 341 Ski Way, P.O. Box 8510, Incline Village, NV 89450. The products, which are designed for the company's HDTV VideoDisk device, are available in two variations: the 32-bit interface transfers at a sustained rate of 75 Mbytes/sec and the 64-bit version transfers at a sustained rate of 150 Mbytes/sec. The company's VideoDisk records and replays 6 to 46.8 min of HDTV data and is based on a field-proven RAID design that is scalable in both bandwidth and capacity. The minimum configuration, designated VideoDisk 320, is an 8-bit monochrome version with a sustained bandwidth of 75 Mbytes/sec. The 16-bit,  $Y, P_r, P_b$  color component VideoDisk 640 is SMPTE 240M compliant and has a sustained bandwidth of 150 Mbytes/sec.

**Broadcast operations that have the NewStar II automation system** now have access to superior on-air graphics as a result of a new interface between the NewStar II

and the Delta free-form text and image generator, it was announced by Quanta Corp., 180 Wright Brothers Dr., #670, Salt Lake City, UT 84116. The Delta is manufactured by Quanta, while the NewStar II comes from Dynatech NewStar. Both companies are members of the Dynatech Video Group. The link between the two systems includes both software and a dedicated machine control unit. With the new link, text that exists in the NewStar II system can be broadcast automatically with no need to retape it.

**Routing switcher control communication line distributors** for coax and fiber-optic cables are available from Dynair Electronics, Inc., 5275 Market St., San Diego, CA 92114. The PCA-941A provides one coax input to one fiber output, and can be enlarged to 1×8. The PCA-940A enables 1×20 signal distribution on coax inputs and outputs. The communication line distributors extend both the reach and utility of the router's existing control line and greatly simplify cable installation for large systems. The products allow star networks and home-run applications, and eliminate the "daisy-chain" approach to linking numerous control panels throughout a facility. The products are especially suited for large broadcast operations, production houses, and similar installations, but are also functional in small facilities.

The company also announced the addition of **two high-performance stereo channels to the Series 400 line** of fiber-optic video transmission links. The products provide excellent performance when used for fiber runs up to 15 km. Applications include studio-to-transmitter link, teleconferencing, studio up and downlinks, field production, building-to-building runs, and remote vehicle use. The fiber links are available in two package types, which can be used together as a system: Series 400, small standalone fiber links can be shelf or wall mounted; and Series 1200, a rack mount, fiber/coax modular system, which enables integration of the two cable types.

**A 2-GHz portable ENG transmitter** has been unveiled by Nucomm, Inc., 101 Bilby Rd., Bldg. 2, Hackettstown, NJ 07840. The 2OPT3 Series offers 21 fully synthesized RF channels (7 main channels with two offset); 2 synthesized, field programmable audio subcarriers (line or mic level with AGC); and 2-W minimum output power. The product is small in size, lightweight, has low power consumption, and can be configured to serve any portable environment from tripods and backpacks to heli-

**Nikon ENG/EFP lenses.  
All you need to look good.**

When you're on location with a CCD camera reaching for the best shot possible, you need ENG/EFP lenses that are compact, lightweight, and easy to maneuver. Lenses with the flexibility to adapt to any situation. Lenses with all the star qualities found only in a Nikon.

Our ENG/EFP precision lenses are created from the same superior glass and coating technology that have made Nikon the world renowned name in optics. Which means they're made with Nikon's exclusive Extra-Low Dispersion (ED) glass. And treated with special anti-reflection coatings to minimize ghosts and flare. Plus, their strong magnesium housing makes them extremely durable. So no matter how tough the assignment, Nikon ENG/EFP lenses are even tougher.

Our full line of outstanding ENG/EFP lenses includes the Nikon S9x5.5 wide angle lens — perfect for tight, close-up shots. The Nikon S19x8, with its unsurpassed focal length and range. The all-purpose Nikon S15x8.5. And the economical Nikon S13x9.

Want to create special effects with your CCD camera? We have two ENG/EFP converters that will allow you to use your whole bag of Nikkor 35mm SLR lenses. One lets you use wide angle lenses down to an effective focal length of 2 mm. The other lets you use long focal lenses out to 1200 mm.

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happen to your Nikon lens, a simple call to our Nikon Express Loaner Service hotline will get you a loaner lens overnight. So you don't ever have to worry about a crew being out of action until you can get a lens repaired.

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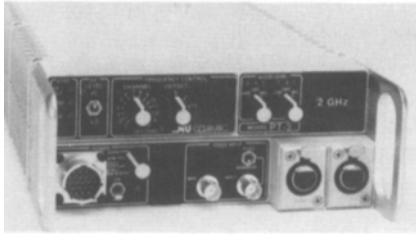
ENG/EFP lenses can make you look good, call 800-52-NIKON or (516) 547-4355 for our complete brochure. Or write: Nikon Electronic Imaging, Dept.D1, 101 Cleveland Avenue, Bayshore, NY 11706.

# SHOOTING STARS.



# Nikon ELECTRONIC IMAGING

r e c r e a t i v i t y



Nucomm portable ENG transmitter

copters and ENG trucks. Product features include PAL and NTSC compatibility, quick-connect antenna mount, switch-selectable 6-dB output power reduction, video output monitor, and auxiliary battery input connector. The transmitters are extremely rugged and sealed in die-cast aluminum closures against weather and abuse.

A line of LCD-video projection lenses was announced by Optical Radiation Corp. (ORC), 1300 Optical Dr., Azusa, CA 91702. The products, which were created by ORC and ISCO-Optic, are high-quality lenses that offer many benefits, such as the ability to project in large rooms and halls while placing a projector behind the audience. In addition, the user will be able to achieve a coincidence of images, when using several projectors, without any convergence problems.

An improved D-2 mastering digital videotape was introduced by Ampex Recording Media Corp., 401 Broadway, M.S. 3A-01, Redwood City, CA 94063-3199. Ampex 329 incorporates tape performance enhancements, including improved bit error rate and dropout performance. The product also has unique features in its shell and cassette mechanisms; the shell-mounted spool hub bearing mount provides increased stability during spool rotation, protecting the tape against possible damage, especially during multiple shuttle, fast forward, and rewind. A polycarbonated plastic spool offers improved deflection under load along with strong welds, which gives added protection against spool or flange breakage, particularly during shipping.

The company also announced an enhanced D-1 digital mastering videotape. Ampex 229 incorporates a new formulation and improvements in the cassette manufacturing and tape loading processes, resulting in significant performance improvements. These include better RF output, lower bit error rate, and advanced frontcoat frictional properties for smoother and more consistent running tape. The cassette mechanism offers improved protection against edge damage and better pack quality in high-speed shuttle use and applications.



RTI high-speed VHS videotape cleaner/conditioner/rewinder

**TapeChek XCL**, a high-speed VHS videotape cleaner/conditioner/rewinder, was unveiled by Research Technology International, 4700 Chace, Lincolnwood, IL 60646. The product cleans and conditions, using specially formulated motor-driven cleaning tissues to gently remove loose oxide, dirt, and other debris from the tape surface. A precision sapphire polishing system conditions the tape for improved performance. The unit will clean, condition, and rewind a T-120 tape in as little as two minutes. The unit is designed for all-day, day-after-day continuous duty operation. The cleaning/conditioning process is a safe, proven principle, using no toxic chemicals.

### Memo to Members:

## Have You Signed Up A New Member Lately?



As one who has chosen to belong to SMPTE, you are aware of the benefits of SMPTE membership. Among these benefits are the prestige of being associated with the world's premier professional organization in the fields of motion pictures and television, the monthly *SMPTE Journal*, the local section meetings, and the annual conferences and equipment exhibits. If you know someone who meets SMPTE's requirements, you can offer to sponsor him or her for membership. This is the best way to help strengthen the Society and point someone toward increased professional growth. Applications are available from SMPTE Membership Dept., 595 W. Hartsdale Ave., White Plains, NY 10607.

# Classified

## Employment Service

*These notices are published for the service of the membership and the field. They are inserted for three months, at no charge to the member. The Society's address cannot be used for replies.*

### Positions Available

**Digital Design Engineer.** Leading television video processing company seeks MSEE with at least two years actual digital video design experience and five years of PAL/NTSC circuit design or equivalent. Competitive salary and benefits. Send resume with references and salary requirement to Yves Faroudja, Faroudja Laboratories, 675 Palomar Ave., Sunnyvale, CA 94086. Call (408) 735-1492. Fax: (408) 735-8571.

**RF Engineer/Technician.** Leading renter of wireless communications systems to the entertainment industry, seeking experienced RF engineers/technicians. Minimum of 1-year experience in the repair of late-model Motorola 2-way portables and/or wireless mics and intercom systems. Non-smokers preferred, salary commensurate with experience. Send resume to CP Communications, 4 Executive Plaza, Yonkers, NY 10701. Fax: (914) 423-6689.

### Positions Wanted

**Cameraman/Director.** Film and video. 30 years experience in news, documentaries, sports, research, and development. Willing to relocate to

Southwest U.S. or Europe. Available for full-time staff position or contract assignment. Contact R. M. Koniar, P.O. Box 1284, Guasti, CA 92743. (714) 944-7810.

**Chief Engineer.** With dual EE/Business education and five years experience seeks radio/TV position in Northeast area market. Good people skills; very fast learner. Call D. Sparano, (518) 355-9612.

**Lighting Director/Cameraman.** Fifteen years of video production experience in both broadcast and nonbroadcast. Skilled lighting director, cameraman, tape operator, master control, also producing and directing. Seeks position with broadcast station in Dallas/Ft. Worth market. Contact C. P. Neal, 4105 Periwinkle Dr., Ft. Worth TX 76137. (817) 847-0238.

**Maintenance Engineer.** Tech school graduate seeking employment in southern California market. Broad experience in the commercial electronics field, VCRs, 1/2-in., 3/4-in., S-VHS, as well as cameras, camcorders, cables, switchers, and audio. Can adjust, align, or repair to component level. Experienced on bench and in studio. Contact T. G. Broom, 2024 Dawson Ave., Signal Hill, CA 90806. Voice/fax: (310) 597-5850.

### Journals Available/Wanted

**Available.** SMPTE Journals 1972-1983 (1978-1983 in binders). Contact Douglas Worling, 74 Wellington St. East, Aurora, Ont., Canada L4G 1H8. (416) 727-3216.