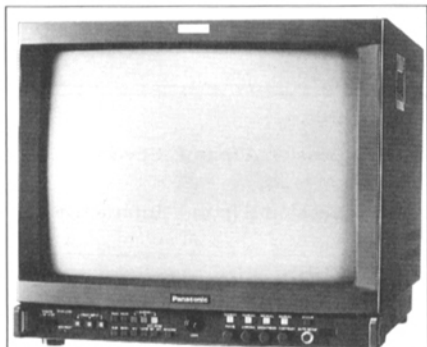


# New Products



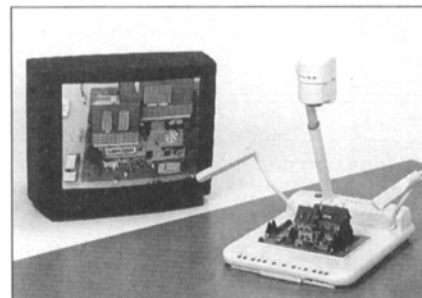
Panasonic all-digital broadcast monitor

The industry's first all-digital broadcast monitor is now available from Panasonic Broadcast & Television Systems Co., One Panasonic Way, Secaucus, NJ 07094, (201) 392-4319, (212) 255-7700. The AT-H1905D 19-in. color monitor features complete digital signal processing for both composite analog and digital signals to maintain high-quality images. It offers digital luminance/chrominance separation to reduce dot crawl on edge transitions. Serial

composite and component and parallel composite and component direct digital interfaces are all available. A new CRT with an impregnated cathode provides high brightness and long life. The AT-H1905D's 0.28mm CRT dot pitch enables the monitor to deliver more than 900 TV lines of horizontal resolution. Other options include PAL decoder and an auto set-up kit to adjust color temperature automatically.

Circle No. 201

The EV-500AF Visual Presenter is the fifth model to be introduced by Elmo Mfg. Corp., 70 New Hyde Park Rd., New Hyde Park, NY 11040. Printed materials, charts, X-rays, negatives, transparencies, and 3-D objects can be displayed onto any size video monitor or front projection system. Features include auto focus, a 10 x 1 powered zoom lens, RGB, S-VHS, composite video outputs, S-VHS inputs, stereo audio inputs, auto iris, auto white balance, and a negative/positive conversion switch. There is also a remote controllable interface with



Elmo EV-500AF visual presenter

top mounted lights for the display of transparency film, slides and negatives. All touch controls are located in the front of the unit for easier operation.

Circle No. 202

ix-11000, the industry's first fully digital mixing system designed expressly for broadcast, post-production, and recording applications, is now available from TOA Electronics, Inc., 601 Gateway Blvd., Ste. 300, S. San Francisco, CA 94080, (415)

# NOW DIGITAL!

ST 701V

PRODUCTION: *F.E.D. Audio-Solution 4 Track*

USED : 00:10:59:11  
 REMAIN: 01:05:52:16  
 WORDLOCK: 332000

**STEENBECK** 00:00:10:00

AUDIO VAXE 0001 PSE-CAT5 10100

0.70

800.00

00



Tel. (818) 998-4033

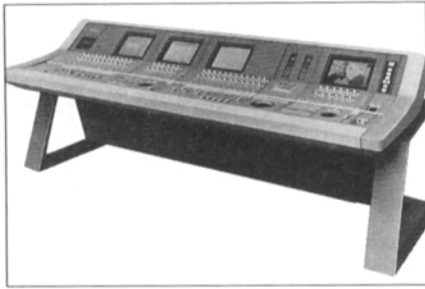
SEE IT AND TOUCH IT AT  
**NAB '94 BOOTH 18814/914**

LAS VEGAS, MARCH 21 - 24



Fax (818) 998-6992





TOA Electronics digital mixing system

588-2538; Fax: (415) 588-3349. The compact console and free-standing processing rack contains 256 inputs and outputs for patching both analog and digital signals entirely within the digital domain. Four bands of parametric equalization, high- and low-pass filters, delays, and dynamics are offered on each input and output. Users can access any function instantly with the use of color touch sensitive LCD screens and motorized faders, and console setups can be preset off-line and recalled later with the use of an IBM-compatible PC.

**Circle No. 203**

A prototype of an ultracompact, super-lightweight HDTV LCD projector has been developed by the Sharp Corp., (800)

223-2121. In a newly created polysilicon TFT LCD panel, the amorphous (noncrystalline) silicon transistors have been replaced with polycrystalline silicon transistors, resulting in a 2-in. panel with over 1.31 million pixels. When compared to Sharp's earlier models, the pixel count of the new projector is boosted while occupying one-fifth the space.

**Circle No. 204**

The **IK-M14A camera** is now available from the Toshiba America C.P., Inc., Information & Imaging Technologies Group, 1010 Johnson Dr., Buffalo Grove, IL 60089-6900, (1-800) 253-5429 ext. 397. The new microminiature camera, measuring 38.9 mm in length and 17 mm in diameter, is designed to capture high-resolution video images and send them back from otherwise inaccessible locations. The user can select either electronic shutter or full auto-shutter, controlled by the Toshiba ASIC, for clear images of fast moving objects in all environments without using a strobe. An automatic tracking white balance quickly and accurately adjusts to any lighting condition for distinct image detail and clarity.

**Circle No. 205**



Sony Electronics digital audio mixer

The **DMX-E2000** has been made available by Sony Electronics, One Sony Drive, Park Ridge, NJ 07656, (800) 635-SONY. This one-piece digital audio mixer has 10 stereo inputs, 2-mix buses and 2-channel preview monitoring and conforms to the AES/EBU digital format. Additional 4-channel auxiliary inputs allow connection with other digital audio equipment such as DAT recorders and CD players. Equipped with both serial and parallel remote-control interface connectors, it supports Sony's line of digital Betacam products.

**Circle No. 206**

The **TPG20 Test Pattern Generator** has been introduced by Tektronix, 26600 S.W. Pkwy., P.O. Box 1000, Wilsonville, OR 97070, (800) 835-9433. The multiformat

## J24WHF Series Serial/Digital Patch Jacks

PREMIUM Normal-through video patch jacks that meet present and future broadcast standards!

Trompeter's J24WHF series 75Ω patch jacks provide an extended band width up to 360Mbits (720 MHz) with a typical return loss of ≥ 40dB through 720MHz. They meet and exceed present and proposed analog and digital standards.

J24WHF and J24WTHF-75 (self-terminating)



The J24WHF Series also offers:

- Greater reliability.
- 2.5 lbs. minimal withdrawal force to eliminate accidental removal.
- Long life, low contact resistance, consistent contact force.
- Superior dielectric and electrical contact properties.
- 100% compatibility with existing patch plugs, looping plugs and support equipment.

Trompeter's premium quality patching products and connectors are your best investment for ultra-high quality, reliable broadcast component performance.

Quality doesn't cost...  
It pays.

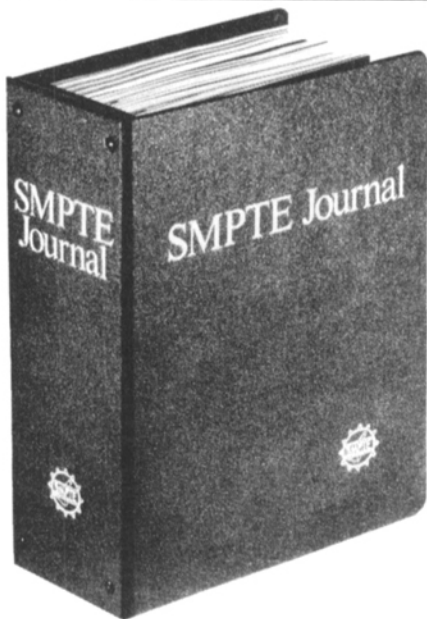
**TROMPETER**  
ELECTRONICS, INC.

31186 La Baya Drive • Westlake Village CA 91362  
(818) 707-2020 • Fax (818) 706-1040

Contact your local representative or call us toll free - (800) 982-2629 for sales, service or technical support.

See us at NAB-Las Vegas Booths 12801-02

Circle No. 108 - Send Literature. Circle No. 109 - Call me.



## SMPTE JOURNAL BINDERS

To keep your Journals easily accessible and in good order. This sturdy, handsomely imprinted rod-binder holds a year's issues (12) plus Directory. Each issue can be easily bound or detached!

Order these durable, high quality binders from SMPTE  
Postage and Handling included: USA-\$21.00 each; Mexico and  
Canada-\$24.00 each; Overseas-\$39.00 each.

**SOCIETY OF MOTION PICTURE  
AND TELEVISION ENGINEERS**

595 W. Hartsdale Ave., White Plains, N.Y. 10607 (914) 761-1100



*Tektronix WVR500 waveform vector monitor*

test signal, pattern, and picture generator supports virtually all non-HDTV analog and digital component and composite video formats. The TPG20 is able to generate complex frame-length patterns and reference pictures with movement on selected areas, while its analog, parallel, and serial digital outputs eliminate the need for external format conversion devices.

**The WVR500 Waveform/Vector Rasterizer** is the industry's first rasterizing instrument with display quality rivaling that of a CRT. Live picture video passes through the WVR500 unprocessed and free of artifacts, while graticules are generated electronically for maximum clarity. This technology creates a high degree of picture detail to retain the fidelity of both live video and video test signals.

**Circle No. 207**

**A new logo generator/inserter** has been developed by Leitch Video Intl., Inc., 220 Duncan Mill Rd., Ste. 301, North York, Ont., Canada M3B 3J5, (800) 387-0233; Fax: (416) 445-0595. The LGI-1302N is an inexpensive IRU device that features a production-quality linear keyer to ensure a clean, transparent representation. Digital storage of all four fields and the associated key signal in non-volatile EPROM memory ensures image quality. Key in and out transition rates are independently adjustable, and a simple contact closure input provides remote key control.

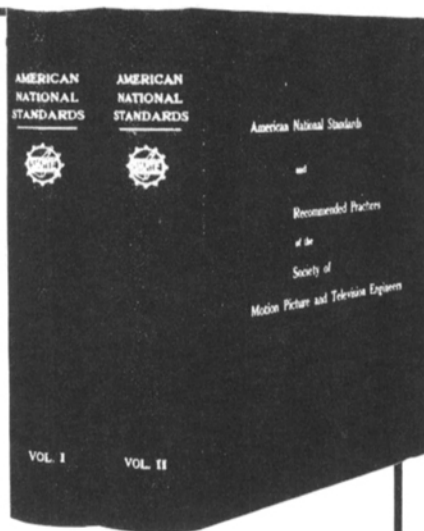
**Circle No. 208**

**An environmentally safe nonimmersion motion-picture film cleaning machine** has been introduced by Research Technology Intl., 4700 Chase, Lincolnwood, IL 60646, (800) 323-7520; Fax: (800) 784-6733. The Excel 700 removes dirt, dust, and other debris from the film surface by four particle transfer rollers. The film is then wet cleaned by two soft nap rotary buffers treated with a liquid cleaning agent and polished. A warm-air drying chamber ensures that the film is completely dry before being spooled. Films can be cleaned at speeds of up to 200 ft/min. The compact unit needs less than 8 sq. ft. of floor space.

**Circle No. 209**

## Binders for SMPTE-sponsored American National Standards and SMPTE Recommended Practices

for convenience in assembling  
and storing your file of Standards  
and Recommended Practices.



Order these high-quality, durable leatherette ring binders, from SMPTE Headquarters. Available in 1 1/2-inch size only.  
Postage and Handling included: USA-\$19.00 each; Mexico and Canada-\$22.00 each; Overseas-\$36.00 each.



**Society of Motion Picture  
and Television Engineers**

595 West Hartsdale Ave., White Plains, N.Y. 10607