

# SMPTE to Participate in International Broadcasting Convention

## Amsterdam, July 3-7, 1992

The SMPTE will play a vital role in the upcoming International Broadcasting Convention (IBC), to be held July 3-7, 1992, at the RAI International Congress Centre, Amsterdam, The Netherlands. The Society is a sponsor of the event, along with the Institution of Electrical Engineers, the Institute of Electrical and Electronic Engineers, the Royal Television Society, and the International Association of Broadcasting Manufacturers.

Throughout the five-day event, SMPTE President Blaine Baker, Executive Director Lynette Robinson, and International Governor John Barry will be among the representatives available to answer questions about SMPTE membership and services, provide information on SMPTE standards, offer details on the Society's annual conferences, and distribute literature on SMPTE books and publications. Anyone interested in discussing any aspect of the Society is welcome to visit these representatives at Booth P2.

In addition, the Society will hold a reception, sponsored by Sony Corp., for all SMPTE members attending IBC. The function will be held at La Ronde Restaurant, located in the convention center, on Friday, July 3, from 6:15 to 8:00 p.m. Tickets will be available at the SMPTE booth.

The IBC will feature a strong technical program, a series of workshops, the presentation of awards, and an impressive equipment exhibit featuring major suppliers of broadcast equipment and services.

A large number of SMPTE Sustaining Members — companies who support the Society — will show the latest additions to their product lines during IBC. A partial directory of these participants appears below.

### Directory of SMPTE Sustaining Members Exhibiting at IBC

*Only those companies providing the SMPTE with information are included in this directory.*

**Abekas Video Systems Ltd.** .....H81  
12 Portman Road  
Reading, Berkshire RG3 1EA, U.K.  
0734-585421 FAX: 0734-597267  
Contact: Willie Scullion,  
Managing Director  
Leading digital products featured at IBC

will include post-production switchers, character generators, disk recorders, special effects systems, integrated production systems, and a range of system products to meet a variety of video interfacing requirements.

**Ampex Corp.** .....R16  
401 Broadway  
Redwood City, CA 94063-3199  
(415) 367-2011 FAX: (415) 367-2761  
Contact: Karen Schweikher, Manager,  
Corporate Communications

Ampex will introduce its much anticipated DCT™ system; the industry's first practical CCIR-601 digital component production system available from one manufacturer. Providing the highest quality multigeneration and digital layering capabilities for post-production applications, the system consists of a new format 19mm digital component tape drive (DCT 700d), companion tape cartridges (DCT 700t Series), post-production switcher (DCT 700s), edit controller (DCT 700e), digital effects system (DCT 500a), and interconnect products.

**Anton Bauer** .....H17  
One Controls Drive  
Shelton, CT 06181  
(203) 929-1100 FAX: (203) 929-9935  
Contact: Joseph Lantowski,  
Vice-President of Sales

Logic Series® Digital Battery System couples advanced NiCad battery and charging technology with on-board microprocessor and LCD display providing user access to available/calibrated capacity, number of cycles, serial numbers and more; Ultra-light® 2, a low-voltage on-camera light with quick-change head modules, filters, and bulbs that provide a compact, portable, and lightweight on-camera lighting system; Automatique™, an optional circuit for the Gold Mount® bracket system; MP-4D Logic Series microprocessor four-position sequencing fast charger; and the DM-4 discharge module/battery evaluator.

**Barco NV** .....H66  
TH. Sevenslaan 106  
Kortrijk B-8500, Belgium  
32 56 233 406 FAX: 32 56 233 461  
Contact: Guy Stas,  
Marketing and Sales Manager  
Broadcast monitors with auto set-up for viewing control and measurement purposes, as well as multistandard HDTV stu-

dio monitors. Compact video and audio routing switchers, and the Barco Manager, introducing new possibilities in studio automation. Cable and satellite equipment, including HD MAC equipment for CATV head ends and a tunable input converter. Barco EMT audio products include BEDAS MOD recorder, digital cart machines, and CD players.

**BTS Broadcast Television Systems GmbH** .....H61  
Robert Bosch-Str. 7  
Darmstadt 6100, Germany  
06151-808-0 FAX: 06151-44-63  
Contact: Achim Hubrich, Dept. MVT

Equipment to be shown by BTS Broadcast Television Systems: automation and control, cameras, color correctors, consultancy, delay lines, digital special effects systems, digital video equipment, distribution and links, editing systems, encoders/decoders, HDTV equipment, mixers, monitors, noise reducers, OB vans, switchers, still stores, tape and film, telecine and accessories, turnkey systems, video projectors, professional VTRs, and semiprofessional VTRs.

**Canon Europa NV** .....H80  
Bovenkerkerweg 59-61  
1185 XB Amstelveen, The Netherlands  
31-20-5458905 FAX: 31-020-5458203  
Contact: Eddy Meijer, Sales Manager

Big TV zoom lenses for studio and field use: J16X Super, J20X Super, J50X Super, J55X Tele Super for both 2/3-in. and 1/2-in. format. Portable TV zoom lenses: The full range with wide angle, standard, and tele-zoom lenses for 1/2-in. and 2/3-in. cameras includes the complete range of accessories. Telecom lenses with accessories and CCTV lenses. HDTV lenses: fixed focal lenses and zoom lenses to meet the stringent needs of HDTV cameras. Remote control pan-tilt system.

**Digital Processing Systems, Inc.** .....H27  
55 Nugget Avenue, Unit #10.  
Scarborough, Ont., Canada M1S 3L1  
(416) 754-8090 FAX: (416) 754-7046  
Contact: John Fazackelley, President

The DPS-365 Frame Synchronizer, the DPS-375SP TBC/Transcoder, and the latest line of desktop video products.

**Dolby Laboratories**  
346 Clapham Road  
London, SW 9 9AP, U.K.  
44 (0) 71-720-1111 FAX:  
44 (0) 71-720-4118

Contact: Graham Carter,  
Broadcast Projects Manager

Dolby Laboratories will be showing Model DP5500 DSTL, digital studio-to-transmitter link using AC-2 bit-rate reduction along with the SRP 24-track Dolby SR spectral recording processor. The production of Dolby Surround TV soundtracks will also be featured on the stand.

**Dynair Electronics, Inc.**.....Z06  
5275 Market Street  
San Diego, CA 92114  
(619) 263-7711 FAX: (619) 264-4181  
Jesse Blount, Jr., Vice-President,  
Sales and Marketing

Routing and distribution systems for PAL, NTSC, SECAM, HDTV, and Hi-Res Graphics.  
DYNA MUX – New stereo audio added to high-performance RS-250C short-haul video links for distances to 10 km. Links also available to transport signals to 15 km.  
StarPak 35 – New advanced system controller for DYNASTY and System 21 routers. Includes 8-level control for mixed signal format routing (PAL/NTSC/HDTV/Hi Res), salvo switching, and RGB switching in a single control level.

**Eastman Kodak Co.**.....H74  
343 State Street  
Rochester, NY 14650  
(716) 724-4000 FAX: (716) 724-9702  
Contact: C. Bradley Hunt, European Sales & Business Development Director

Eastman Kodak Co. will be showing the latest film-to-HDTV transfers made on its high-performance CCD HDTV telecine, including some of their first direct negative transfers from Super 16 film. They will also publicly demonstrate 35mm motion-picture film images being digitally composited on the Kodak High Resolution Electronic Intermediate System.

**Ensemble Designs**.....Z05  
P.O. Box 993  
Grass Valley, CA 95945  
(916) 478-1830 FAX: (916) 478-1832  
Contact: Cindy Zuelsdorf,  
Marketing Manager

MultiBuffer™ DS-2 CV. A digital component, two-buffer frame store that is capable of holding two images. Each image buffer can capture video stills that can be used for effects layering. Macintosh® graphics can be downloaded in the DS-2 using Envoy™ software to output into the video world. TC400D and CP10 TBC control system with memory provides remote control of the proc amp functions in the output stage of VTR time base correctors.

**Evertz Microsystems Ltd.**.....R50  
3465 Mainway  
Burlington, Ont., Canada L7M 1A9  
(416) 335-3700 FAX: (416) 335-3573  
Contact: Carter Lancaster,  
Marketing Manager

Time code equipment, film bar code readers, time code generators for telecine, ATR and VCR interfaces, chase synchronizers, clocks, timers, and data displays.

**For-A Co. Ltd.**.....H65  
166 Upper Richmond Road  
London SW15, England  
44 (0) 81 788 7664 FAX: 44 (0) 81 788 7435  
Contact: Per Sjöfors, General Manager

UDP-1000 digital noise-reduction system, EC-800 full-featured A/B roll editor, DX-120 composite digital vision mixer, DVM-400 component digital vision mixer, MF-3100 component DVE with "page turn," VTW-2000 character generator, PVM-555 composite vision mixer, VPS-510PC component video production system, VPS-510P composite video production system, DSC-2000 digital standards converter, and EC-780 low-cost A/B roll editor.

**Fujinon (Europe) GmbH**.....W11  
Heerdter Lohweg 89  
Dusseldorf, Germany 4000  
02-11-52-05-65 FAX: 02-11-52-05-19  
Contact: Hans-Joachim Vogel,  
Assistant Sales Manager  
ENG, EFP, and studio lenses. HDTV lenses, including first HD ENG lens.

**Fuji Photo Film Co. Ltd.**.....W9  
Fujistr. 1  
Kleve D-4190, Germany  
02821-509-0 FAX: 02821-509-183  
Contact: Meguni Morishige,  
Technical Manager

H 621 E/EB 1-in. videotape for C and B format, H521 E/EBR U-matic videocassette, H 321 E Betacam videocassette, H 471 S double-coating S-VHS videocassette, M 321 SP Betacam SP metal videocassette, M 401 MII metal videocassette, D 2001 D-2 metal videocassette, D 3001 D-3 metal videocassette, and DAT PRO DAT audiocassette.

**Graham-Patten Systems, Inc.**.....D-32  
P.O. Box 1960  
Grass Valley, CA 95945  
(916) 273-8412 FAX: (916) 273-7458  
Contact: Dave Edmonds,  
International Marketing

D/ESAM 800 and the new D/ESAM 400 digital audio mixers designed for use in video post-production facilities. Exhibit will also include the V2.0 operating system for the D/ESAM 800 and D/MEM Plus Memory Management and Storage enhancements.

**Grass Valley Group**.....H40  
Unit 3 Cherrywood  
Chincham Business Park  
Basingstoke, RG 24 OWF, U.K.  
44-0256-817817 FAX: 44-0256-817803  
Peter Blatchford, Marketing Manager  
Complete range of analog and digital vi-

sion mixers; edit systems, including the new SABRE 4100; digital effects, including Kaleidoscope and DPM-700 with Page-turn and Trailblazer; digital disk recorder; Presto 100 character generator; SMS-7000 multiformat signal management system; complete range of interfacing and systems products; Wavelink fiber-optic transmission system.

**Harrison by GLW Inc.**.....Z20  
437 Atlas Drive  
Nashville, TN 37211  
(615) 331-8800 FAX: (615) 331-8883  
Contact: Tom Irby

The Harrison MPC is designed specifically for motion-picture sound post-production mixing. The MPC is unique in that it can be totally automated and configured in numerous physical formats to allow the system to be customized to the exact requirements of a facility. All audio processing is contained in separate racks that may be located over 100 ft away from the control surface. The console will be shown with both analog and digital electronics.

**Ikegami Electronics GmbH**.....H37  
Ikegamistr. 1  
Neuss 4040, Germany  
49-2131-123-0 FAX: 49-2131-102820  
Contact: Leo Arend

ENG/EFP studio cameras, HDTV cameras and monitors, 3-D cameras and monitors, 3-D and HDTV projector monitors, and portable microwave links.

**JVC Professional Products Co.**  
41 Slater Drive  
Elmwood Park, NJ 07407  
(201) 794-3900 FAX: (201) 523-2077  
Contact: David Walton,  
Marketing Manager

Professional and broadcast VTRs, cameras, switchers, and monitors.

**Leader Instruments Corp.**.....W18  
380 Oser Avenue  
Hauppauge, NY 11788  
(516) 231-6900 FAX: (516) 231-5295  
Contact: Robert Sparks, Director of Sales

Leader will be introducing several new products at IBC, including the Model 425P PAL Component Generator, Model 411P PAL Test Sync Generator, Model 951 Field Strength Meter, and the Model 2200 200-MHz Oscilloscope.

**Leitch Video International, Inc.**.....R46  
220 Duncan Mill Rd., Suite 301  
Don Mills, Canada M3B 3J5  
(416) 445-9640 FAX: (416) 445-0595  
Contact: David Strachan,  
International Sales Manager

The Leitch and HEDCO exhibits will feature a serial digital component system, based on the new DigiBus "anything to anything" format converter. Sources from the 4:2:2 Still File, Betacam VTR, and YUV test generator will be serialized, passed through serial routers and DAs,

and encoded back to PAL on the revolutionary VSM-6800 "Video Serial Monitor." Also on display will be the new "Super High Stability Master SPG," HEDCO 8x8 routers, and new clocks.

**Microtime, Inc.**.....R29  
1280 Blue Hills Avenue  
Bloomfield, CT 06002  
(203) 242-4242 FAX: (203) 242-3321  
Contact: Mark Podesla, Product Manager  
IMPACT ONE, the most affordable IMPACT DVE yet, features 8-patch processing with optional accessories. Additionally, Microtime will be displaying the FS-10 and FS-8 Frame Synchronizers, the PD Series of PAL decoders, as well as our full line of workhorse TBC products. IMPACT Series 2XP, 3XP, and Four models will also be displayed.

**Miller Fluid Heads**  
30 Hotham Parade, Artarmon  
Sydney NSW, Australia 2064  
(02) 439-6377 FAX: (02) 438-2819  
Contact: Grant Clementson,  
Managing Director  
Miller Fluid Heads will be displaying their full range of professional camera support products at IBC. These include the new Miller 20, 30, and 50 Series fluid pan-and-tilt heads, models designed for ENG/EFP operations. Also on display will be the new range of lightweight alloy ENG tripods that include leg-angle lock systems enabling mounting in difficult terrain.

**Multidyne Electronics, Inc.**  
12 Frost Creek Drive  
Locust Valley, NY 11560  
(516) 671-7278 FAX: (516) 628-1496  
Contact: James Jachetta, Vice-President  
TS-12 Hand-Held NTSC Video, Character, and Stereo Tone Generator features up to 12 precision test signals, 16-message programmable character generator, and stereo audio tone generator with frequencies of 400 Hz, 1 kHz, and 8 kHz.  
VDA-100 Field Equalizing Video DA with a dual equalizer for 4000 ft of both 8281 and RG-59/U cable on one Grass Valley compatible card.  
VPDA-2 Video, Pulse, Subcarrier DA with a dual equalizer for 2500 ft of both 8281 and RG-59/U cable with a single control. VPDA-2 available in portable, single rack-mount and dual rack-mount. VPDA-2 features feedback clamper, which samples the error voltage at the video back-porch and is AC/DC powered.  
VLD-6 Video Loss Detector, which monitors the status of 6 video channels. It features two relays per channel; one closes for the event of video loss and the second latches closed with the loss of video.

**NVISION, Inc.**.....R25  
P.O. Box 1658  
Nevada City, CA 95959  
(916) 265-1000 FAX: (916) 265-1010

Contact: Sue Evans,  
Marketing Services Manager  
NVISION, Inc., specializes in the manufacture of digital audio switching, distribution, conversion, and transmission equipment for the broadcast, post-production, and telecommunication industries. NV1000 Series – Terminal Equipment. NV2000 Digital Audio Transmission System. NV3512 Series – Digital Audio, Time Code, and RS-422 Routing Systems. NV4448 Digital Audio Sample Rate Converter.

**Odetics UK Ltd.**.....228  
58 Portman Road  
Reading, Berkshire, U.K.  
RG3 1EA  
44-0734-560-564 FAX: 44-0734-560-571  
Contact: Daniel Anco, Managing Director  
Format-Independent Odetics TCS90 Cart Machine. This medium-sized machine features unmodified VTRs, the ability to accept formats from D-1 to S-VHS, handling of small/medium-sized cassettes, and a new station automation interface to work with several different automation systems.  
Break Tape Manager, providing a cost-effective means of playing out regional material, with enhanced software for compilation and playlist control.  
TCS2000 news systems featuring the "touch-screen" news control terminal, three-channel playout, and external VTR option.  
TCS2000 Playout Machine for time transmission of programs, commercials, and promos.

**Optical Disc Corp.**.....D26  
Koninginneweg 213  
Amsterdam, The Netherlands 1075 CS  
31-20-671-8741 FAX: 31-20-671-3256  
Contact: Donald R. Hayes,  
Vice-President, International Marketing  
ODC will be exhibiting the Recordable Laser Videodisc (RLV) and other LaserDisc support products for the development and recording of multimedia programs. Featured will be the ODC Model 616 Evaluation Station designed for playback evaluation of RLVs. It can also be used effectively with replicated videodiscs and as a standard high-performance industrial videodisc player.

**Paltex International Ltd.**.....D3  
7 Airlinks, Spitfire Way  
Heston, Middlesex TW5 9NR, U.K.  
081 756 1993 FAX: 081 561 1122  
Contact: Andy Smith, Sales Manager  
Paltex International will introduce EDDI™, a revolutionary new desktop video production center. The introduction of EDDI marks the first desktop video system from a major manufacturer of video post-production equipment. The product works entirely within the popular Micro-

soft™ Windows™ graphical interface environment. All major system components are fully developed, including the video editor switcher, audio mixer, character generator, and Vision™ video overlay and scene manager video keyframe data base systems.

**Panasonic Broadcast Europe**.....D45  
107-109 Whitby Road  
Slough, Berkshire, U.K. SL1 3DR  
44-753-692442 FAX: 44-753-512705  
Contact: Gordon Rafferty, Director  
The successful D-3 range, from field recorder or camera/recorder acquisition, through post-production to MARC. Digital automated transmission is being demonstrated. Panasonic's prototype ½-in. digital component studio VTR is also available for demonstration by appointment. Enhanced MII and S-VHS, strong camera and monitor ranges, and new editing systems complete the lineup.

**The Pesa Group**..... R38 and R44  
Albala 12  
28037 Madrid, Spain  
Contact: Stuart Moore  
Following its acquisition of the Chyron Corp., the Pesa Group will show its wide product range. Pesa Electronica will exhibit its equipment range including the Character Generator CG4733. Also on show will be products from Chyron Graphics, including the Chyron INFINITI, CMX Editing, and Aurora Paint Systems. Pesa switching products will also be exhibited.

**Philips Components**.....H25  
100 Providence Pike  
Slatersville, RI 02876  
(401) 767-4421 FAX: (401) 767-4493  
Contact: Jeff Brooke-Stewart,  
General Manager, MSO  
High-resolution imagers.

**Pinnacle Systems, Inc.**.....H15  
2380 Walsh Avenue  
Santa Clara, CA 95150  
(408) 970-9787 FAX: (408) 970-9798  
Contact: Walter Werdmuller,  
Vice-President, Sales  
FlashFile: New, high-performance still store with instant access to images, visual interface, and built-in transitions.  
Prizm Video WorkStation: Full-quality 3-D digital video effects workstation.  
DVEator (Digital Video Effects Animator): Option to Prizm workstations, DVEator is the only product to perform real-time effects by mapping live video onto complex animated shapes and surfaces.

**Rank Cintel Ltd.**.....R17  
Watton Road  
Ware, Hertfordshire, SG 12OAE, U.K.

(0920) 463939 FAX: (0920) 460803  
Contact: D.J. Fenton, Sales Director

Rank Cintel URSA Flying Spot Telecine with Pircas Pre-Programmer/Controller. Turbo II Flying Spot Telecine MK III HDTV High-Definition Telecine. ADS2CCD Line Array Telecine with dirt concealment. Silhouette "Still" Store and manipulation equipment. Piximile System enabling worldwide transmission of full-color stills using standard telephone lines. Cintel 200.

**Snell & Wilcox**.....1125  
57 Jubilee Road  
Waterlooville, Hants P07 7RF, U.K.  
44-(0)-705-268827  
FAX: 44-(0)-705-241252  
Contact: Joe Zaller, Marketing Manager  
Alchemist — the most advanced universal standards converter with a fully specified all-digital conversion path, designed to allow simple upgrade to Phase Correlation Motion Estimation (PhC).  
KUDOS — a new range of high-performance video products for the broadcaster, production facility, or independent producer.  
PRISM Digital Decoder.  
High-Definition Downconversion.

**Solid State Logic Ltd.**.....H85  
Begbroke, Oxon  
Kindlington, OX5 1RU, U.K.  
44-865-842300 FAX: 44-865-842118  
Contact: Colin Pringle,  
Marketing Director

Solid State Logic is the world's leading manufacturer of totally integrated audio production systems for music, broadcast, video, and film. Solid State Logic will demonstrate products including:  
SL 8000 G Series Multifomat Production System with Ultimation™. An advanced audio post-production console suitable for up to 4 stereo stripes; Dolby Surround TV post-production; Film post-production, from 4-stripe LCRS to multiple DMEF dubs; 5/6 channels discrete mixes for HDTV or Dolby SR•D. Ultimation is a unique dual-automation system for G Series Consoles. The system can work as a dedicated VCA system, a dedicated moving fader system, or in a way that combines the best features of both systems.  
SL 5000 GP Audio Production System. A preconfigured radio and television on-air production console using the acclaimed SL 5000 M architecture.  
ScreenSound. A digital audio editing, mixing, and recording system. Latest features for this successful digital post-production system include EDL import and autoconform, and time compression/expansion.  
SoundNet™. SoundNet is the world's first true multiuser, mass storage digital audio network. The system allows users to share and copy work without the need to download or upload.

SL4000 G Series Master Studio System with Ultimation™. Multitrack music recording and mixing system.

**Sony Broadcast and Communications**.....H72  
Viabes, Basingstoke  
Hampshire H622 45B, U.K.  
(0256) 483366  
Contact: Aldo Liguori

Library management systems; high-definition video systems; 6 and 9-in. monitors; magnetic tape products; a full range of Betacam SP Super Motion systems; cameras, including the BVP-90P, which uses newly developed CCDs with 10,000 pixels/TV line, and the BVP-375P, a studio camera employing the same Hyper HAD Phase II CCD sensors as the BVP-90P; and new DVS routing system products, such as the BKS-R3281 under monitor display and the BKS-R3205 multisource control panel. An open-sided outside broadcast vehicle utilizing serial digital technology will also be displayed.

**Tektronix, Inc., Television Systems Group**.....H42  
P.O. Box 5000, D/S 58-699  
Beaverton, OR 97077  
(503) 627-1555 FAX: (503) 627-4486  
Contact: Laura Whitaker,  
Marketing Services Manager

Tektronix's Television Systems Group is once again introducing several new products and enhancements at IBC 1992, both for test and measurement and operational applications. These include:  
1741A, 1751A, 1761A, and further enhancements to the industry standard 1700 family of signal monitoring products.  
VS211 PAL Synchronizer, currently synchronizing the Olympics.  
VM700A — New firmware designed for evaluating and testing CCD and tube cameras, together with improved audio measurement facilities and other existing options.  
Grid enhancement for the VM700A measurement set, together with the new TDC-10 Tunable RF downconverter for the 1450 demodulator.  
The entire range of Tektronix's television products will be on show, including some exciting new developments for serial digital video.  
Stand personnel in attendance: Paul Durberty, Steve Kerman, European TV Sales Engineers.

**Telex Communications, Inc.**  
9600 Aldrich Avenue South  
Minneapolis, MN 55420  
(612) 884-4051 FAX: (612) 884-0043  
Contact: Ronald Taylor, Manager

Full line of wired and wireless microphones, audiotape duplicators, headsets, headphones, and intercom systems. Intercoms include Telex Audiocom Systems, RTS TW Systems, and RTS CS Series Digital Matrix Systems.

**Thomson Broadcast**.....Z26  
17, rue du Petit Albi, BP 8244  
Cergy Saint-Christophe, France 95801  
33-1-34-20-70-72 FAX: 33-1-34-20-70-45  
Contact: Alain Fresco, Public Relations

Master control panel, Synonym component digital production/post-production switcher, 4:2:2 keyer, Colorado component digital color processor.

**United Media**.....Z45  
4771 E. Hunter  
Anaheim, CA 92807  
(714) 777-4510 FAX: (714) 777-2434  
Contact: Leslie K. Ricci, Sales Manager

PC Edit Series — PC-Based Professional Desktop Edit Systems. Runs under Microsoft® Windows™ and incorporates all the necessary features, functions, and software required for desktop video production editing. Actual video images can be stored for easy reference of Edit Decision List.

VAC-100 Series Single-Frame Animation Control Products. Plug-in single-frame Animation Controller Boards replace costly LAN hardware (both transmitter and receiver). Dedicated Edit Controllers — UMI 400 Series (420-2 VTR, 430-3 VTR, 440-4 VTR and 450-3 VTR with automatic switcher control). Expandable A/B-roll time code editor ideally suited for off-line editing. Generates industry-compatible EDL list on disk. UMI 500 and UMI 600 Series. Provides direct serial control of up to four or six SMPTE RS-422 VTRs and/or optional parallel interfaces.

**Video Design Pro**.....D23  
749 Carver Road  
Las Cruces, NM 88005  
(505) 524-8959 FAX: (505) 524-9669  
Contact: Walter Black, Owner

VidCAD Version 5.1 adds 100 drawing styles, the ability to select signals, use any typeface, and adjust width, line spacing, and border width. A cable documentation software package, where diagram drawings are quickly created without drafting or typing.

**Video International Development GmbH**  
Ulmenweg II  
Barsinghausen, Germany 3013  
49-5105-81144 FAX: 49-5105-83652  
Contact: Stefanie Freitag, Vice-President  
A full line of digital TV broadcast-quality standards converters with 4-field and motion vector interpolation, digital noise reduction, and digital enhancement.

**Videotek, Inc.**.....H52  
243 Shoemaker Road  
Pottstown, PA 19464  
(215) 327-2292 FAX: (215) 327-9295  
Contact: Peter H. Choi, Vice-President

TVM-730/P combination waveform monitor/vectorscope with automeasure — 4 inputs, 3 independent digital line selects, 4

simultaneous SC/H phase measurements, waveform, vector or combination displays, 3-D vector display, 20 programmable memories, automatic measurement of CCIR (473, 567, 569, and 624) parameters, measurement cursors, remote control.

PDG-418/P production/post-production vision mixer – 18 inputs, multilevel effects systems; linear keying upstream and downstream; key memory, optional border generator for downstream key, 24 wipe patterns with modifiers, programmable effects transition with 100-event memory, optional RGB chroma keyer, and serial editor interface.

BTG-100/P handheld EBU color bar generator – textbook-perfect EBU color bars, 20-character programmable source ID with memory, lightweight – only 13 oz. (.37 kg), DC-powered with 4 AA batteries, sturdy molded carrying case.

APM-200/P audio program monitor-monitor stereo audio signal – balanced or unbalanced, input mode switching (L + R, L – R, stereo, reversed stereo, L monaural, R monaural), two 5½-in. speakers; 10-

segment bar graph meter displays, magnetic shielding, 1¼-in. rack-mountable.

**Vinten Broadcast Ltd.** .....D49  
Western Way, Bury St. Edmunds, Suffolk,  
IP33 3TB, U.K.

0284-752121 FAX: 0284-750560

Contact: Mike Martin, Sales Director

New products from Vinten will include the new Heavy Duty Tripod Range, supporting up to 250 lbs. with new torque-safe clamping; also the new Pro-Ped lightweight pedestal and a new range of Vision ENG and EFP lightweight tripods and pan-and-tilt heads. New additions to the Microswift Robotic Range include disc storage and CCU control.

**Vistek Electronics, Ltd.** .....D55  
Unit C, Wessex Road

Bourne End, Bucks, SL8 5DT, U.K.

44-628-531-221 FAX: 44-628-530-980

Contact: P. Randall, Asst. Director,  
Marketing

New digital post-production vision switcher, digital decoder, vector VMC standards converter, A/D converters, D/A converters, serializers/deserializers, picture monitors (color and monochrome), serial digital routing switchers, and analog routing switchers.

**Weircliffe International Ltd. (A Paltex International Co.)** .....D28

St. Andrews Road., Exwick

Exter, Devon EX4 2AG, U.K.

44 392 72132 FAX: 44 392 413511

Contact: Andy Smith, Sales Manager

Weircliffe will exhibit examples of its new shielded degaussers, targeted at the new EC directive on electromagnetic compatibility (89/336 EC). Both manual and conveyor-fed devices will be shown with the largest degausser available from the company, the BTE 406 manufacturing plant unit. Making its first IBC appearance will be the BTE 101 multimedia fully automatic shielded degausser, handling Beta SP, MII, D-3, D-2, S-VHS, and U-matic.

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## SMPTE Takes Part in NAB Convention

### April 13–16, 1992

The Society was represented with a booth at the 70th Annual Convention of the National Association of Broadcasters (NAB), held at the Las Vegas Convention Center April 13–16, 1992. Many visitors stopped by to inquire about the Society and its work. The booth featured brochures and a videotape on the upcoming 134th Technical Conference and Equipment Exhibit, to be held in Toronto November 9–13, 1992. Interest ran high, and a number of people expressed the desire to participate in the exhibit. Several attendees also requested author forms, with an eye toward presenting papers in the technical sessions. Visitors were very responsive to the Society's growing involvement in multimedia integration – the linking of computers, video, film, and audio.

At the convention 54 new members were welcomed to the Society's ranks, while 50 who were already members took the opportunity to renew. In a special promotion, new members received a free copy of the Society's special publication, *Milestones in Motion Picture and TV*

*Technology – The SMPTE Anniversary Collection*. It was noted that interest in the SMPTE standards subscriptions service was at an all-time high.

#### Society Activities

Representing the Society from Headquarters were Executive Director Lynette Robinson, *Journal* Editor/Publisher Jeffrey Friedman, Director of Engineering Sherwin (Si) Becker, Marketing/Exhibits Manager Alan Ehrlich, and Staff Engineer Mark Hyman. Many officers and governors of the Society also attended. In an attempt to take advantage of this gathering of the Society's principals, several meetings were held during the convention. Participating were the Executive Committee, Nominating Committee, Financial Advisory Committee, and Exhibitors Advisory Committee.

Several companies expressed interest in becoming Sustaining Members of the Society. The minimum cost of becoming one

of these corporate sponsors is \$500, which pays the difference between the member and nonmember price for one exhibit booth at a Society conference. In addition, Sustaining Members receive several advantages, including a 200-word paragraph in the annual *SMPTE Directory for Members*, listing each month on the inside back cover of the *Journal*, a plaque from the Society, special logo, and others. Companies interested in obtaining further information about Sustaining Membership or conference events should contact Alan Ehrlich at (914) 761-1100.

Six engineering groups also held meetings during NAB. The Study Group on High Quality Image Compression is completing an overview of digital image compression, to be presented by the end of the year. The first meeting of the Working Group on Advanced Television Studio Systems Designs met with the objective of identifying, examining, and developing solutions to the problems in the practical implementation of ATV. The Working Group on Serial HDTV Interfaces is fo-