

Calendar

SMPTE ACTIVITIES

SAN FRANCISCO, CA—34th SMPTE Advanced Motion Imaging Conference. *February 3-5, 2000.*

PASADENA, CA—142nd Technical Conference and Exhibition. *October 18-21, 2000.*

For more information on these and other SMPTE activities contact SMPTE Headquarters: (914) 761-1100; fax: (914) 761-3115.

JANUARY

NATPE 2000, New Orleans, LA. Info: National Association of Television Program Executives, 2425 Olympic Blvd., Suite 550E, Santa Monica, CA 90404; tel: (310) 453-4440; fax: (310) 453-5258; website: www.natpe.org. *January 24-27, 2000.*

FEBRUARY

National Engineers Week, Washington, DC. Info: National Engineers Week

Headquarters, 1420 King St., Alexandria, VA 22314; tel: (703) 684-2852; website: www.cweek.org. *February 20-26, 2000.*

MARCH

The 36th Annual Cinema Audio Society (CAS) Awards Banquet, Sheraton Universal, North Hollywood, CA. Info: Laura Long, CAS; tel: (818) 752-8624; e-mail: lslong@earthlink.net. *March 4, 2000.*

APRIL

NAB2000, Las Vegas, NV. Info: (800) 342-2460; website: www.nab.org/conventions. *April 8-13, 2000.*

JUNE

2000 International Conference on Consumer Electronics, Los Angeles, CA. Info: Diane D. Williams, Conference Coordinator, 67 Raspberry Patch Dr.,

Rochester, NY 14612; tel: (716) 392-3862; fax: (716) 392-4397; e-mail: d.williams@iecc.org. *June 13-15, 2000.*

JULY

XIXth Congress of the International Society for Photogrammetry, Amsterdam, The Netherlands. Info: c/o ITC, Saskia Tempelman, P.O. Box 6, 7500 AA Enschede, The Netherlands; tel: +31 53 48 74 358; fax: +31 53 48 74 335; e-mail: isprs@itc.nl; website: www.itc.nl/~isprs. *July 16-23, 2000.*

SEPTEMBER

IBC2000, Amsterdam, The Netherlands. Info: International Broadcasting Convention, Aldwych House, 81 Aldwych, London WC2B 4EL, UK; tel: +44 (0) 171 611 7500; fax: +44 (0) 171 611 7530; e-mail: show@ibc.org; website: www.ibc.org. *September 8-12, 2000.*

New Products

Audio

Tascam has introduced its **DA-78HR 8-track recorder/player**, the first multi-track digital tape unit of its type to offer 24-bit resolution record and playback. The DA-78HR provides fixed install and live audio recording and mixing engineers the opportunity to record digitally at advanced high-resolution levels. The unit allows for full record and playback compatibility with all DA-98, DA-88 and DA-38 tapes utilizing the 16-bit, 44.1-kHz or 48-kHz standard. In high-resolution mode, it will record and play back all eight tracks at 24-bit resolution, 44.1-kHz or 48-kHz sample rates. The DA-78 HR features a built-in 8 x 2 MIDI compatible mixer that offers volume and pan control over all eight tracks. The MIDI interface allows the unit to remotely perform in various situations, from a home recording environment to a mega-studio setting. Mixes can be routed to two tracks of the existing tape or to any digital recorder, DAT, or computer with an S/PDIF inter-

face. Up to 16 units can be stacked with sample-accurate lock.

The **CD-A700 CD player and auto reverse cassette deck** was also announced by Tascam. The unit includes balanced XLR and unbalanced RCA analog I/O and coaxial (SPDIF) digital output and features a 12% pitch control (both CD and cassette) and D-sub 15 pin parallel control I/O. Cassette operations work independently, except when operating the CD-to-cassette dubbing feature. Other features include CD/cassette continuous play, individual counter, shuffle play, repeat play, intro check, program play, single play, fader start/stop, track skip, and play tally. Cassette features include CPS, RTZ, play forward, play reverse, stop, fast forward, rewind, ready, and play tally.

Another new product announced by Tascam is the **MX-2424 digital hard disk audio recorder**. The unit is a 24-track, 24-bit random access record/player/editor. It comes with a built-in gigabyte SCSI hard drive and two channels of AES/EBU and SPDIF digital I/O,

routable to any disk channel. Analog I/O is available with 24 channels of 24-bit 48/44.1-kHz audio and 12 channels of 24-bit 96-kHz audio. Time code synchronization is provided via SMPTE LTC in and out, with digital word clock, video sync, MIDI machine control, and MIDI time code. An internal drive bay and external SCSI port provide for easy connection of standard disk recording or backup devices such as hard drives, optical disks, removable SCSI media, and DVD-RAM drives is provided.

Error Detector/analyzer

SyntheSys Research has announced its new BitAlyzer product: the BA14400 parallel channel bit error detector. This high-speed, parallel digital channel analyzer offers a 16-bit parallel interface, and was designed for use in the development of digital channels. The system is available as a detector/analyzer (BA1440PD) or as a generator (BA1440PG) allowing the engineer the flexibility to design a custom

bit error analysis system. The patented BitAlyzer technology provides advanced bit error location analysis in a digital data stream, a feature not available on simple Go/No Go BERTs (bit error rate tester).

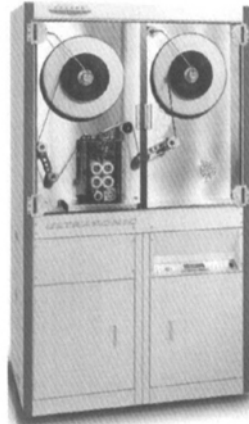
Master Station/Power Supply

Telex Communications, Inc., has announced its new MS2000 master station and power supply, a 1U rack-mount unit used as a two-channel master station and system power supply. It allows a user to plug into any AC outlet from 110 to 240 V at 50/60 Hz, add a microphone or headset, connect intercom stations to the backpanel, and initiate communications. The unit features a built-in speaker/amplifier for listening and a connector for an optional Telex EGM-12N/EGN-18N goose-neck panel microphone for open-air production. It also accepts a variety of Telex headset systems for private or quiet communication, has a voice activated microphone function with adjustable voice activation level controls, and offers a public address output, which allows the user to route a microphone signal to a PA system. The system is expandable by adding an optional ES4000A expansion station that provides an additional four channels per unit to a maximum of 18.

Video

Optex has announced the launch of the VA1394 video assist transmitter/receiver. The transmitter and short whip antenna supplied are very small and easily fit any television or film camera. The unit will transmit live-color pictures directly across a studio floor or film set to the receiver up to a distance of about 1000 ft. Greater transmission distances are possible by using higher gain antennae at the receiver end.

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SyntheSys Research, 3475D Edison Way, Menlo Park, CA 94025; tel: (650) 364-1853; fax: (650) 364-5716; e-mail: Pamela_thompson@synthesysresearch.com; website: www.synthesysresearch.com

Tascam, 7733 Telegraph Rd., Montebello, CA 90640; tel: (323) 726-0303; fax: (323) 727-7635; website: www.Tascam.com

Telex, 9600 Aldrich Ave. S., Minneapolis, MN 55429; tel: (612) 884-4051; fax: (612) 884-0043; website: www.telex.com

Books, Booklets, Brochures

The Director's Vision, by Geoff Andrew, with a foreword by Joel and Ethan Coen, is available from A Cappella Books, 814 North Franklin St., Chicago, IL 60610. This 252-page guide to many of the world's great cinematic stylists features representatives from classic Hollywood, contemporary filmmakers, and downright eccentrics. Through a combination of 250 color film stills and insightful commentary, the book provides an assessment of the creative technique employed by each director to convey his thematic obsessions and artistic vision.

Geoff Andrew is Film Editor of London's *Time Out* magazine, programmer of London's National Film Theatre,

and one of Britain's leading film critics. His books include *Stranger Than Paradise*, *Hollywood Gangsters*, *The Films of Nicholas Ray*, and *Krzysztof Kielewski's Three Colors Trilogy*.

Arriflex 35 Book, Third Edition, by Jon Fauer, is available from Focal Press, (an imprint of Butterworth-Heinemann) at 225 Wildwood Ave., Woburn, MA 01801. This completely revised 192-page edition offers a comprehensive guide to the popular ARRI 35mm system, and includes a wide range of updates retrofits, and camera accessories. It features exploded view drawings and photos of every component and accessory and dis-

cusses all aspects of prep, use, and maintenance.

Divided into six sections each covering a different camera or accessory system, *The Arriflex 35 Book, Third Edition* provides extensive information for the camera operator — including an appendix listing frequently needed reference information. A directory of Arriflex dealers and after-market product manufacturers worldwide is also included.

John Fauer is a Director of Photography who specializes in commercials. His shoots are primarily for TV campaigns for America's best-known name brands.