

# 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](http://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](http://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: [lsong@earthlink.net](mailto:lsong@earthlink.net). *March 4, 2000.*

## APRIL

NAB2000, Las Vegas, NV. Info: (800) 342-2460; website: [www.nab.org/conventions](http://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](mailto: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](mailto:isprs@itc.nl); website: [www.itc.nl/~isprs](http://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](mailto:show@ibc.org); website: [www.ibc.org](http://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