

Calendar

SMPTE Activities

TORONTO, ONTARIO—News Media '98 Toronto Section Exhibit, Toronto Convention Center, Info: Tel: (416) 237-0625, <http://www.smpte.org/sections/yyz/yyz.htm>, *May 13-15, 1998.*

LOS ANGELES, CALIF.—2nd Annual SMPTE Film Conference. Co-located with Showbiz Expo, Los Angeles Convention Center, Los Angeles, Calif. *June 12-14, 1998.*

PASADENA, CALIF.—140th SMPTE Technical Conference and Exhibit, Pasadena Convention Center, *October 28-31, 1998.*

ORLANDO, FLA.—33rd SMPTE Advanced Motion Imaging Conference, Omni Rosen Hotel, *February 25-27, 1999.*

SYDNEY, AUSTRALIA—SMPTE '99, *July 13-16, 1999.*

NEW YORK, N.Y.—141st SMPTE Technical Conference and Exhibit, *November 19-22, 1999.*

For more information on these and other SMPTE activities contact SMPTE headquarters: (914) 761-1100, Fax:(914) 761-3115.

May

Large Format Cinema Association Conference, California Science Center, Los Angeles, Calif. Info: LFCA office, (209) 477-2726. *May 13-16, 1998.*

Lightfair International 1998, Las Vegas Convention Center, Las Vegas, Nev. Info: AMC Tradeshows, 240 Peachtree St. NW, Ste. 2200, Atlanta, GA 30303. *May 27-29, 1998.*

June

Second Datacasting Conference, Montreux, Switzerland. Info: IAB, 11 Ave. de

Florimont, 1820 Montreux, Switzerland. *June 13-14, 1998.*

ShowBiz Expo, Los Angeles Convention Center, Los Angeles, Calif. Info: Reed Exhibition Companies, 383 Main Ave., Norwalk, CT 06851, <http://www.showbiz-expo.com>. *June 12-14, 1998.*

September

International Broadcasting Convention Limited, Amsterdam, U.K. Info: IBC Office Savoy Pl., London WC2R 0BL U.K., tel: 44 0 171 240 3839, fax: 44 0 171 240 3724, e-mail: show@ibc.org.uk, Internet: <http://www.ibc.org.uk/ibc/>. *September 11-15, 1998.*

October

Rocky Mountain Film and Video Expo, John Q. Hammons Convention Center, Denver, Colo. Info: Mark Cramer, ExpoMasters, Inc., 7632 E. Costilla Ave., Englewood, CO 80112. *October 14-15, 1998.*

New Products

Converter

Telebyte Technology, Inc., has introduced the **Model 8365 industrial interface converter**. The 8365 offers user programmability of three interface selections, RS-422, RS-485 2-wire, and RS 485 4-wire, all to RS-232. The converter also allows operations with RS-485 or RS-422 equipment, and RS-232. The ZRS-485 chip technology is incorporated into this product allowing up to 256 transceivers to share a common communication bus. The 8365 provides a maximum of 230 kbit/sec data transfer rates and uses a dB-9 for the RS-232 port.

Encoders and Decoders

Tiernan Communications, Inc., has announced the availability of several encoders and decoders. The **TE6 high-performance MPEG-2 encoder** can be used for professional television broadcast applications requiring compression to the 4:2:2 Studio Profile@Main Level and 4:2:0 Main Profile@Main Level according to the MPEG-2 standard (ISO/IEC 13818-2). The 4:2:2 Studio Profile provides superior quality images at data rates up to 50 Mbits/sec. The encoder multiplexes compressed video, audio, and data channels into a single DVB compliant transport stream.

The **TDR 600 MPEG-2/DVB integrated receiver/decoder (IRD)** can be utilized for broadcast grade applications requiring MPEG-2, 4:2:2, and 4:2:0. It provides both digital and analog output of video and audio signals. This IRD also provides two high-speed user data channels up to 4096 Mbits/sec and can be remotely controlled through RS-232 or Ethernet communications.

The **TDR77 MPEG-2/DVB IRD** is a mid-range product suited to 4:2:0 broadcast and professional applications requiring only analog video and audio outputs, with support for teletext and user data services. The TDR77 is suitable for both SCPC and MCPC applications, and decodes video at programmable transport rates from 2 to 60 Mbits/sec.

Generator

The **CG-200 modular plug-in video character generator** from Multidyne inserts a character message over an external video feed. Product features include 15 columns by 7 rows of upper and lower case alphanumeric text; 16 battery-backed pages; motion graph, automatic bypass to program video upon power failure; selectable test signal and program inputs; an RS-232 port for remote terminal control; and one line of vertical interval identifica-

tion. The vertical interval character ID can be inserted over program video to invisibly identify video feeds.

Recording

The **HD 1.5Plus video disk recording system** from Sierra Design Labs enables users to record in either standard 601 or uncompressed DTV/HDTV video. Through the use of four video disk recorders and an HD processor from the company, users can record up to 120 min of standard D-1/ITU-R BT601-4 uncompressed HDTV video. In HDTV mode the product is a full-specification DTV recorder featuring record and playback of SMPTE 274M/292M 1920 x 1080 interlaced signals (1080-i) with the ability to switch to SMPTE 296M 1280 x 720 progressive scan video (720P). The system is also user-selectable between individual 601 streams, each with its own RS-422 control, or in HD mode through a single RS-422 control panel.

Routers

The **Utah 1500** from Artel Video Systems, Inc., is a full-bandwidth, high-definition router that conforms to the SMPTE 292M standard (1.5 Gbit/sec data rate), and is designed to ease the transition to high-definition television (HDTV).