

Calendar

SMPTE Activities

MILAN, ITALY

SMPTE Italian Section Conference. October 5-6, 2001.

HOLLYWOOD, CA

SMPTE Hollywood Film Conference. October 27, 2001.

NEW YORK, NY

143rd Technical Conference & Exhibition. November 4-7, 2001.

DALLAS, TX

36th Advanced Motion Imaging Conference. February 7-9, 2002.

PASADENA, CA

144th Technical Conference & Exhibition. October 23-26, 2002.

For more information on these and other SMPTE activities contact SMPTE Headquarters:

Tel: (914) 761-1100

Fax: (914) 761-3115

OCTOBER

12th International Audio, Video, Broadcasting, Motion Picture and Telecommunications Show (IBTS), Milan, Italy. Info: Via Domenichino, 11-20149 Milan, Italy; tel: +39-02 4815541; e-mail: assoexpo@assoexpo.com; website: www.assoexpo.com. October 4-8, 2001.

Austin Film Festival 2001, Austin, TX. Info: Austin Film Festival, 1604 Nueces St., Austin, TX 78701; tel: (512) 478-4795; fax: (512) 478-6205; toll-free: (800) 310-FEST; e-mail: austinfilm@aol.com; website: webmaster@austinfilmfestival.com. October 11-18, 2001.

High Falls Film Festival, Rochester, NY. Info: High Falls Film Festival, 240 East Ave., Rochester, NY 14604; tel: (716) 258-0400. October 17-21, 2001.

ShowEast Conference and Exhibition 2001, Orlando, FL. Info: ShowEast 2001, 244 West 49th Street, Ste. 200, New York, NY 10019; tel: 212.246.6460; fax: 212.265.6428; website: www.showeast.com. October 31-November 3, 2001.

NOVEMBER

ITU Telecom Africa 2001, Johannesburg, Africa. Info: International Telecommunication Union, Place des Nations, CH-1211 Geneva 20, Switzerland; tel: +41 22 730 6161; fax: +41 22 730 6444; e-mail: telecominf@itu.int; website: www.itu.int/itutelecom. November 12-16, 2001.

FEBRUARY 2002

National Engineers Week, Washington, DC. Info: National Engineers Week Headquarters, 1420 King Street, Alexandria, Virginia 22314; tel: (703) 684-2852; website: www.eweek.org. February 17-23, 2002.

MARCH 2002

VidTrans 2002 Conference, Orlando, FL. Info: Matt Peterson, Scenic Wonders, Inc.; tel: (608) 273-4803; e-mail: matt@swonders.com; website: www.videoservicesforum.org/vidtrans/. March 3-6, 2002.

New Products

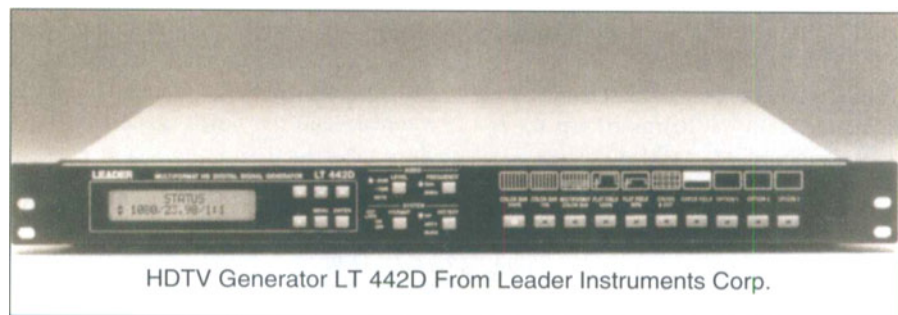
Encoders

Tandberg Television has announced the expansion of its evolution 5000 broadcast system with its new **E5710** and **E5720** encoders for direct-to-home satellite, terrestrial, broadband and cable providers and professional contribution and distribution markets. Available in a 1RU and 2RU

chassis, respectively, the units incorporate the latest designs in encoding technology from Tandberg Television. Improvements upon previous models include the addition of enhanced noise reduction circuitry and special processing to maintain signal quality in repeated encoding/decoding scenarios with a new auto concatenation feature.

HDTV Generator

A multiformat digital video generator, the **LT 442D**, is the newest product to be announced by Leader Instruments Corp. The generator complies with five system formats described in SMPTE standards 274M and 296M. The LT 442D provides two SDI outputs conforming to

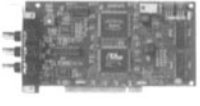


HDTV Generator LT 442D From Leader Instruments Corp.

A New Generation of Tools For the Digital World

NEW

ATSC MASTER FD™



- High-Performance SMPTE 310M Interface Card
- Both Transmitter & Receiver on the same PCI 2.1 compliant half-sized card
- High-Speed Asynchronous I/O interface using Link List oscillator
- Highly stable local oscillator
- External Transmit clock input (ECL) option for Receiver
- On-board TCXO for internal Transmit clock reference

DVB Master FD™



- DVB Transmitter and Receiver on one PCI card
- Unlimited PID Filtering
- Large 1.5K buffer FIFOs eliminate latency problems
- Programmable Inter-byte and Inter-packet stuffing as per DVB specifications
- Advanced Transmit and Receiver capabilities
- Advanced link-list DMA Interface
- Cable Equalization on the receiver input

MPEG-SHUTTLE™



- Cost Effective MPEG-Based Long Distance Digital Video Transmission System
- Real-time MPEG-I or MPEG-II video transmission
- 1 - 12 Mbps transmission rate
- T1, E1, DVB, ATSC, 100BT, I/O supported

Applications

- Distance Learning Classroom
- Studio to Remote Broadcasting

DVB/ATSC ROCKET™



- Ultra High-Speed IP to DVB/ATSC Encapsulator
- The IP to DVB/ATSC network driver is fully included in the OS Kernel
- Aggregated packet throughput to full transponder range (100 Mbps max.)
- Easy to use remote monitoring & control via secure shell access
- User level access is controlled by password security
- It can run as an IP to DVB/ATSC switch
- PSI/SI table implementation according to MPEG-II standards

PID Detective™



- ATSC or DVB Quad PID Data Rate Monitoring and Reporting System
- Monitors up to 4 PIDs
- Test stream for PIDs present
- Generates a user programmable test stream
- SMPTE 310M or DVB ASI input/output
- Runs a software application on an alert event
- Instant E-Mail alerts
- Easy-to-use GUI
- Ethernet port

ATSC Loop™



- ATSC Test Stream Generation System
- GUI Interface Playback of captured or user selected files
- Null packet stream mode with correct MPEG-II TS header information
- SNMP Remote start/stop and looping control for enterprise wide use
- Excellent Price-to-Performance Ratio
- Also available in DVB standard

 Computer Modules

www.computermodules.com

2350 Walsh Avenue Santa Clara, CA 95051
Tel 408-496-1881 Fax 408-496-1886

SMPTE 292M and includes eight channels of embedded AES/EBU digital audio in compliance with SMPTE 299M. In addition, six channels of AES/EBU digital audio are available in stereo pairs from three dedicated BNC connectors. The generator gen-locks to tri-level sync as well as NTSC or PAL black burst and offers advance/delay settings of up to +/- 100 lines and +/- 1100 pixels in one-pixel increments.



ImagePro 8909 projector from Dukane

Projector

Dukane introduces the **ImagePro 8909** projector, featuring progressive scan video technology. The 8909 uses field interlacing to provide twice as many lines as projectors using a line doubler to convert the interlaced image into a progressive image. Line flicker is reduced and the newly generated lines provide added sharpness and prevent distortion even on a large screen.

Progressive Scan improves all video inputs such as composite, s-video, or component signals. A 2300 ANSI lumen light output can handle any projection requirements. Other features of the product are HDTV readiness, 3 RGB (computer) inputs, 3 video inputs, RS232 control, mouse control via the IR remote and a native XGA resolution (1024 x 768).

Quad-Split Processor

Miranda Technologies has announced release of its **Tango 4:2:2** quad split processor, designed to simultaneously handle up to four full-resolution video signals on a single display. Tango supports both the 4:3 and 16:9 aspect ratios and features full 10-bit processing and pixel mapping for use in critical monitoring applications. Its front panel controls allow for the selection of full-screen or quad-split display, and also enable adjustment of the aspect ratio and underscan settings.

Dukane, www.dukane.com

Tandberg Television Inc., tel: (407) 380-7055; [website:www.tandbergtv.com](http://www.tandbergtv.com)

Leader Instruments Corp., www.LeaderUSA.com; e-mail: sales@LeaderUSA.com

Miranda Technologies, Inc., tel: 514-333-1772; [website:www.miranda.com](http://www.miranda.com)